

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061019\
 Data File : BF114931.D
 Acq On : 10 Jun 2019 13:12
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Manual Integrations
 APPROVED

mohammad
 6/12/2019 9:13:53 AM

Quant Time: Jun 10 13:58:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 12:30:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	290423	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1175106	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	578930	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1127136	20.00	ng	0.00
76) Chrysene-d12	13.79	240	523590	20.00	ng	0.00
87) Perylene-d12	15.16	264	640291	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	2729344	164.21	ng	0.00
7) Phenol-d6	6.32	99	3225765	159.50	ng	0.01
23) Nitrobenzene-d5	7.24	82	3188950	167.05	ng	0.01
42) 2,4,6-Tribromophenol	10.49	330	987686	158.31	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	4670131	151.11	ng	0.00
79) Terphenyl-d14	12.75	244	4676894	173.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	725342	91.405	ng	99
3) Pyridine	2.96	79	2060051	94.460	ng	100
4) n-Nitrosodimethylamine	2.93	42	738951	92.581	ng	99
6) Aniline	6.34	93	2168046	75.550	ng	# 72
8) 2-Chlorophenol	6.46	128	1565345	81.513	ng	96
9) Benzaldehyde	6.20	77	744432	53.066	ng	98
10) Phenol	6.33	94	1847090	79.865	ng	99
11) bis(2-Chloroethyl)ether	6.41	93	1516745	84.032	ng	98
12) 1,3-Dichlorobenzene	6.60	146	1816102	81.159	ng	97
13) 1,4-Dichlorobenzene	6.68	146	1817763	80.731	ng	97
14) 1,2-Dichlorobenzene	6.84	146	1556791	76.557	ng	99
15) Benzyl Alcohol	6.82	79	1122322	73.384	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	2004190	77.638	ng	95
17) 2-Methylphenol	6.94	107	1375004	83.766	ng	# 94
18) Hexachloroethane	7.18	117	689128	81.313	ng	95
19) n-Nitroso-di-n-propylamine	7.10	70	1074092	80.231	ng	99
20) 3+4-Methylphenols	7.10	107	1353277	74.746	ng	93
22) Acetophenone	7.09	105	2136320	82.574	ng	# 98
24) Nitrobenzene	7.26	77	1640875	82.973	ng	97
25) Isophorone	7.50	82	3237428	85.786	ng	99
26) 2-Nitrophenol	7.57	139	949138	88.614	ng	99
27) 2,4-Dimethylphenol	7.62	122	1351419	83.013	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	1951854	80.910	ng	99
29) 2,4-Dichlorophenol	7.82	162	1379281	80.530	ng	98
30) 1,2,4-Trichlorobenzene	7.89	180	1565787	79.675	ng	98
31) Naphthalene	7.97	128	4041739	76.398	ng	96
32) Benzoic acid	7.79	122	1219574	102.857	ng	98
33) 4-Chloroaniline	8.02	127	2044930	81.026	ng	97
34) Hexachlorobutadiene	8.09	225	866707	77.572	ng	99
35) Caprolactam	8.43	113	494282m	88.343	ng	
36) 4-Chloro-3-methylphenol	8.52	107	1425575	83.646	ng	99
37) 2-Methylnaphthalene	8.66	142	2835613	77.276	ng	98
38) 1-Methylnaphthalene	8.76	142	2660249	76.446	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	1279681	76.702	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	845759	83.584	nq	99
43) 2,4,6-Trichlorophenol	8.94	196	1047549	80.747	nq	99
44) 2,4,5-Trichlorophenol	8.99	196	1071739	82.030	nq	97
46) 1,1'-Biphenyl	9.13	154	3150164	73.418	nq	97
47) 2-Chloronaphthalene	9.15	162	2841923	77.948	nq	97
48) 2-Nitroaniline	9.25	65	927963	85.288	nq	96
49) Acenaphthylene	9.56	152	3988970	75.445	nq	97
50) Dimethylphthalate	9.44	163	3503103	82.849	nq	99
51) 2,6-Dinitrotoluene	9.49	165	825877	83.053	nq	97
52) Acenaphthene	9.73	154	2487420	71.818	nq	99
53) 3-Nitroaniline	9.66	138	1032645	88.895	nq	99
54) 2,4-Dinitrophenol	9.76	184	488924	108.656	nq	93
55) Dibenzofuran	9.90	168	3279272	68.089	nq	95
56) 4-Nitrophenol	9.83	139	738478	86.756	nq	94
57) 2,4-Dinitrotoluene	9.89	165	994294	79.539	nq	92
58) Fluorene	10.25	166	2409727	69.758	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	859913	80.335	nq	99
60) Diethylphthalate	10.13	149	3295960	77.682	nq	99
61) 4-Chlorophenyl-phenylether	10.23	204	1186654	64.331	nq	94
62) 4-Nitroaniline	10.28	138	1045882	92.826	nq	99
63) Azobenzene	10.40	77	2828717	78.323	nq	97
65) 4,6-Dinitro-2-methylphenol	10.30	198	594678	101.568	nq	97
66) n-Nitrosodiphenylamine	10.36	169	2585921	75.873	nq	98
67) 4-Bromophenyl-phenylether	10.72	248	972186	75.943	nq	99
68) Hexachlorobenzene	10.79	284	1064747	75.998	nq	97
69) Atrazine	10.89	200	868438	73.265	nq	97
70) Pentachlorophenol	10.98	266	658429	81.295	nq	99
71) Phenanthrene	11.20	178	4005756	74.445	nq	98
72) Anthracene	11.25	178	4053857	71.588	nq	97
73) Carbazole	11.40	167	3766813	77.596	nq	97
74) Di-n-butylphthalate	11.74	149	4493973	70.385	nq	# 96
75) Fluoranthene	12.37	202	4174276	74.535	nq	98
77) Benzidine	12.49	184	1654971	63.848	nq	# 92
78) Pyrene	12.60	202	4148244	91.327	nq	97
80) Butylbenzylphthalate	13.23	149	2120124	92.432	nq	98
81) Benzo(a)anthracene	13.78	228	3311983	82.086	nq	98
82) 3,3'-Dichlorobenzidine	13.75	252	1283819	78.470	nq	99
83) Chrysene	13.82	228	3465761	88.299	nq	98
84) Bis(2-ethylhexyl)phthalate	13.79	149	2244990	77.403	nq	# 98
85) Di-n-octyl phthalate	14.40	149	4022636	81.624	nq	99
86) Indeno(1,2,3-cd)pyrene	16.49	276	3476819	77.635	nq	99
88) Benzo(b)fluoranthene	14.79	252	3688695	90.494	nq	100
89) Benzo(k)fluoranthene	14.82	252	2668136	77.079	nq	97
90) Benzo(a)pyrene	15.12	252	3001118	85.063	nq	98
91) Dibenzo(a,h)anthracene	16.50	278	2709073	81.082	nq	100
92) Benzo(g,h,i)perylene	16.88	276	2936778	87.406	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

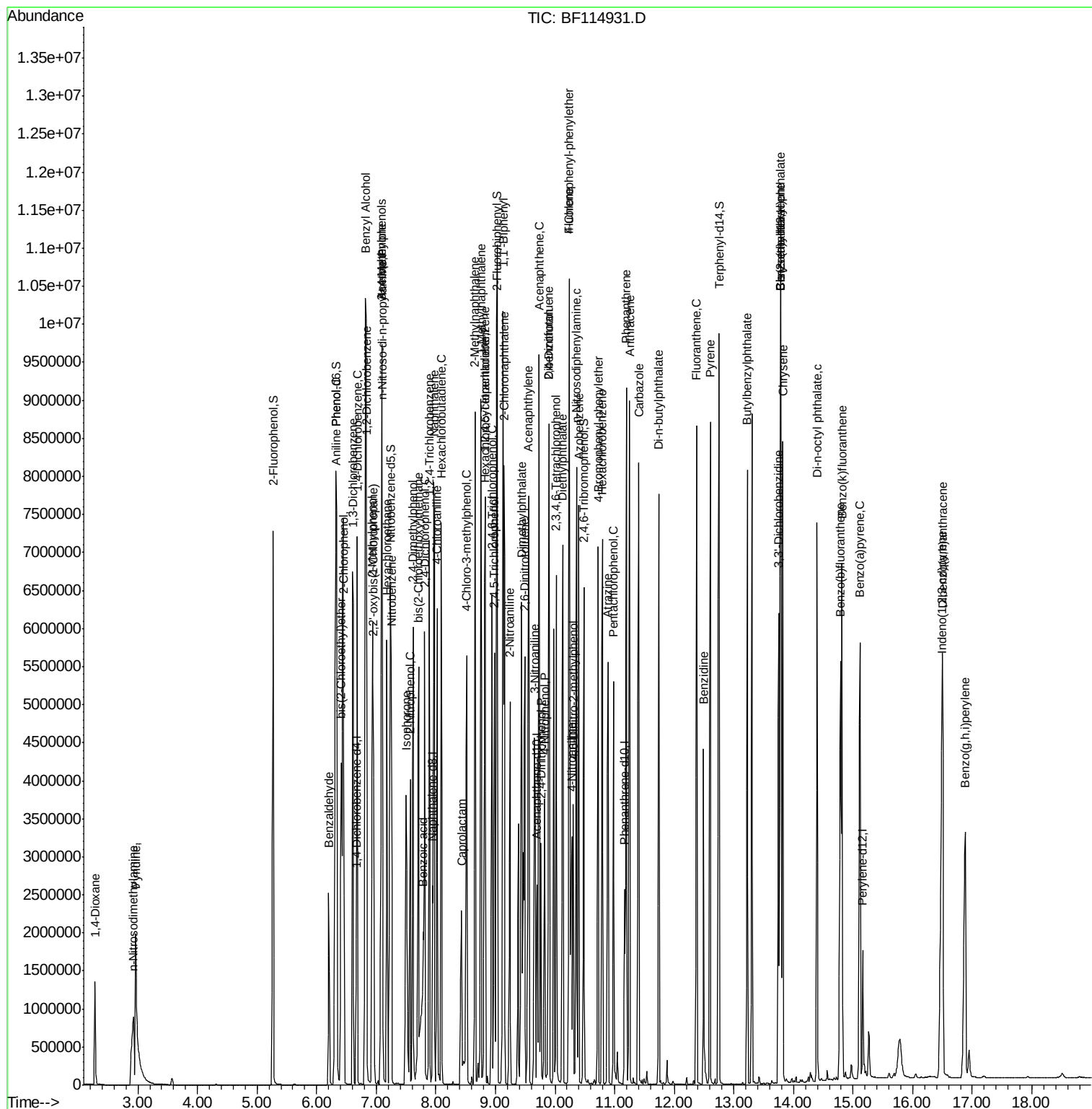
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061019\
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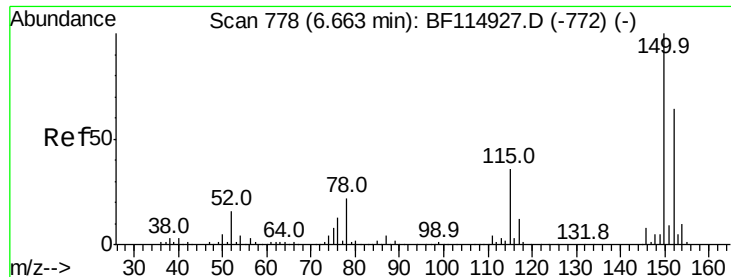
Instrument :
BNA_F
ClientSampleId :
SSTDICC100

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#1

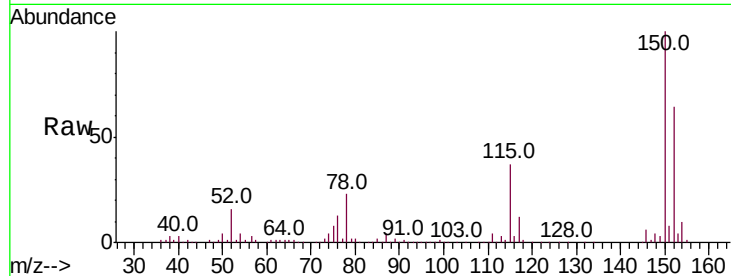
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.2	187.8
115	57.7	45.0	67.4

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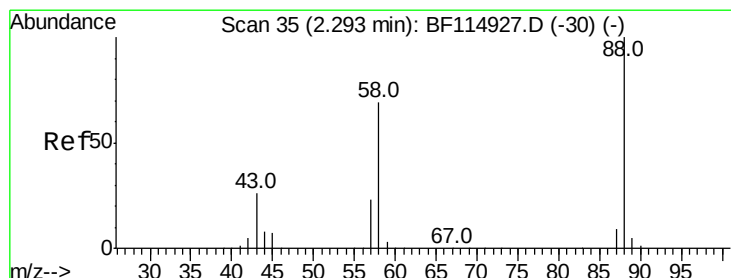
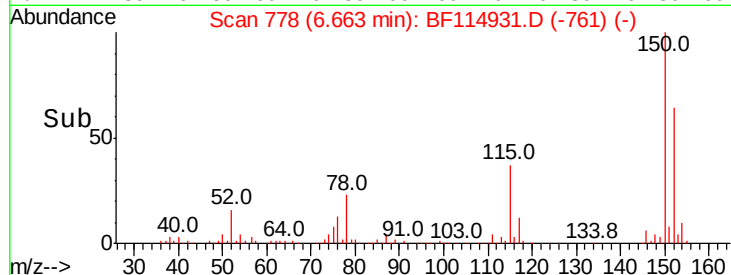
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

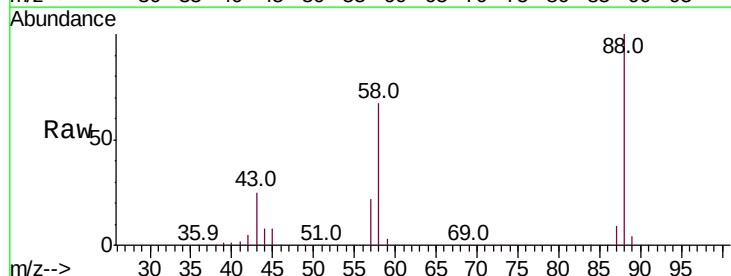
Time-->



#2

1,4-Dioxane
Concen: 91.405 ng
RT: 2.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	54.2	81.2
43	25.3	20.6	30.8



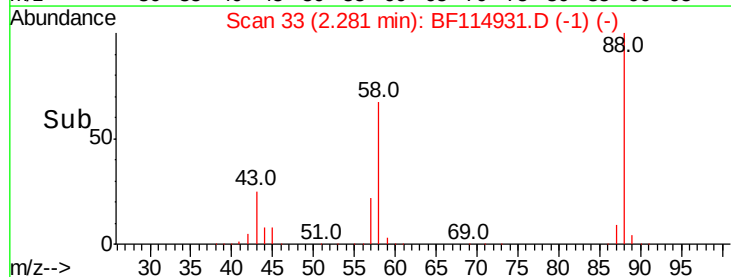
Abundance

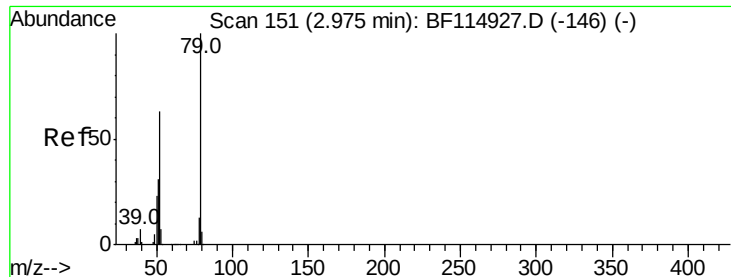
Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

Time-->





#3

Pvridine

Concen: 94.460 ng

RT: 2.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion: 79 Resp: 2060051

Ion Ratio Lower Upper

79 100

52 62.7 50.2 75.2

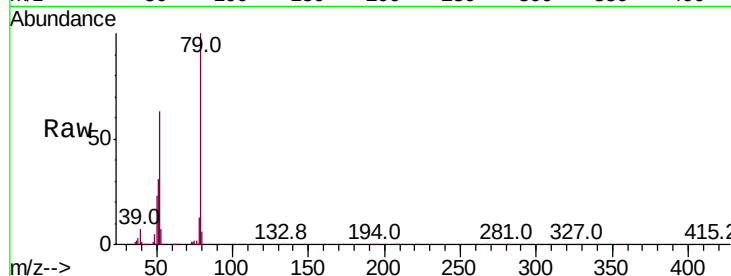
51 31.1 24.6 37.0

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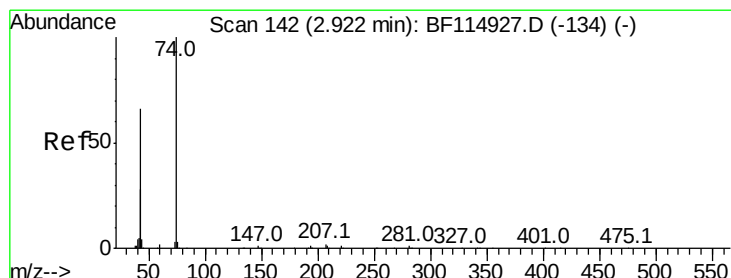
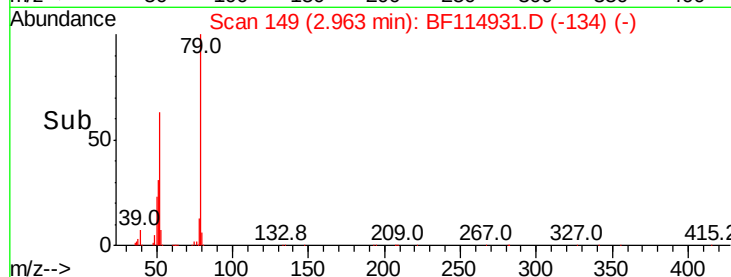
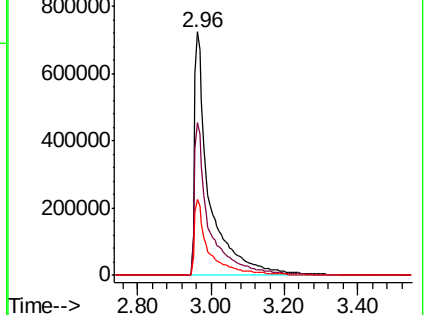
6/12/2019 9:13:53 AM



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 92.581 ng

RT: 2.93 min Scan# 143

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

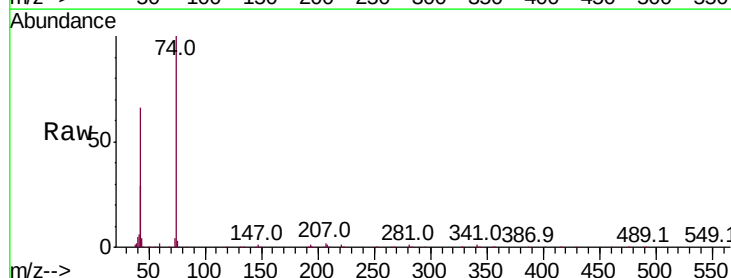
Tgt Ion: 42 Resp: 738951

Ion Ratio Lower Upper

42 100

74 151.3 121.9 182.9

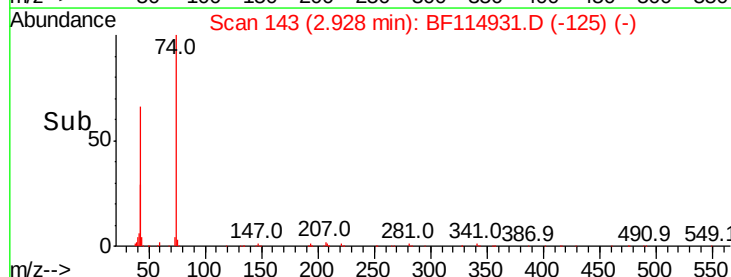
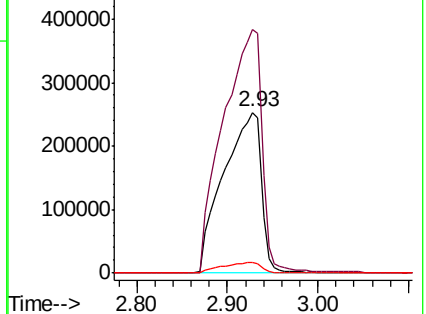
44 6.3 5.1 7.7

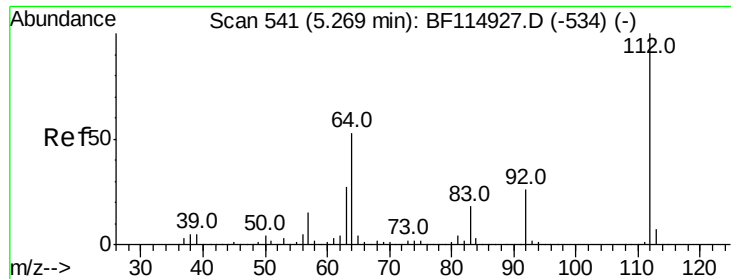


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 164.213 ng

RT: 5.27 min Scan# 542

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:112 Resp: 2729344

Ion Ratio Lower Upper

112 100

64 54.7 42.1 63.1

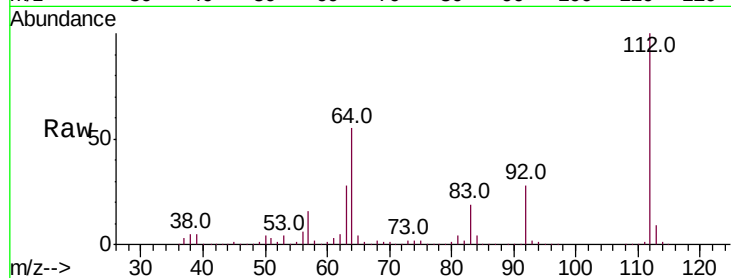
63 28.4 21.8 32.8

Manual Integrations

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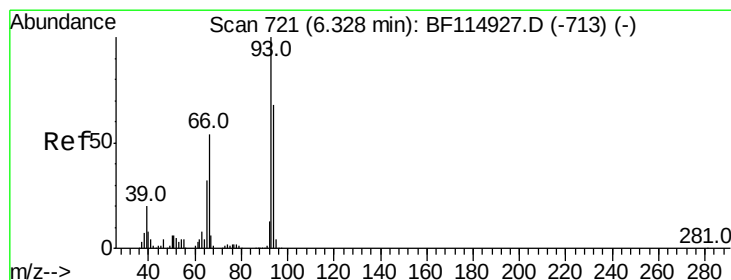
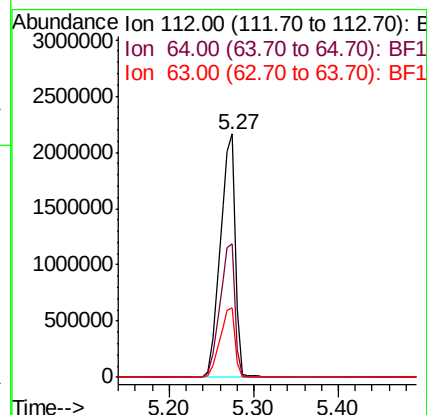
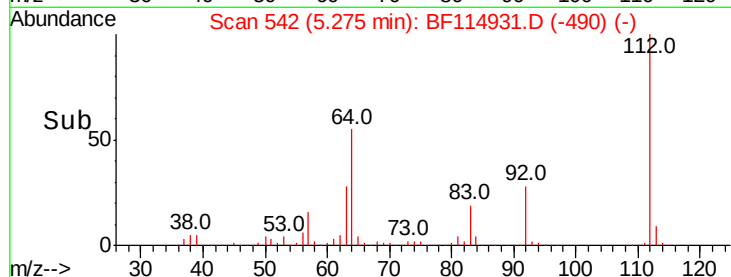
6/12/2019 9:13:53 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 75.550 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

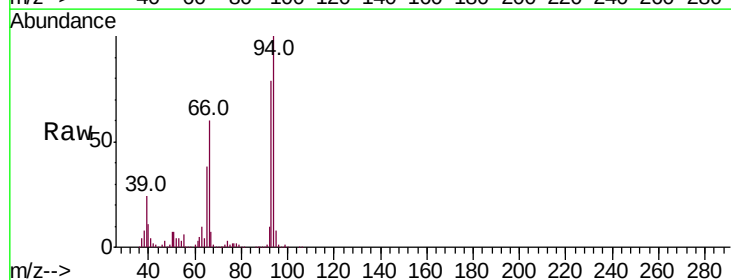
Tgt Ion: 93 Resp: 2168046

Ion Ratio Lower Upper

93 100

66 75.3 43.6 65.4#

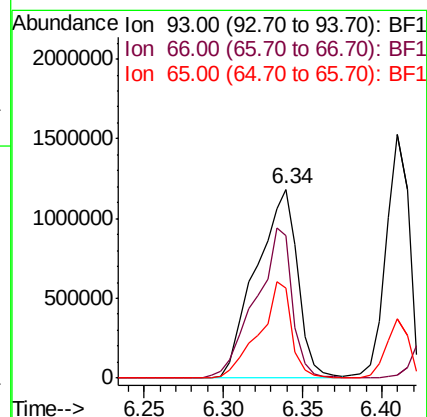
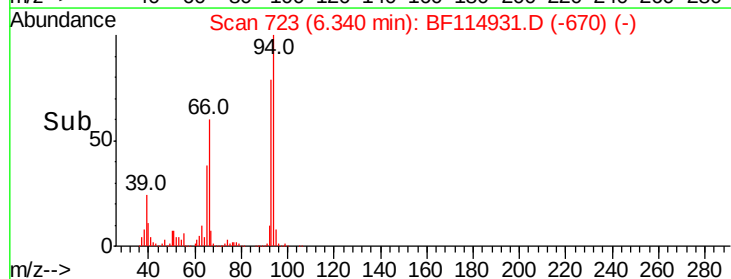
65 47.4 25.7 38.5#

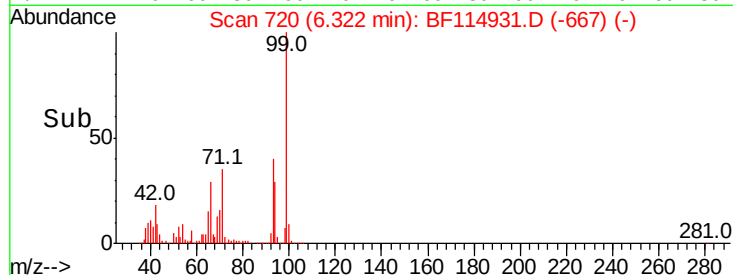
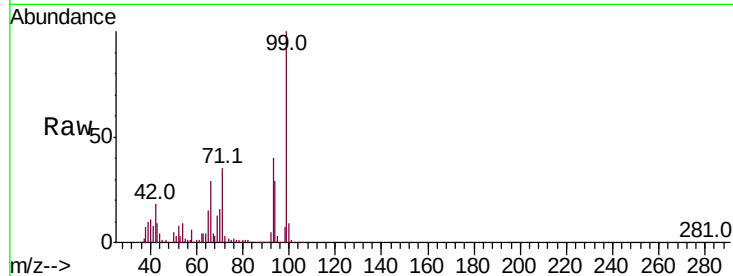
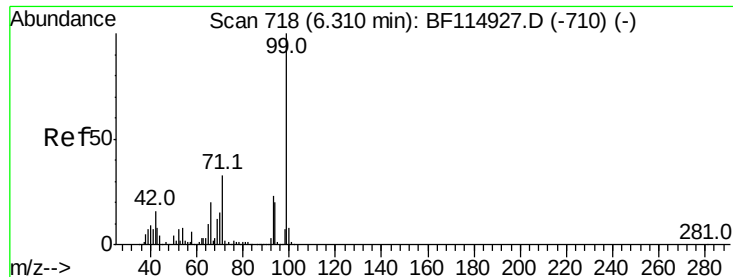


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 159.501 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Tot Ion: 99 Resp: 3225765

Ion Ratio Lower Upper

99 100

42 17.8 13.1 19.7

71 35.1 26.8 40.2

Instrument :

BNA_F

ClientSampleId :

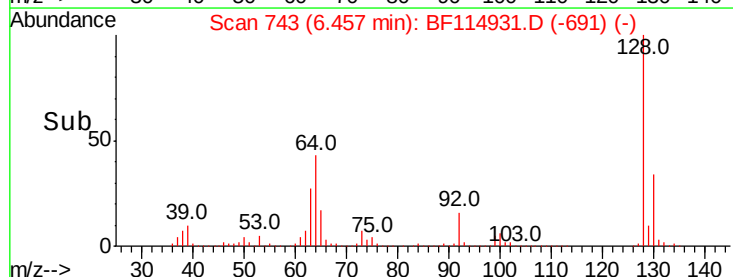
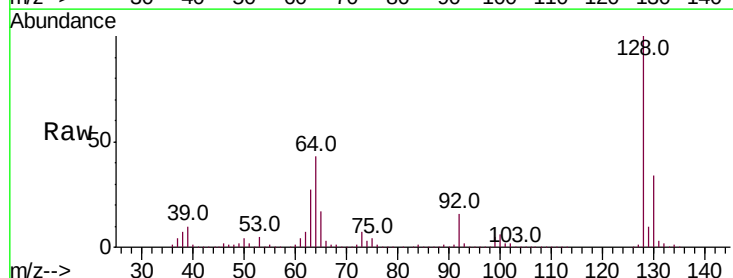
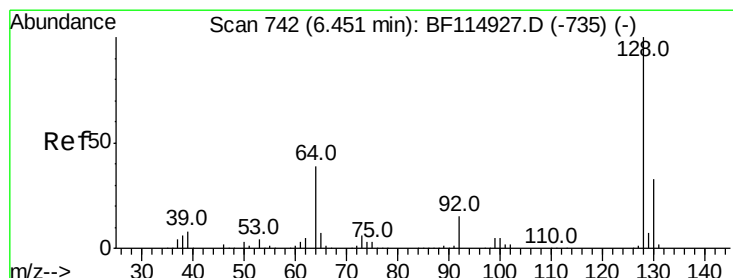
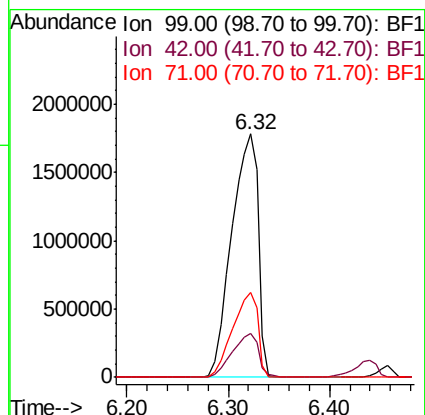
SSTDICC100

Manual Integrations

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#8

2-Chlorophenol

Concen: 81.513 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

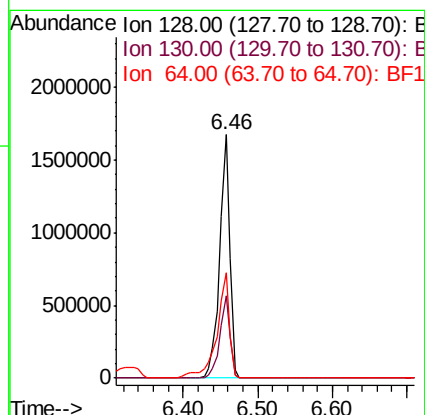
Tgt Ion:128 Resp: 1565345

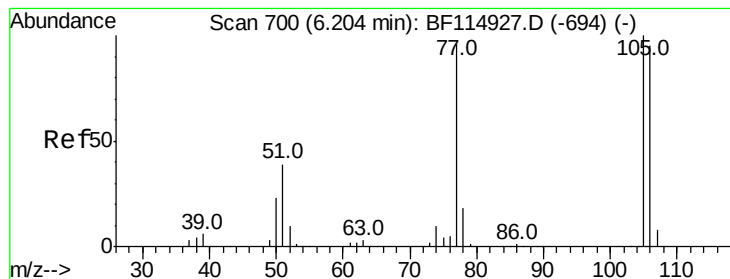
Ion Ratio Lower Upper

128 100

130 33.9 13.3 53.3

64 43.2 19.5 59.5





#9

Benzaldehyde

Concen: 53.066 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion: 77 Resp: 744432

