

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061019\
 Data File : BF114932.D
 Acq On : 10 Jun 2019 14:15
 Operator : HP/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

mohammad
 6/12/2019 9:13:57 AM

Quant Time: Jun 10 16:46:34 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 14:00:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	270906	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1108441	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	552983	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1088937	20.00	ng	0.00
76) Chrysene-d12	13.80	240	573121	20.00	ng	0.00
87) Perylene-d12	15.17	264	734826	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	2398122	152.11	ng	0.00
7) Phenol-d6	6.32	99	2852041	150.38	ng	0.00
23) Nitrobenzene-d5	7.23	82	2766960	156.59	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	909408	154.36	ng	0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.75	244	4405920	155.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	610916	81.487	ng	99
3) Pyridine	2.96	79	1746248	84.354	ng	99
4) n-Nitrosodimethylamine	2.92	42	621067	83.827	ng	99
6) Aniline	6.33	93	1925622	75.139	ng	# 72
8) 2-Chlorophenol	6.45	128	1390394	77.405	ng	96
10) Phenol	6.33	94	1614845	76.078	ng	97
11) bis(2-Chloroethyl)ether	6.41	93	1328058	78.810	ng	99
12) 1,3-Dichlorobenzene	6.60	146	1590117	76.198	ng	98
13) 1,4-Dichlorobenzene	6.68	146	1605329	76.585	ng	98
14) 1,2-Dichlorobenzene	6.84	146	1400073	73.137	ng	99
15) Benzyl Alcohol	6.82	79	1024888	74.580	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1775290	76.306	ng	98
17) 2-Methylphenol	6.93	107	1197776	79.993	ng	97
18) Hexachloroethane	7.17	117	601267	78.012	ng	99
19) n-Nitroso-di-n-propylamine	7.10	70	923980	78.245	ng	98
20) 3+4-Methylphenols	7.09	107	1224143	72.619	ng	99
22) Acetophenone	7.08	105	1844815	75.796	ng	# 97
24) Nitrobenzene	7.25	77	1449856	78.582	ng	97
25) Isophorone	7.50	82	2746648	79.975	ng	99
26) 2-Nitrophenol	7.56	139	827298	81.403	ng	95
27) 2,4-Dimethylphenol	7.62	122	1166257	78.166	ng	100
28) bis(2-Chloroethoxy)methane	7.70	93	1739748	78.731	ng	100
29) 2,4-Dichlorophenol	7.81	162	1235906	78.776	ng	96
30) 1,2,4-Trichlorobenzene	7.89	180	1387548	77.054	ng	99
31) Naphthalene	7.97	128	3668982	72.838	ng	97
32) Benzoic acid	7.78	122	1060618	96.634	ng	98
33) 4-Chloroaniline	8.02	127	1798195	76.440	ng	99
34) Hexachlorobutadiene	8.09	225	764562	75.454	ng	98
35) Caprolactam	8.42	113	444528m	83.920	ng	
36) 4-Chloro-3-methylphenol	8.52	107	1244681	78.606	ng	96
37) 2-Methylnaphthalene	8.66	142	2546525	74.378	ng	98
38) 1-Methylnaphthalene	8.76	142	2385063	73.652	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	1146871	73.148	ng	99
41) Hexachlorocyclopentadiene	8.82	237	731106	82.562	ng	99

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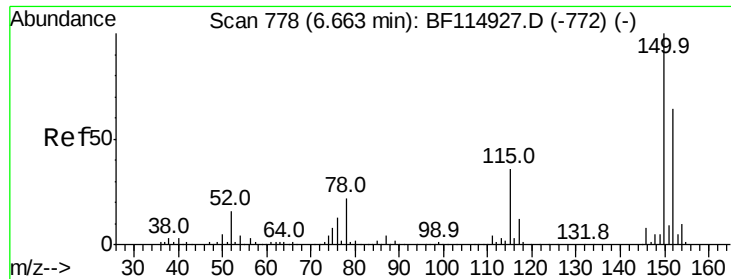
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.94	196	933012	79.147	nq	97
44) 2,4,5-Trichlorophenol	8.98	196	959217	78.691	nq	98
46) 1,1'-Biphenyl	9.12	154	2933718	71.809	nq	98
47) 2-Chloronaphthalene	9.15	162	2535630	73.524	nq	98
48) 2-Nitroaniline	9.24	65	840182	81.249	nq	91
49) Acenaphthylene	9.56	152	3648807	71.756	nq	97
50) Dimethylphthalate	9.43	163	3165250	78.110	nq	99
51) 2,6-Dinitrotoluene	9.49	165	752835	80.579	nq	99
52) Acenaphthene	9.73	154	2243149	72.912	nq	99
53) 3-Nitroaniline	9.66	138	881939	78.526	nq	97
54) 2,4-Dinitrophenol	9.76	184	423839	92.767	nq	100
55) Dibenzofuran	9.90	168	3120922	71.022	nq	99
56) 4-Nitrophenol	9.82	139	676325	85.704	nq	93
57) 2,4-Dinitrotoluene	9.89	165	927173	77.679	nq	97
58) Fluorene	10.25	166	2247194	69.426	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.02	232	769560	77.912	nq	98
60) Diethylphthalate	10.13	149	3003928	75.675	nq	98
61) 4-Chlorophenyl-phenylether	10.23	204	1121592	69.276	nq	94
62) 4-Nitroaniline	10.27	138	933291	81.600	nq	98
63) Azobenzene	10.39	77	2587385	74.881	nq	97
65) 4,6-Dinitro-2-methylphenol	10.30	198	520641	87.734	nq	90
66) n-Nitrosodiphenylamine	10.36	169	2389235	75.385	nq	99
67) 4-Bromophenyl-phenylether	10.72	248	880935	76.170	nq	96
68) Hexachlorobenzene	10.79	284	966626	75.809	nq	95
69) Atrazine	10.89	200	794417	74.264	nq	99
70) Pentachlorophenol	10.98	266	606748	85.734	nq	100
71) Phenanthrene	11.19	178	3738115	71.930	nq	99
72) Anthracene	11.25	178	3772471	71.298	nq	98
73) Carbazole	11.40	167	3525791	73.611	nq	98
74) Di-n-butylphthalate	11.74	149	4230319	71.007	nq	97
75) Fluoranthene	12.37	202	3926244	72.962	nq	99
77) Benzidine	12.49	184	1780901	72.121	nq	# 95
78) Pyrene	12.60	202	3963590	81.806	nq	98
80) Butylbenzylphthalate	13.23	149	2051995	86.065	nq	99
81) Benzo(a)anthracene	13.78	228	3277007	78.956	nq	98
82) 3,3'-Dichlorobenzidine	13.75	252	1377765	81.637	nq	100
83) Chrysene	13.83	228	3439754	82.197	nq	98
84) Bis(2-ethylhexyl)phthalate	13.79	149	2196042	77.477	nq	98
85) Di-n-octyl phthalate	14.40	149	4115491	80.360	nq	99
86) Indeno(1,2,3-cd)pyrene	16.49	276	3355852	87.252	nq	99
88) Benzo(b)fluoranthene	14.79	252	3614962	76.755	nq	99
89) Benzo(k)fluoranthene	14.82	252	3127153	78.318	nq	98
90) Benzo(a)pyrene	15.12	252	3178039	78.414	nq	98
91) Dibenzo(a,h)anthracene	16.51	278	2671959	78.945	nq	99
92) Benzo(g,h,i)perylene	16.89	276	2697482	80.577	nq	98

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



#1

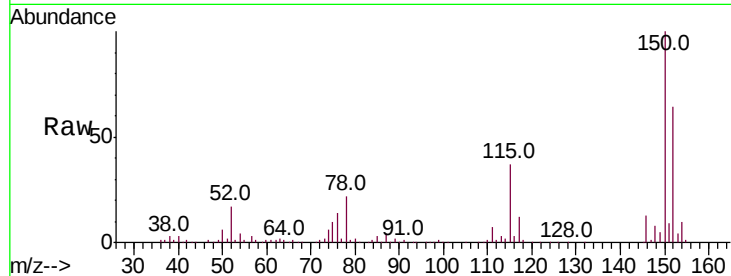
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.2	187.8
115	57.1	45.0	67.4

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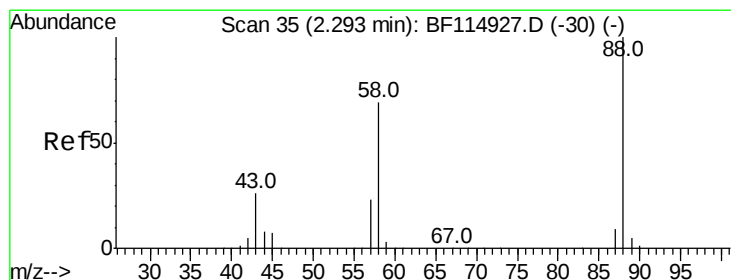
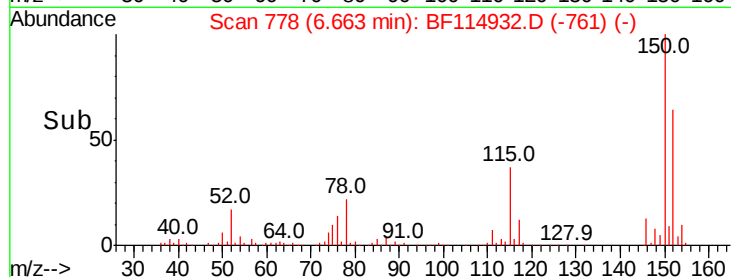
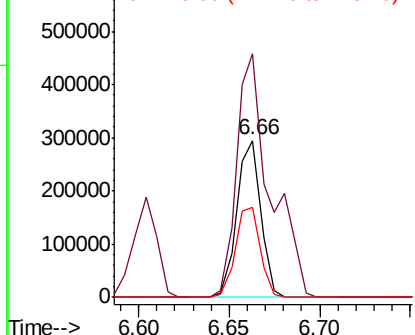


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

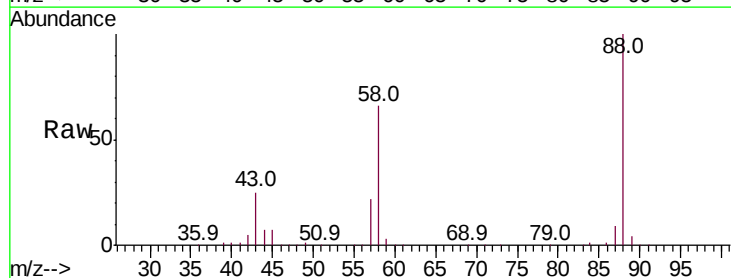
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 81.487 ng
RT: 2.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.3	54.2	81.2
43	25.1	20.6	30.8

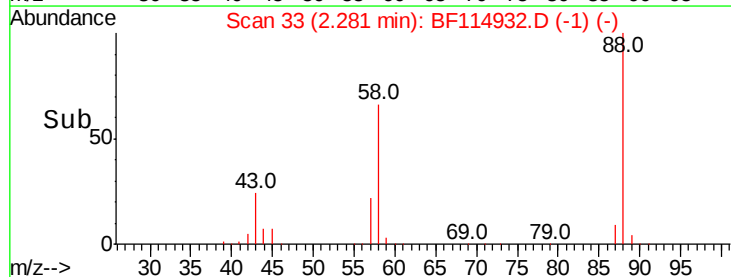
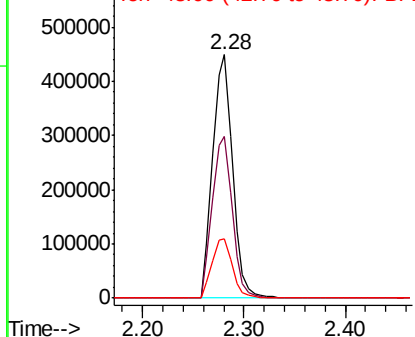