Ion Ratio Lower Upper

77 100

105 101.7 84.5 124.5

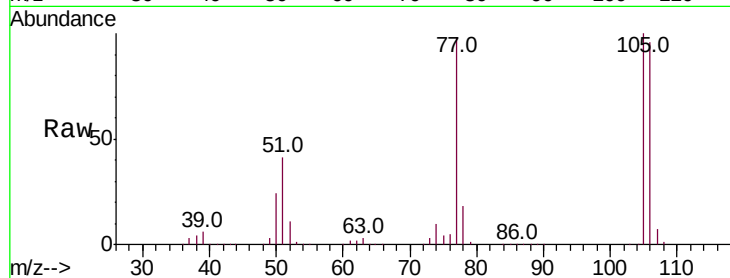
106 97.7 79.2 119.2

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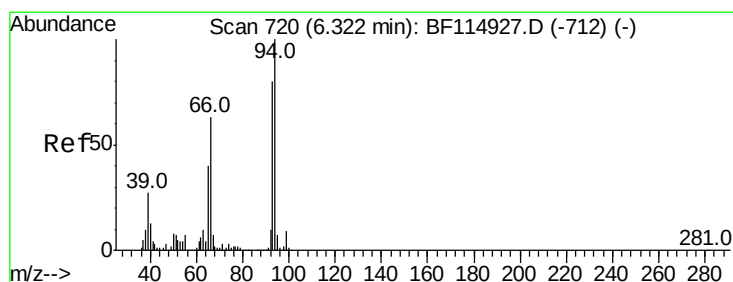
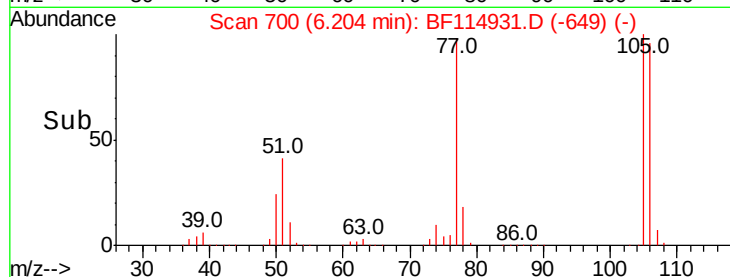
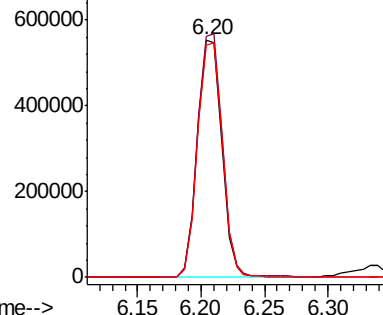
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 79.865 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

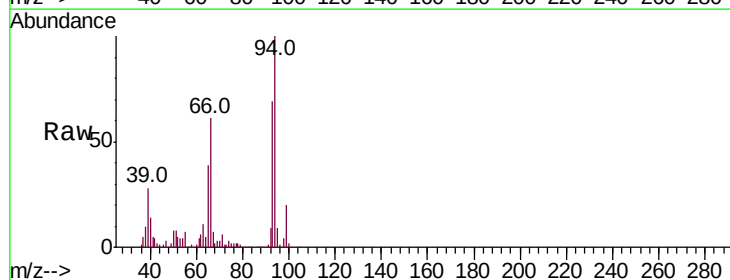
Tgt Ion: 94 Resp: 1847090

Ion Ratio Lower Upper

94 100

65 39.0 19.6 59.6

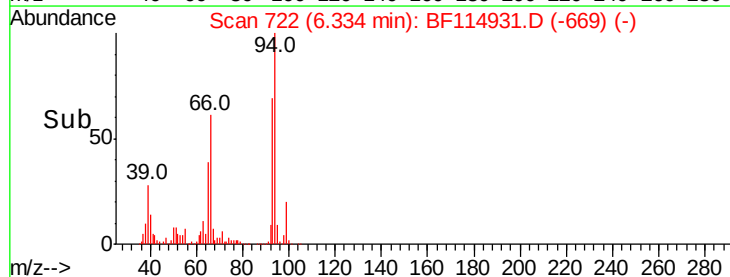
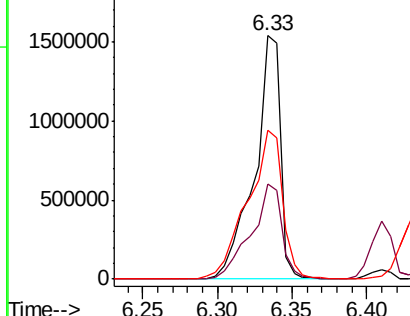
66 61.4 42.6 82.6

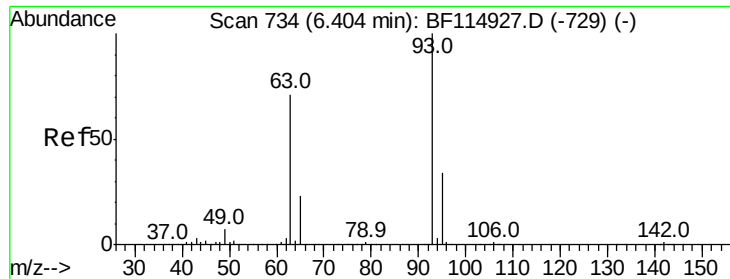


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





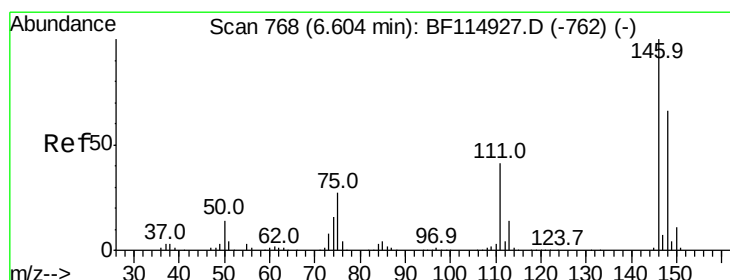
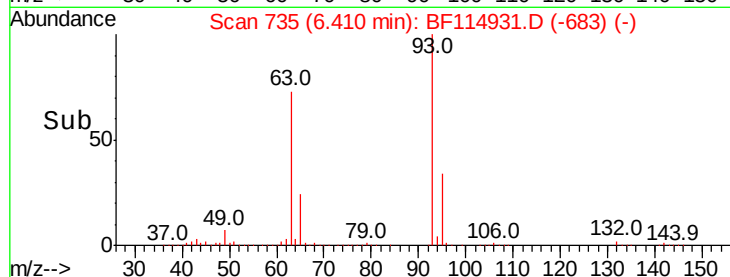
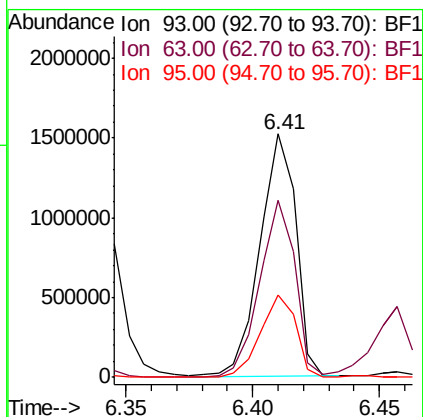
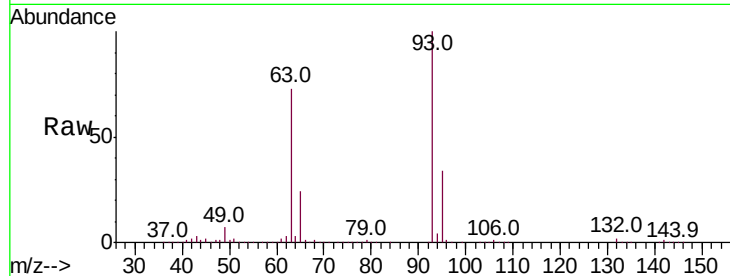
#11
bis(2-Chloroethyl)ether
Concen: 84.032 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion: 93 Resp: 1516745
Ion Ratio Lower Upper
93 100
63 73.0 50.5 90.5
95 33.7 13.6 53.6

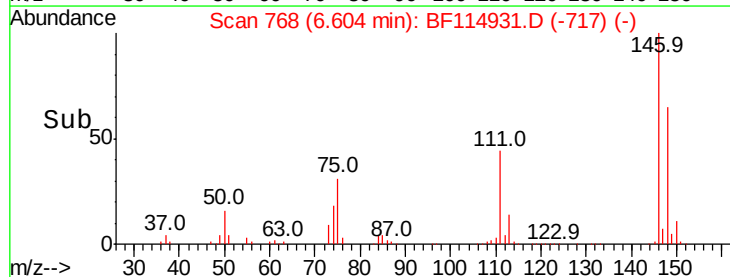
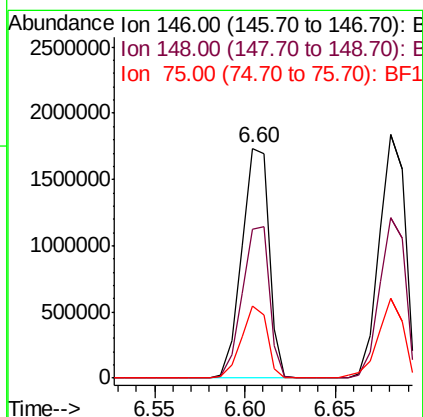
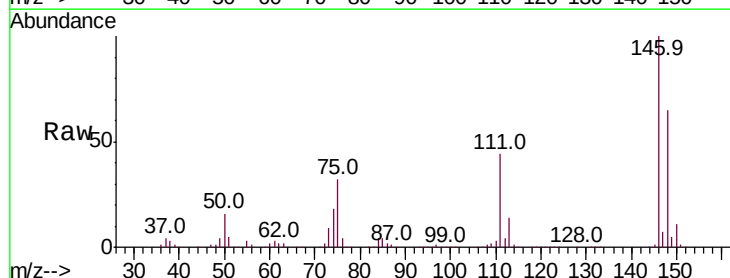
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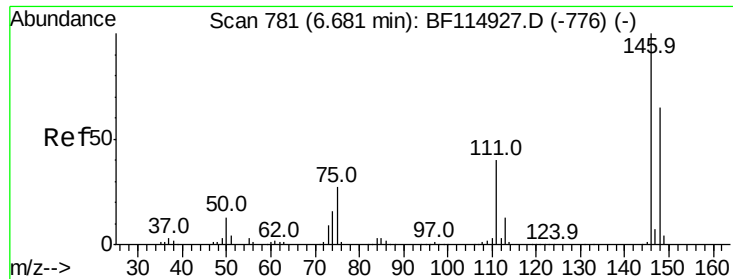
mohammad
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#12
1,3-Dichlorobenzene
Concen: 81.159 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion: 146 Resp: 1816102
Ion Ratio Lower Upper
146 100
148 65.0 52.6 78.8
75 31.6 21.9 32.9





#13
 1,4-Dichlorobenzene
 Concen: 80.731 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF114931.D
 Acq: 10 Jun 2019 13:12

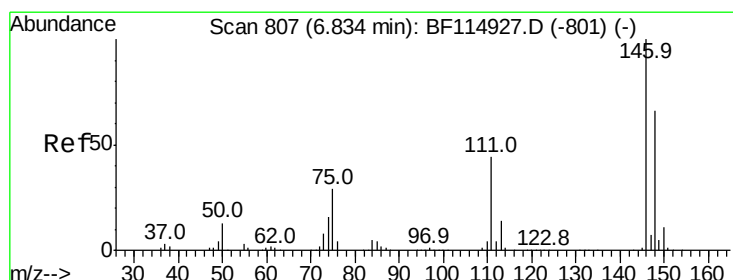
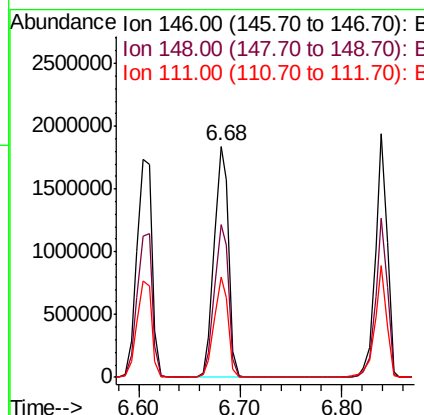
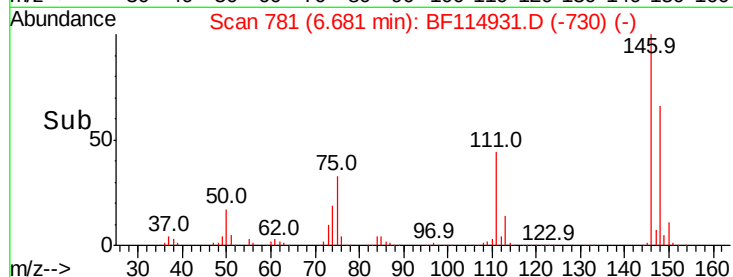
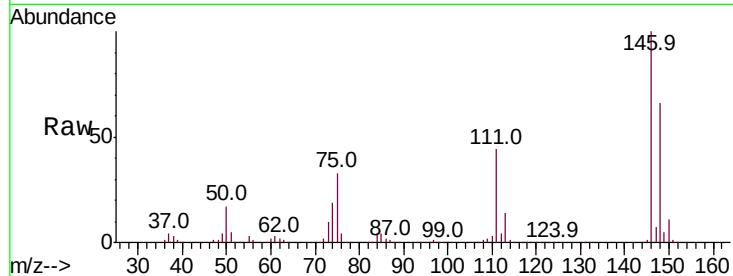
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion:146 Resp: 1817763

Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.3	78.5
111	43.6	31.8	47.8

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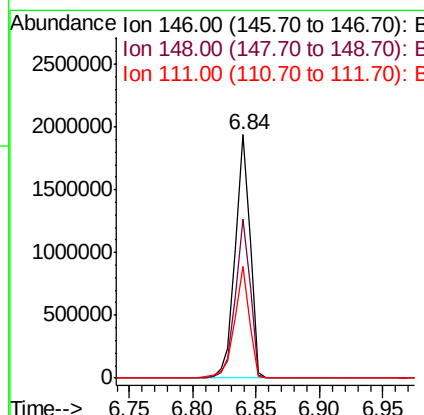
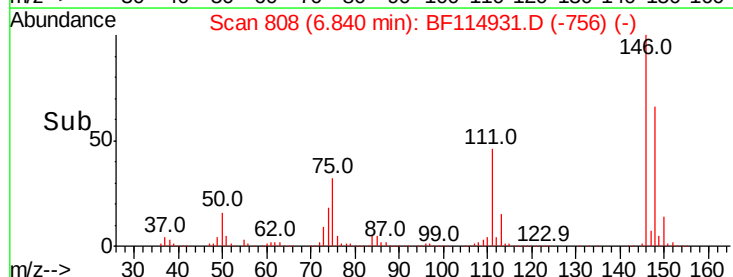
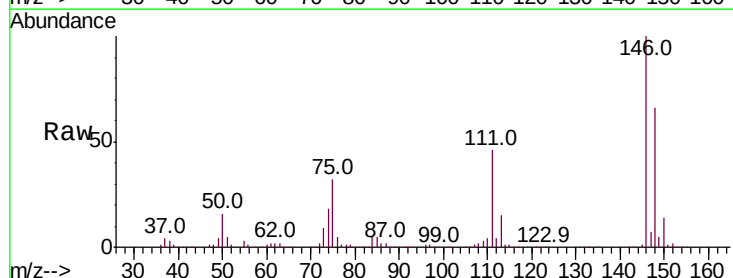
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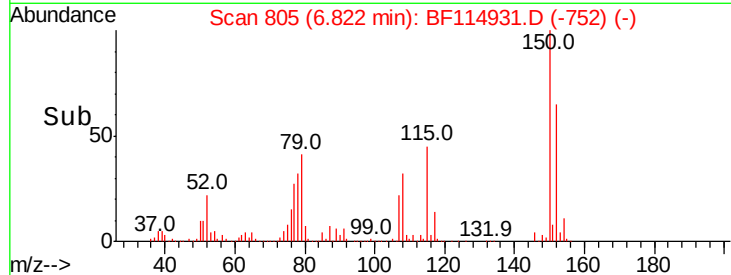
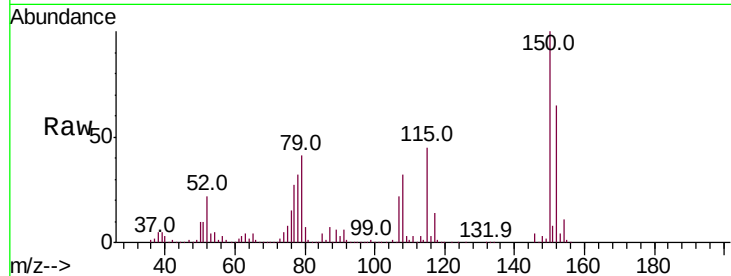
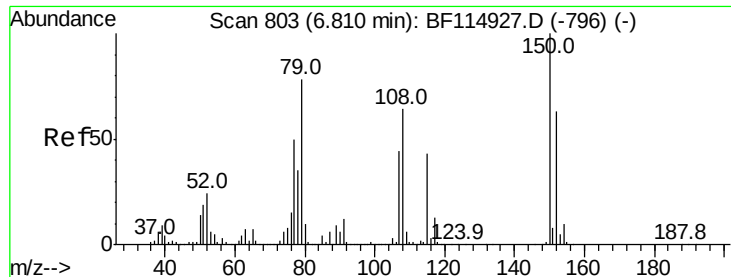


#14
 1,2-Dichlorobenzene
 Concen: 76.557 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: BF114931.D
 Acq: 10 Jun 2019 13:12

Tgt Ion:146 Resp: 1556791

Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.7	79.1
111	46.1	35.4	53.2





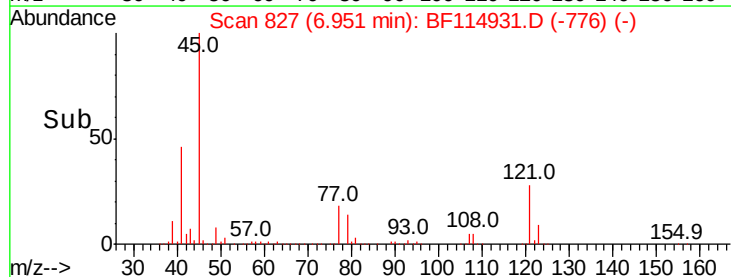
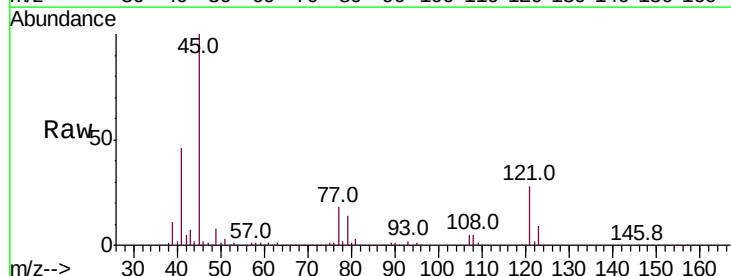
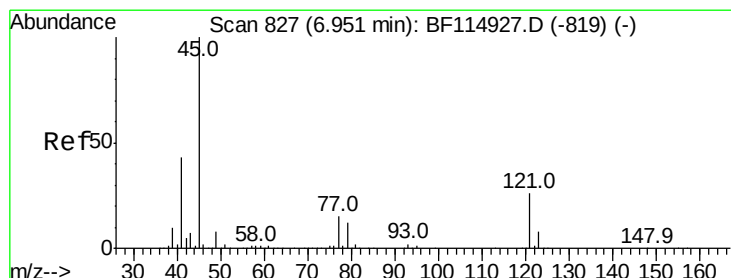
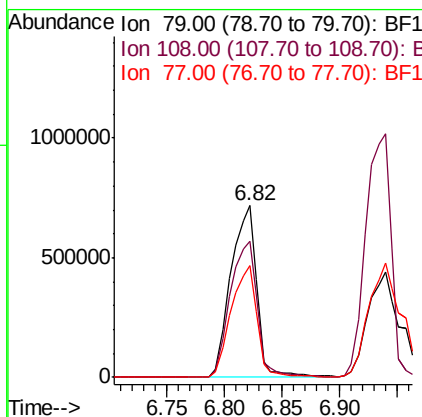
#15
Benzyl Alcohol
Concen: 73.384 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tot Ion: 79 Resp: 1122322
Ion Ratio Lower Upper
79 100
108 79.1 65.5 98.3
77 65.1 51.3 76.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

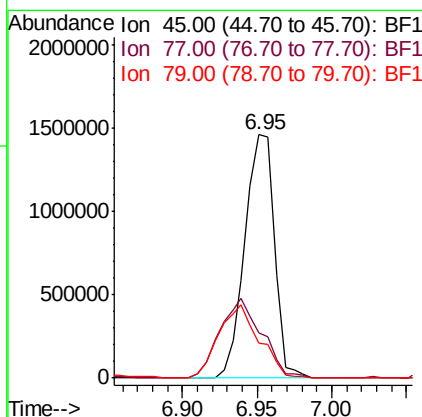
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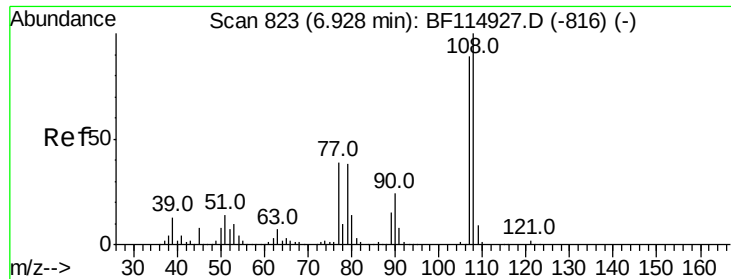
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 77.638 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion: 45 Resp: 2004190
Ion Ratio Lower Upper
45 100
77 18.5 0.0 36.2
79 14.3 0.0 32.7





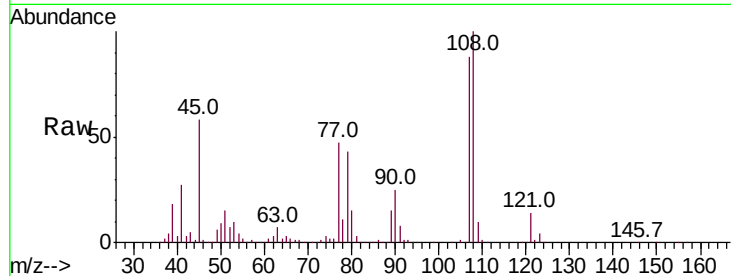
#17
2-Methylphenol
Concen: 83.766 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.2	135.2
77	53.0	35.4	53.0#
79	49.3	34.6	52.0

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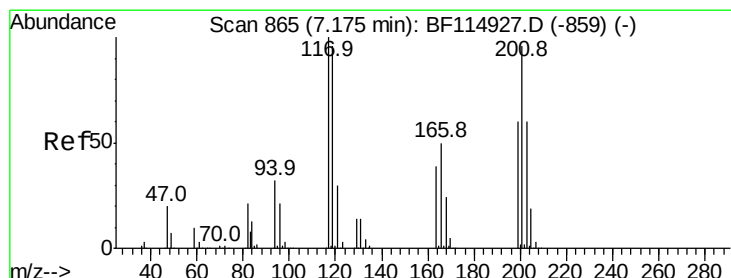
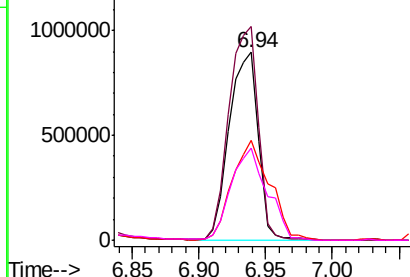
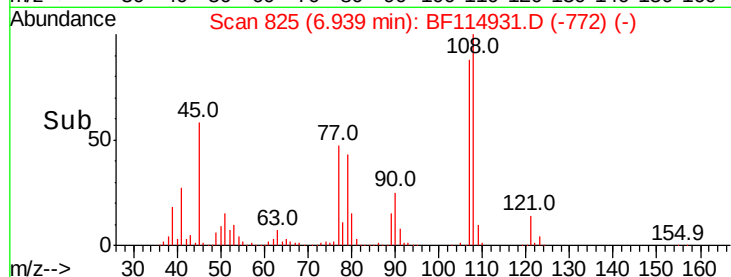
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

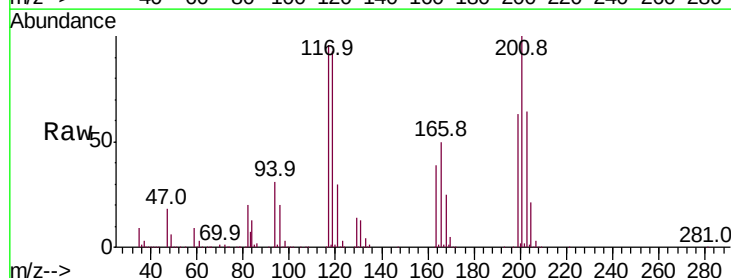
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 81.313 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.6	114.8
201	104.4	77.0	115.6

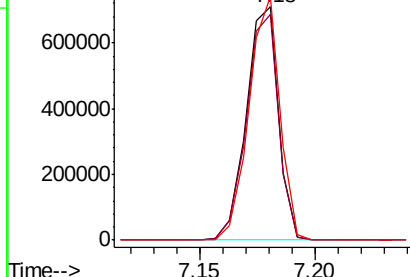
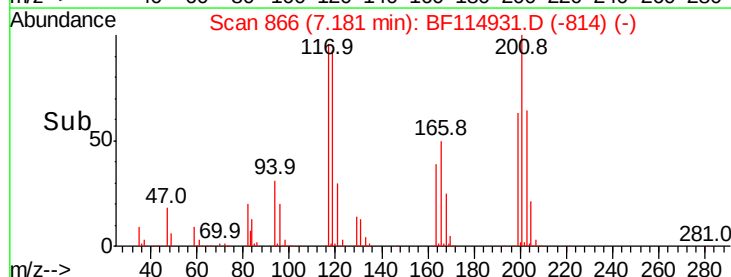


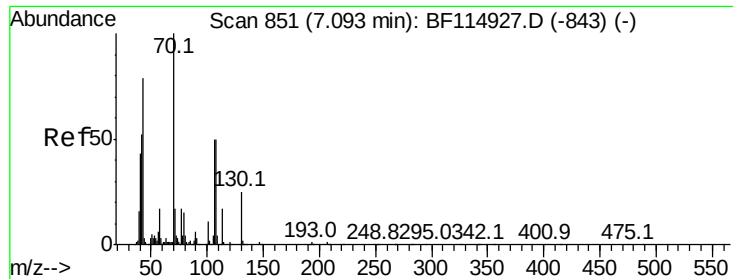
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 80.231 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion: 70 Resp: 1074092

Ion Ratio Lower Upper

70 100

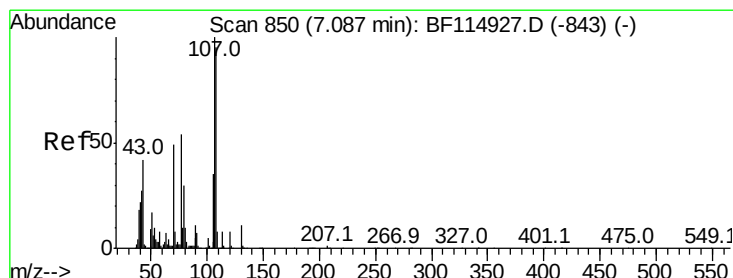
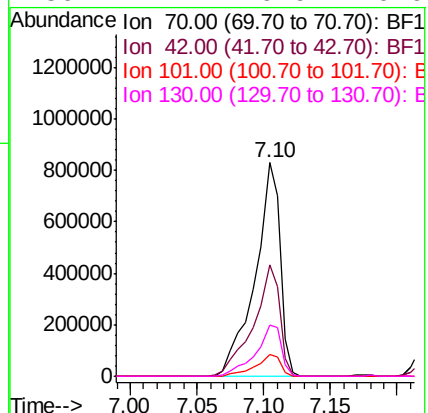
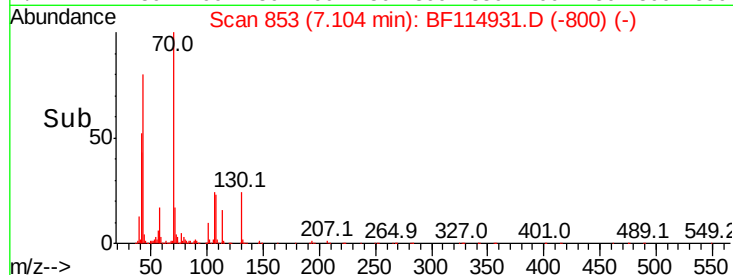
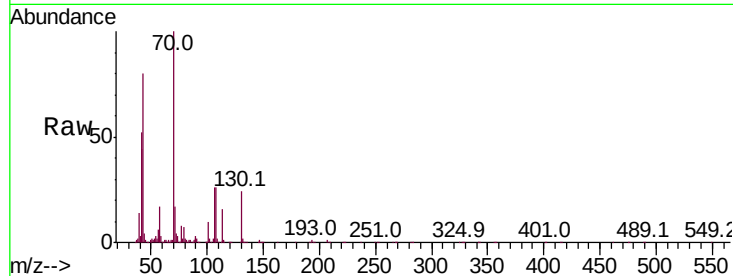
42 52.3 41.7 62.5

101 10.3 8.4 12.6

130 24.2 19.9 29.9

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#20

3+4-Methylphenols

Concen: 74.746 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Tgt Ion: 107 Resp: 1353277

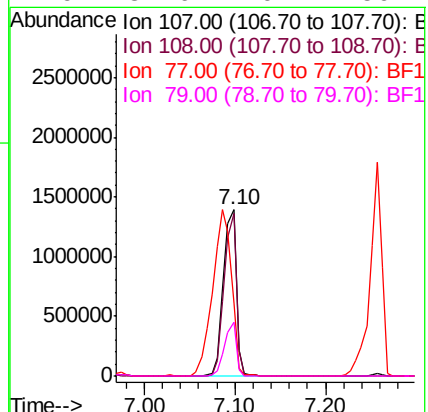
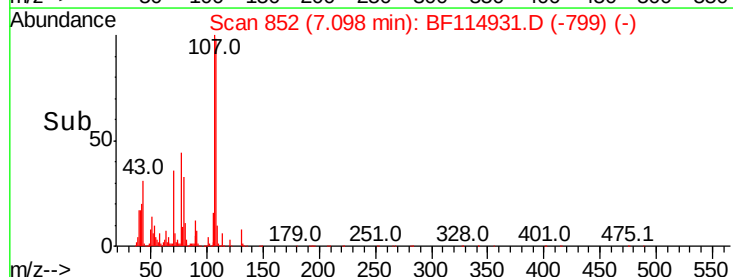
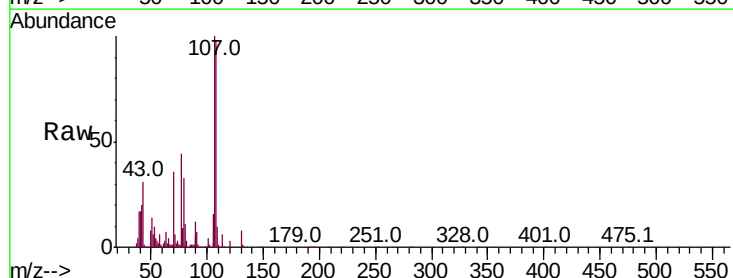
Ion Ratio Lower Upper

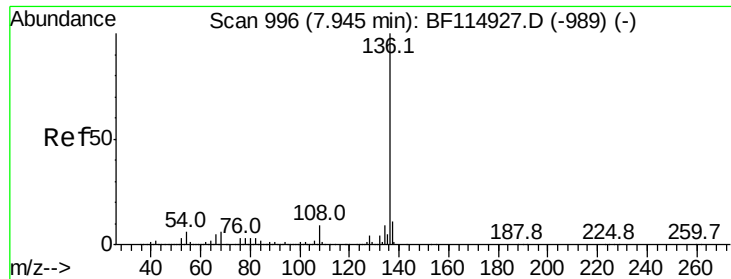
107 100

108 97.8 74.7 114.7

77 43.9 33.7 73.7

79 32.6 10.2 50.2





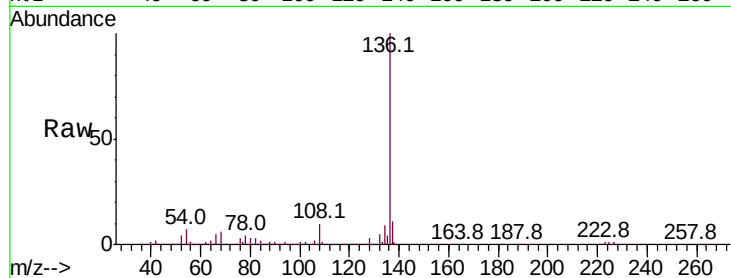
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	6.8	5.2	7.8
68	6.0	4.6	7.0

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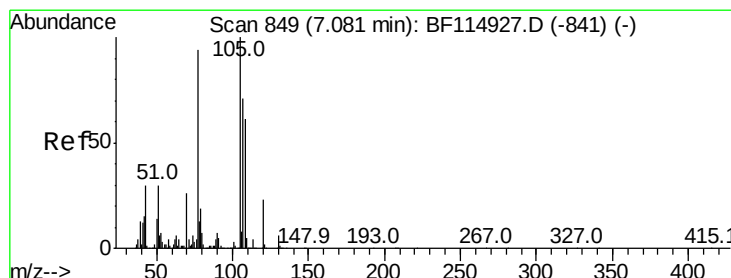
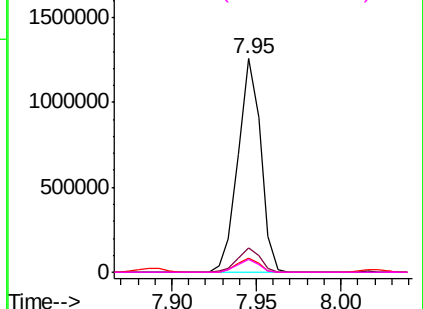
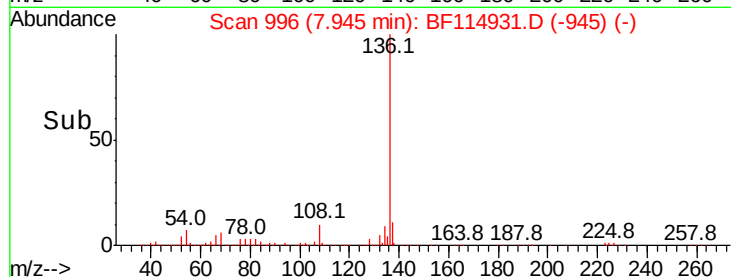
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

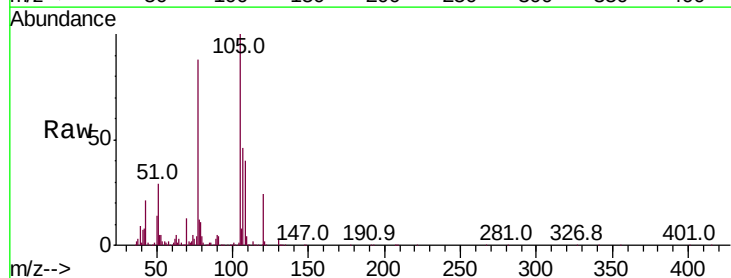
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 82.574 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.3	3.4	5.2#
51	28.9	24.0	36.0
120	23.7	18.8	28.2



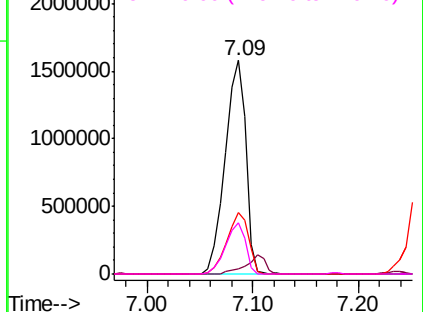
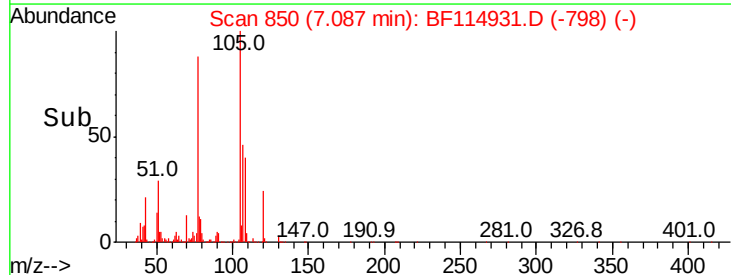
Abundance

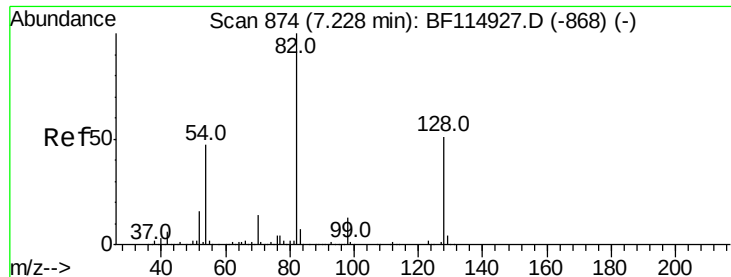
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





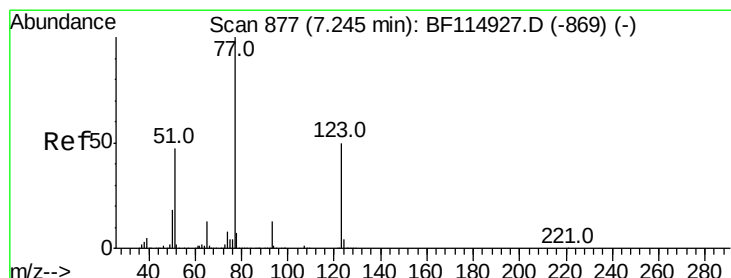
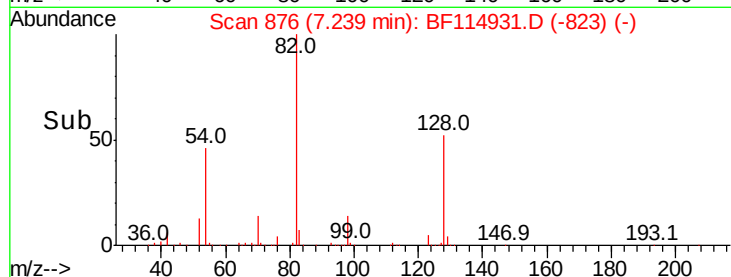
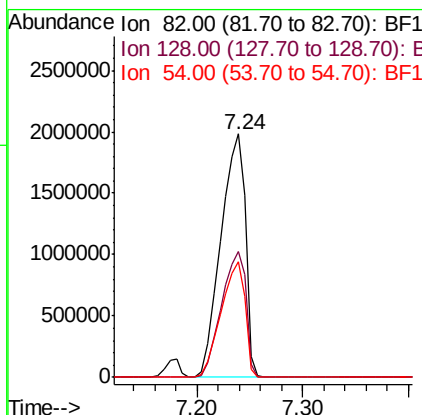
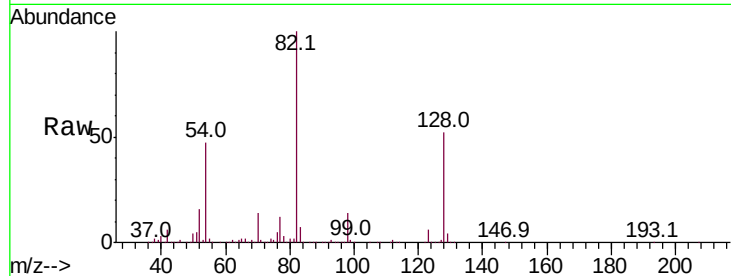
#23
 Nitrobenzene-d5
 Concen: 167.055 ng
 RT: 7.24 min Scan# 876
 Delta R.T. 0.01 min
 Lab File: BF114931.D
 Acq: 10 Jun 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion: 82 Resp: 3188950
 Ion Ratio Lower Upper
 82 100
 128 51.7 40.9 61.3
 54 47.4 37.4 56.0

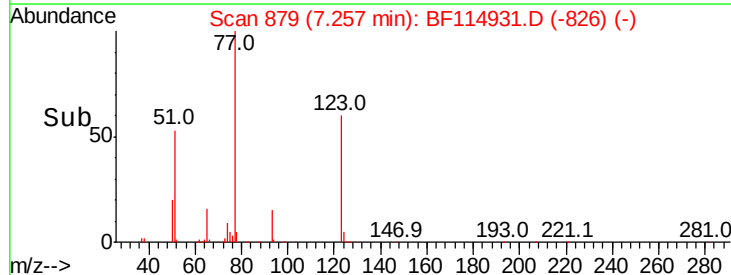
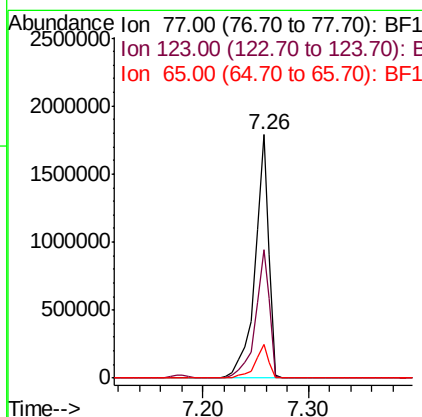
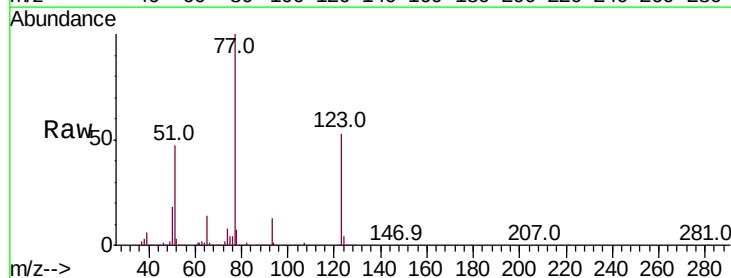
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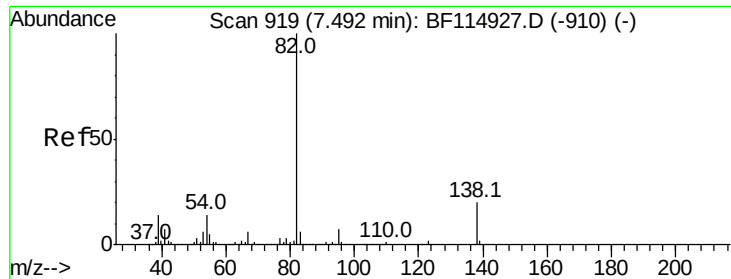
mohammad
 6/12/2019 9:13:53 AM



#24
 Nitrobenzene
 Concen: 82.973 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.01 min
 Lab File: BF114931.D
 Acq: 10 Jun 2019 13:12

Tgt Ion: 77 Resp: 1640875
 Ion Ratio Lower Upper
 77 100
 123 52.5 39.8 59.6
 65 13.9 10.7 16.1





#25

Isophorone

Concen: 85.786 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDIC100

Tot Ion: 82 Resp: 3237428

Ion Ratio Lower Upper

82 100

95 7.5 5.7 8.5

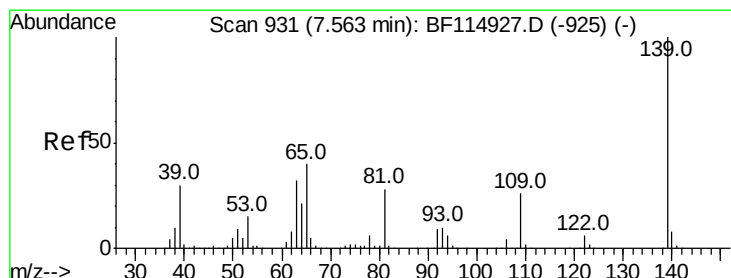
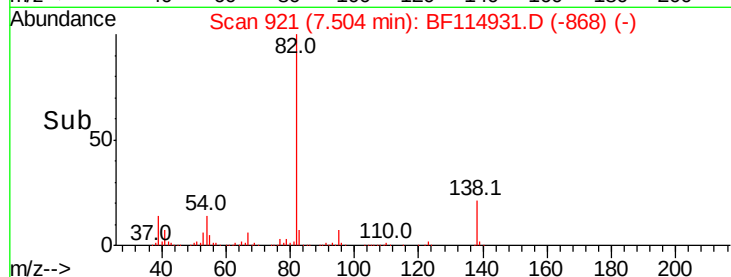
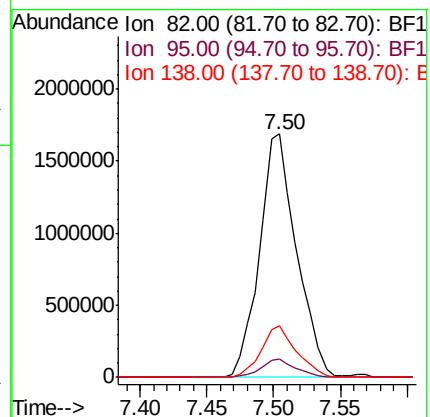
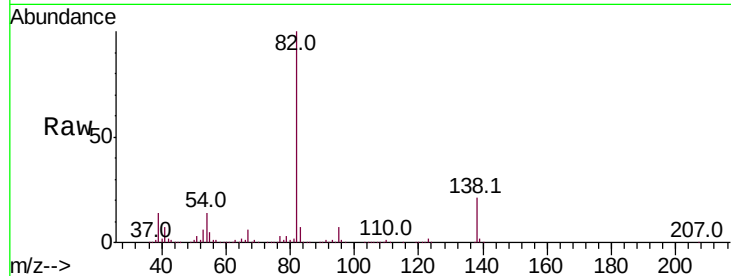
138 21.2 16.4 24.6

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#26

2-Nitrophenol

Concen: 88.614 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

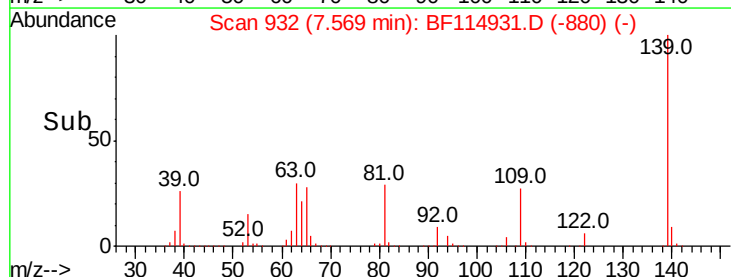
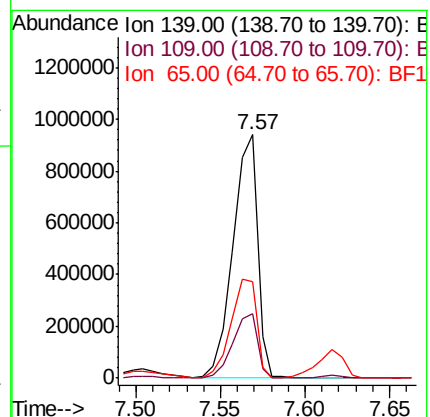
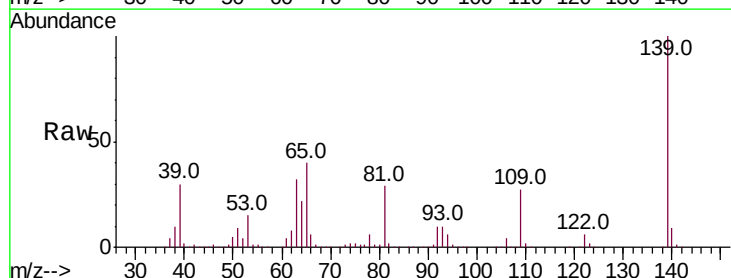
Tgt Ion: 139 Resp: 949138

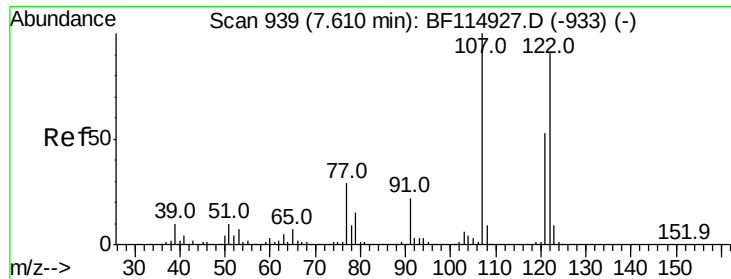
Ion Ratio Lower Upper

139 100

109 26.6 20.6 30.8

65 39.8 32.2 48.2





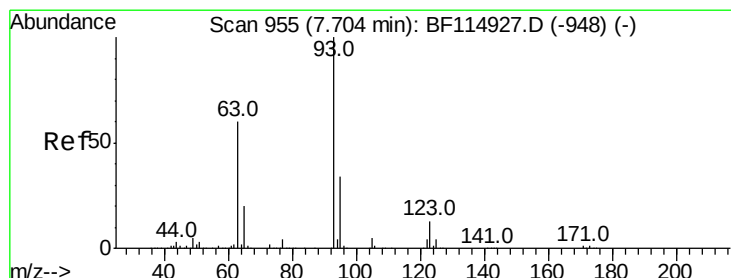
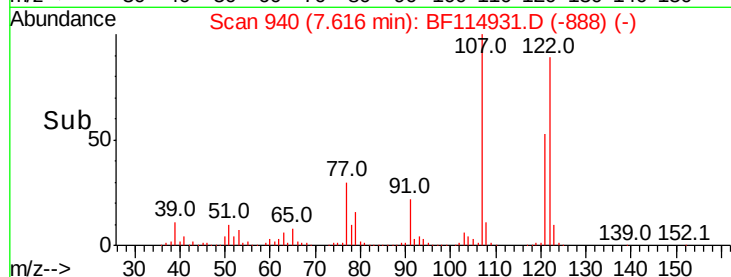
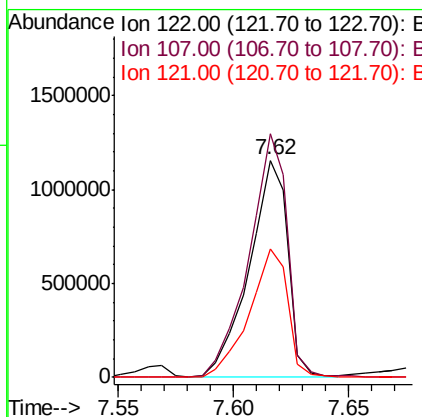
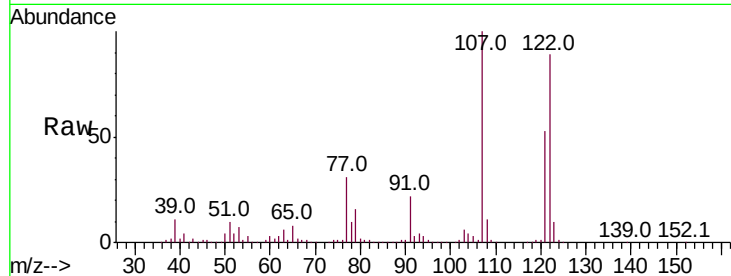
#27
2,4-Dimethylphenol
Concen: 83.013 ng
RT: 7.62 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:122 Resp: 1351419
Ion Ratio Lower Upper
122 100
107 112.0 88.0 132.0
121 58.9 47.0 70.6

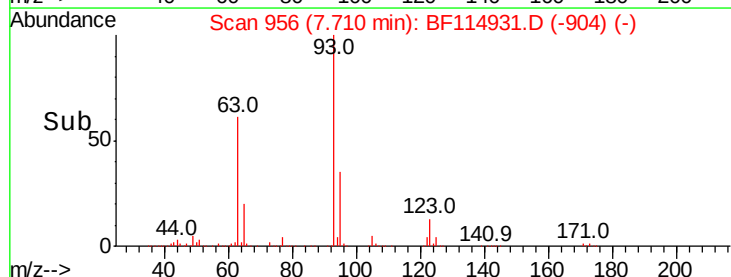
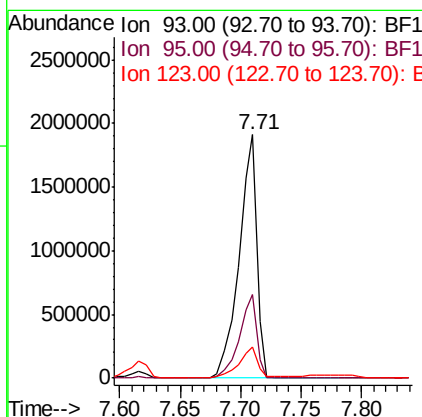
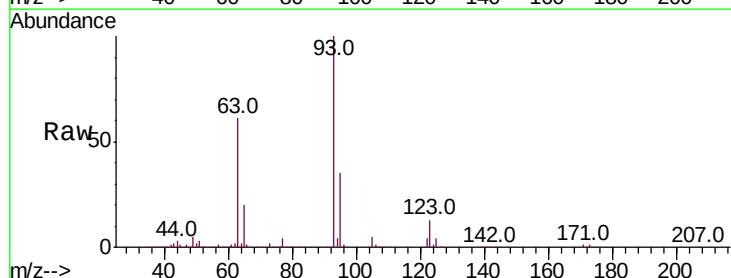
Manual Integrations
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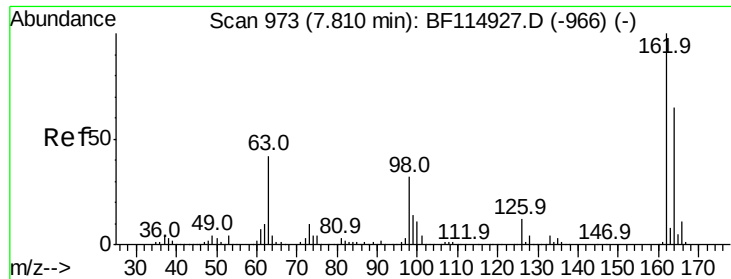
mohammad
6/12/2019 9:13:53 AM



#28
bis(2-Chloroethoxy)methane
Concen: 80.910 ng
RT: 7.71 min Scan# 956
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion: 93 Resp: 1951854
Ion Ratio Lower Upper
93 100
95 34.6 27.0 40.4
123 12.9 10.3 15.5





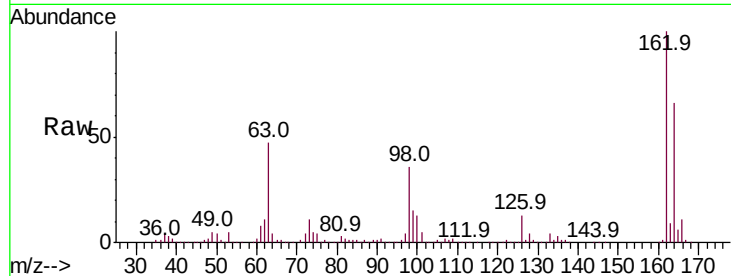
#29
2,4-Dichlorophenol
Concen: 80.530 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	45.4	85.4
98	35.6	12.5	52.5

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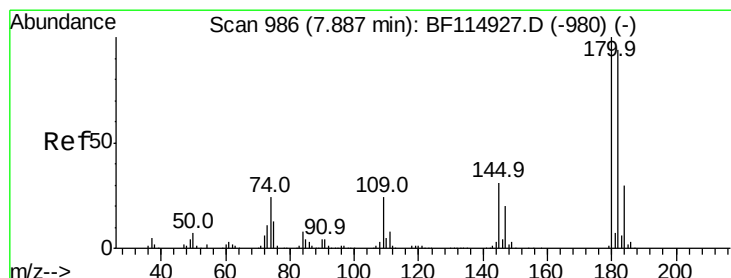
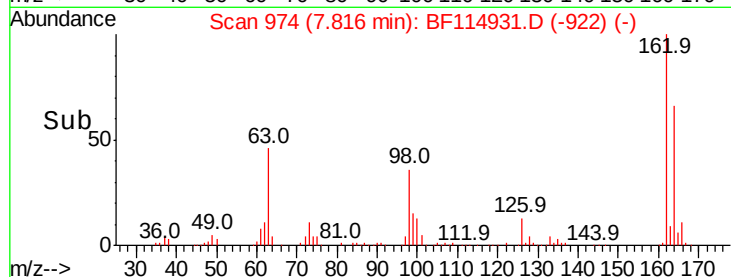
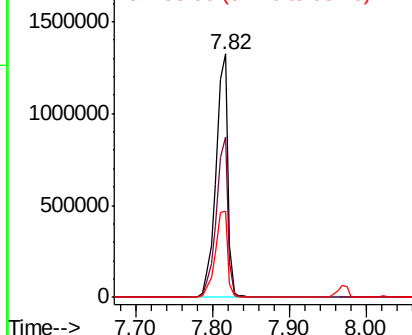


Abundance

Ion 162.00 (161.70 to 162.70): E

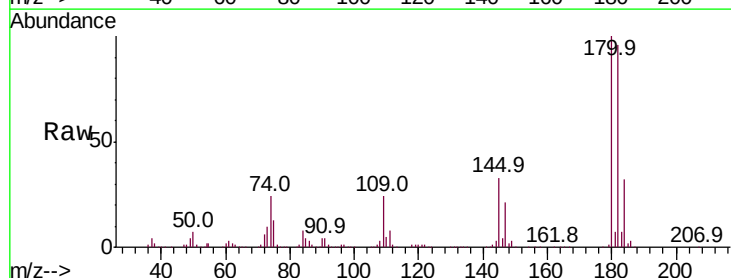
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 79.675 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.0	112.6
145	32.9	25.1	37.7

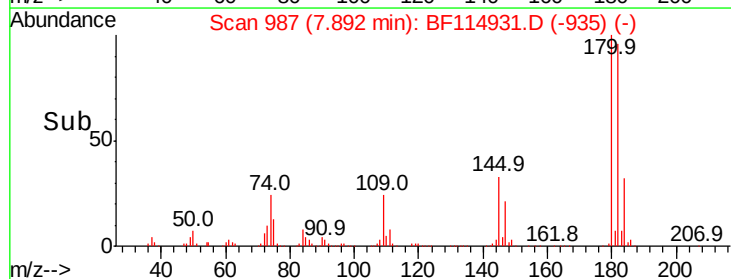
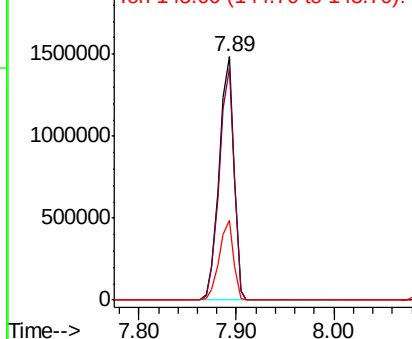


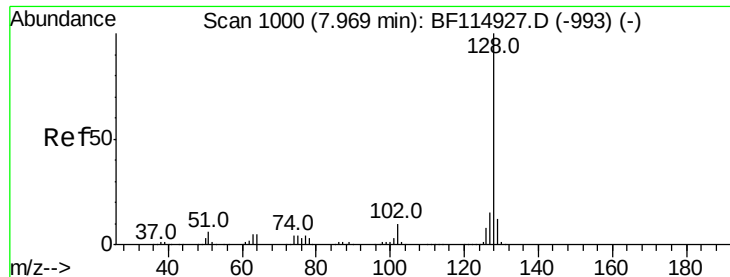
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





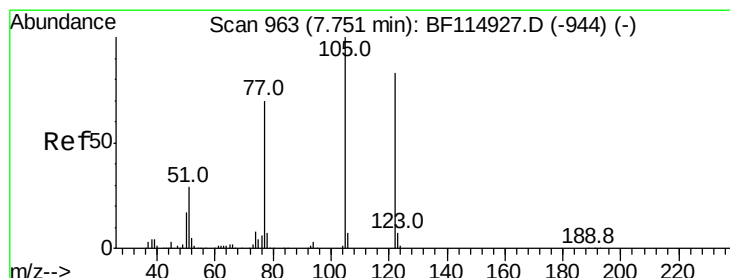
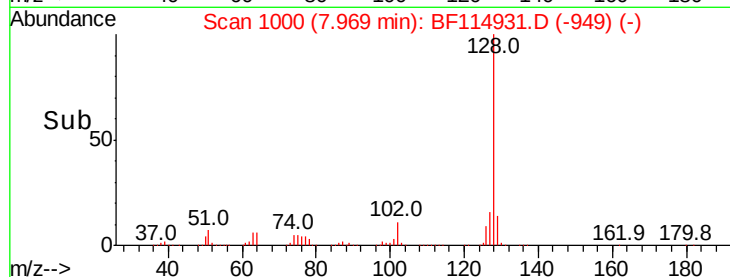
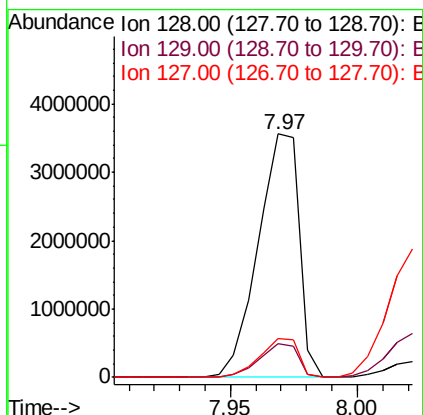
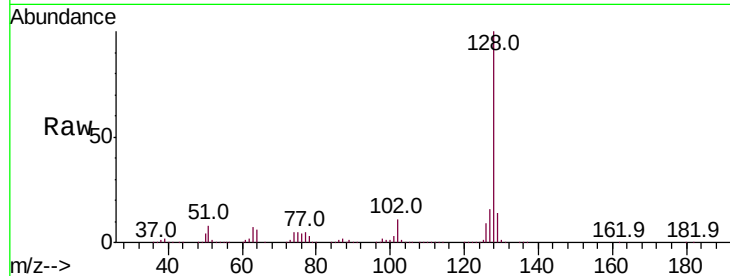
#31
Naphthalene
Concen: 76.398 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:128 Resp: 4041739
Ion Ratio Lower Upper
128 100
129 13.9 9.8 14.8
127 16.0 11.8 17.6

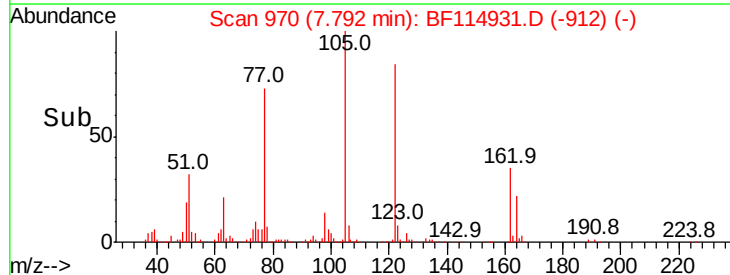
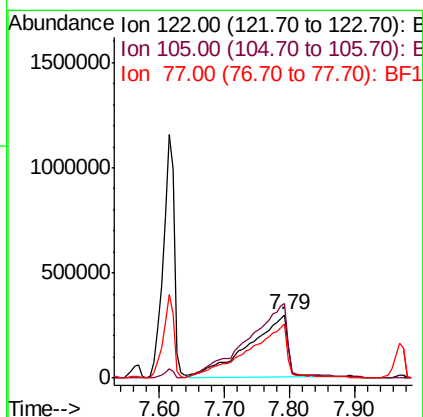
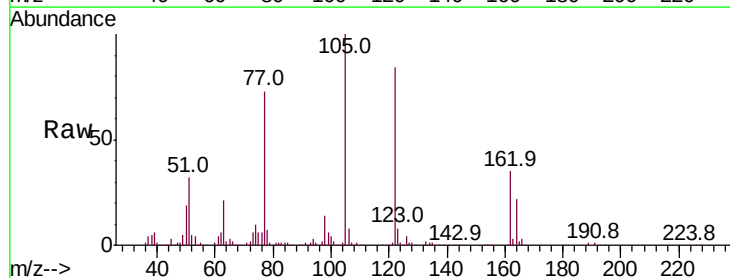
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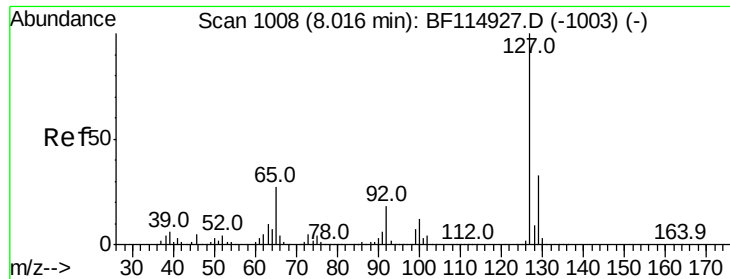
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#32
Benzoic acid
Concen: 102.857 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.04 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion:122 Resp: 1219574
Ion Ratio Lower Upper
122 100
105 118.5 97.7 137.7
77 86.2 63.0 103.0