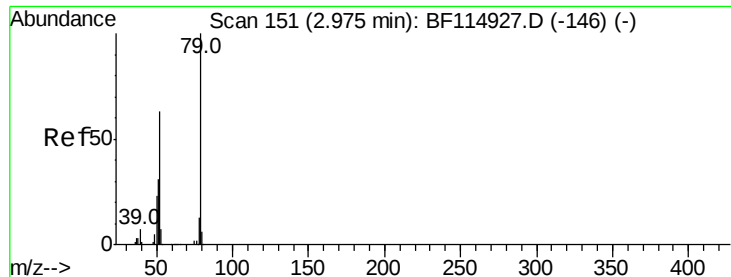
Abundance

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





#3

Pvridine

Concen: 84.354 ng

RT: 2.96 min Scan# 148

Delta R.T. -0.02 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 79 Resp: 1746248

Ion Ratio Lower Upper

79 100

52 64.1 50.2 75.2

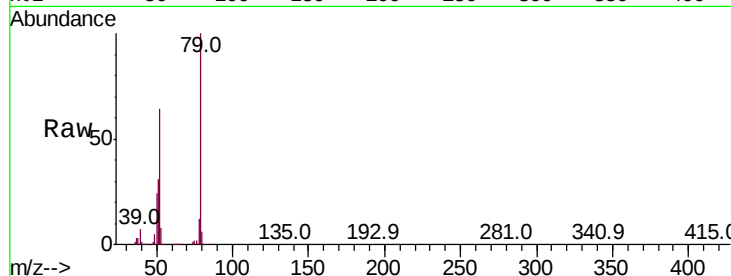
51 31.0 24.6 37.0

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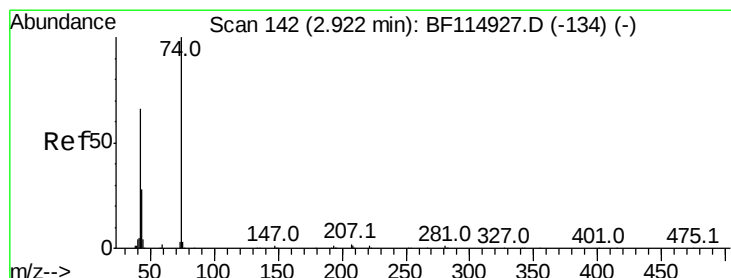
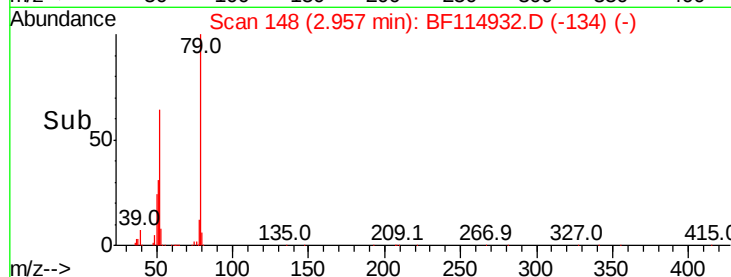
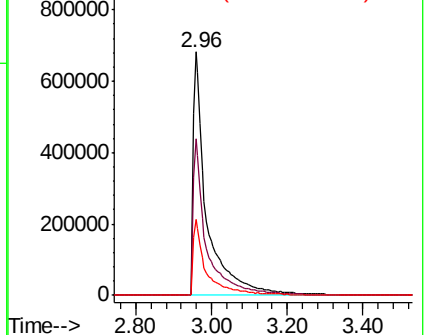
6/12/2019 9:13:57 AM



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: 83.827 ng

RT: 2.92 min Scan# 142

Delta R.T. -0.00 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

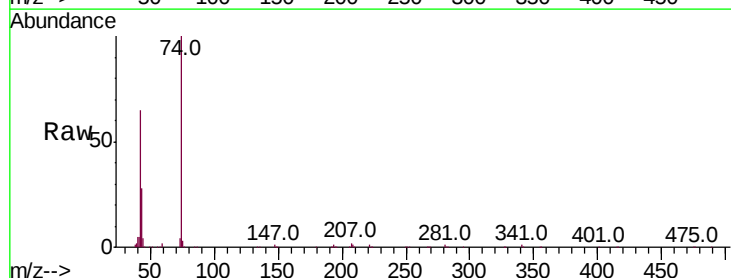
Tgt Ion: 42 Resp: 621067

Ion Ratio Lower Upper

42 100

74 154.1 121.9 182.9

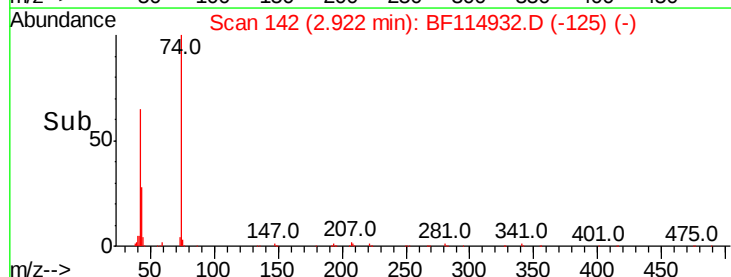
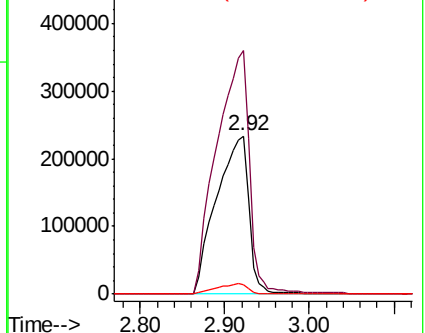
44 6.3 5.1 7.7

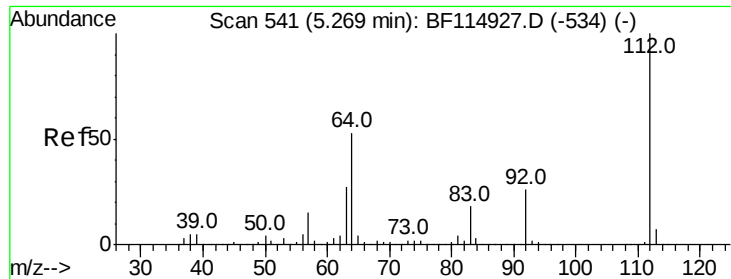


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 152.107 ng

RT: 5.27 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:112 Resp: 2398122

Ion Ratio Lower Upper

112 100

64 55.8 42.1 63.1

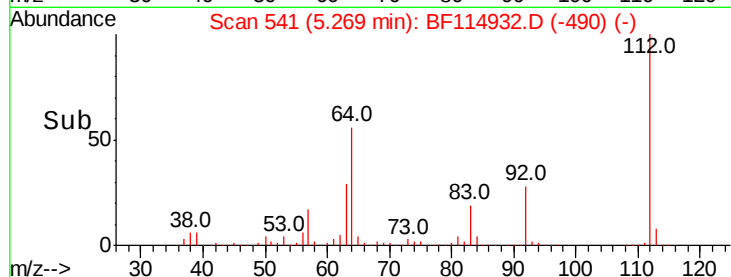
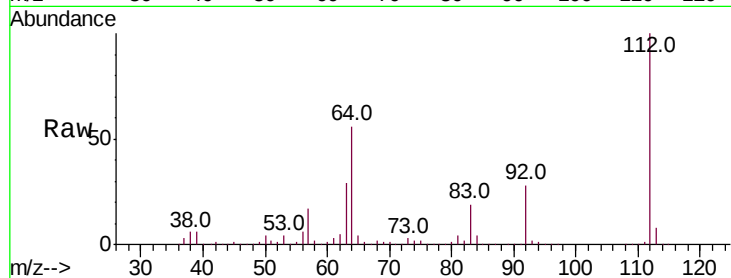
63 29.1 21.8 32.8

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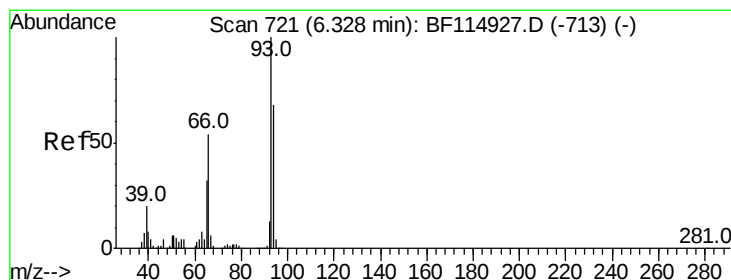
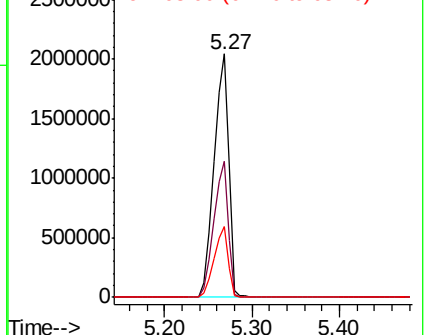
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 75.139 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

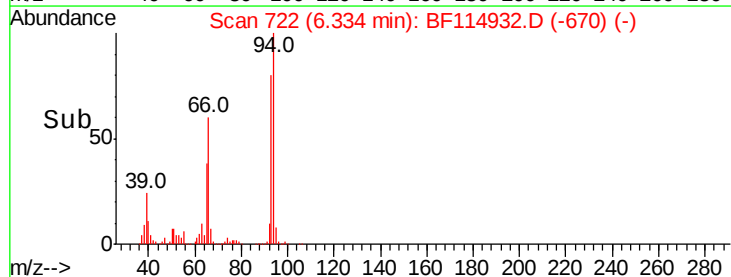
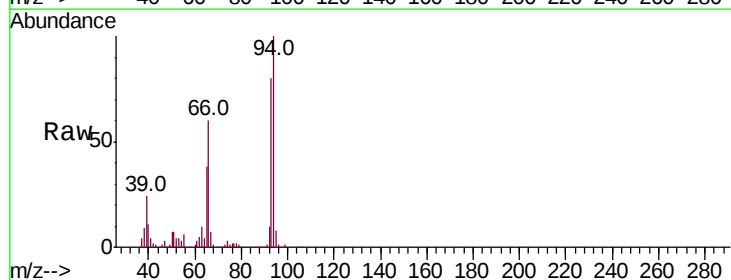
Tgt Ion: 93 Resp: 1925622

Ion Ratio Lower Upper

93 100

66 75.3 43.6 65.4#

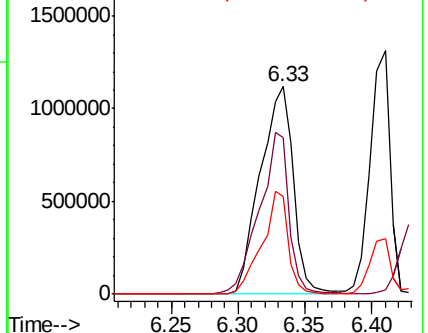
65 47.3 25.7 38.5#

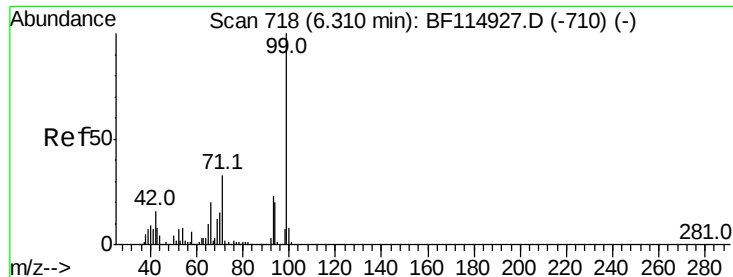


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 150.378 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 99 Resp: 2852041

Ion Ratio Lower Upper

99 100

42 17.4 13.1 19.7

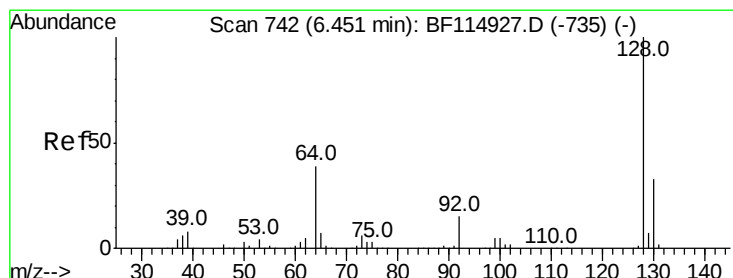
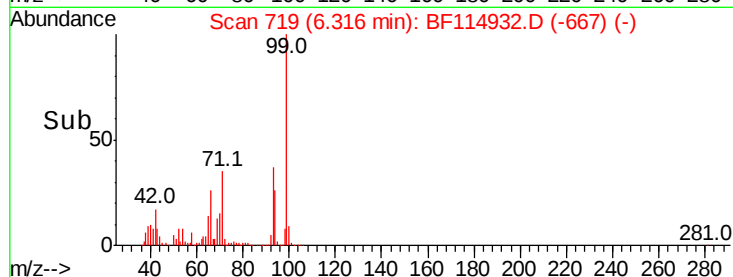
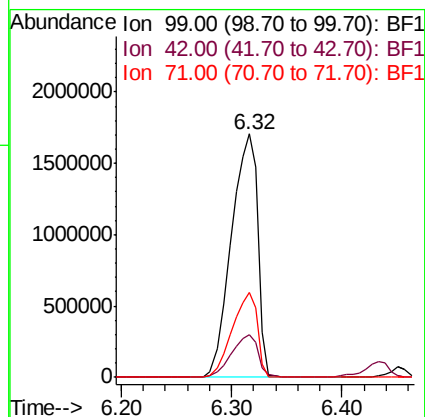
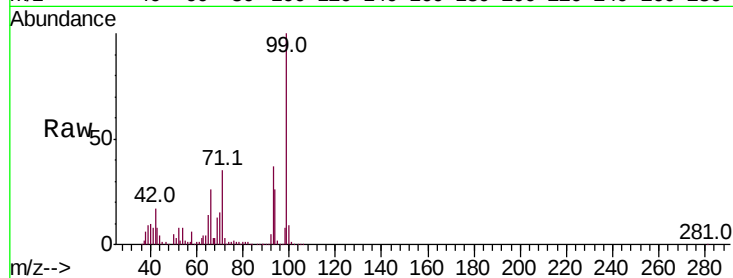
71 34.7 26.8 40.2

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#8

2-Chlorophenol

Concen: 77.405 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

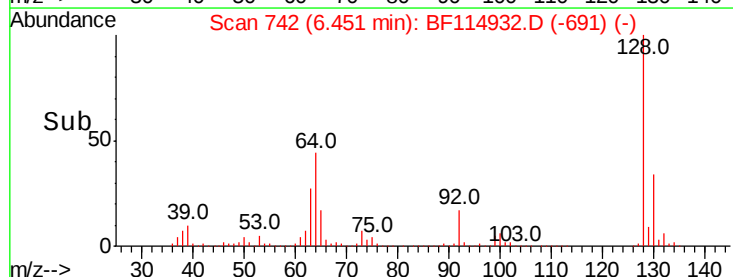
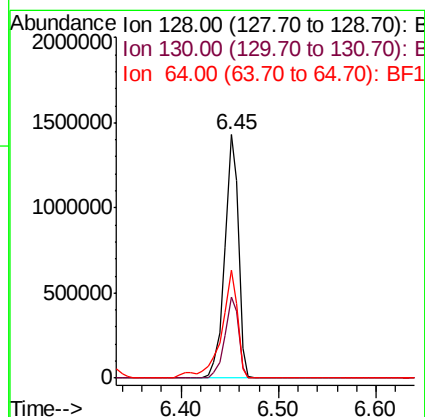
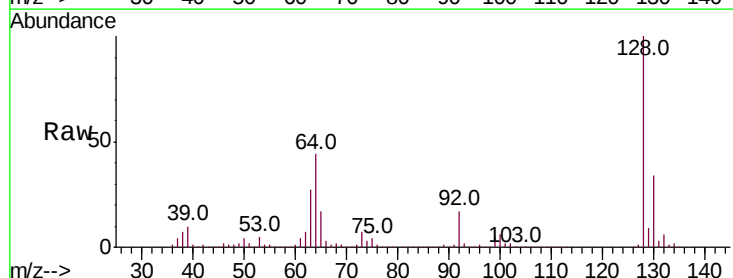
Tgt Ion:128 Resp: 1390394

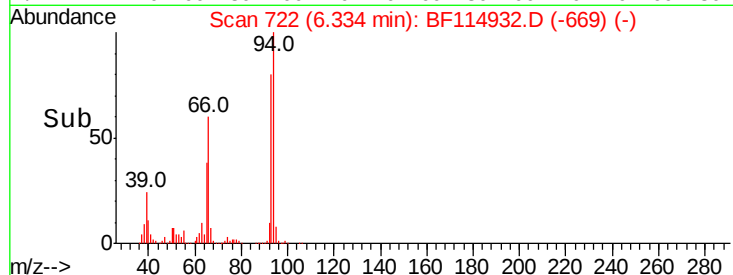
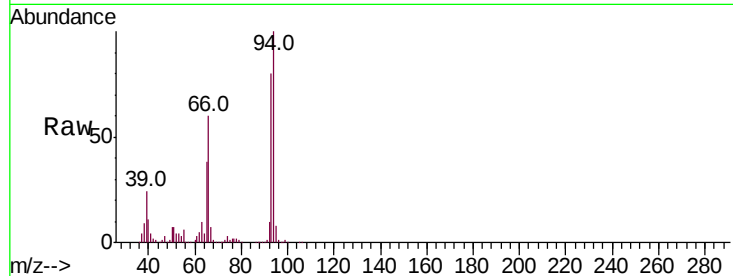
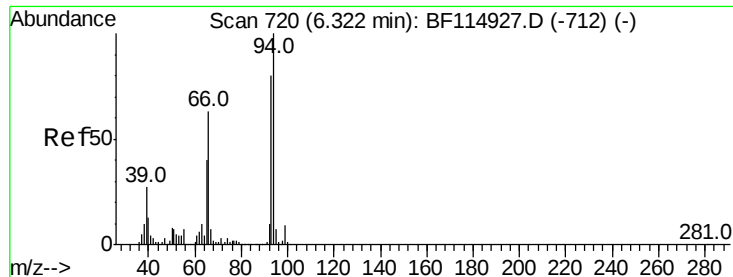
Ion Ratio Lower Upper

128 100

130 33.5 13.3 53.3

64 44.1 19.5 59.5





#10

Phenol

Concen: 76.078 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

Tot Ion: 94 Resp: 1614845

Ion Ratio Lower Upper

94 100

65 37.7 19.6 59.6

66 59.9 42.6 82.6

Instrument :

BNA_F

ClientSampleId :

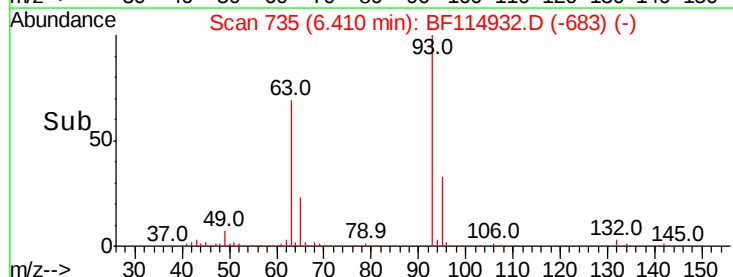
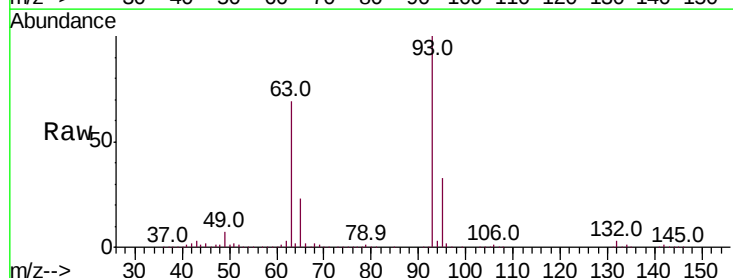
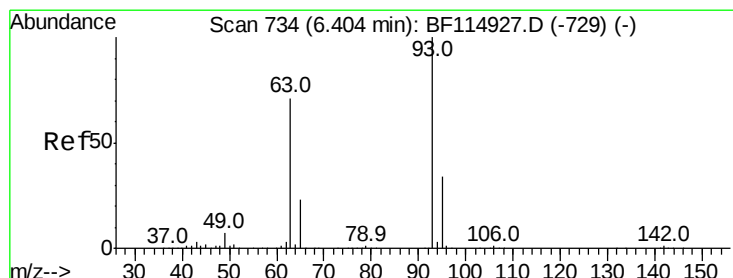
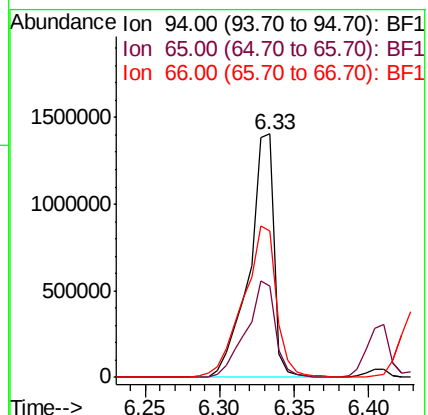
SSTDIC080

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#11

bis(2-Chloroethyl)ether

Concen: 78.810 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

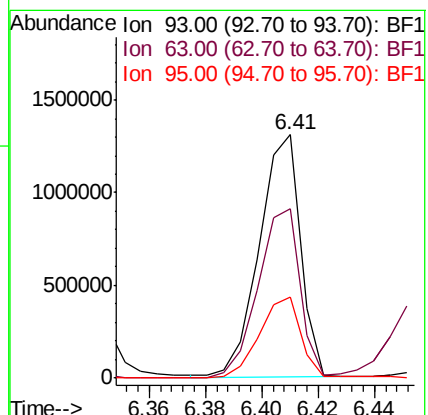
Tgt Ion: 93 Resp: 1328058

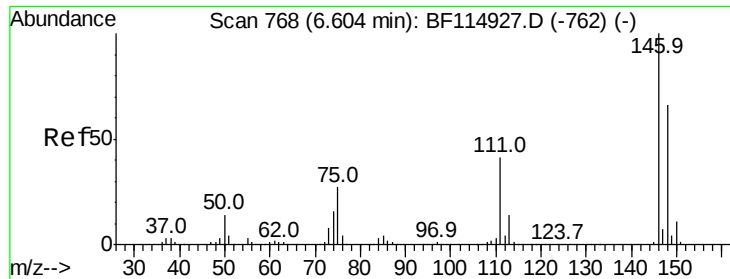
Ion Ratio Lower Upper

93 100

63 69.4 50.5 90.5

95 33.3 13.6 53.6





#12

1,3-Dichlorobenzene

Concen: 76.198 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:146 Resp: 1590117