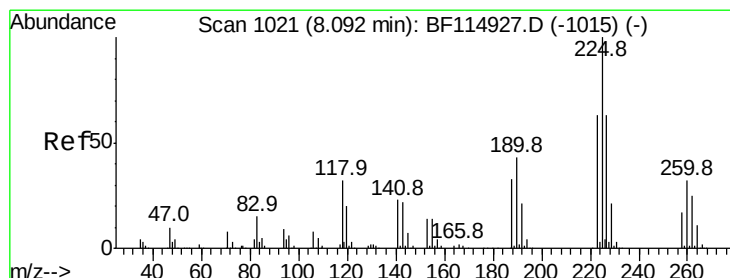
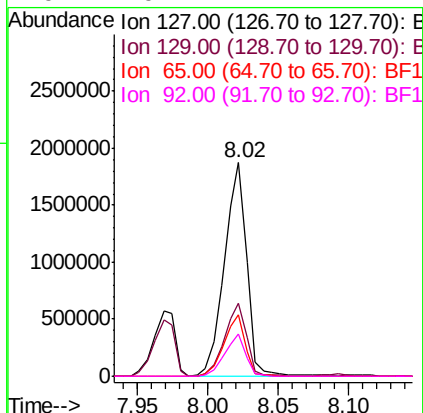
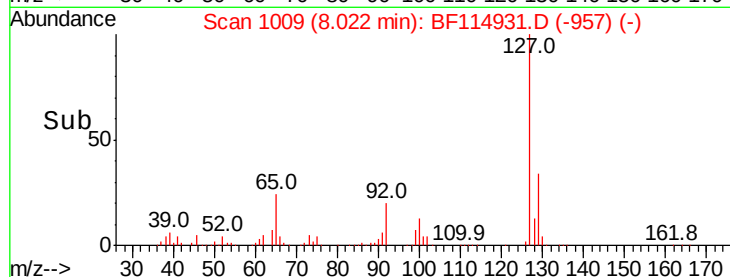
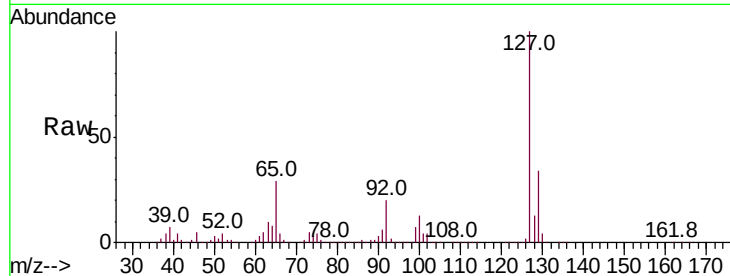
#33
4-Chloroaniline
Concen: 81.026 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.3	26.6	40.0
65	28.6	21.5	32.3
92	19.7	14.7	22.1

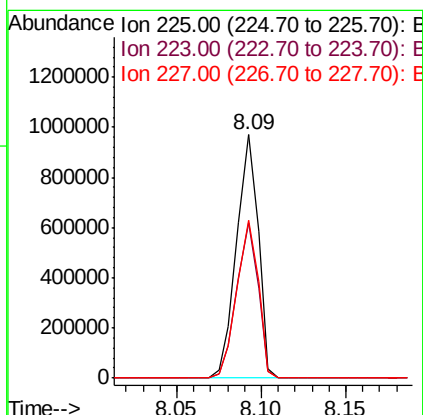
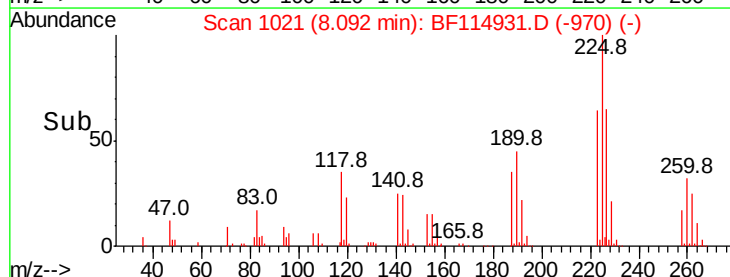
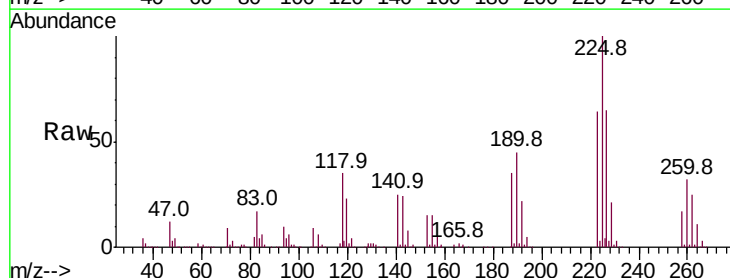
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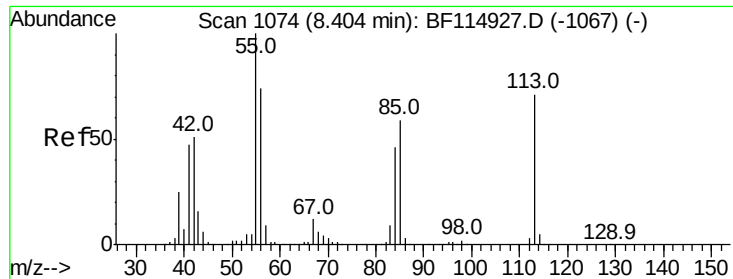
mohammad
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#34
Hexachlorobutadiene
Concen: 77.572 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	75.8
227	64.6	50.6	75.8





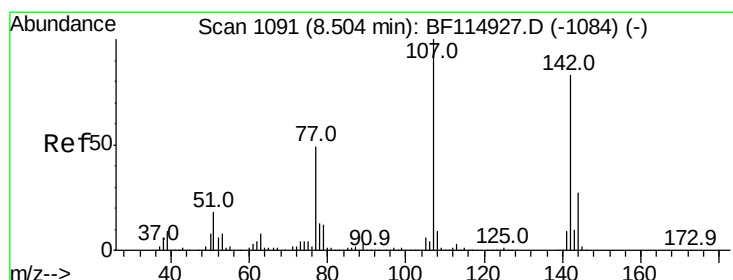
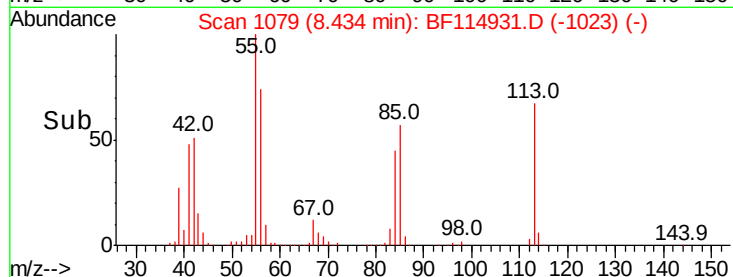
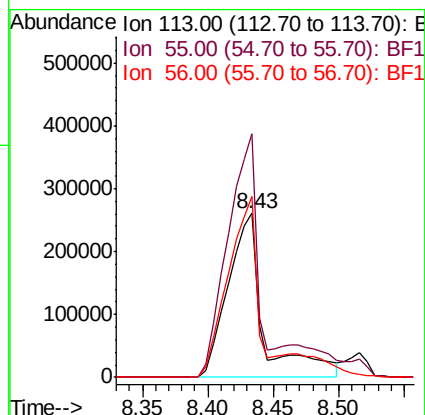
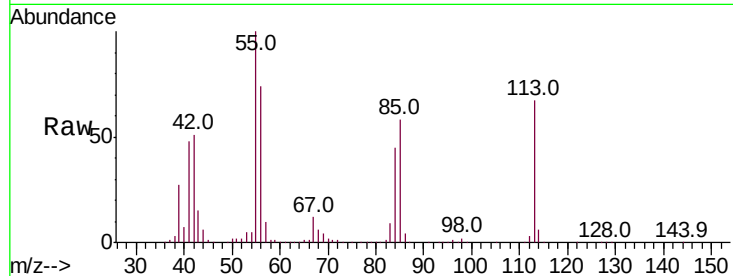
#35
Caprolactam
Concen: 88.343 ng/ml
RT: 8.43 min Scan# 1079
Delta R.T. 0.03 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
113	100		
55	148.7	120.9	160.9
56	110.6	84.3	124.3

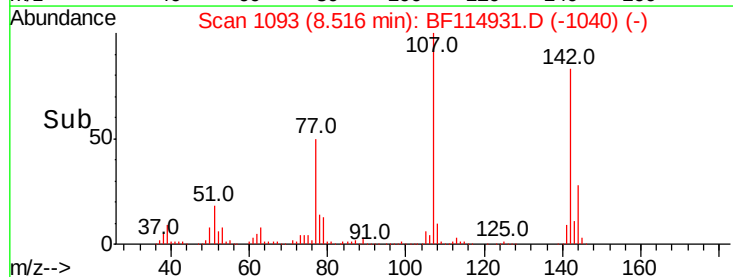
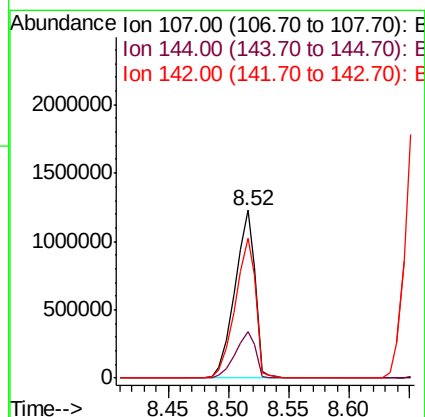
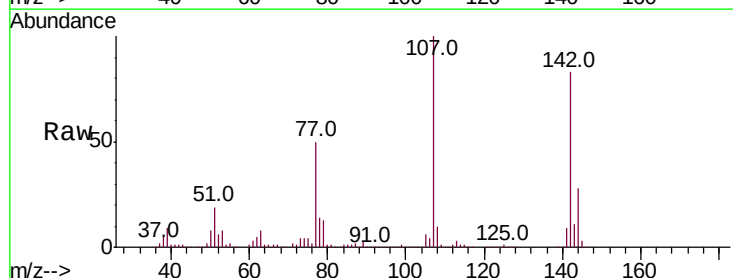
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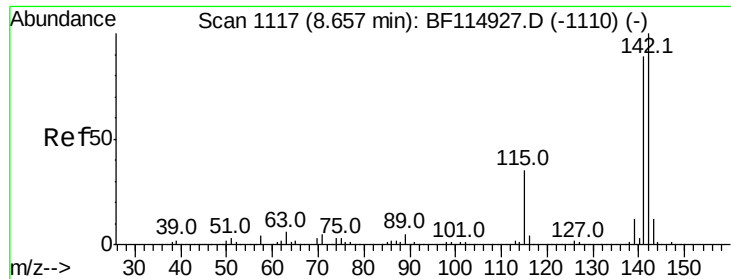
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 83.646 ng/ml
RT: 8.52 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.6	21.6	32.4
142	83.2	66.1	99.1





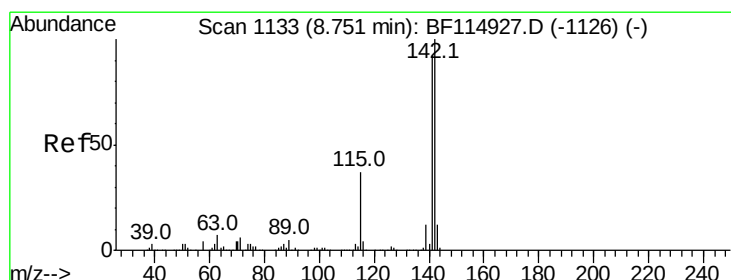
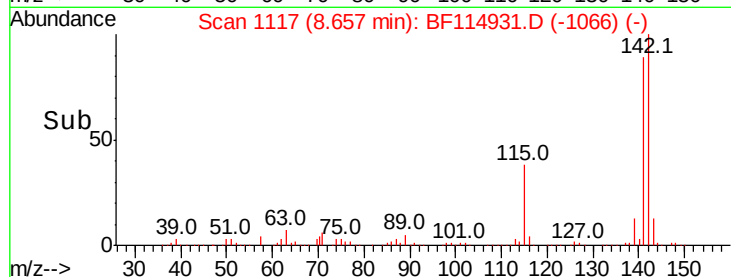
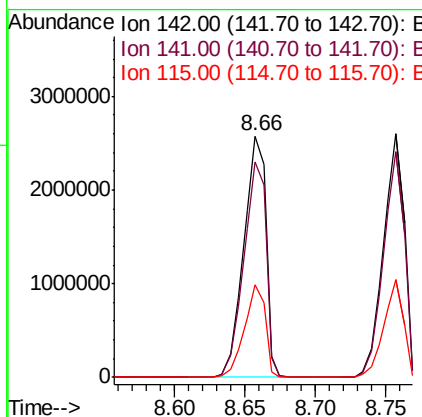
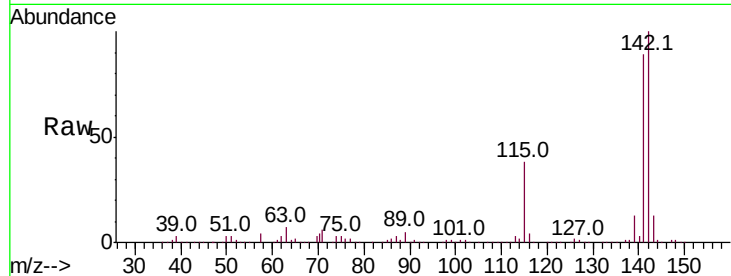
#37
2-Methylnaphthalene
Concen: 77.276 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.1	106.7
115	38.4	27.8	41.6

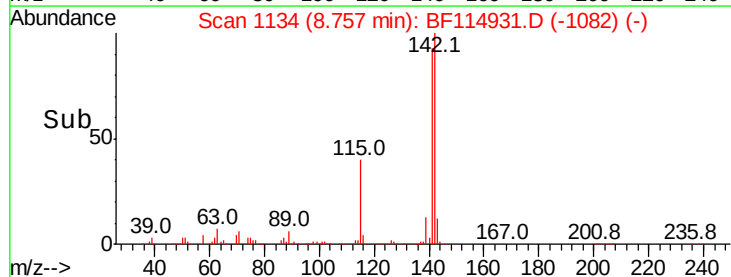
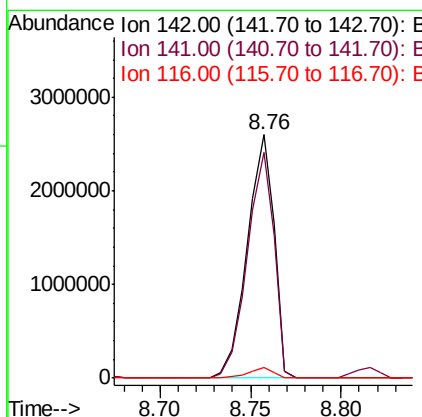
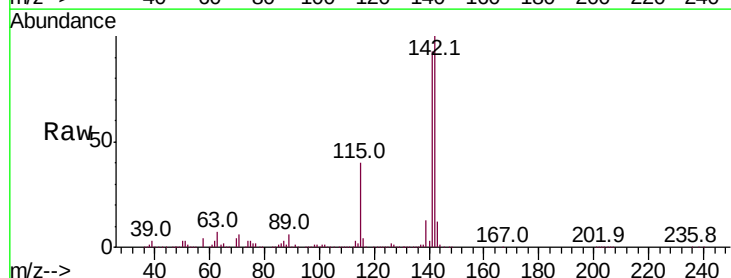
Manual Integrations
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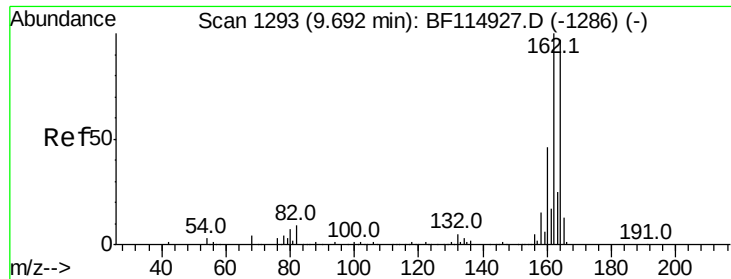
mohammad
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#38
1-Methylnaphthalene
Concen: 76.446 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.7	110.5
116	4.3	3.1	4.7





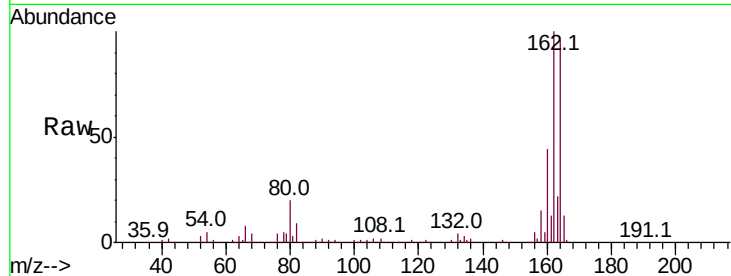
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.8	82.4	123.6	
160	45.6	37.5	56.3	

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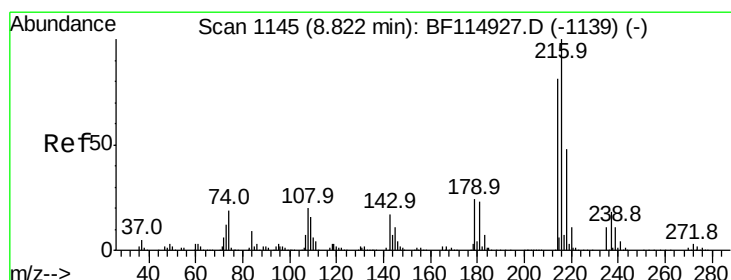
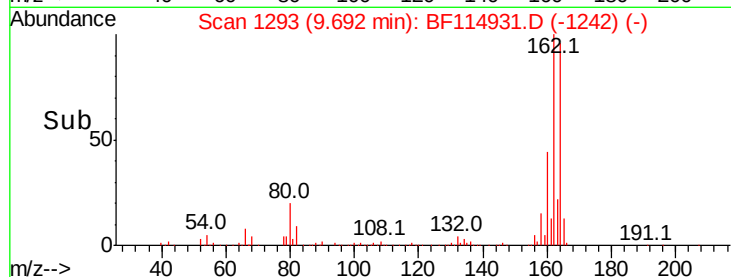
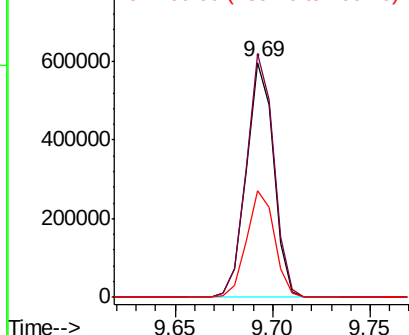


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 76.702 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.2	63.8	95.8	
179	23.4	18.5	27.7	
108	19.6	15.6	23.4	

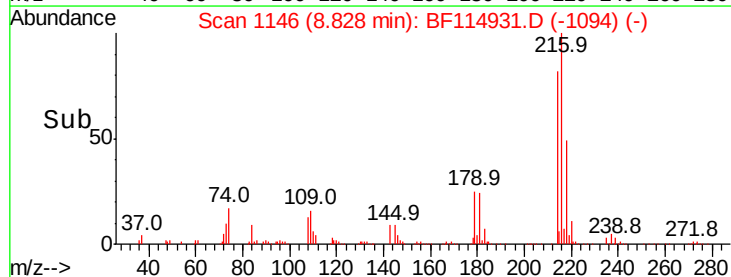
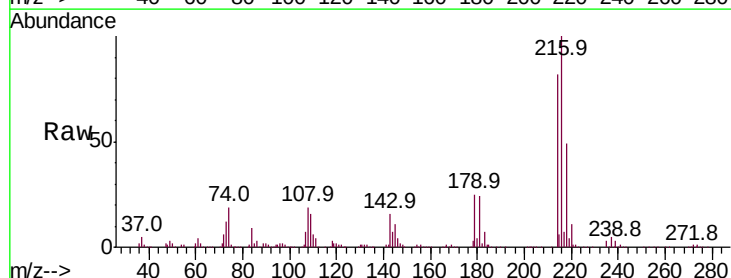
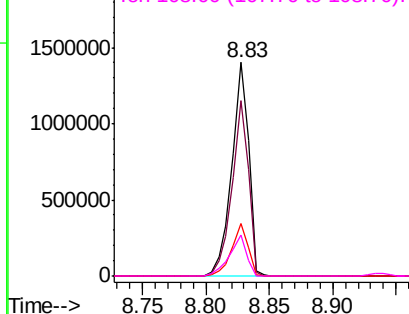
Abundance

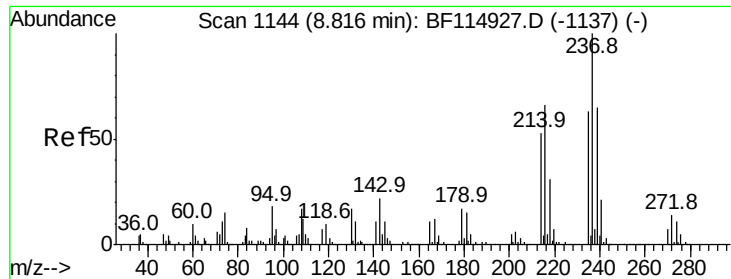
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 83.584 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

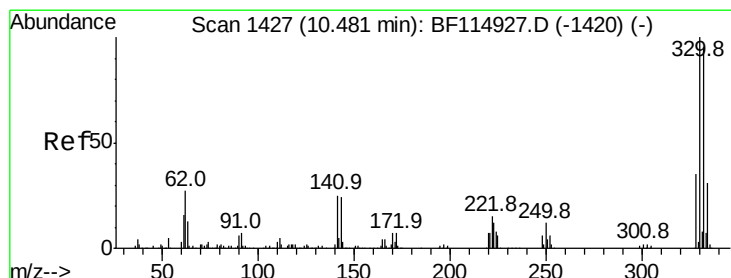
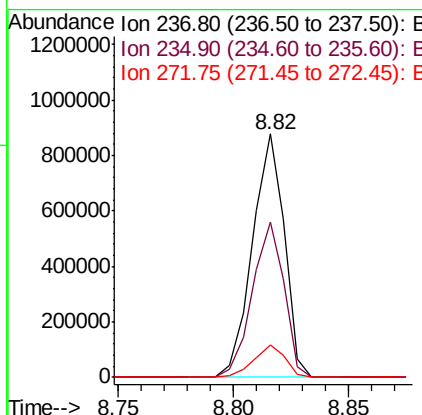
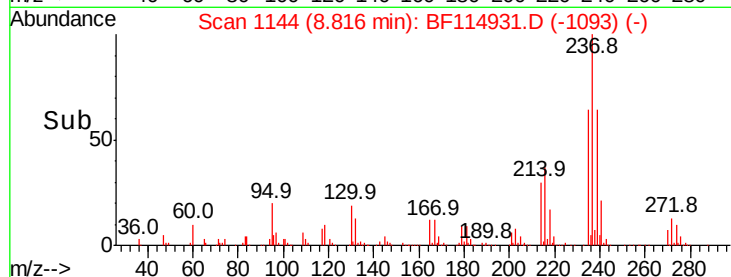
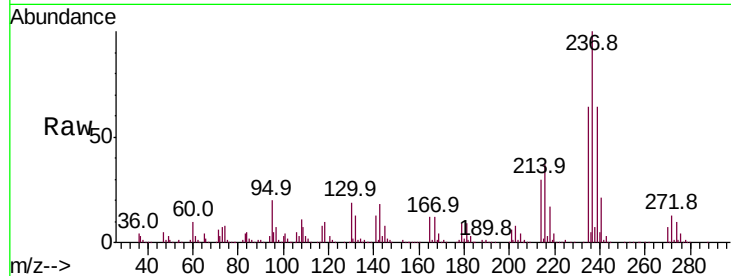
ClientSampleId :

SSTDICC100

Tot Ion:	237	Resp:	845759
Ion Ratio	Lower	Upper	
237	100		
235	63.9	43.3	83.3
272	13.4	0.0	33.5

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 158.311 ng

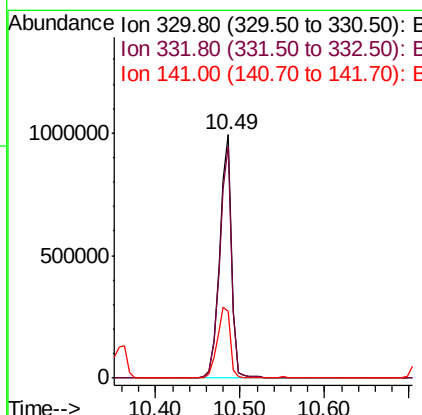
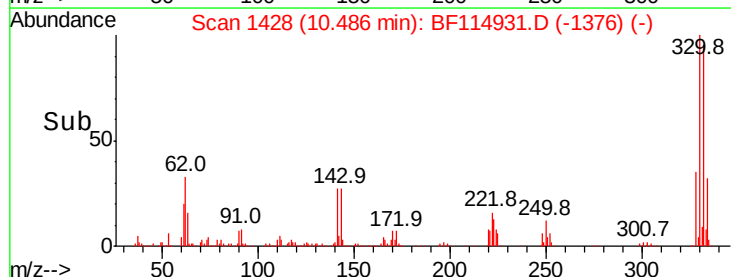
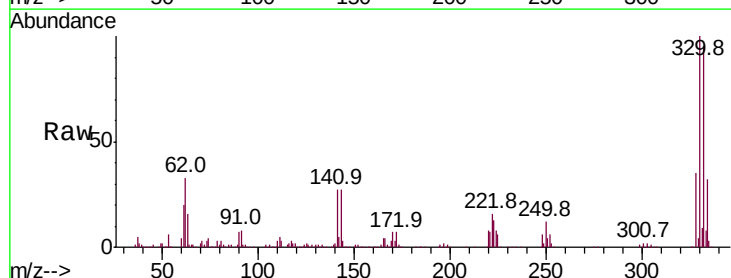
RT: 10.49 min Scan# 1428

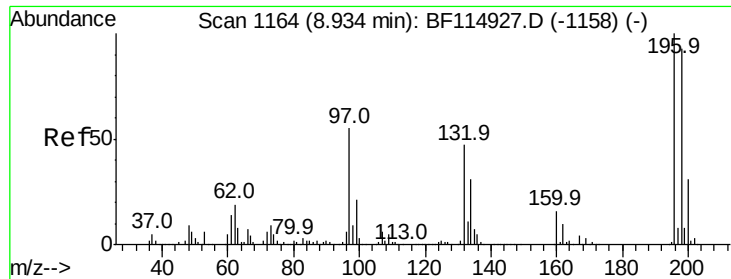
Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Tgt Ion:	330	Resp:	987686
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.4	114.6
141	32.6	26.8	40.2





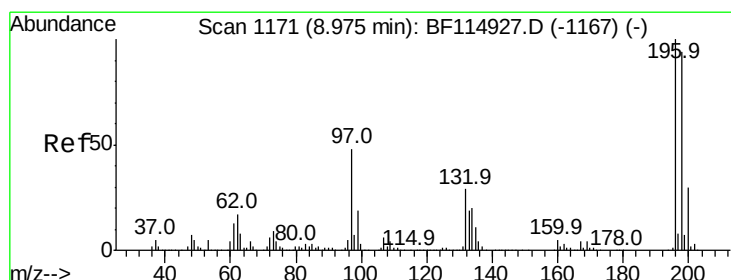
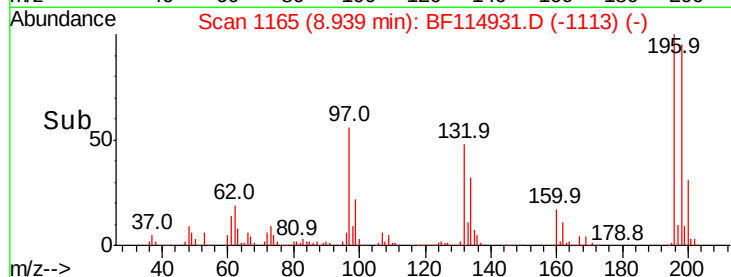
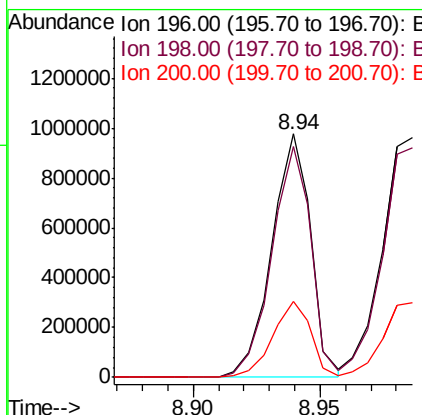
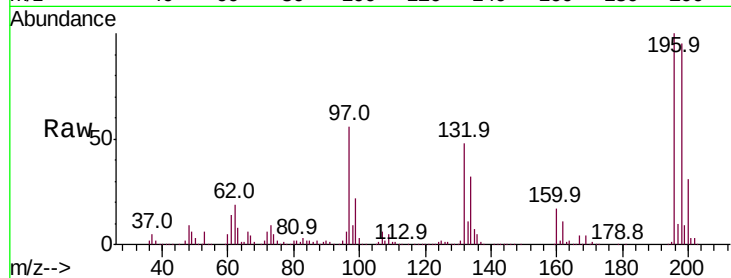
#43
 2,4,6-Trichlorophenol
 Concen: 80.747 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BF114931.D
 Acq: 10 Jun 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion:196 Resp: 1047549
 Ion Ratio Lower Upper
 196 100
 198 94.7 74.8 112.2
 200 31.2 24.5 36.7

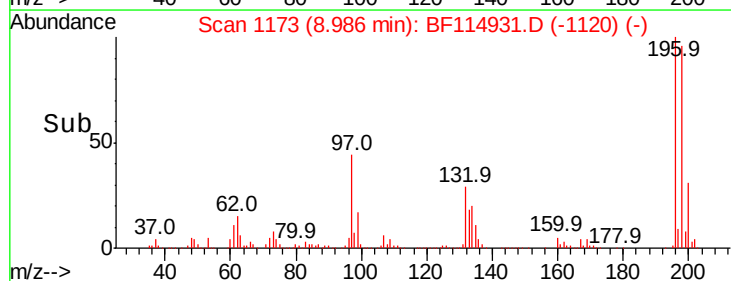
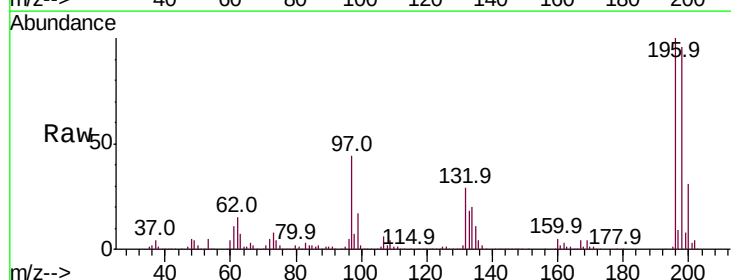
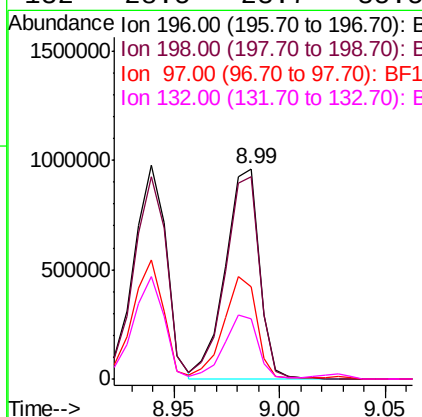
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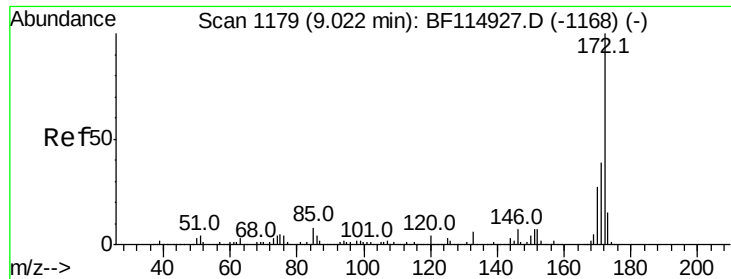
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#44
 2,4,5-Trichlorophenol
 Concen: 82.030 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF114931.D
 Acq: 10 Jun 2019 13:12