Ion Ratio Lower Upper

146 100

148 66.4 52.6 78.8

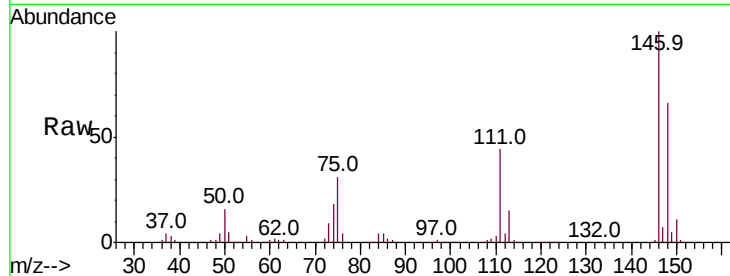
75 30.7 21.9 32.9

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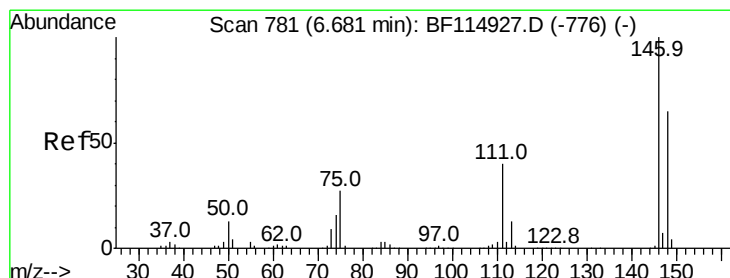
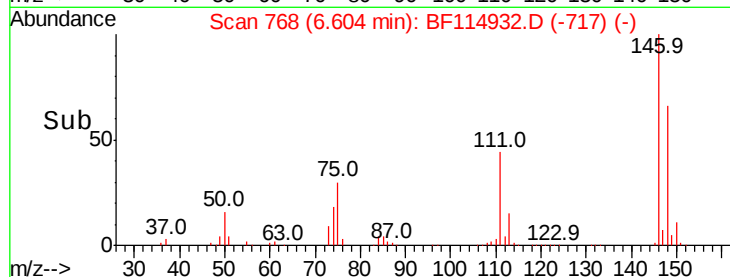
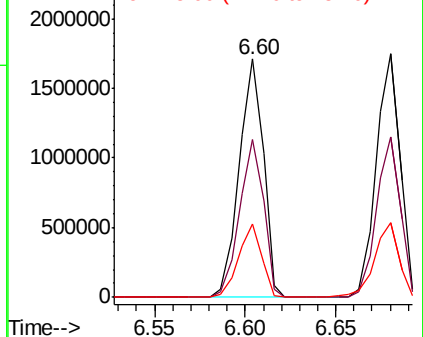
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 76.585 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

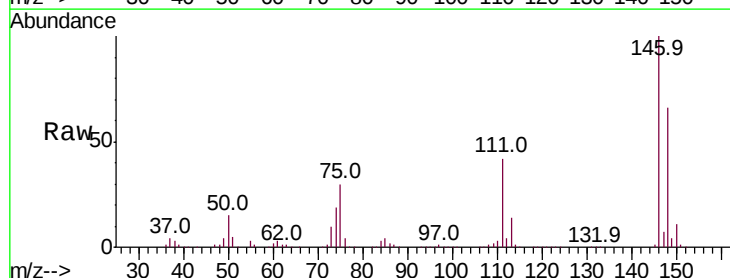
Tgt Ion:146 Resp: 1605329

Ion Ratio Lower Upper

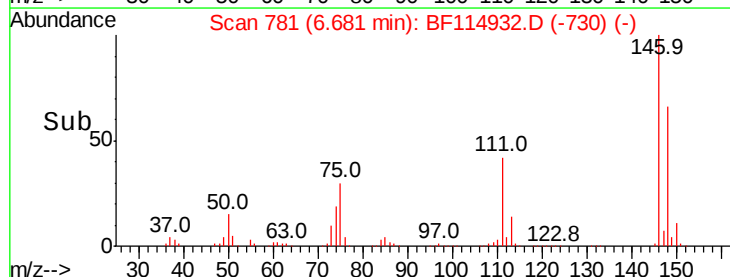
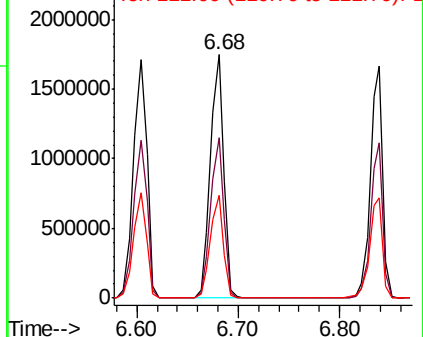
146 100

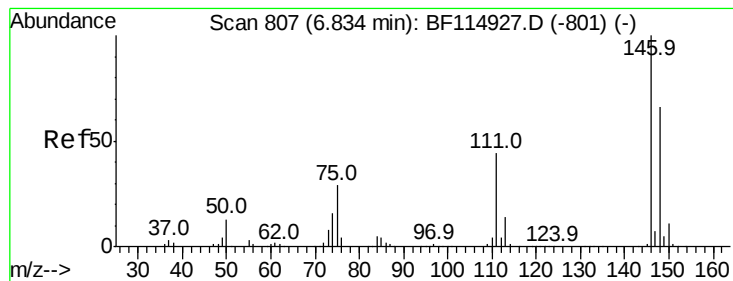
148 66.0 52.3 78.5

111 42.3 31.8 47.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





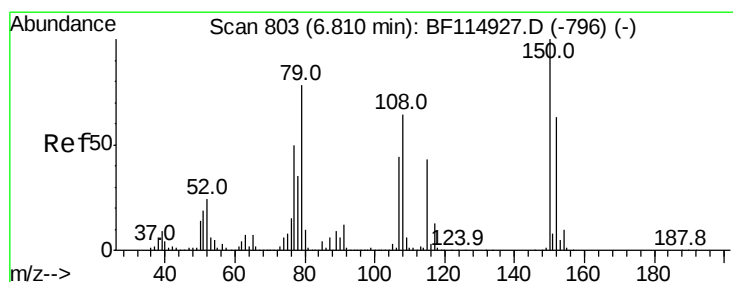
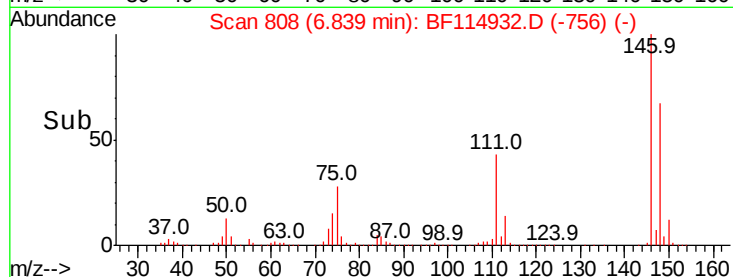
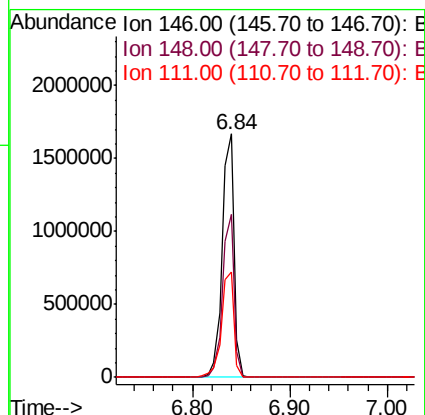
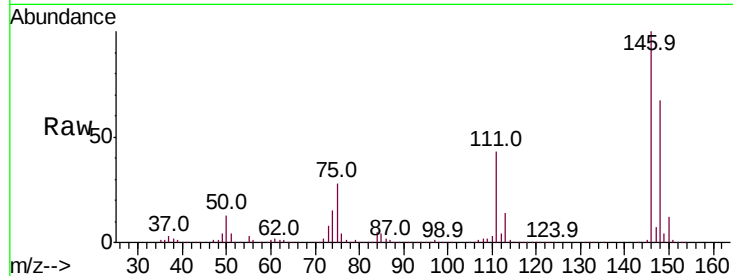
#14
1,2-Dichlorobenzene
Concen: 73.137 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:146 Resp: 1400073
Ion Ratio Lower Upper
146 100
148 66.8 52.7 79.1
111 43.1 35.4 53.2

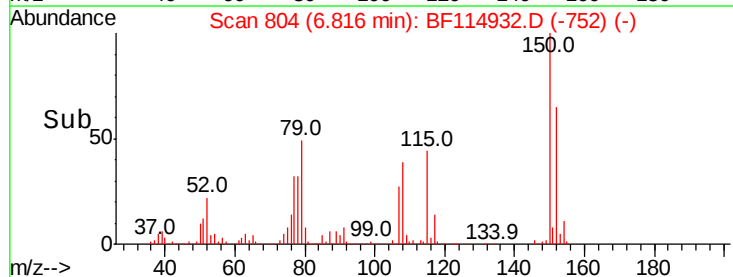
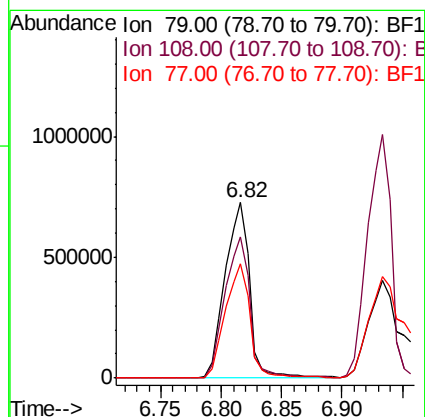
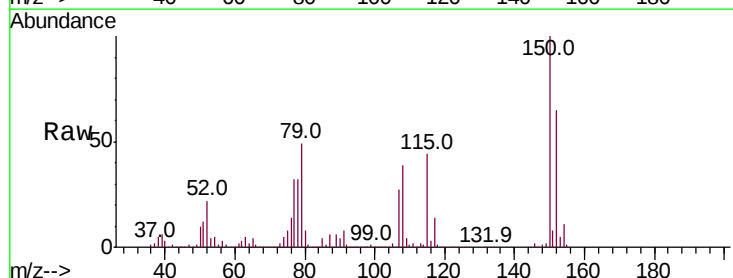
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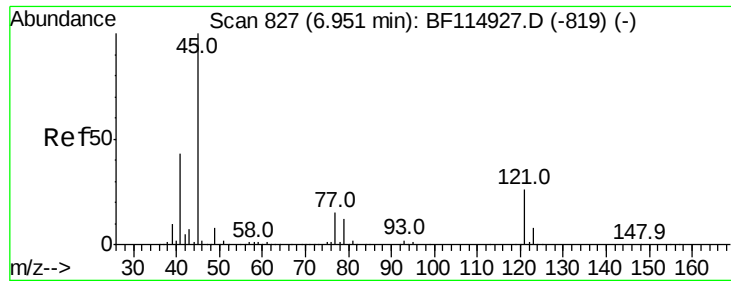
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#15
Benzyl Alcohol
Concen: 74.580 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Tgt Ion: 79 Resp: 1024888
Ion Ratio Lower Upper
79 100
108 80.3 65.5 98.3
77 65.4 51.3 76.9