Tgt Ion:196 Resp: 1071739
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.6 113.4
 97 43.9 38.6 57.8
 132 28.5 23.7 35.5





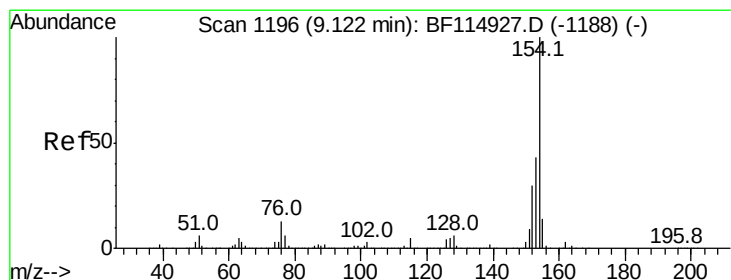
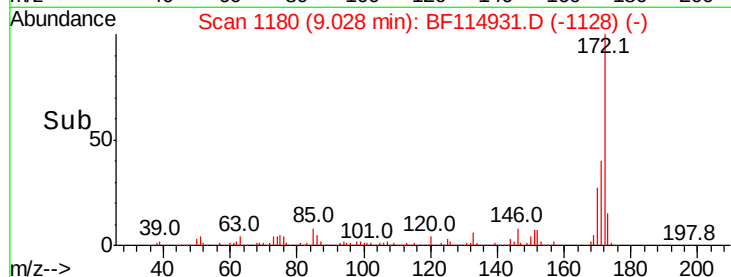
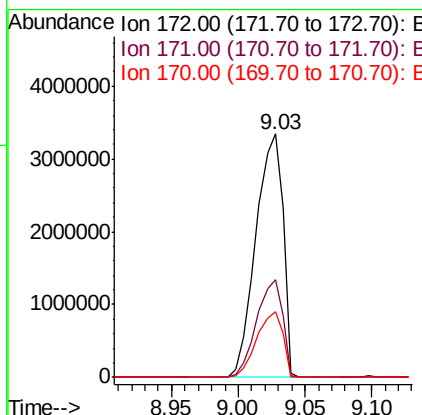
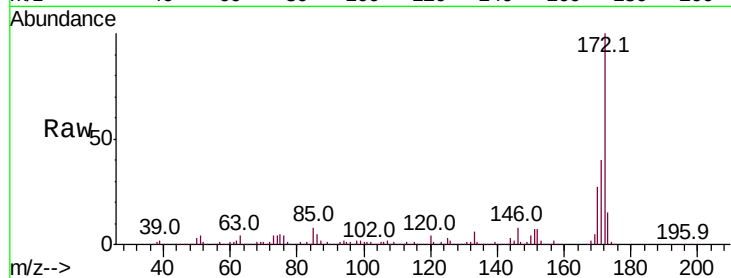
#45
2-Fluorobiphenyl
Concen: 151.114 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:172 Resp: 4670131
Ion Ratio Lower Upper
172 100
171 39.9 31.3 46.9
170 27.1 21.4 32.0

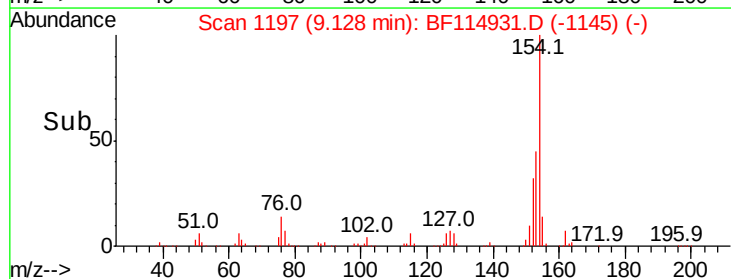
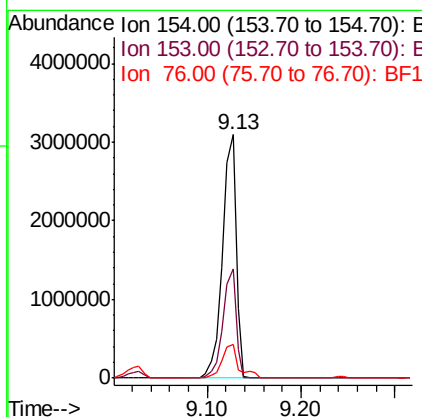
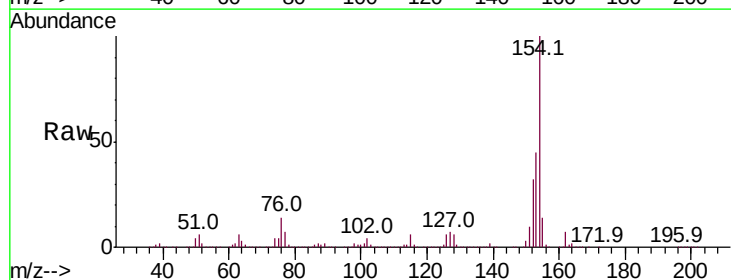
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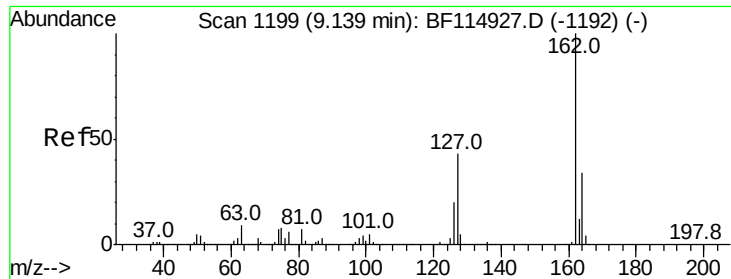
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#46
1,1'-Biphenyl
Concen: 73.418 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion:154 Resp: 3150164
Ion Ratio Lower Upper
154 100
153 44.8 22.8 62.8
76 14.0 0.0 33.0





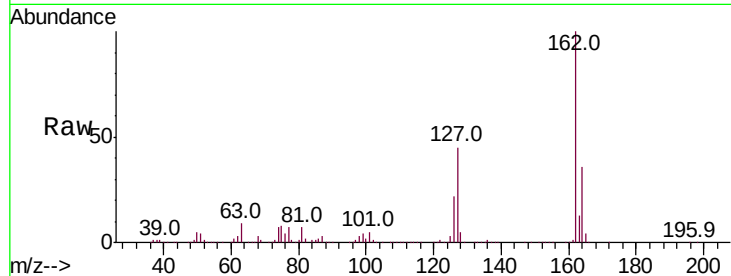
#47
2-Chloronaphthalene
Concen: 77.948 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

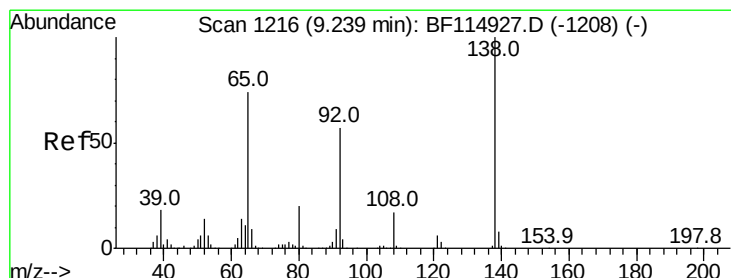
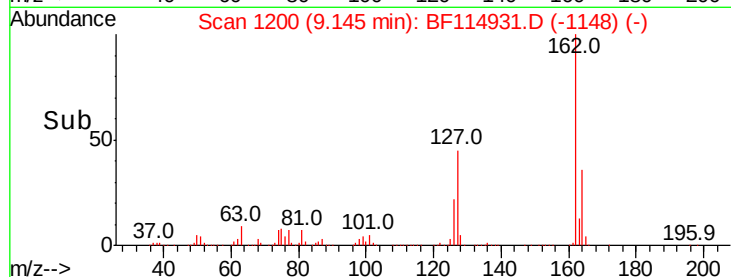
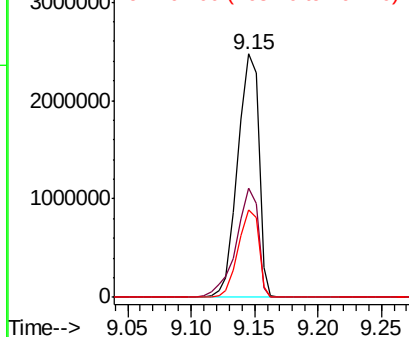
Tot Ion	Ratio	Lower	Upper
162	100		
127	45.0	34.6	51.8
164	35.7	27.5	41.3

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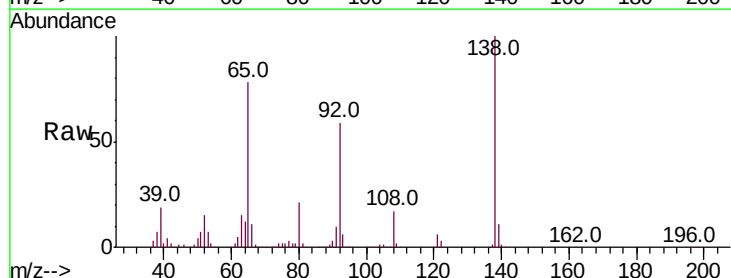


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

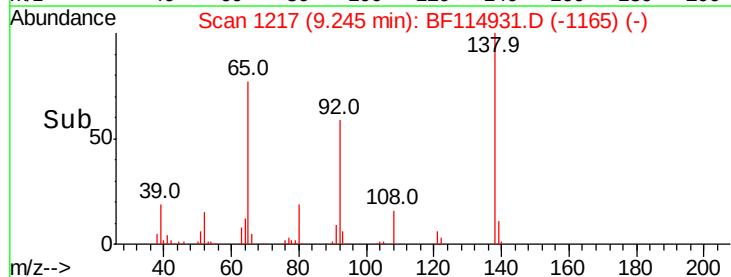
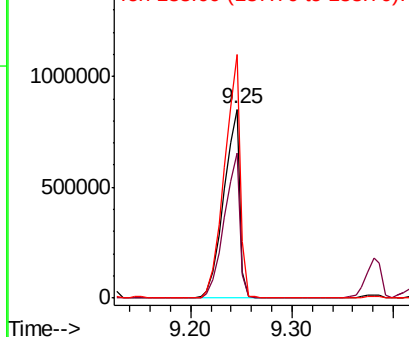


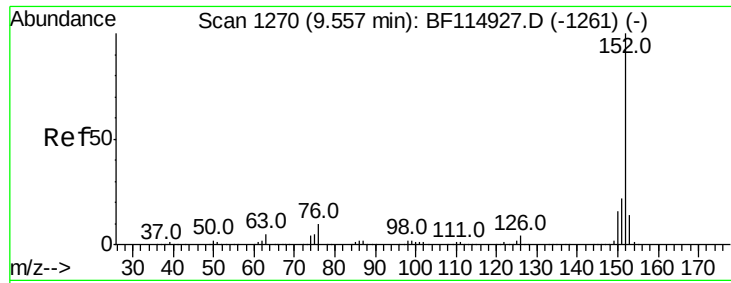
#48
2-Nitroaniline
Concen: 85.288 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.5	61.9	92.9
138	128.8	108.6	162.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





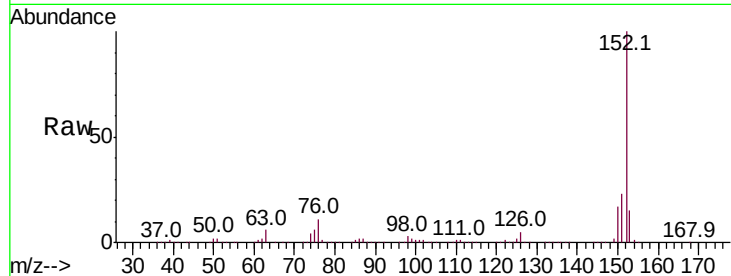
#49
Acenaphthylene
Concen: 75.445 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

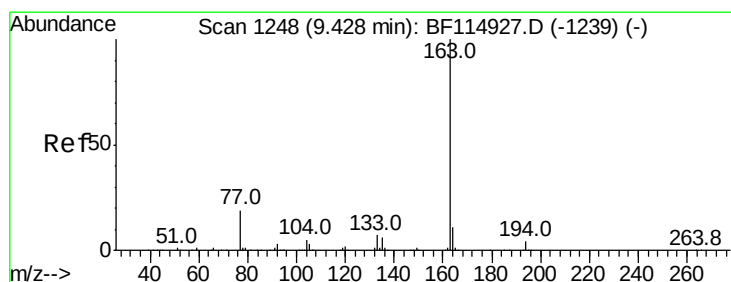
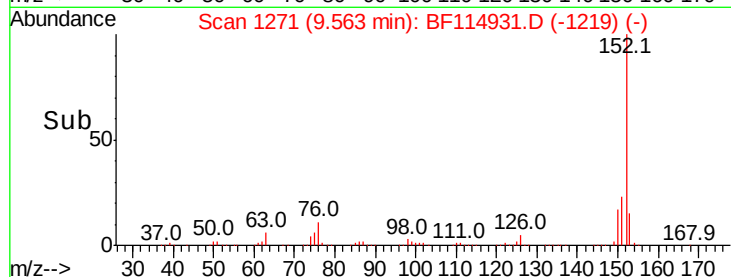
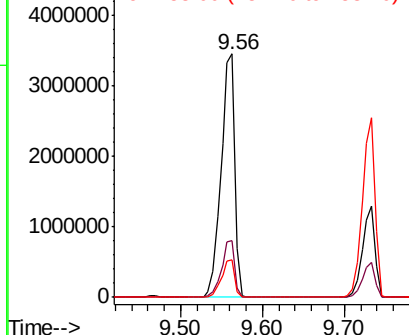
Tot Ion	152	Resp	3988970
Ion	Ratio	Lower	Upper
152	100		
151	23.5	17.6	26.4
153	15.2	11.4	17.0

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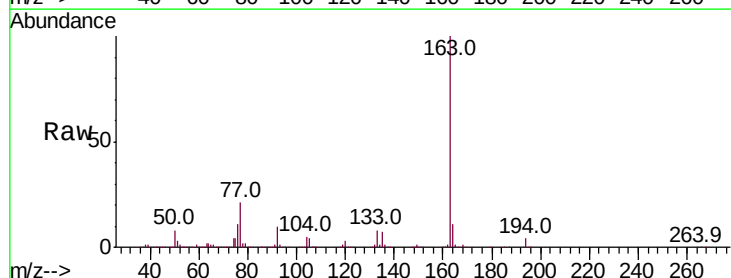


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

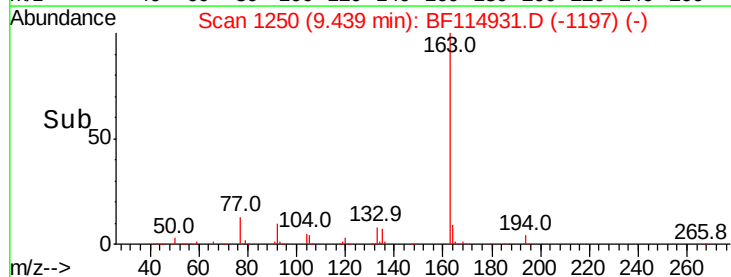
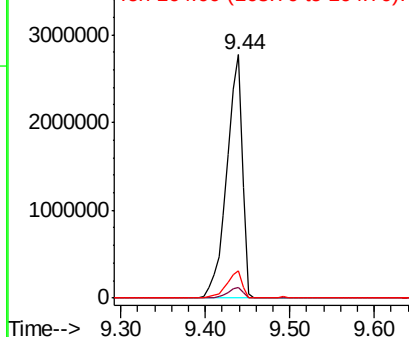


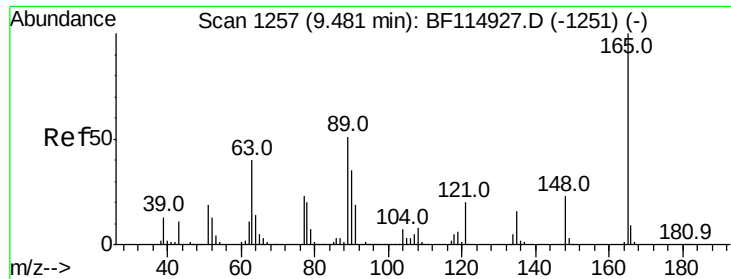
#50
Dimethylphthalate
Concen: 82.849 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion	163	Resp	3503103
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	11.3	8.7	13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 83.053 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

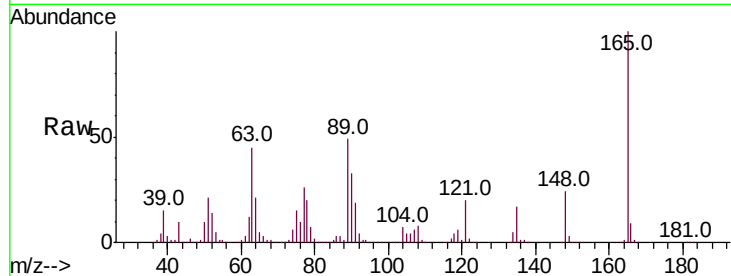
SSTDIC100

Tot Ion:165 Resp: 825877
Ion Ratio Lower Upper

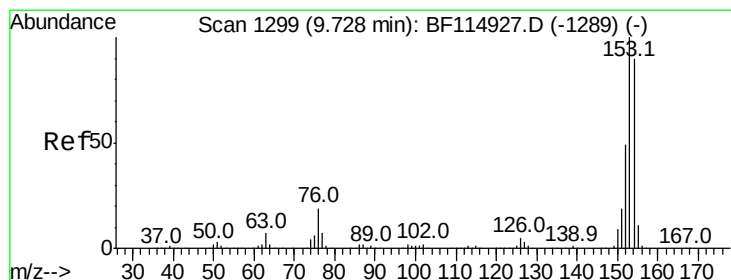
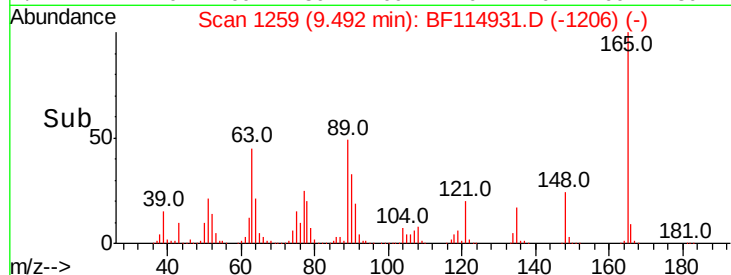
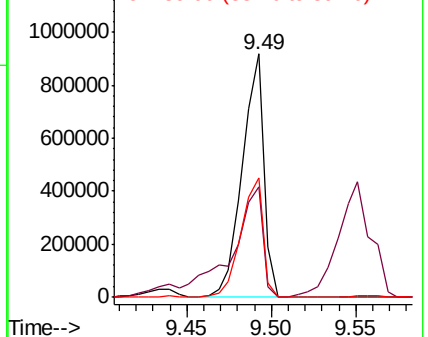
165	100		
63	45.4	38.3	57.5
89	49.3	40.8	61.2

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 71.818 ng

RT: 9.73 min Scan# 1300

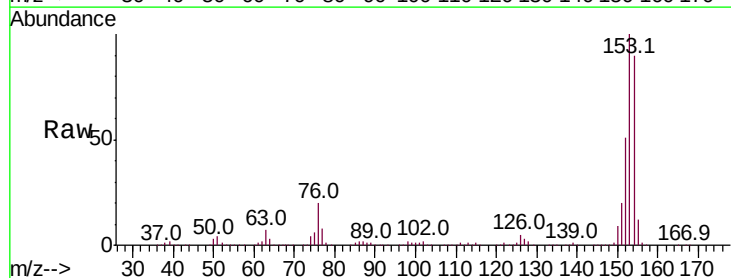
Delta R.T. 0.01 min

Lab File: BF114931.D

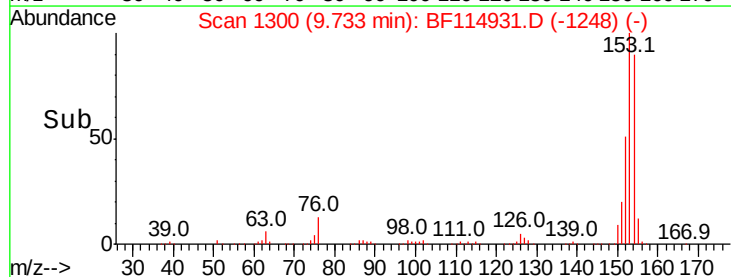
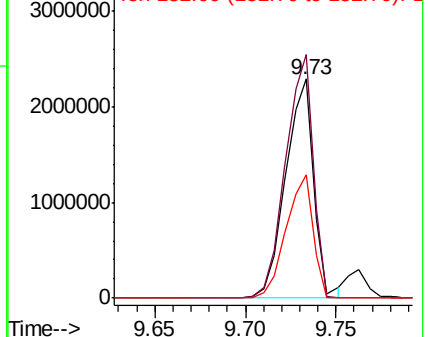
Acq: 10 Jun 2019 13:12

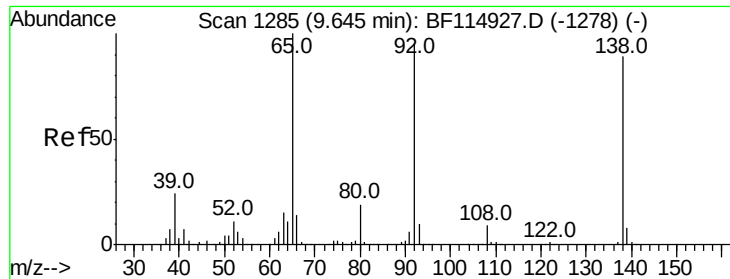
Tgt Ion:154 Resp: 2487420
Ion Ratio Lower Upper

154	100		
153	111.0	89.1	133.7
152	56.2	43.8	65.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





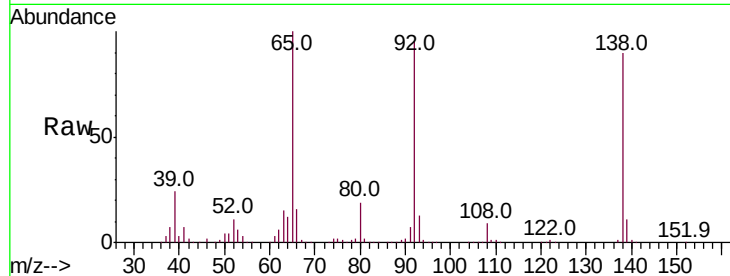
#53
3-Nitroaniline
Concen: 88.895 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

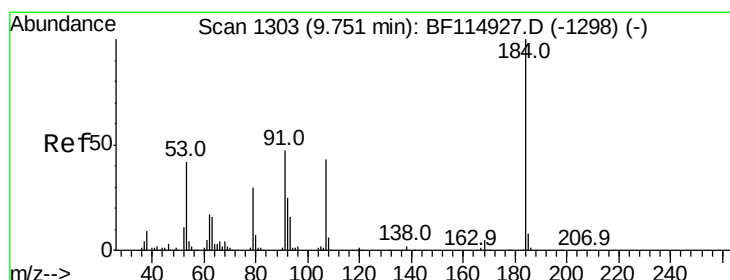
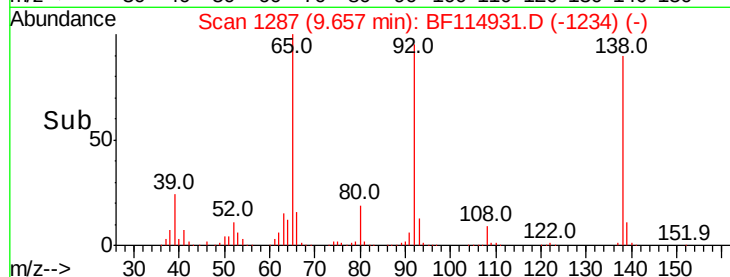
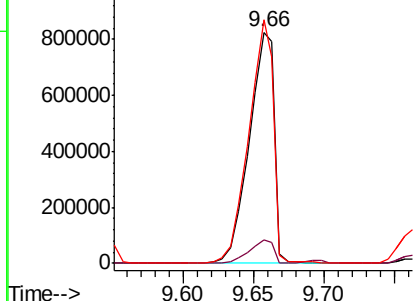
Tot Ion:138 Resp: 1032645
Ion Ratio Lower Upper
138 100
108 10.1 7.9 11.9
92 105.4 85.0 127.6

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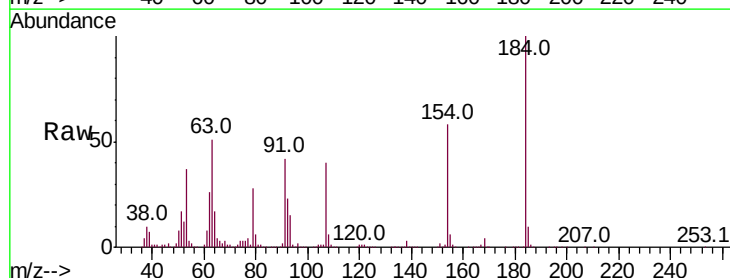


Abundance Ion 138.00 (137.70 to 138.70): E
1200000
Ion 108.00 (107.70 to 108.70): E
1000000
Ion 92.00 (91.70 to 92.70): BF1

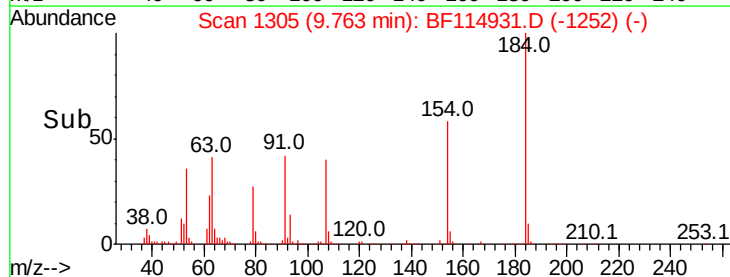
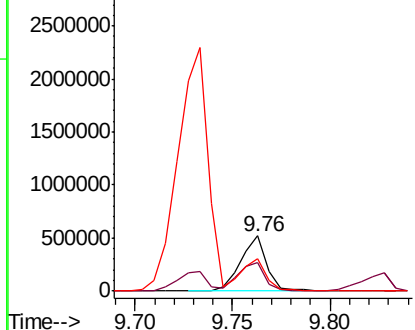


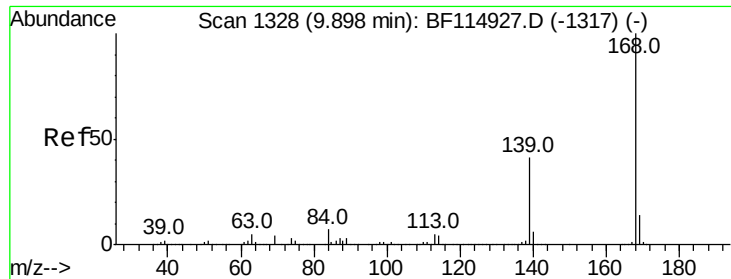
#54
2,4-Dinitrophenol
Concen: 108.656 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion:184 Resp: 488924
Ion Ratio Lower Upper
184 100
63 51.4 47.4 71.0
154 58.2 48.6 73.0



Abundance Ion 184.00 (183.70 to 184.70): E
3000000
Ion 63.00 (62.70 to 63.70): BF1
2500000
Ion 154.00 (153.70 to 154.70): E





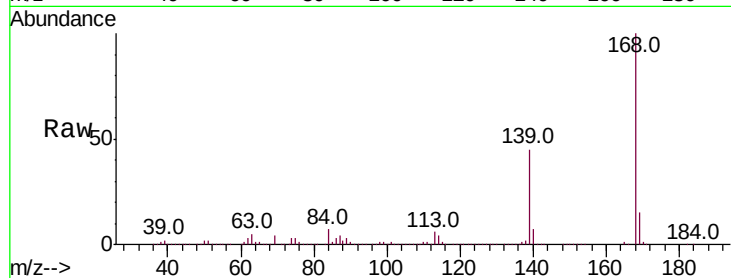
#55
Dibenzofuran
Concen: 68.089 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
168	100		
139	44.8	33.0	49.4
169	15.4	11.6	17.4

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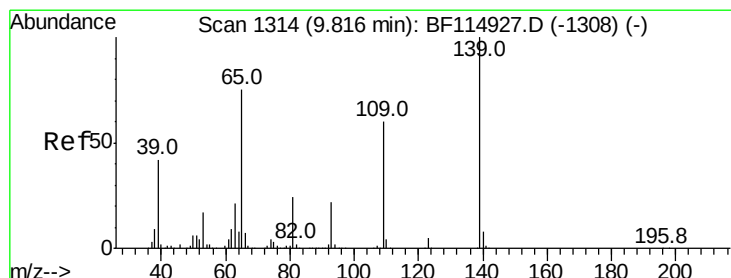
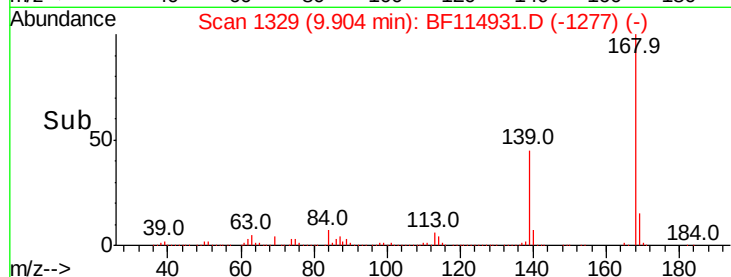
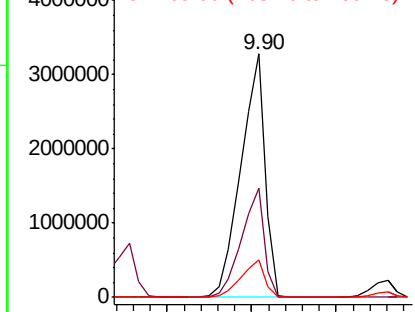


Abundance

Ion 168.00 (167.70 to 168.70): E

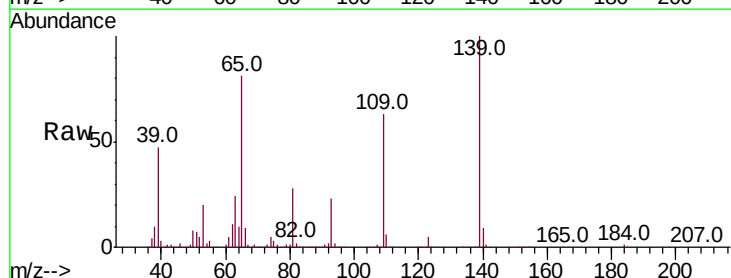
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 86.756 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.6	40.0	80.0
65	81.2	55.0	95.0