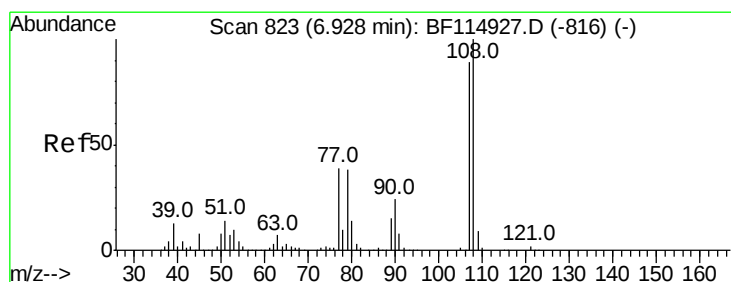
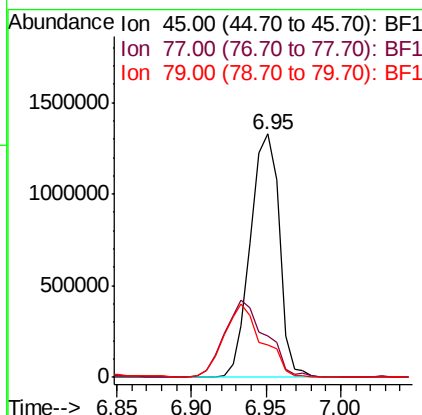
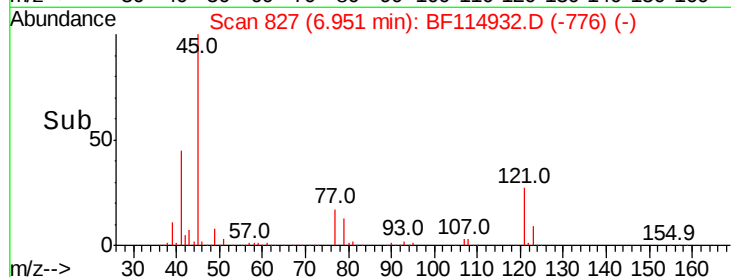
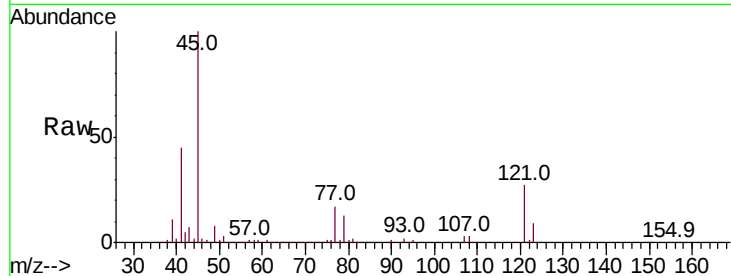
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 76.306 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion: 45 Resp: 1775290
Ion Ratio Lower Upper
45 100
77 17.1 0.0 36.2
79 13.5 0.0 32.7

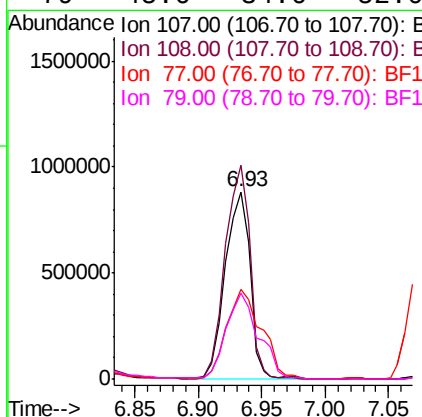
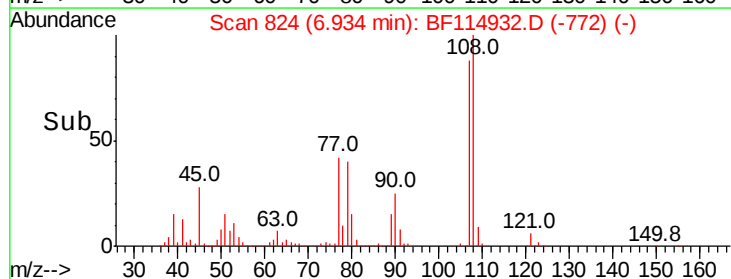
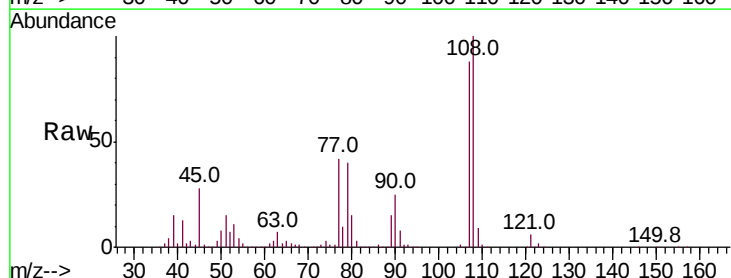
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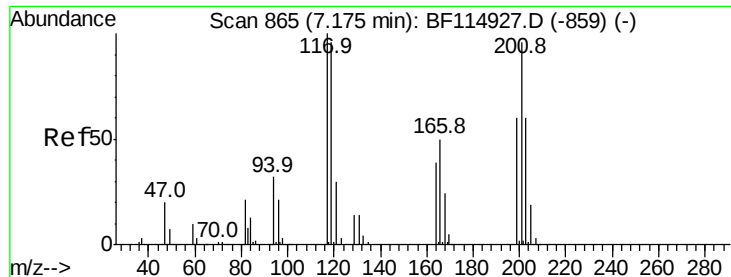
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#17
2-Methylphenol
Concen: 79.993 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Tgt Ion:107 Resp: 1197776
Ion Ratio Lower Upper
107 100
108 114.0 90.2 135.2
77 47.6 35.4 53.0
79 45.6 34.6 52.0





#18

Hexachloroethane

Concen: 78.012 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

Instrument :

BNA_F

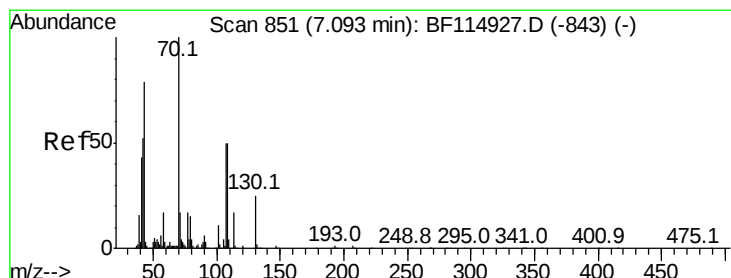
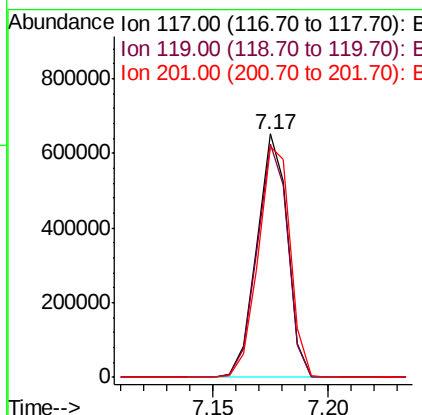
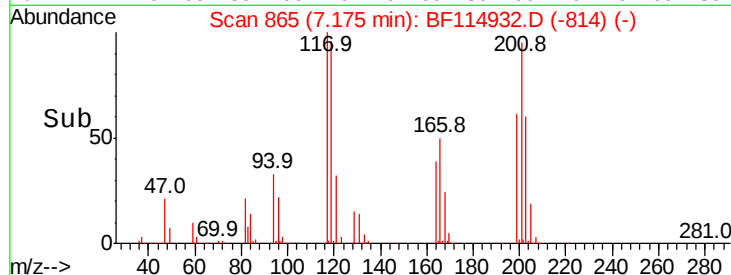
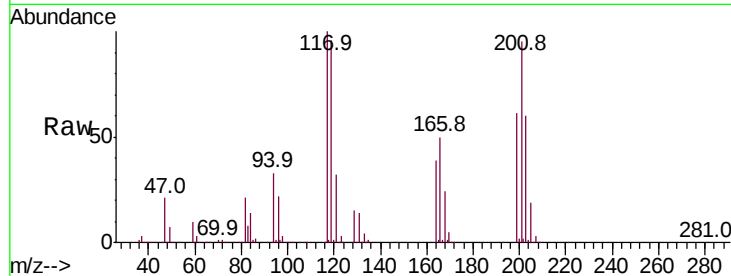
ClientSampleId :

SSTDIC080

Tot Ion:117	Resp:	601267
Ion Ratio	Lower	Upper
117	100	
119	95.9	76.6 114.8
201	94.9	77.0 115.6

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#19

n-Nitroso-di-n-propylamine

Concen: 78.245 ng

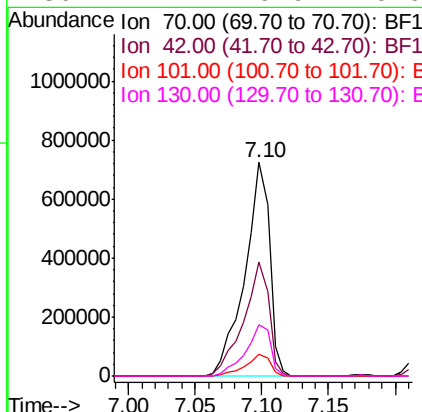
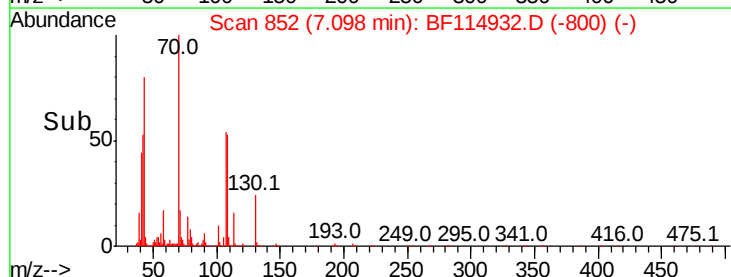
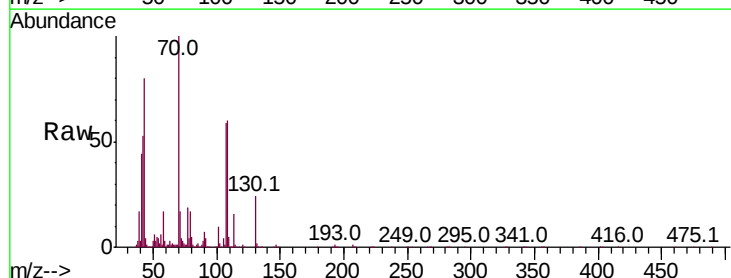
RT: 7.10 min Scan# 852

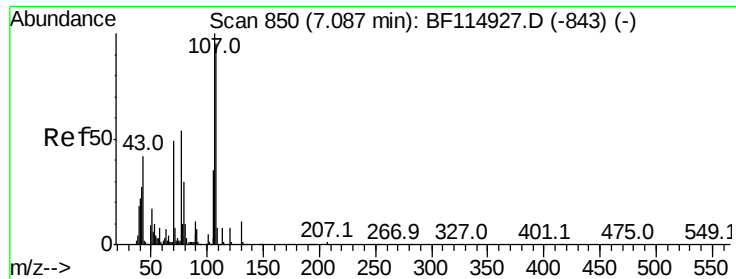
Delta R.T. 0.01 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

Tgt Ion: 70	Resp:	923980
Ion Ratio	Lower	Upper
70	100	
42	53.3	41.7 62.5
101	10.3	8.4 12.6
130	24.1	19.9 29.9





#20

3+4-Methylphenols

Concen: 72.619 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.01 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

Instrument :

BNA_F

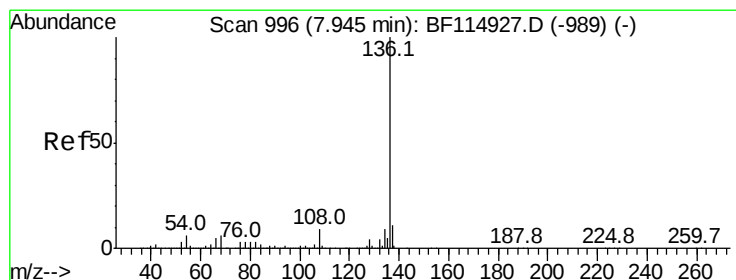
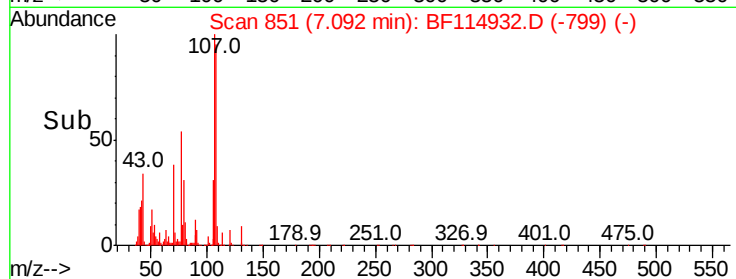
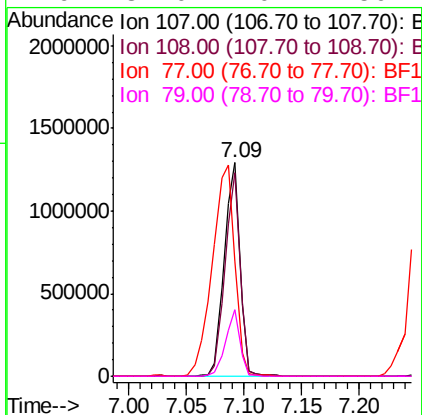
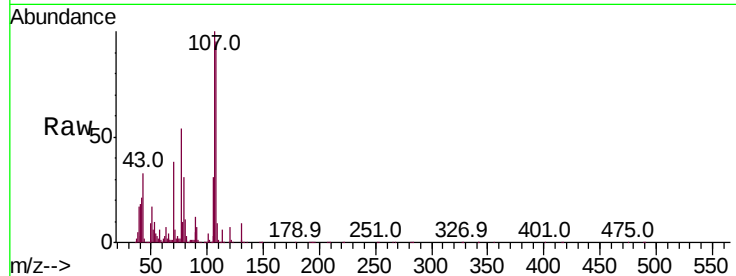
ClientSampleId :

SSTDIC080

Tot Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.1	74.7	114.7	
77	53.7	33.7	73.7	
79	31.0	10.2	50.2	

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#21

Naphthalene-d8

Concen: 20.000 ng

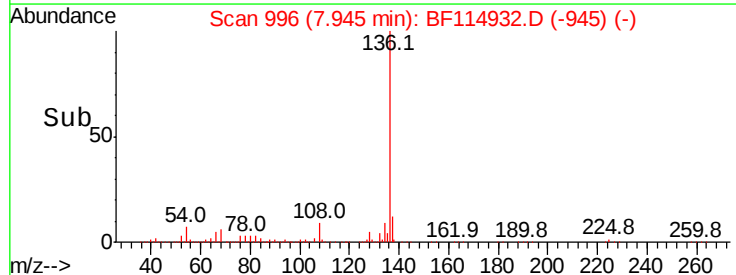
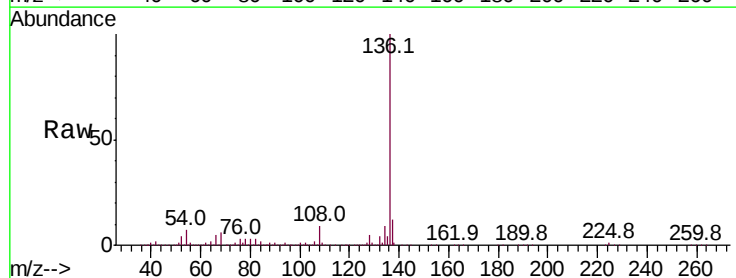
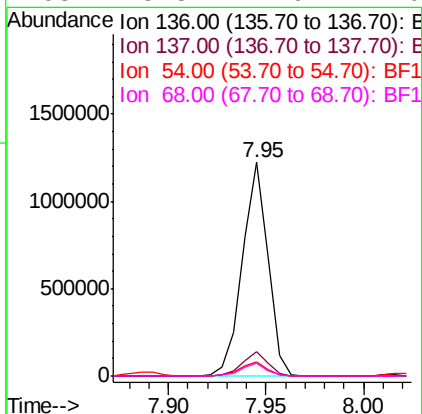
RT: 7.95 min Scan# 996

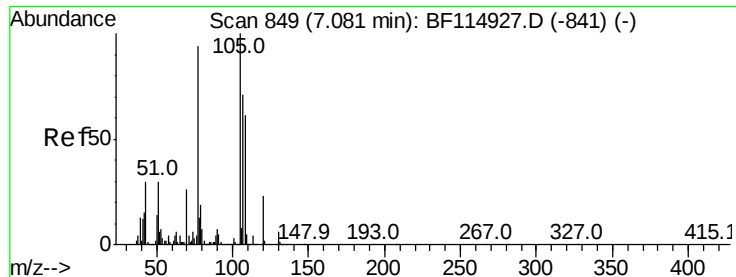
Delta R.T. -0.00 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.5	9.0	13.6	
54	6.7	5.2	7.8	
68	5.8	4.6	7.0	





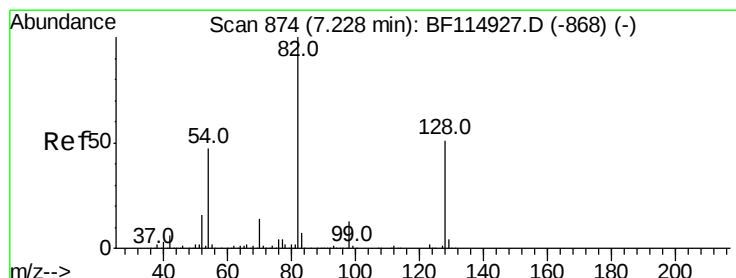
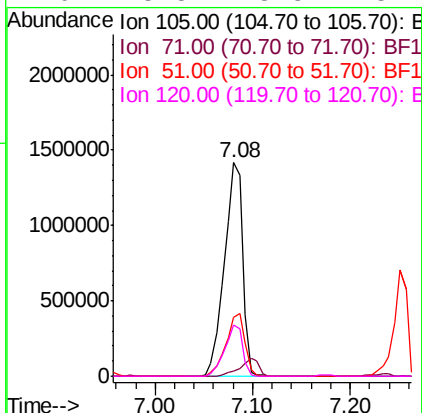
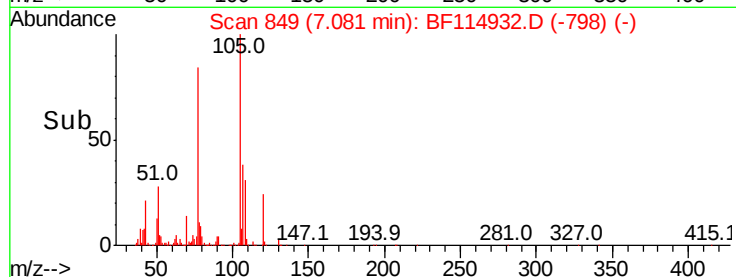
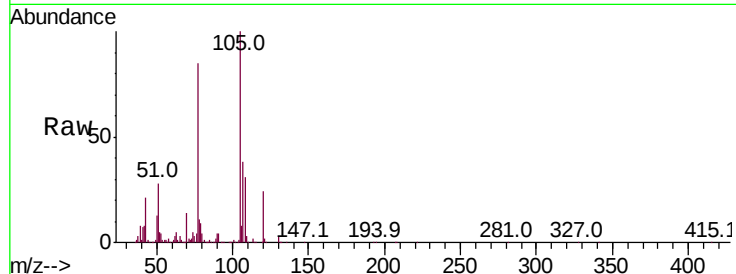
#22
Acetophenone
Concen: 75.796 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
105	100		
71	2.2	3.4	5.2#
51	27.7	24.0	36.0
120	23.8	18.8	28.2

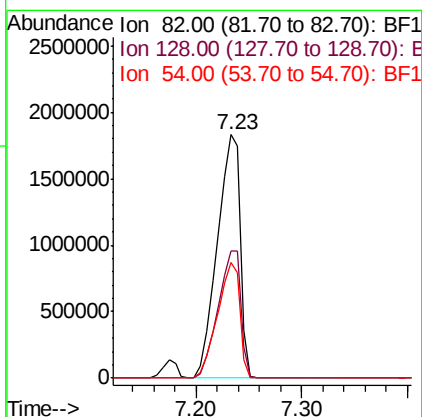
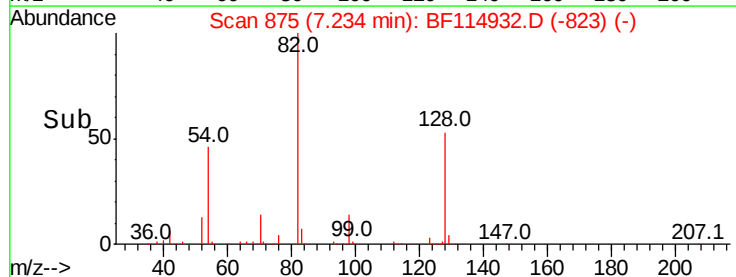
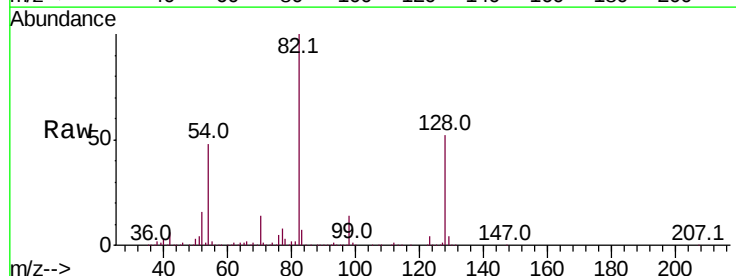
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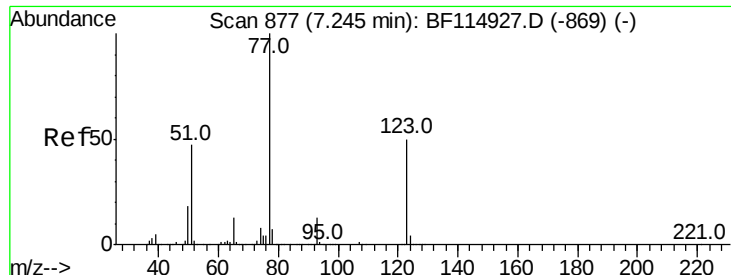
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#23
Nitrobenzene-d5
Concen: 156.588 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.4	40.9	61.3
54	47.6	37.4	56.0