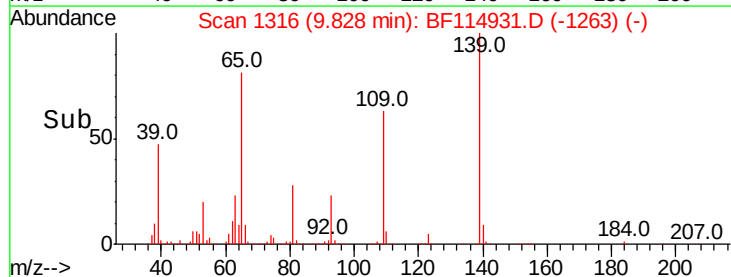
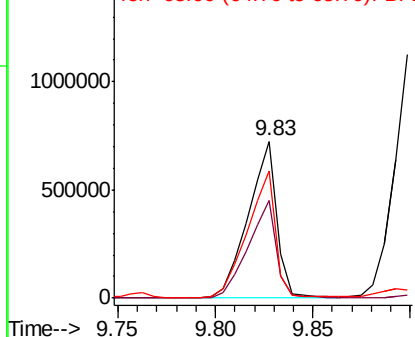


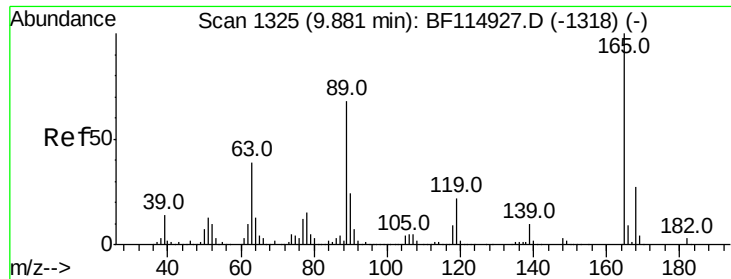
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





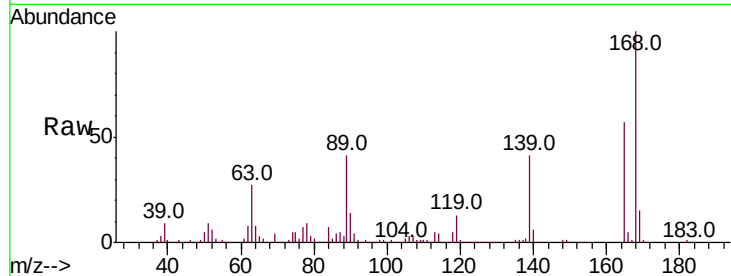
#57
2,4-Dinitrotoluene
Concen: 79.539 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

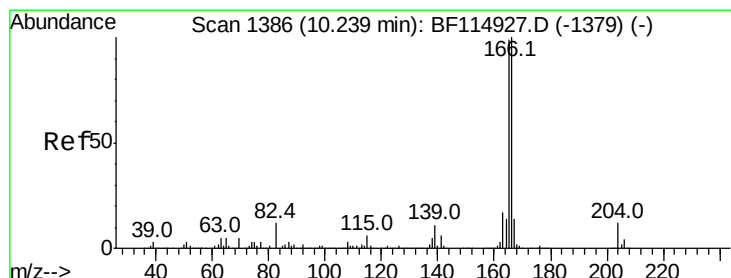
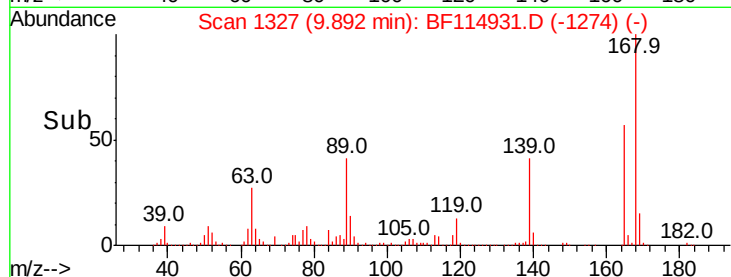
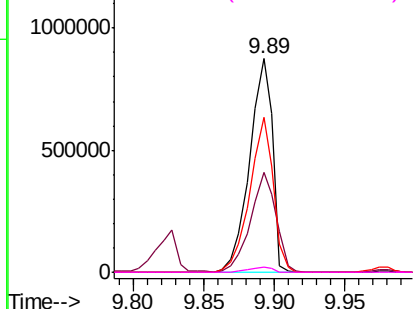
Tot Ion	Ratio	Resp	Lower	Upper
165	100	994294		
63	47.1		31.8	47.6
89	72.6		54.2	81.2
182	2.6		2.1	3.1

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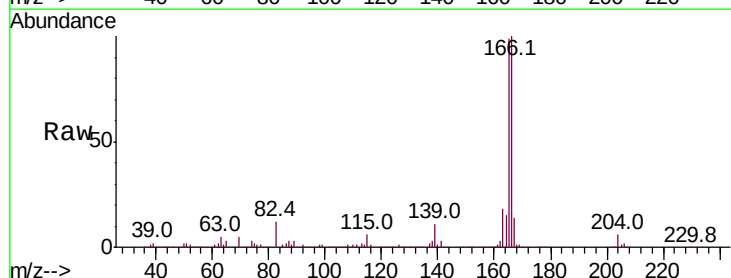


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

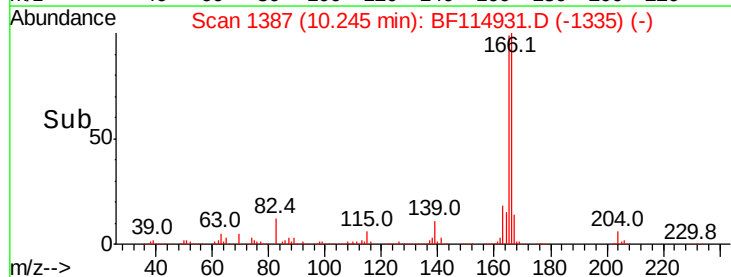
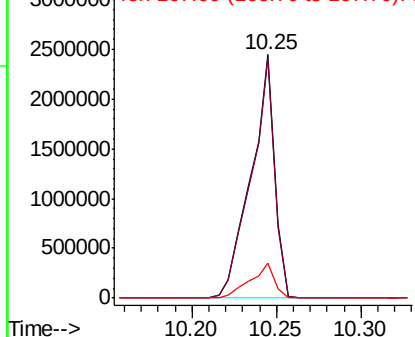


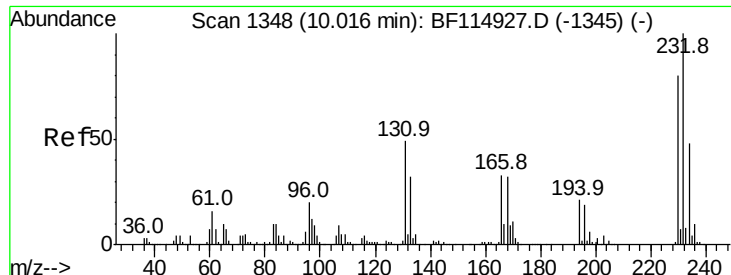
#58
Fluorene
Concen: 69.758 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2409727		
165	98.7		79.2	118.8
167	14.2		11.0	16.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





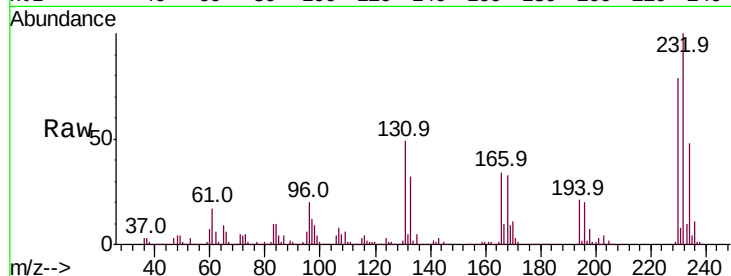
#59
2,3,4,6-Tetrachlorophenol
Concen: 80.335 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
232	100	859913		
131	47.1		37.0	55.4
130	2.3		1.8	2.6
166	32.0		25.0	37.6

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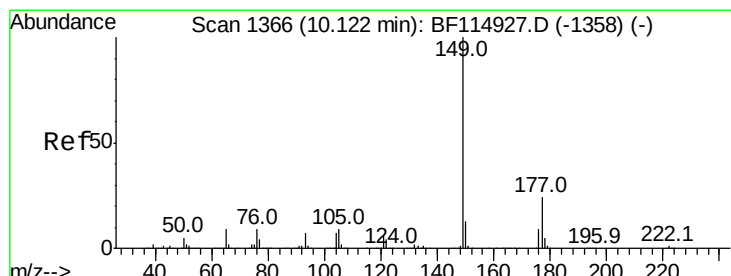
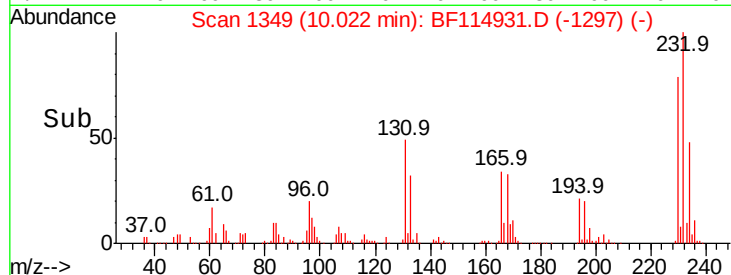
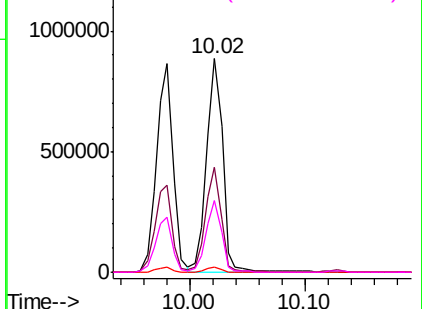
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

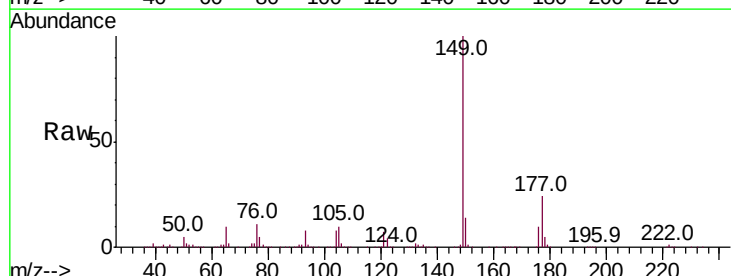
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 77.682 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	3295960		
177	24.0		19.1	28.7
150	14.2		10.6	16.0

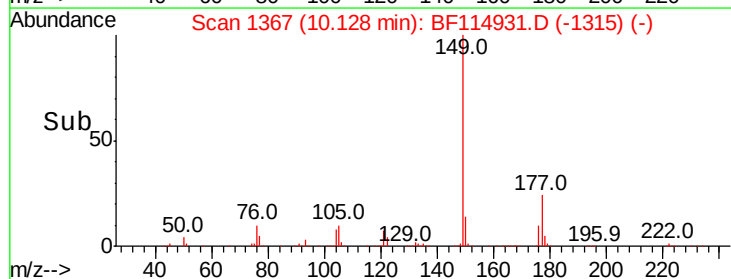
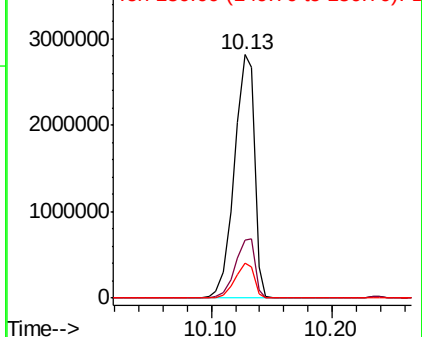


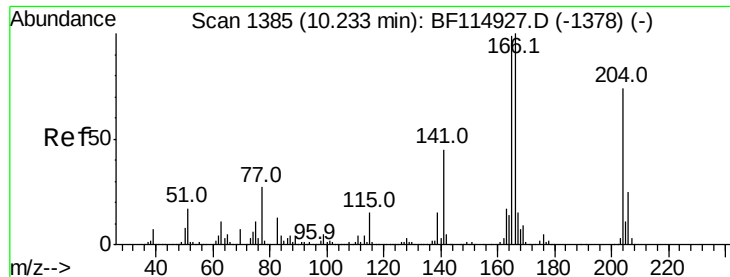
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 64.331 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:204 Resp: 1186654

Ion Ratio Lower Upper

204 100

206 33.6 26.8 40.2

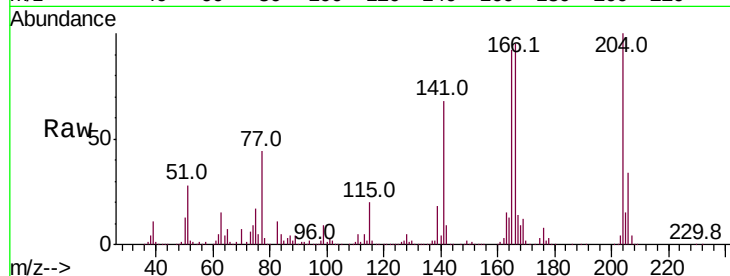
141 67.9 48.5 72.7

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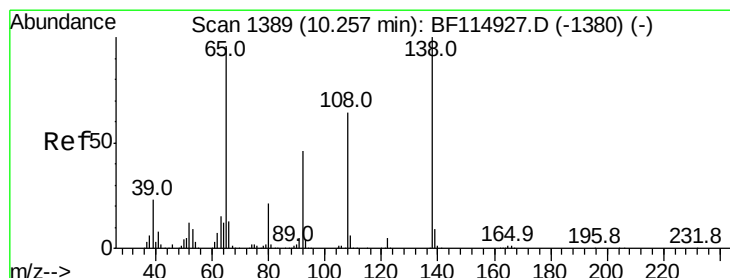
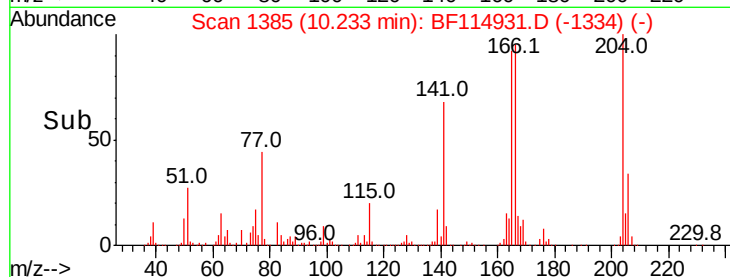
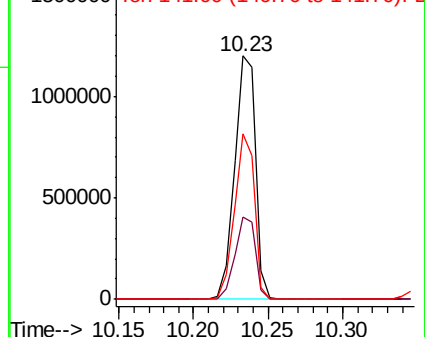


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 92.826 ng

RT: 10.28 min Scan# 1393

Delta R.T. 0.02 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

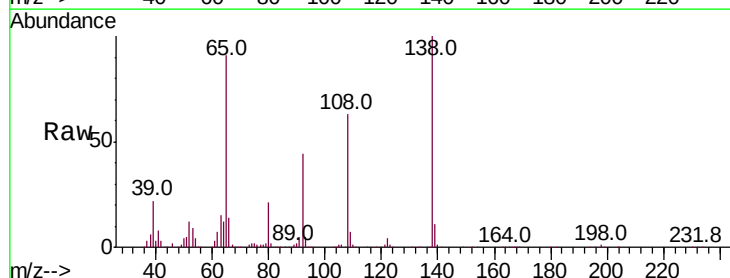
Tgt Ion:138 Resp: 1045882

Ion Ratio Lower Upper

138 100

92 44.5 26.0 66.0

108 63.4 44.0 84.0

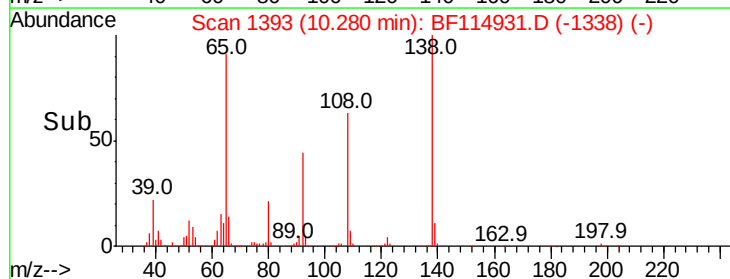
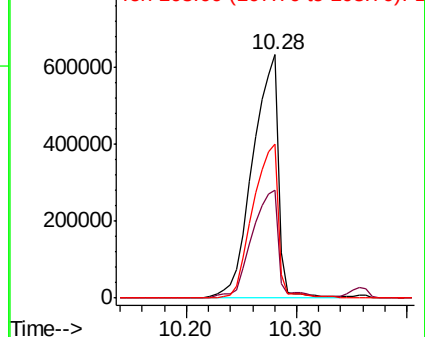


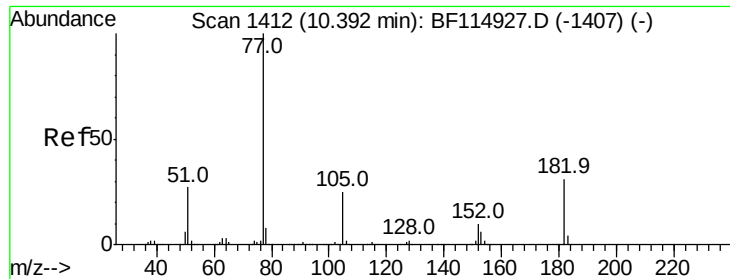
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





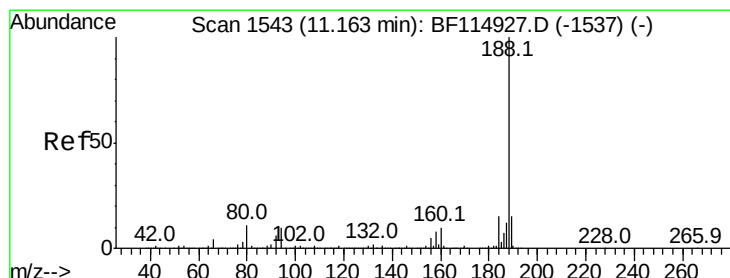
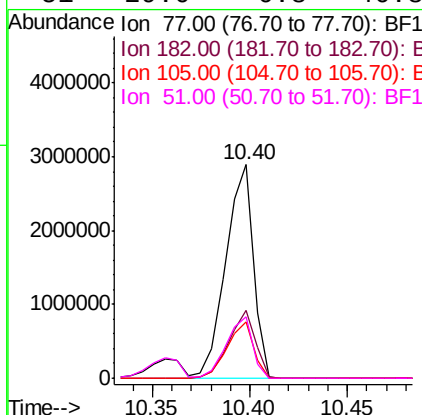
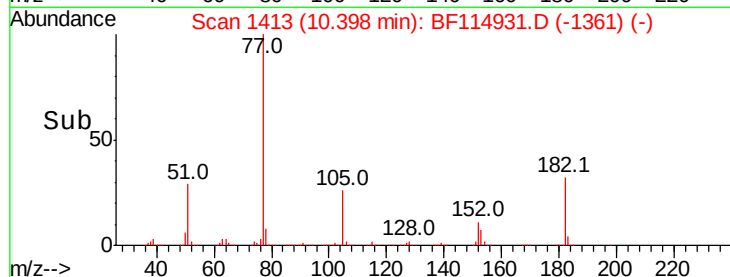
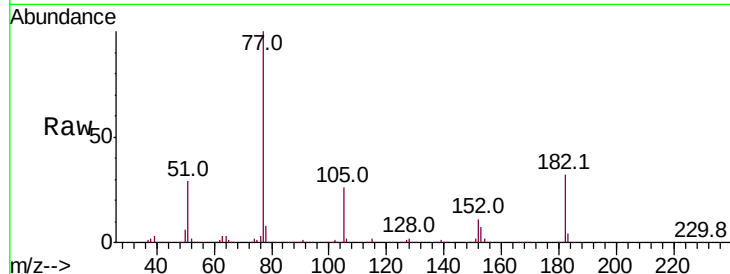
#63
Azobenzene
Concen: 78.323 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	31.5	10.8	50.8	
105	26.3	5.3	45.3	
51	29.0	6.8	46.8	

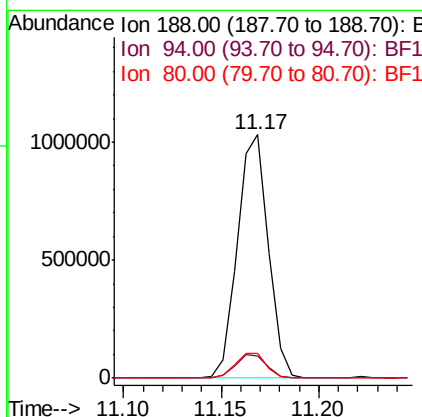
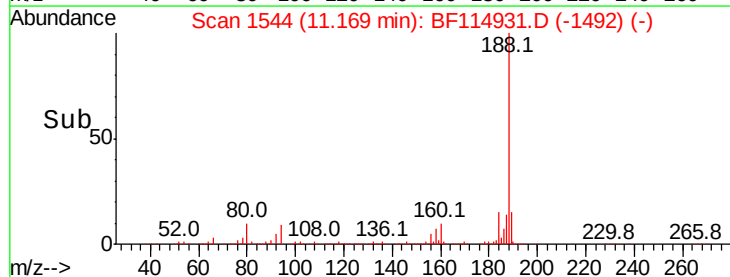
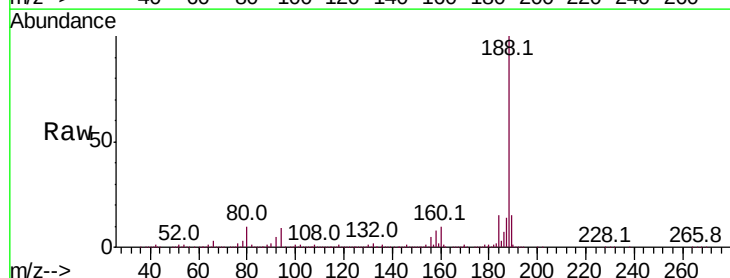
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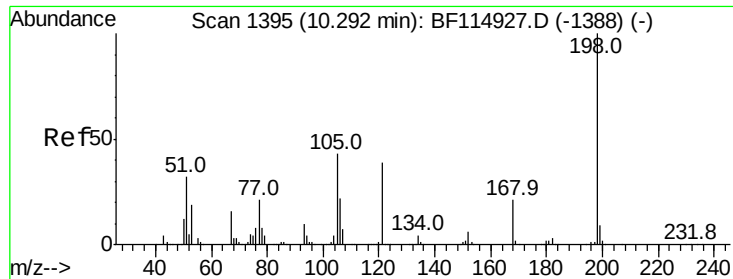
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.1	8.1	12.1	
80	10.0	8.6	12.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 101.568 ng

RT: 10.30 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:198 Resp: 594678

Ion Ratio Lower Upper

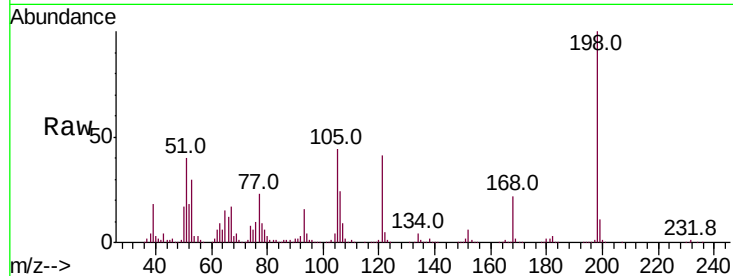
198 100

51 40.2 16.8 56.8

105 44.4 23.5 63.5

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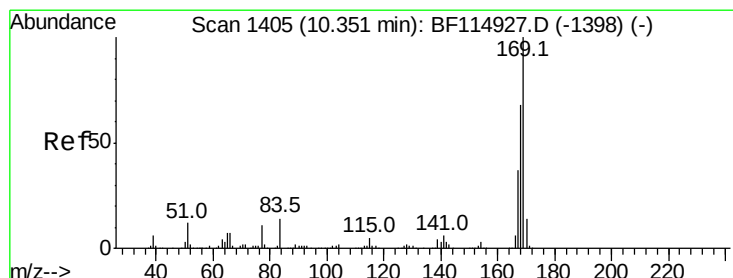
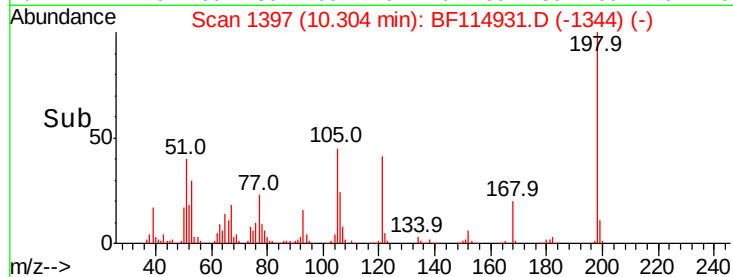
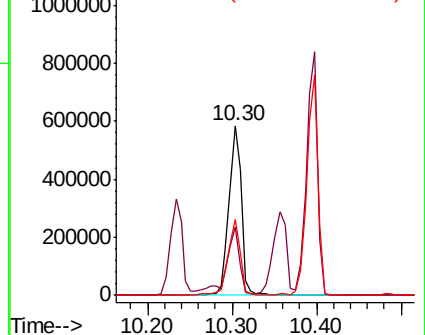
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 75.873 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

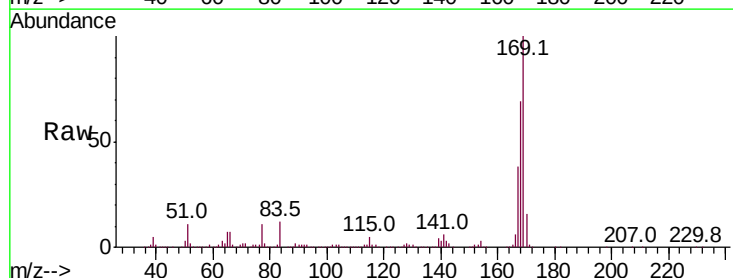
Tgt Ion:169 Resp: 2585921

Ion Ratio Lower Upper

169 100

168 69.1 54.2 81.2

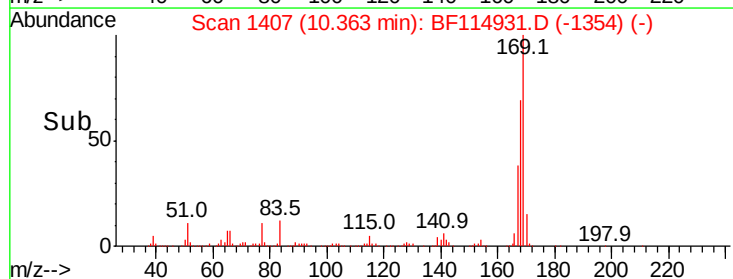
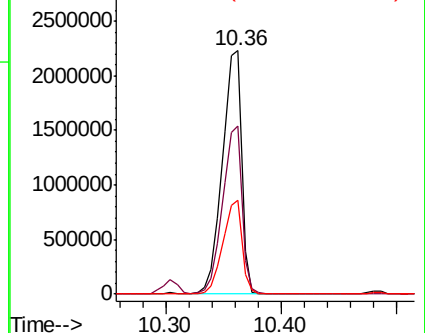
167 38.4 29.4 44.2

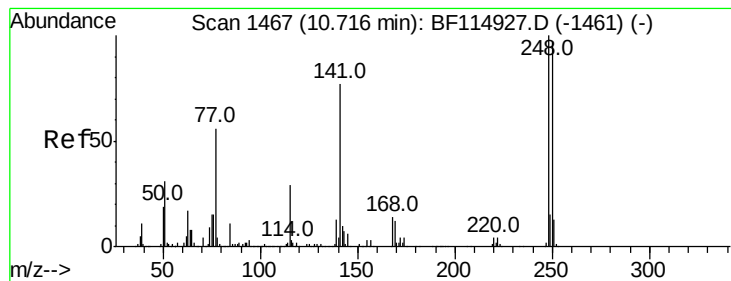


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 75.943 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

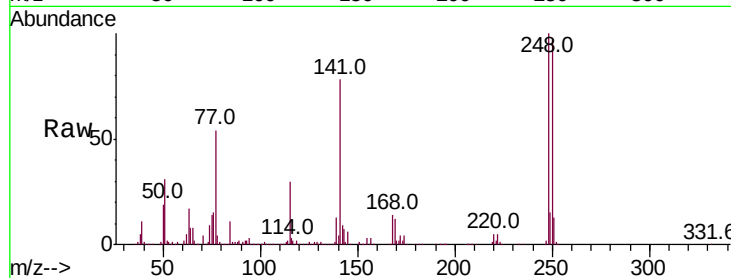
ClientSampleId :

SSTDICC100

Tot Ion:	248	Resp:	972186
Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.4	116.0
141	77.6	61.8	92.6

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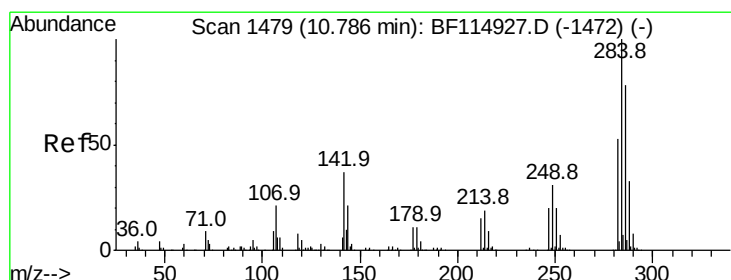
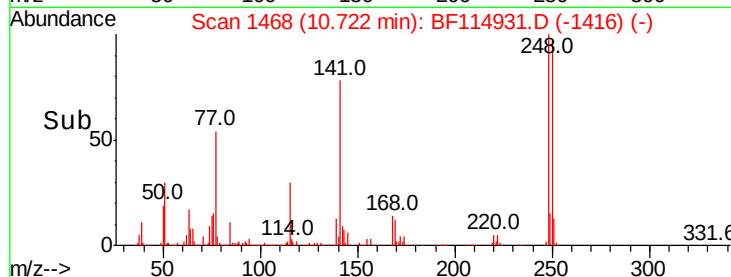
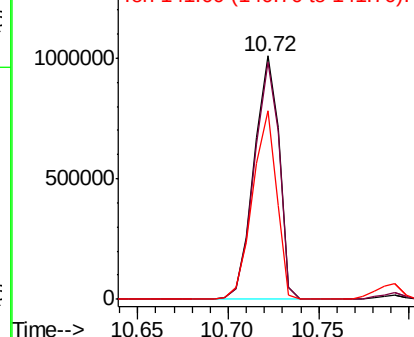
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Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 75.998 ng

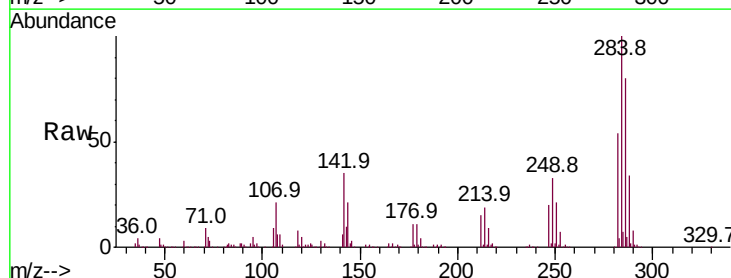
RT: 10.79 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