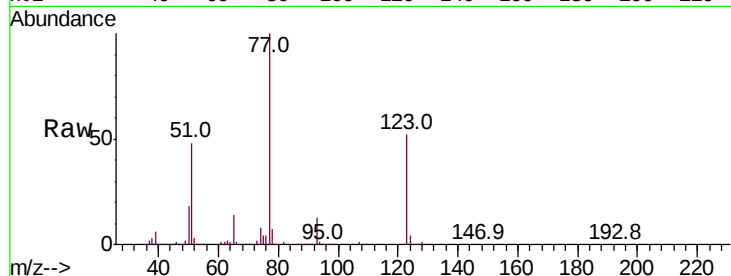
#24
Nitrobenzene
Concen: 78.582 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

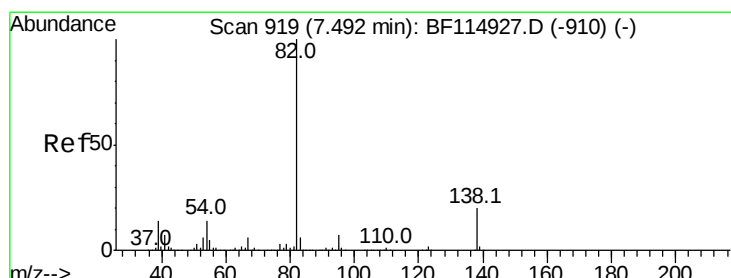
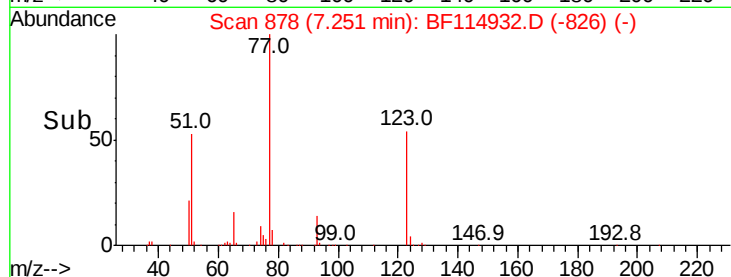
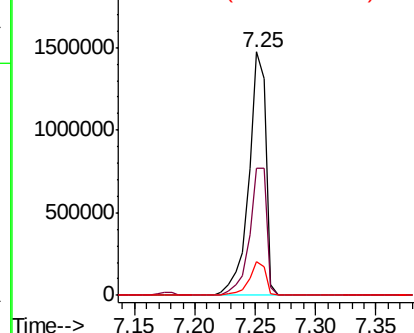
Tot Ion	Ratio	Lower	Upper
77	100		
123	52.2	39.8	59.6
65	13.6	10.7	16.1

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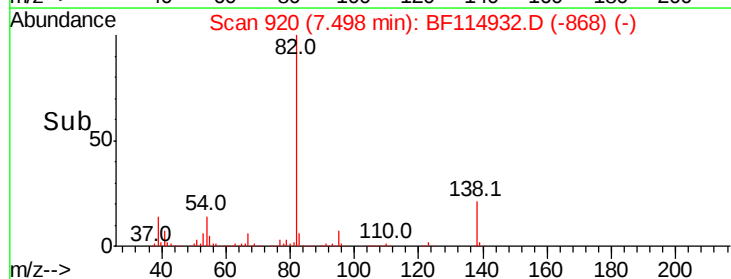
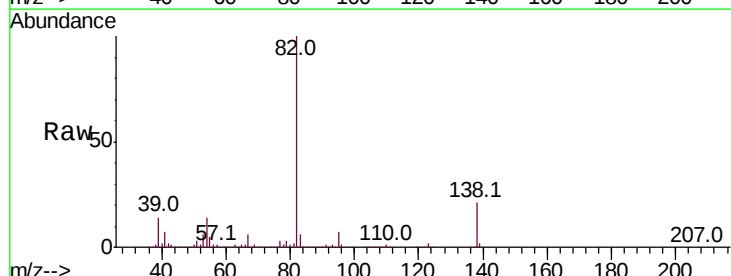
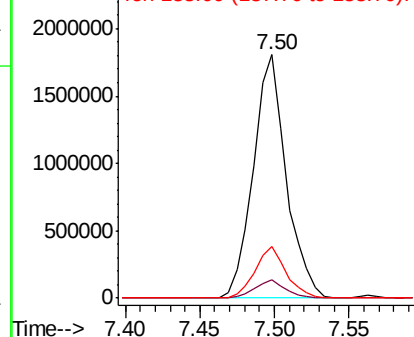
Abundance Ion 77.00 (76.70 to 77.70): BF1
2000000 Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

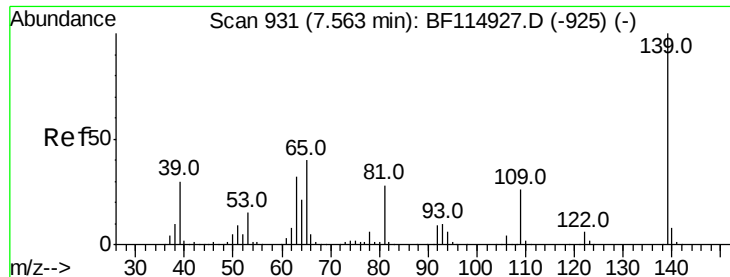


#25
Isophorone
Concen: 79.975 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.7	8.5
138	21.2	16.4	24.6

Abundance Ion 82.00 (81.70 to 82.70): BF1
2500000 Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





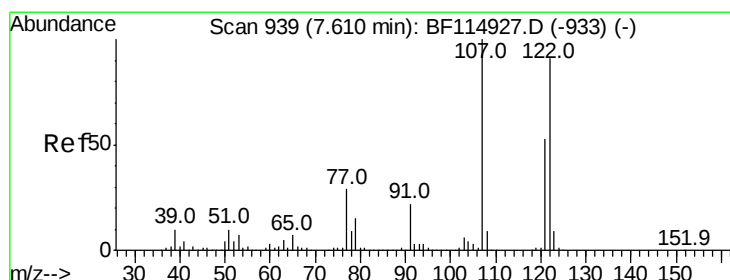
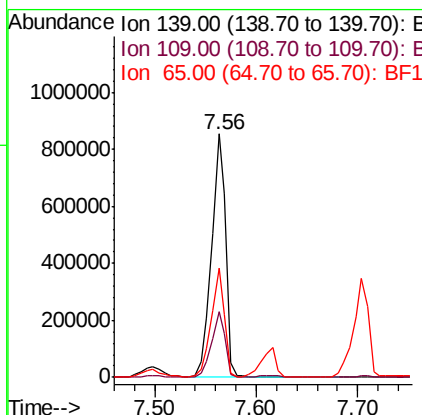
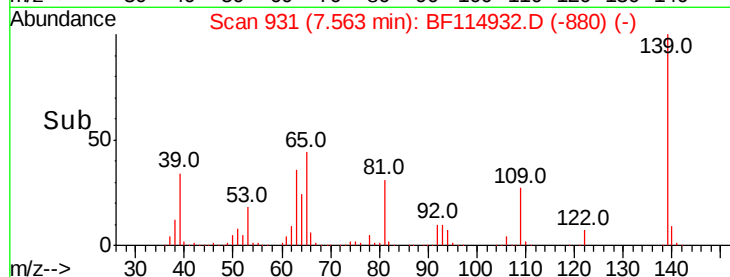
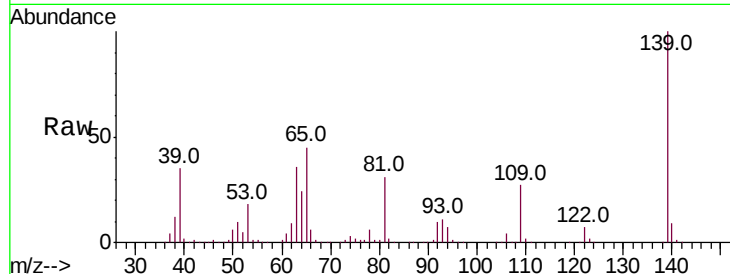
#26
2-Nitrophenol
Concen: 81.403 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
139	100	827298		
109	27.0		20.6	30.8
65	44.6		32.2	48.2

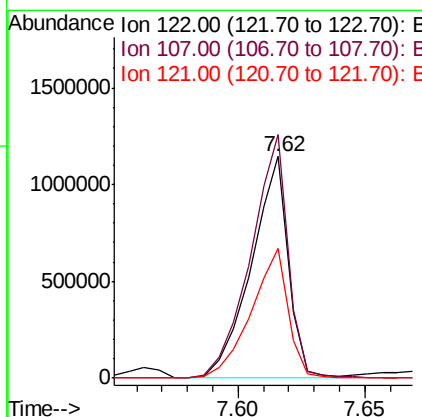
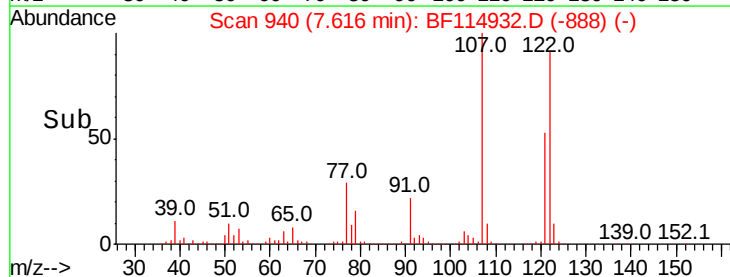
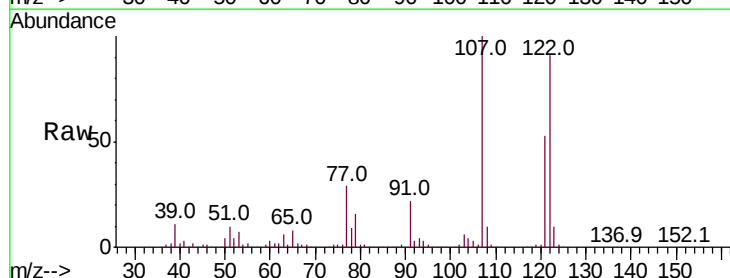
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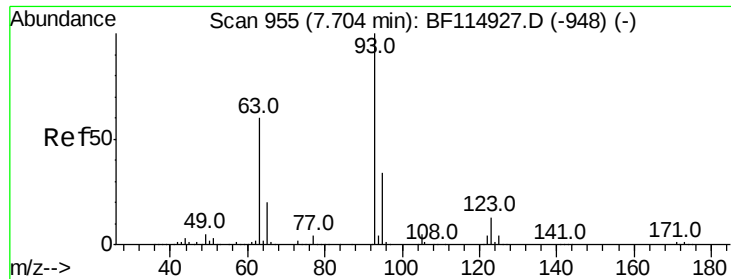
mohammad
6/12/2019 9:13:57 AM