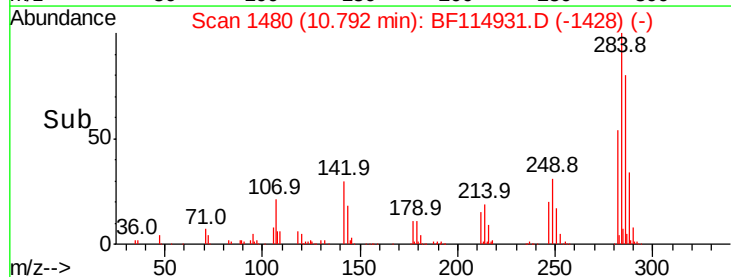
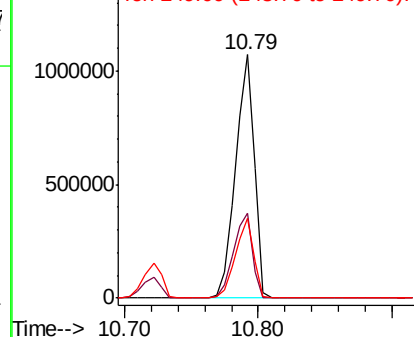
Tgt Ion:	284	Resp:	1064747
Ion	Ratio	Lower	Upper
284	100		
142	34.9	29.3	43.9
249	32.7	25.1	37.7

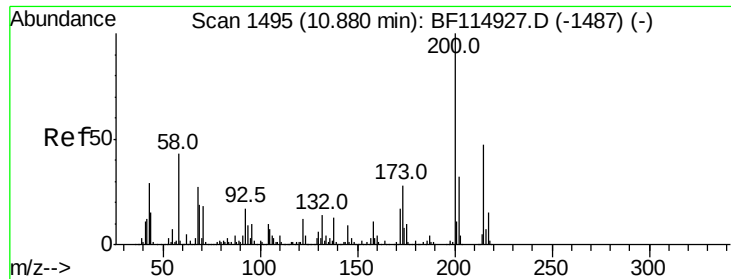


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





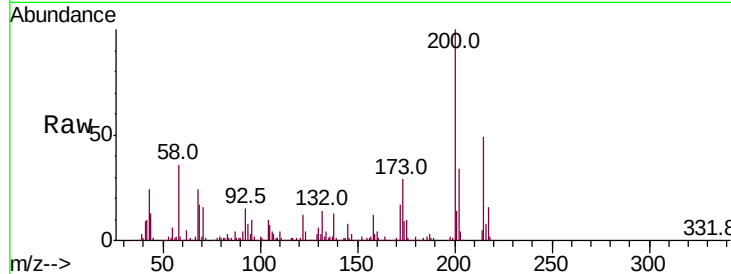
#69
Atrazine
Concen: 73.265 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

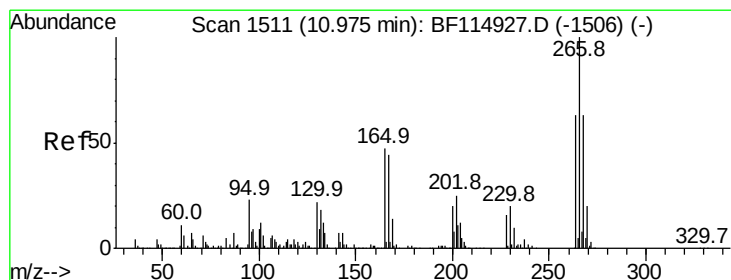
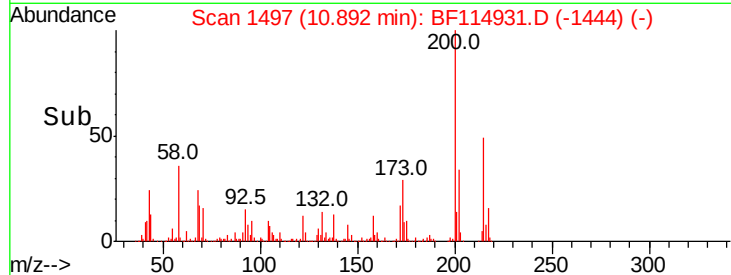
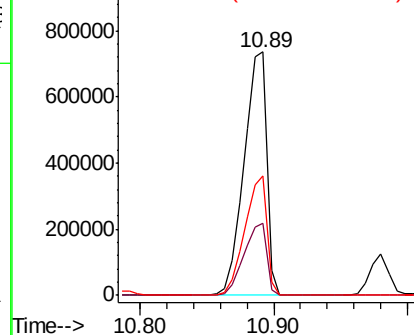
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.4	8.3	48.3
215	49.1	26.6	66.6

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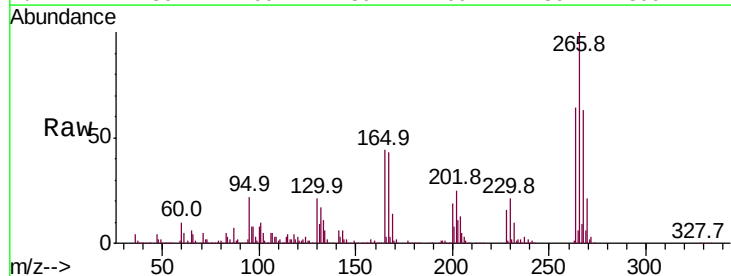


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

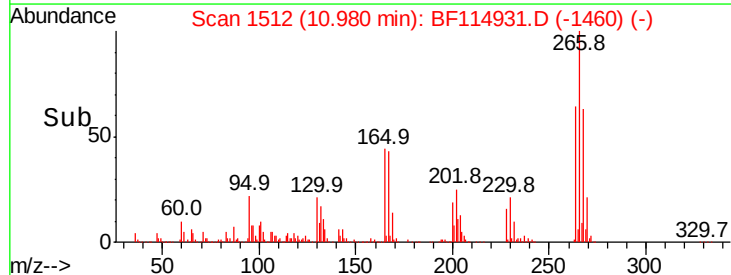
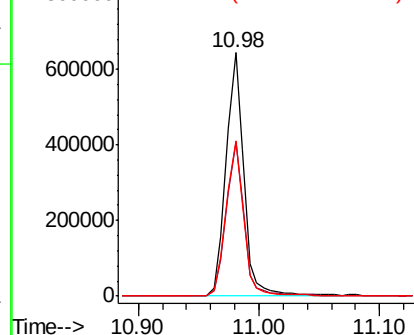


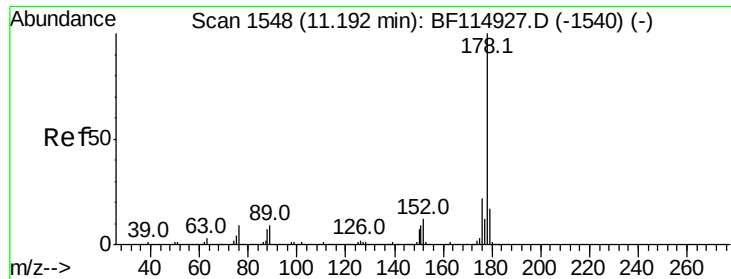
#70
Pentachlorophenol
Concen: 81.295 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.4	50.8	76.2
264	64.0	50.4	75.6



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





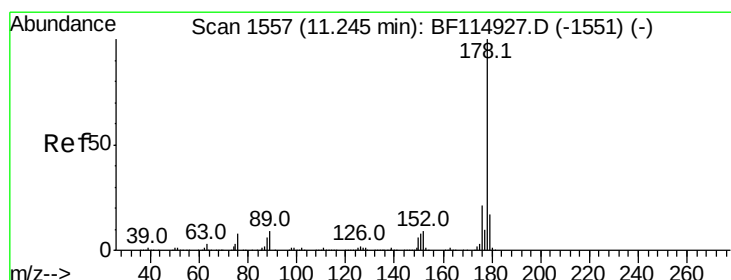
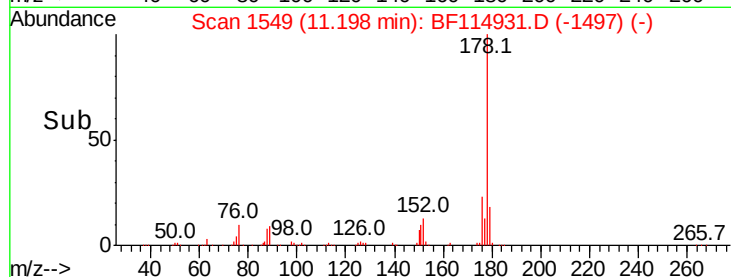
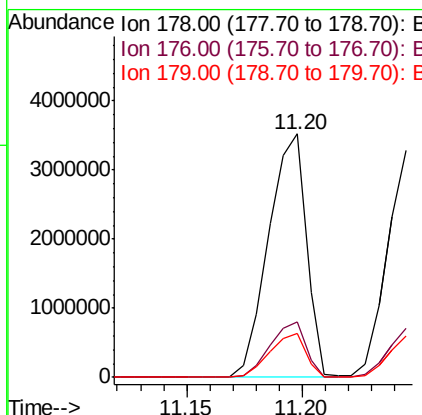
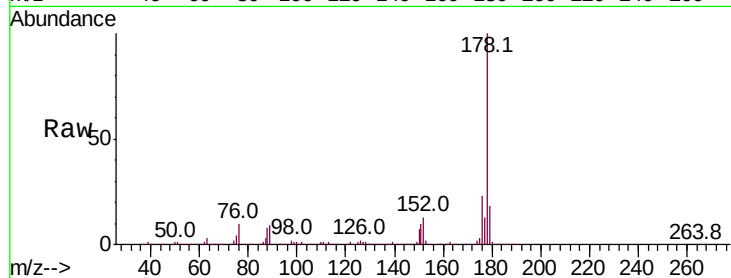
#71
Phenanthrene
Concen: 74.445 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:178 Resp: 4005756
Ion Ratio Lower Upper
178 100
176 23.0 17.4 26.2
179 18.0 13.6 20.4

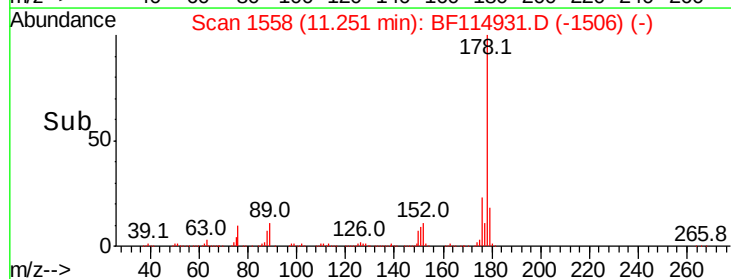
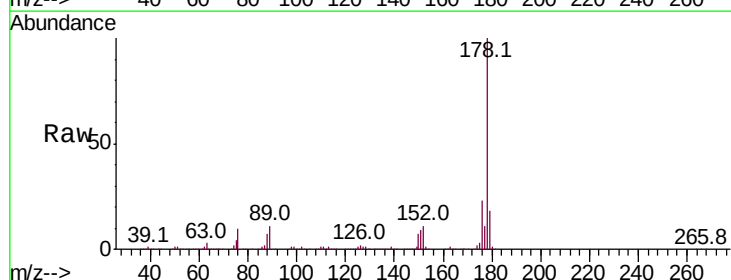
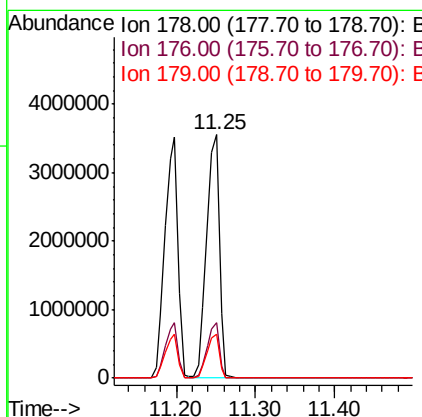
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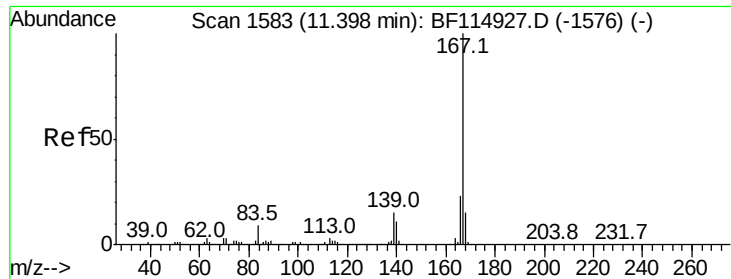
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#72
Anthracene
Concen: 71.588 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion:178 Resp: 4053857
Ion Ratio Lower Upper
178 100
176 22.6 16.6 25.0
179 18.1 13.4 20.2





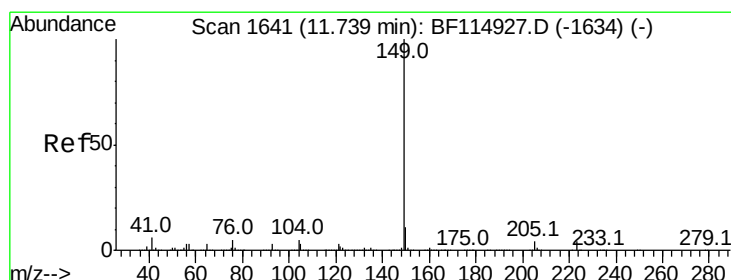
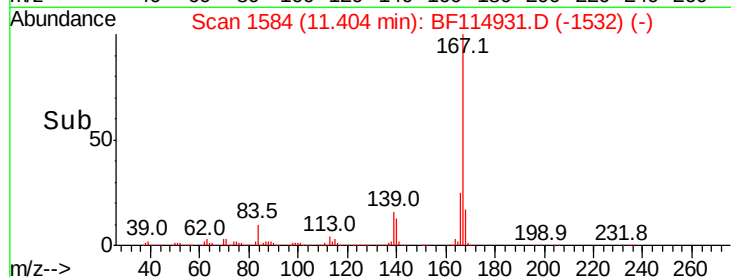
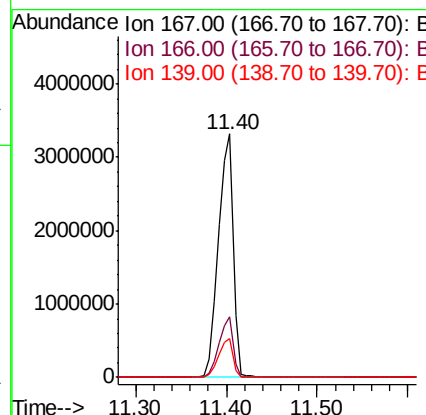
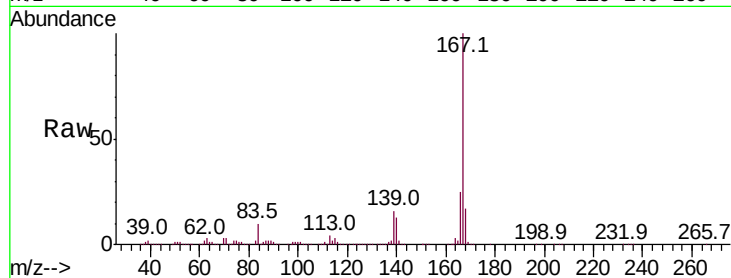
#73
 Carbazole
 Concen: 77.596 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF114931.D
 Acq: 10 Jun 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.0	18.8	28.2
139	16.1	11.6	17.4

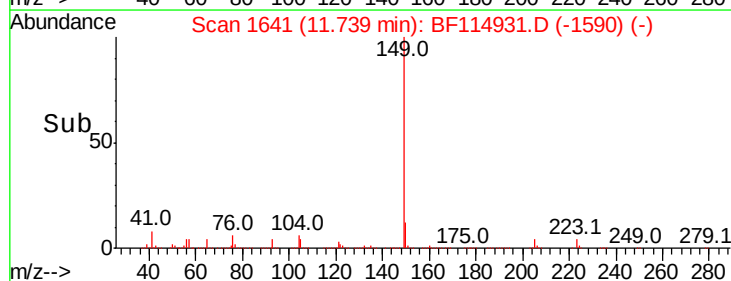
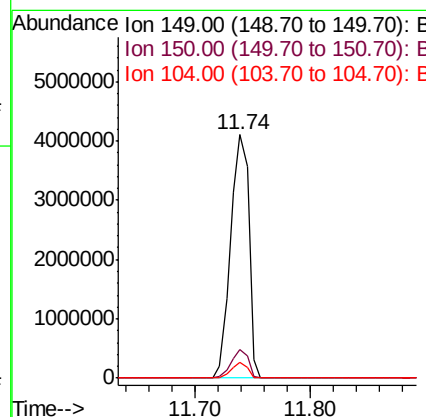
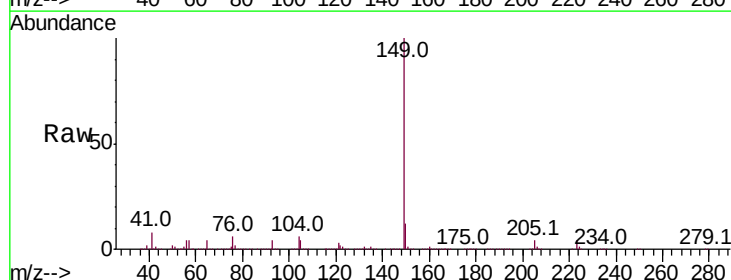
Manual Integrations
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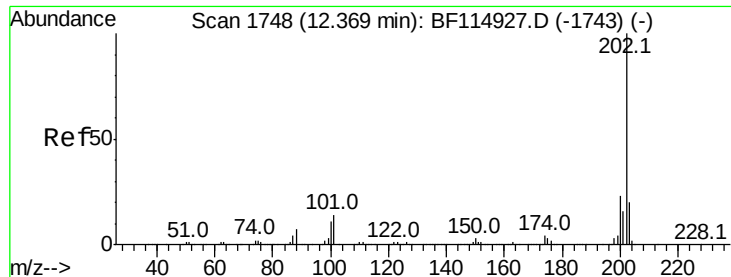
mohammad
 6/12/2019 9:13:53 AM



#74
 Di-n-butylphthalate
 Concen: 70.385 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF114931.D
 Acq: 10 Jun 2019 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.0	8.5	12.7
104	6.3	4.1	6.1





#75

Fluoranthene

Concen: 74.535 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:202 Resp: 4174276

Ion Ratio Lower Upper

202 100

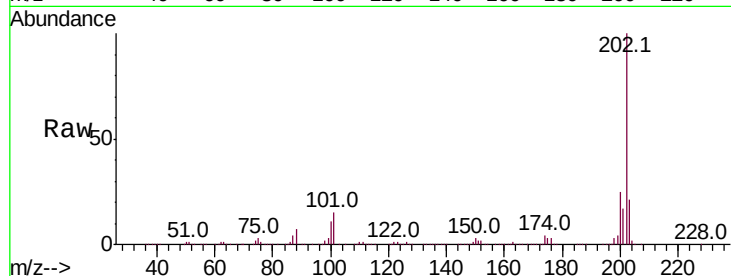
101 14.6 0.0 34.3

203 20.7 0.0 39.6

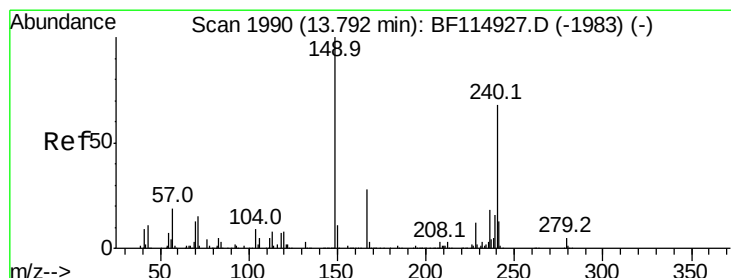
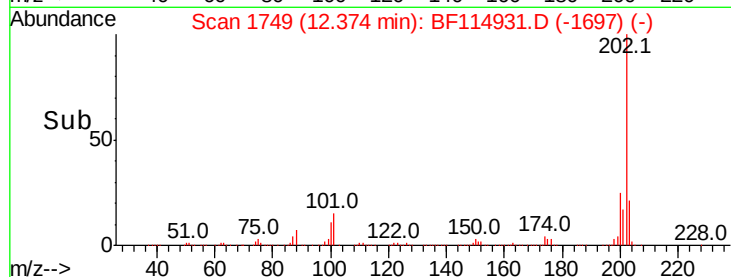
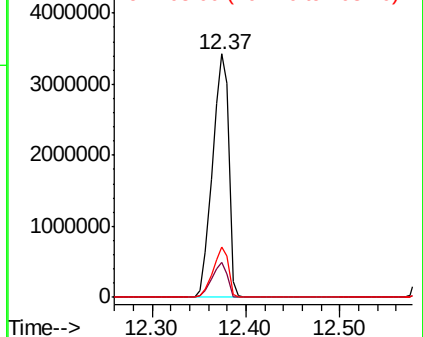
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

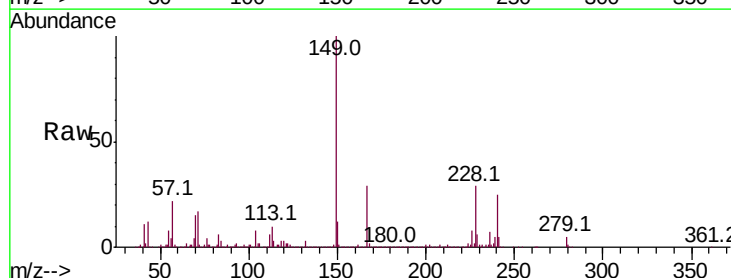
Tgt Ion:240 Resp: 523590

Ion Ratio Lower Upper

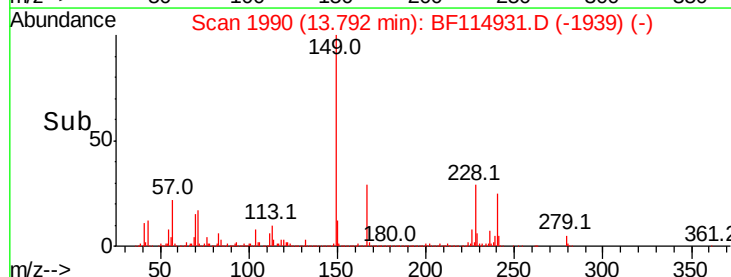
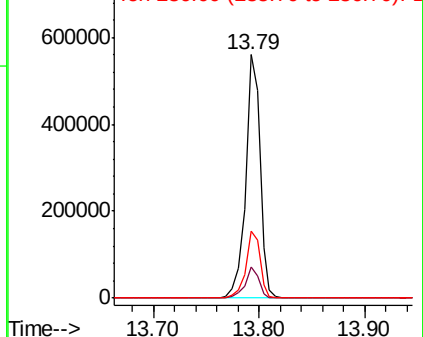
240 100

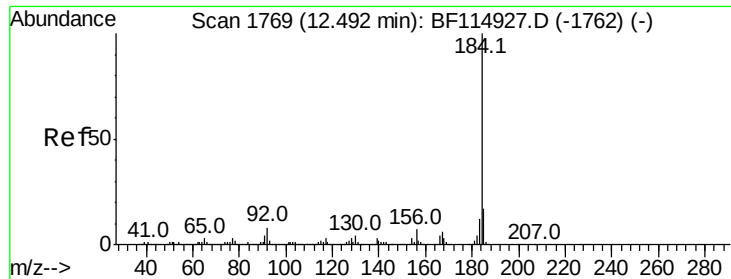
120 12.8 9.2 13.8

236 27.3 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 63.848 ng

RT: 12.49 min Scan# 1769

Delta R.T. -0.00 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:184 Resp: 1654971

Ion Ratio Lower Upper

184 100

185 22.7 13.4 20.0#

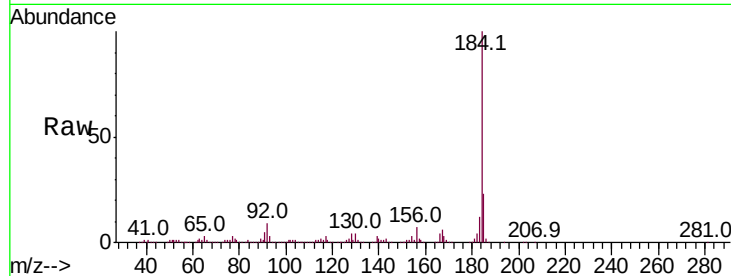
183 12.2 9.8 14.6

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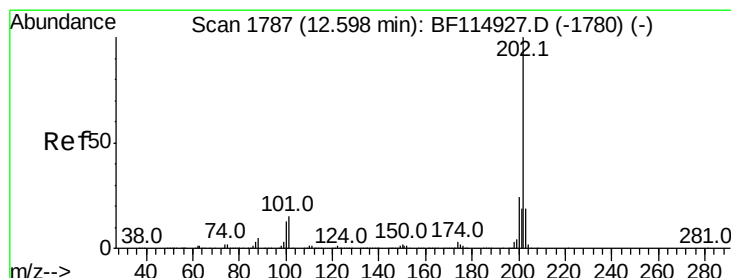
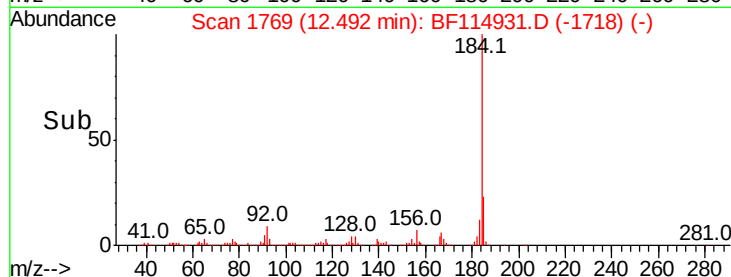
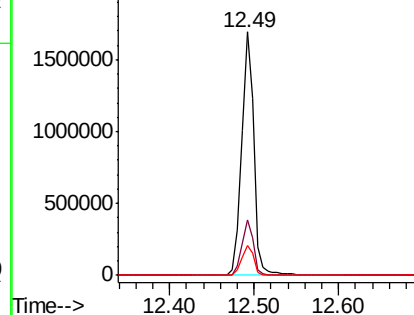
6/12/2019 9:13:53 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 91.327 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

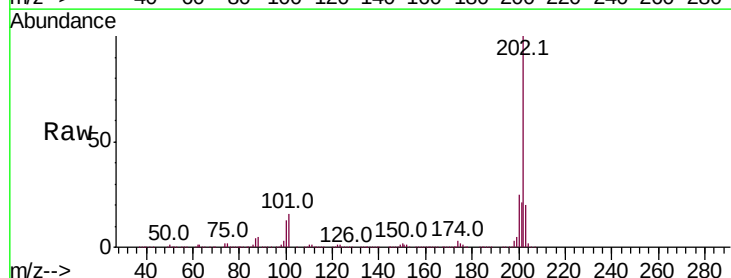
Tgt Ion:202 Resp: 4148244

Ion Ratio Lower Upper

202 100

200 25.2 18.9 28.3

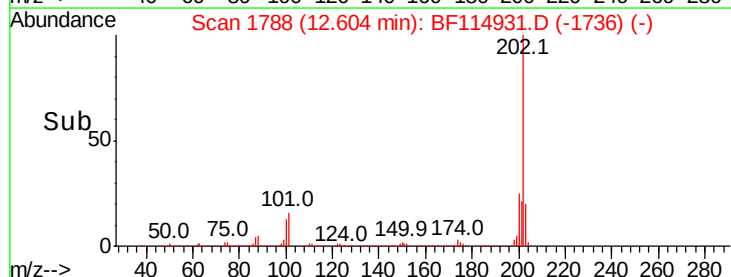
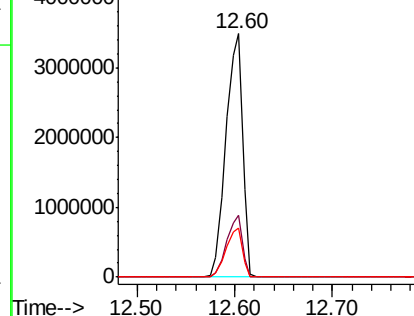
203 20.3 15.2 22.8

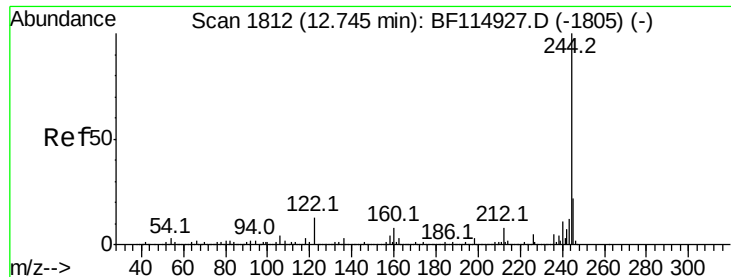


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





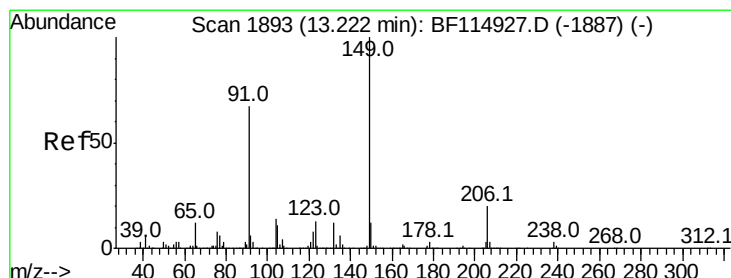
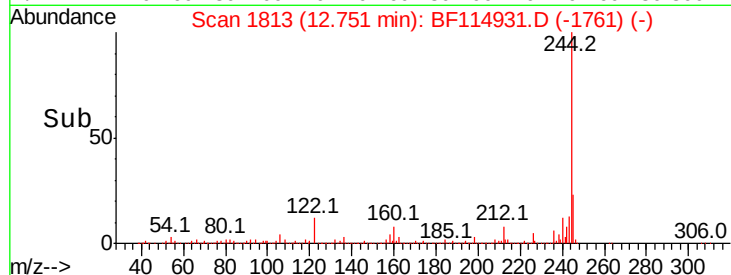
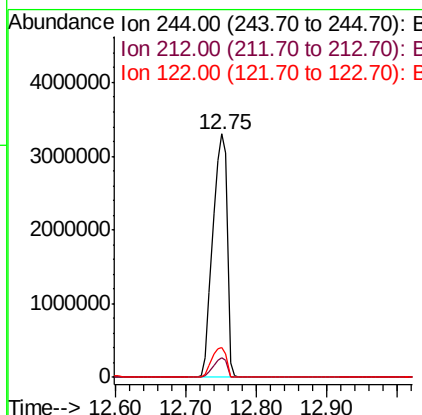
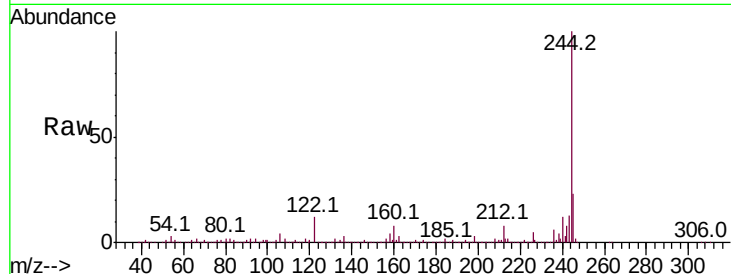
#79
 Terphenyl-d14
 Concen: 173.713 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. 0.01 min
 Lab File: BF114931.D
 Acq: 10 Jun 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion:244 Resp: 4676894
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 12.5 10.2 15.4

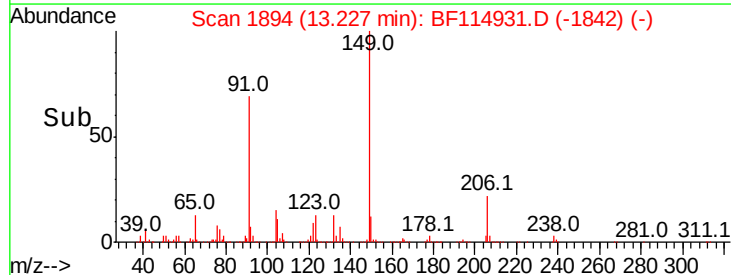
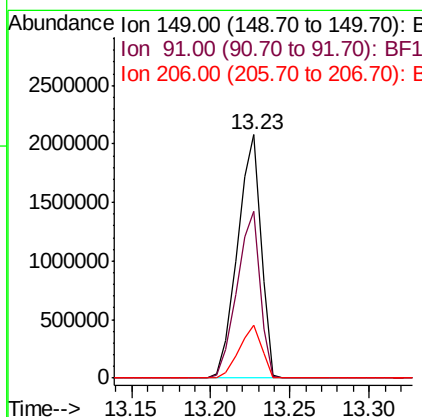
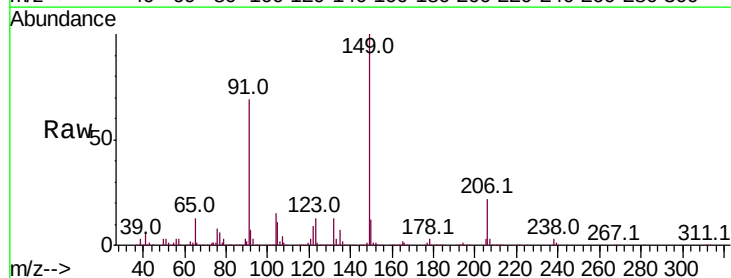
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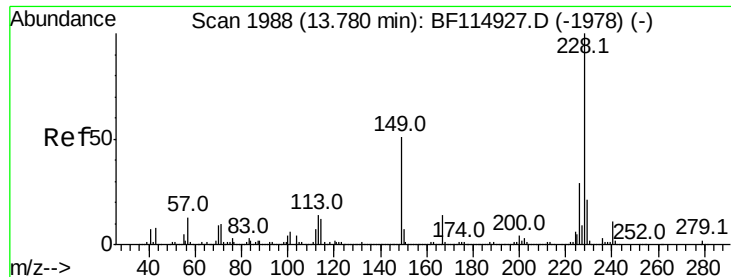
mohammad
 6/12/2019 9:13:53 AM



#80
 Butylbenzylphthalate
 Concen: 92.432 ng
 RT: 13.23 min Scan# 1894
 Delta R.T. 0.01 min
 Lab File: BF114931.D
 Acq: 10 Jun 2019 13:12

Tgt Ion:149 Resp: 2120124
 Ion Ratio Lower Upper
 149 100
 91 68.6 53.8 80.8
 206 21.5 16.3 24.5





#81

Benzo(a)anthracene

Concen: 82.086 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:228 Resp: 3311983

Ion Ratio Lower Upper

228 100

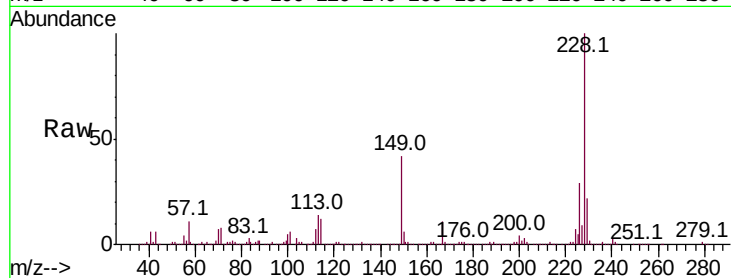
226 29.2 22.8 34.2

229 21.7 16.6 25.0

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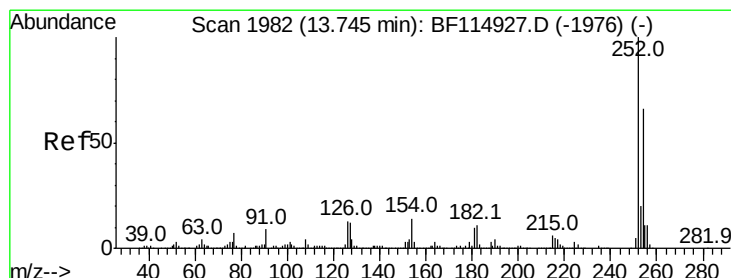
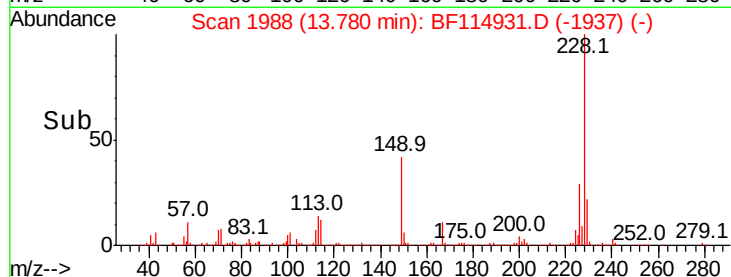
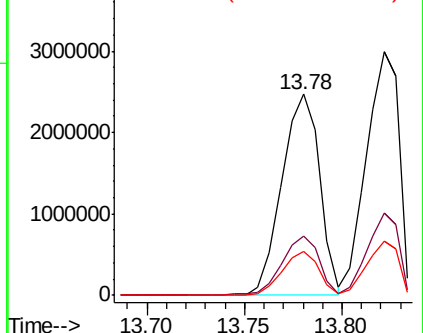
6/12/2019 9:13:53 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 78.470 ng

RT: 13.75 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BF114931.D

Acq: 10 Jun 2019 13:12

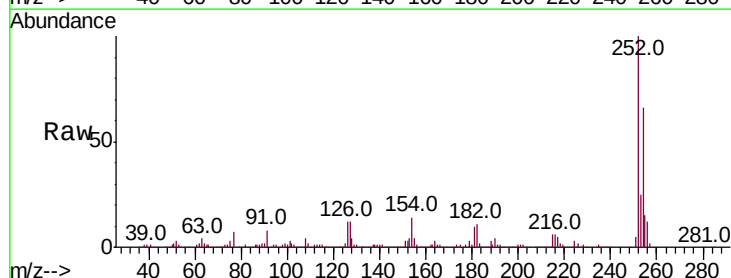
Tgt Ion:252 Resp: 1283819

Ion Ratio Lower Upper

252 100

254 65.6 52.6 78.8

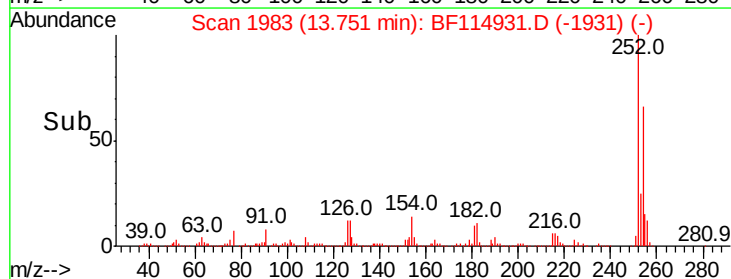
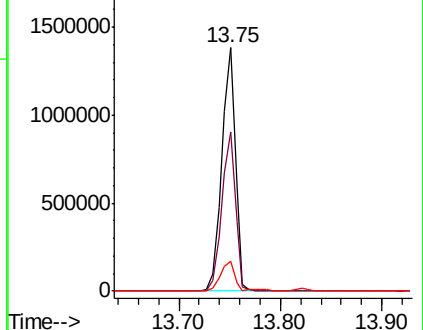
126 12.0 10.4 15.6

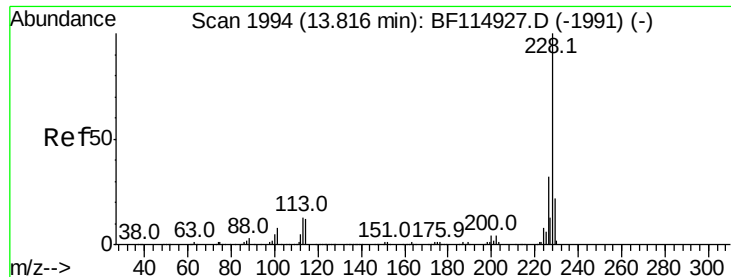


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





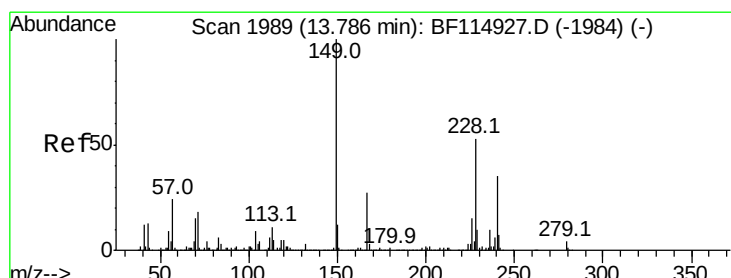
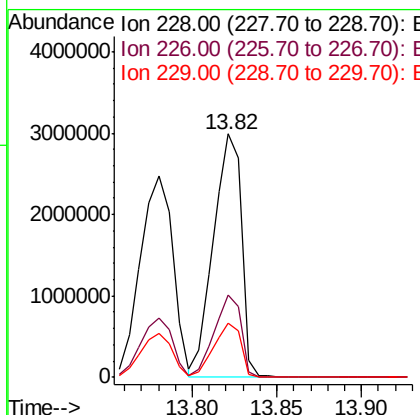
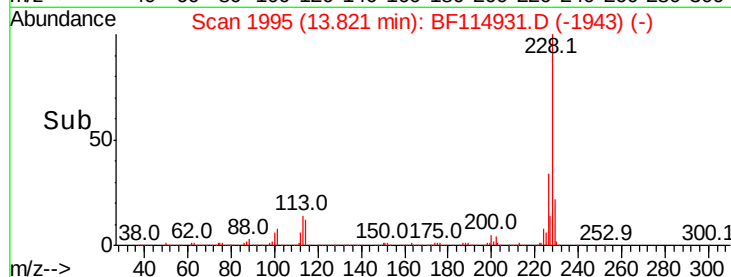
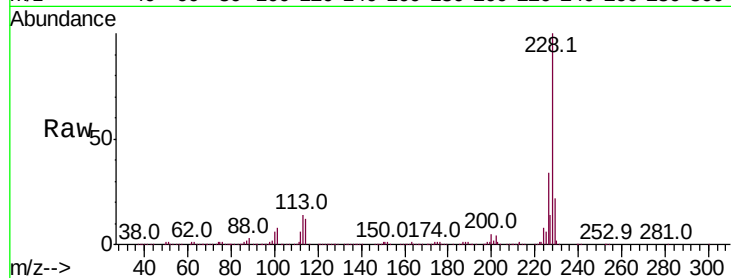
#83
 Chrysene
 Concen: 88.299 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. 0.01 min
 Lab File: BF114931.D
 Acq: 10 Jun 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.1	25.8	38.8
229	22.2	17.2	25.8

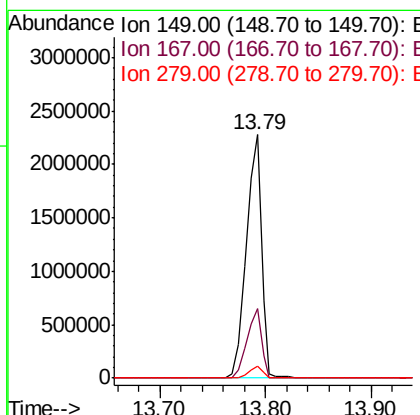
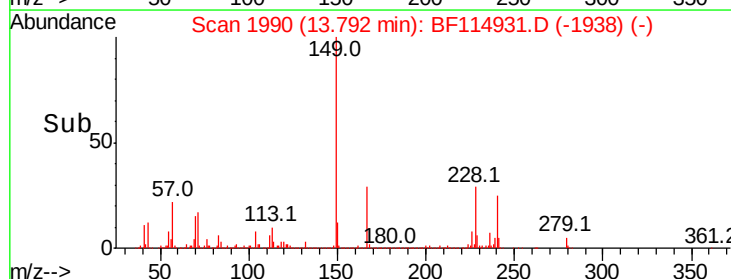
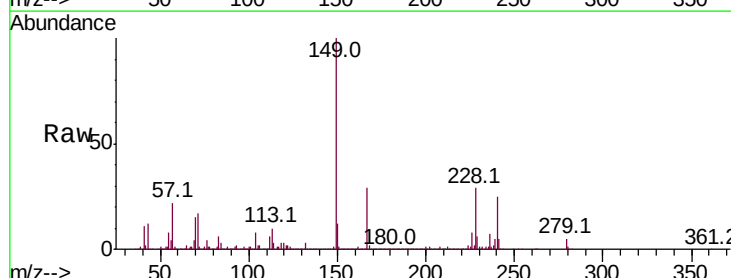
Manual Integrations
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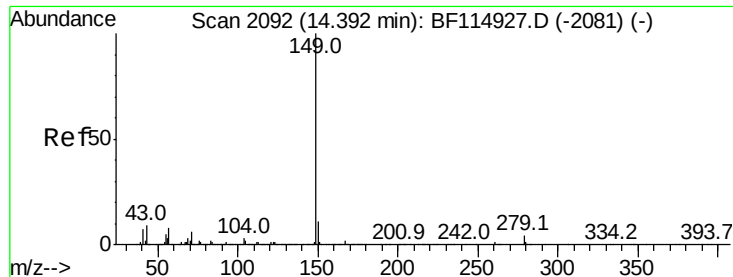
mohammad
 6/12/2019 9:13:53 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 77.403 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: BF114931.D
 Acq: 10 Jun 2019 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.9	32.9
279	4.8	3.2	4.8#





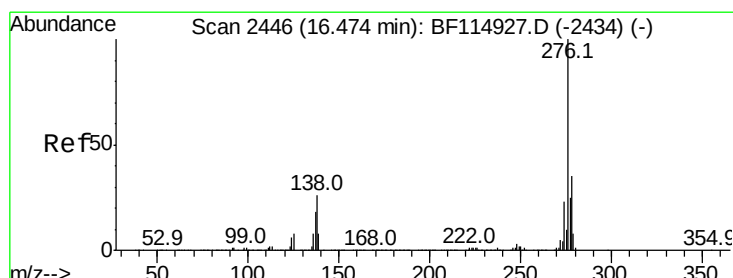
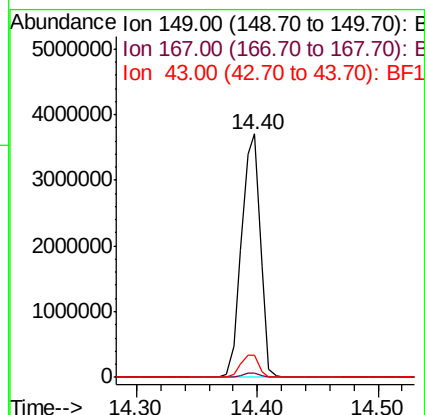
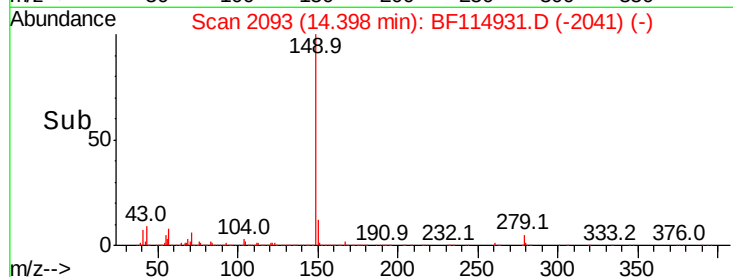
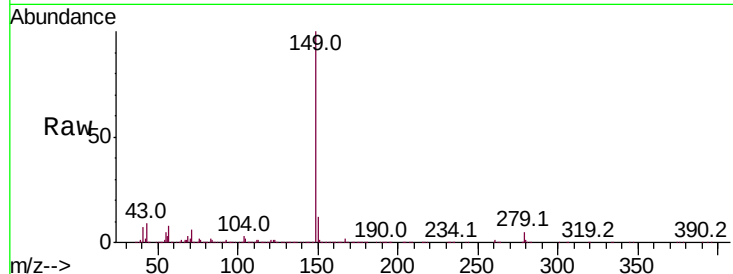
#85
Di-n-octyl phthalate
Concen: 81.624 ng
RT: 14.40 min Scan# 2093
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.0	6.8	10.2

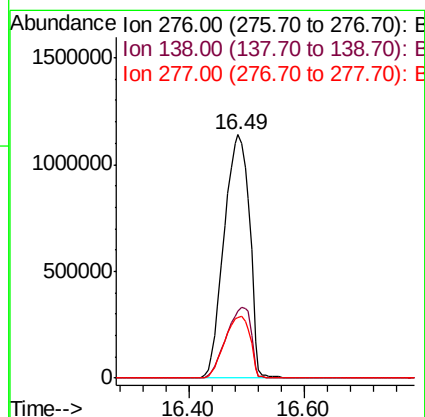
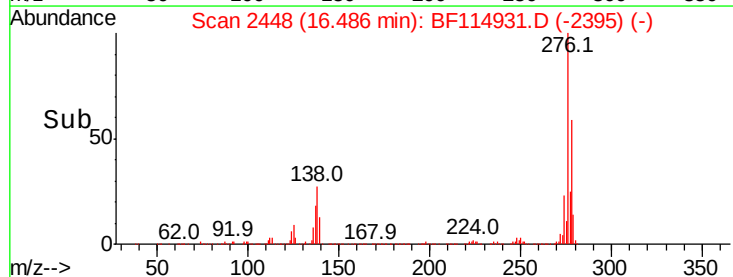
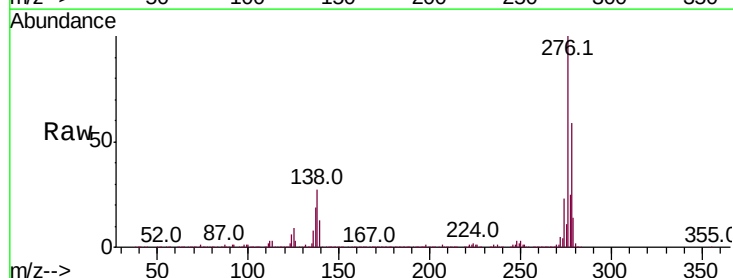
Manual Integrations
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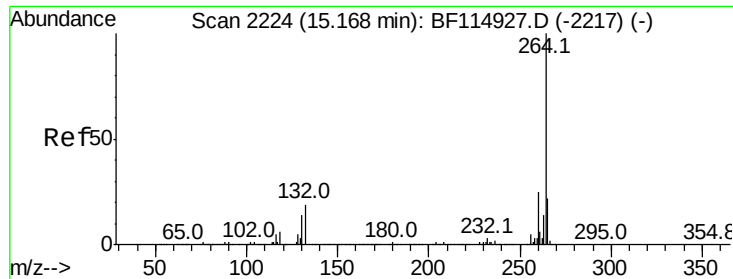
mohammad
6/12/2019 9:13:53 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 77.635 ng
RT: 16.49 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	23.3	34.9
277	25.7	20.5	30.7





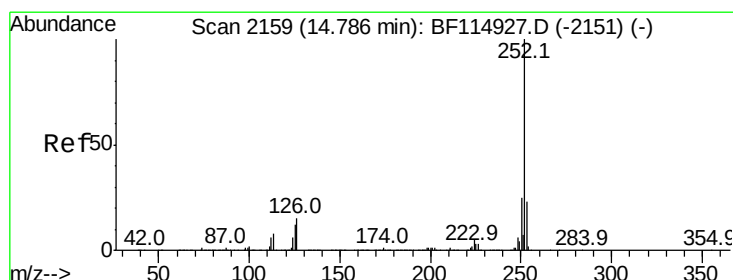
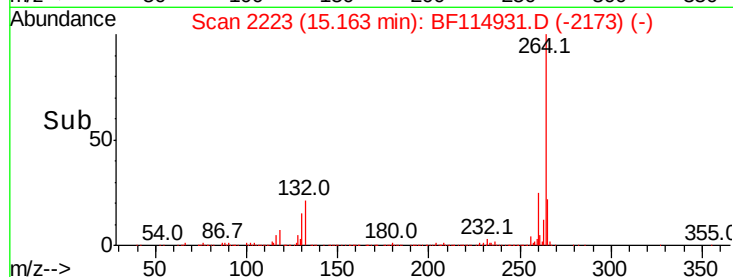
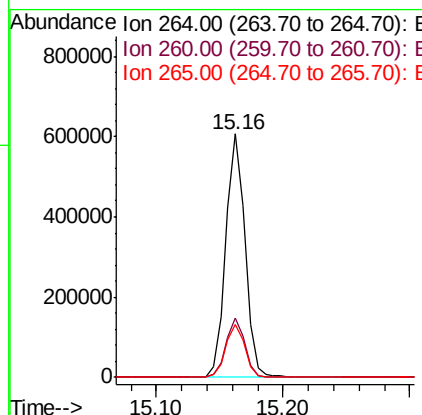
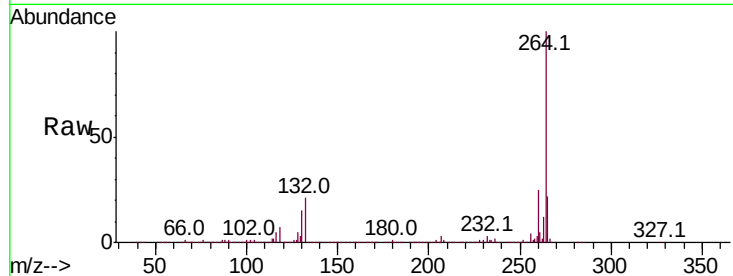
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.6	17.5	26.3

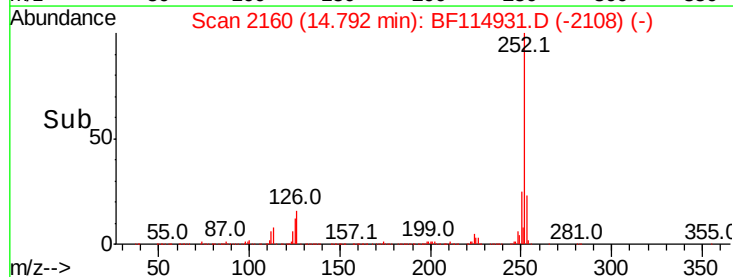
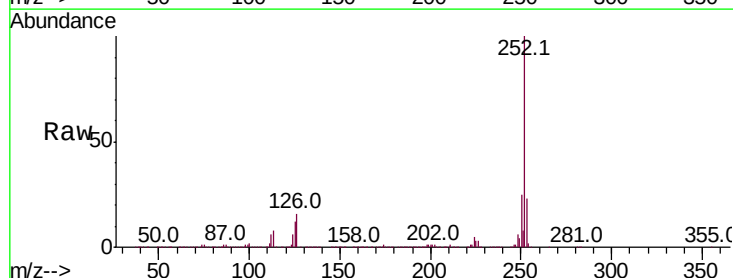
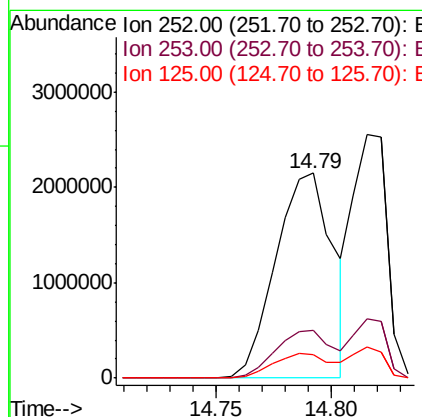
Manual Integrations
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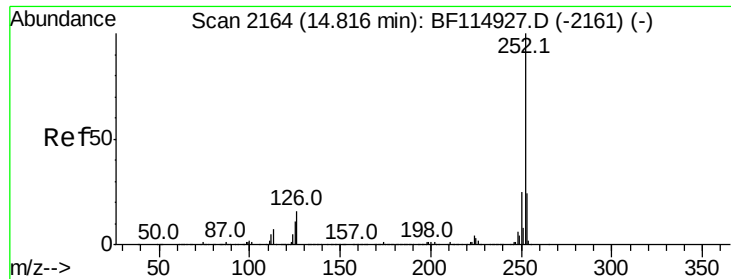
mohammad
6/12/2019 9:13:53 AM



#88
Benzo(b)fluoranthene
Concen: 90.494 ng
RT: 14.79 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	28.0
125	11.6	9.5	14.3





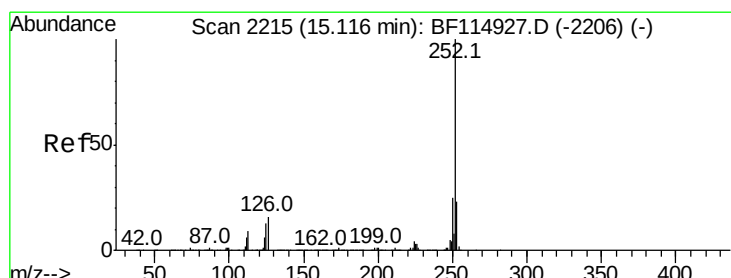
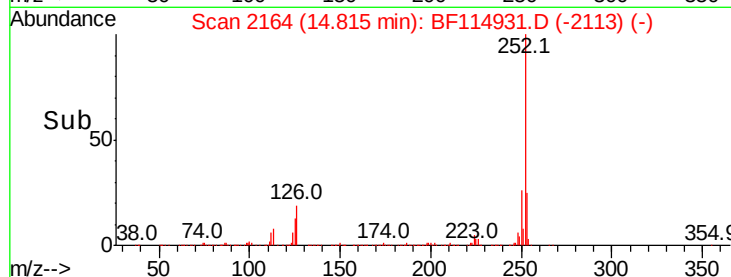
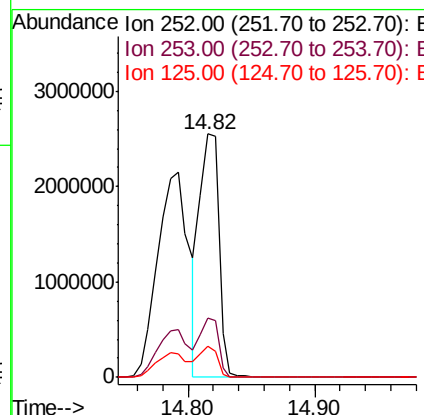
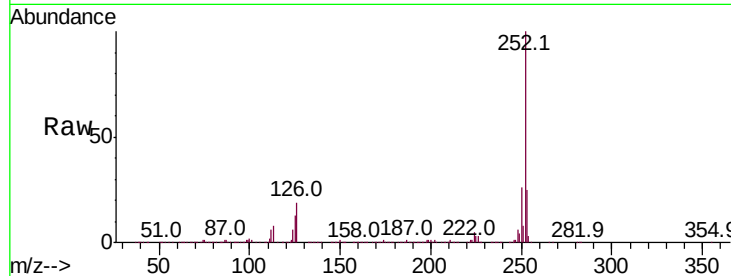
#89
Benzo(k)fluoranthene
Concen: 77.079 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.6	28.0
125	12.7	9.2	13.8

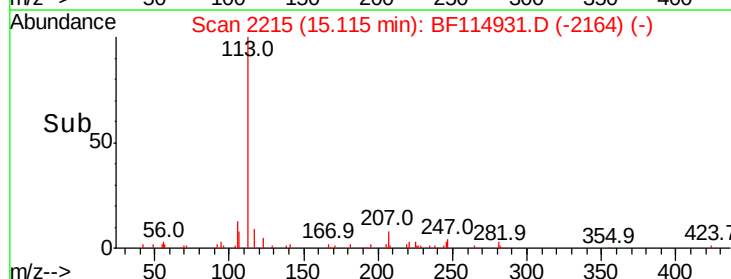
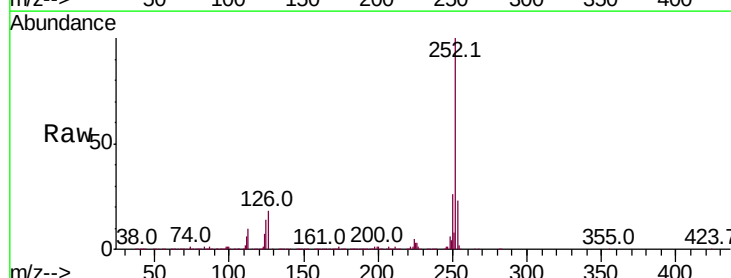
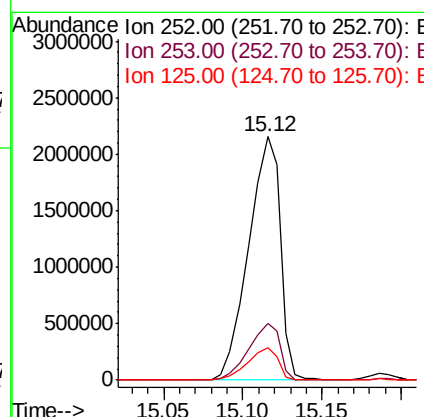
Manual Integrations
APPROVED

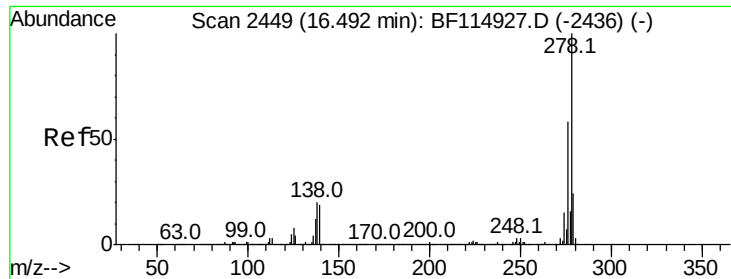
mohammad
6/12/2019 9:13:53 AM



#90
Benzo(a)pyrene
Concen: 85.063 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	13.5	10.1	15.1





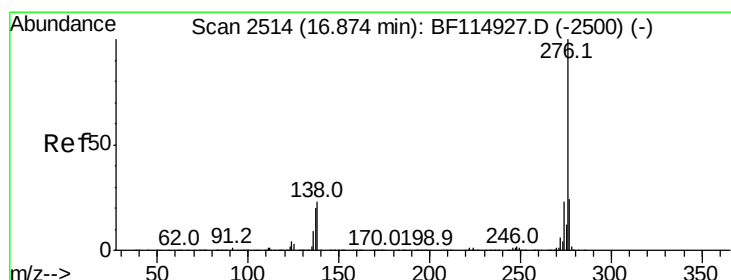
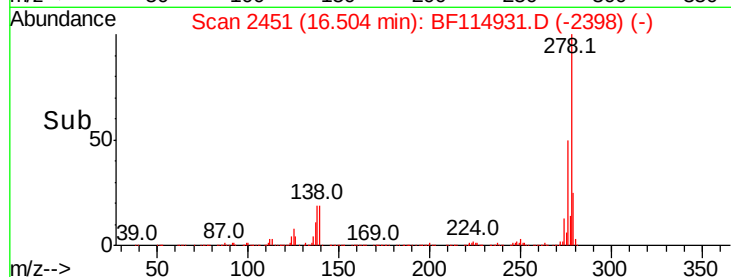
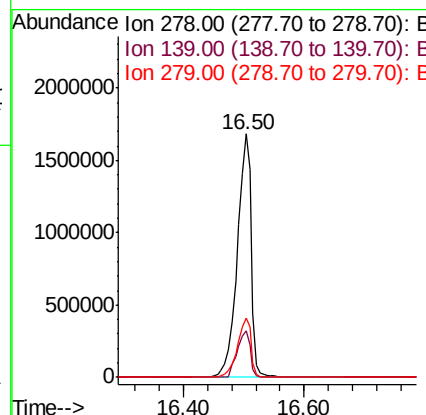
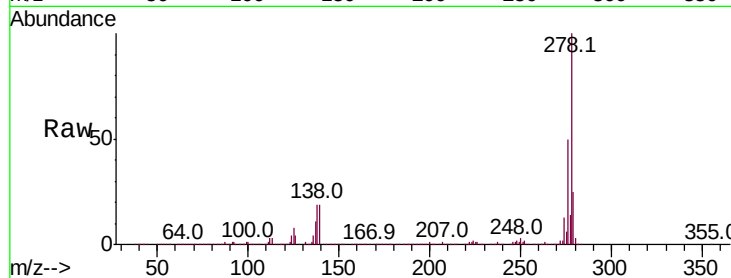
#91
Dibenzo(a,h)anthracene
Concen: 81.082 ng
RT: 16.50 min Scan# 2451
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:278 Resp: 2709073
Ion Ratio Lower Upper
278 100
139 19.3 15.1 22.7
279 24.6 19.6 29.4

Manual Integrations
APPROVED

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#92
Benzo(g,h,i)perylene
Concen: 87.406 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BF114931.D
Acq: 10 Jun 2019 13:12

Tgt Ion:276 Resp: 2936778
Ion Ratio Lower Upper
276 100
277 24.7 19.0 28.6
138 25.9 18.7 28.1