#27
2,4-Dimethylphenol
Concen: 78.166 ng
RT: 7.62 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	1166257		
107	109.8		88.0	132.0
121	58.4		47.0	70.6





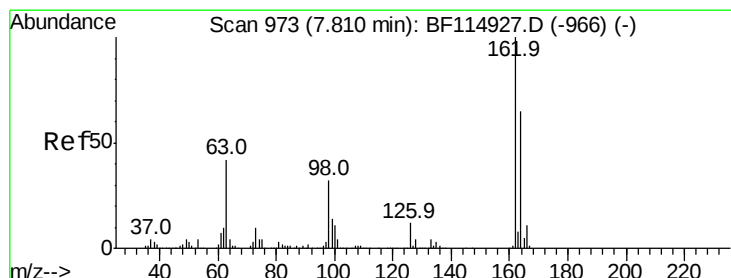
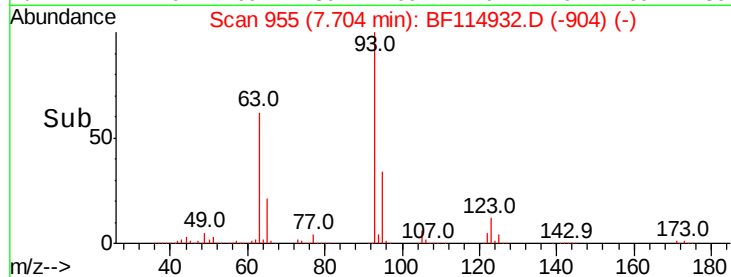
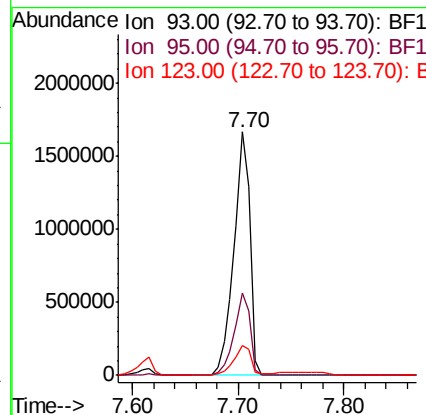
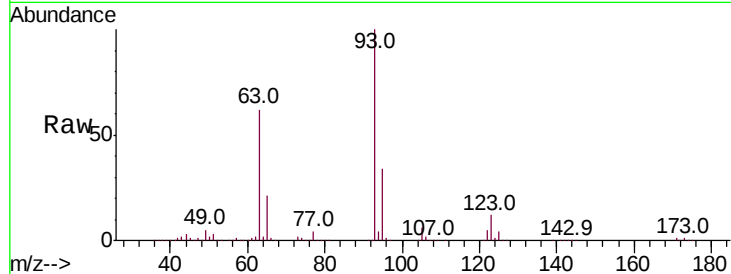
#28
bis(2-Chloroethoxy)methane
Concen: 78.731 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion: 93 Resp: 1739748
Ion Ratio Lower Upper
93 100
95 33.8 27.0 40.4
123 12.4 10.3 15.5

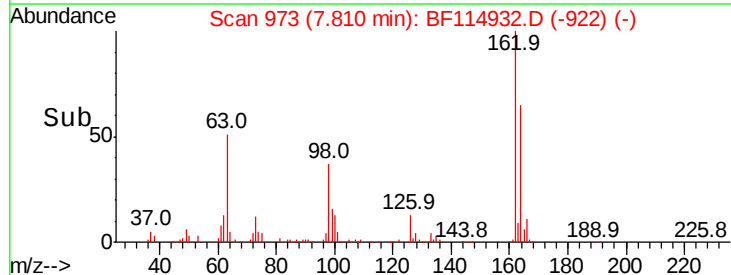
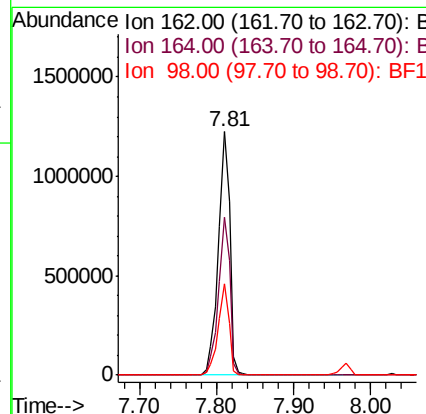
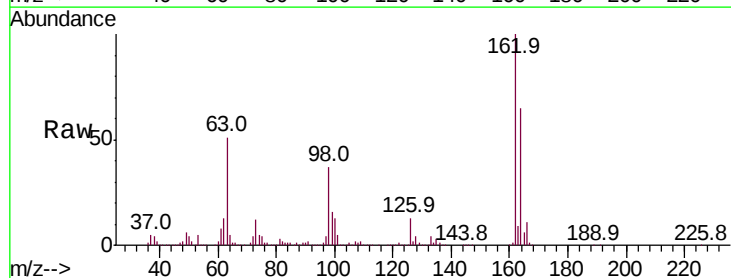
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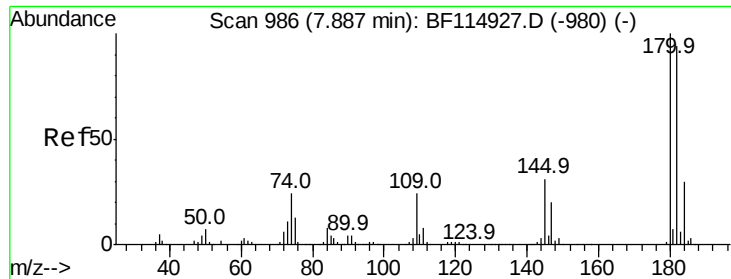
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#29
2,4-Dichlorophenol
Concen: 78.776 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Tgt Ion:162 Resp: 1235906
Ion Ratio Lower Upper
162 100
164 64.6 45.4 85.4
98 37.4 12.5 52.5





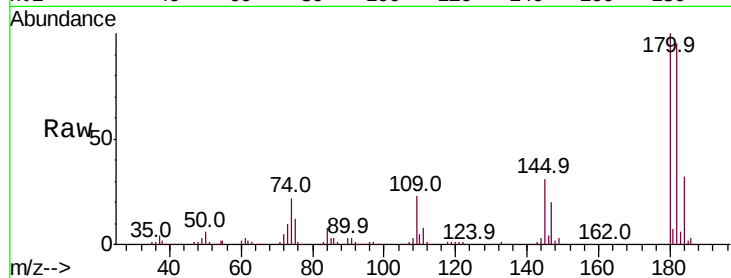
#30
1,2,4-Trichlorobenzene
Concen: 77.054 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

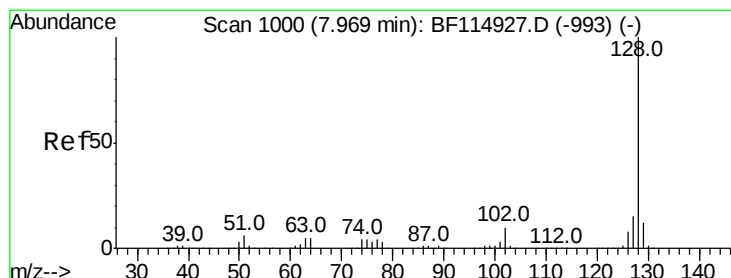
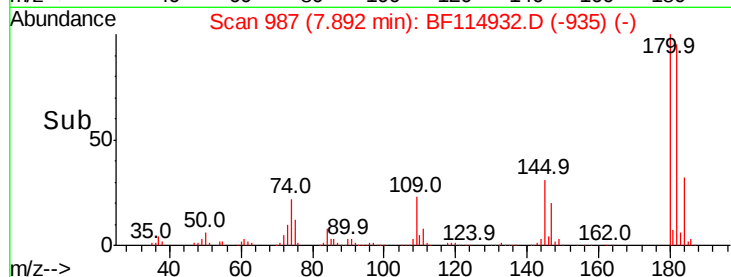
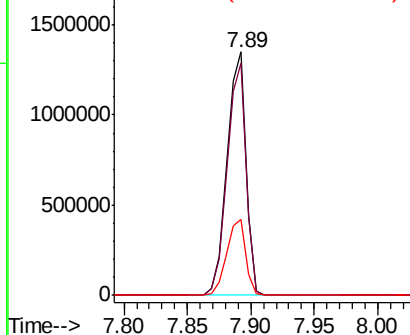
Tot Ion:180 Resp: 1387548
Ion Ratio Lower Upper
180 100
182 95.4 75.0 112.6
145 31.2 25.1 37.7

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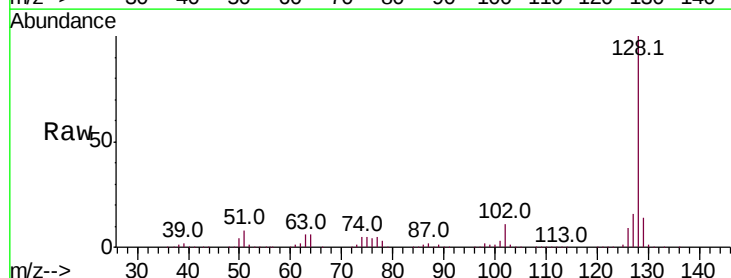


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

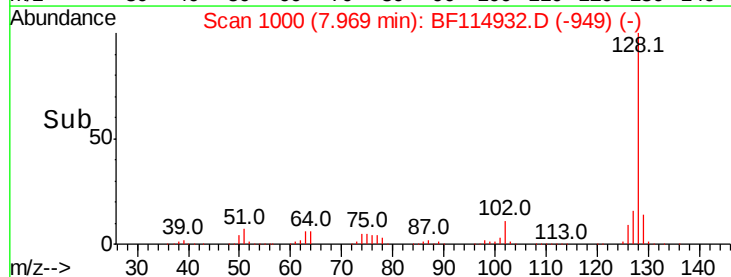
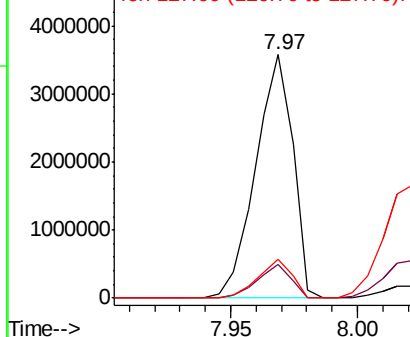


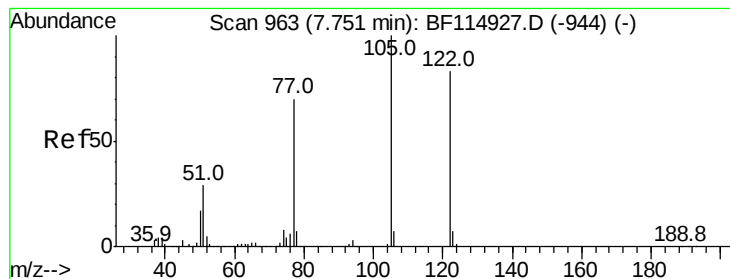
#31
Naphthalene
Concen: 72.838 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Tgt Ion:128 Resp: 3668982
Ion Ratio Lower Upper
128 100
129 13.7 9.8 14.8
127 15.8 11.8 17.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 96.634 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.03 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:122 Resp: 1060618

Ion Ratio Lower Upper

122 100

105 120.0 97.7 137.7

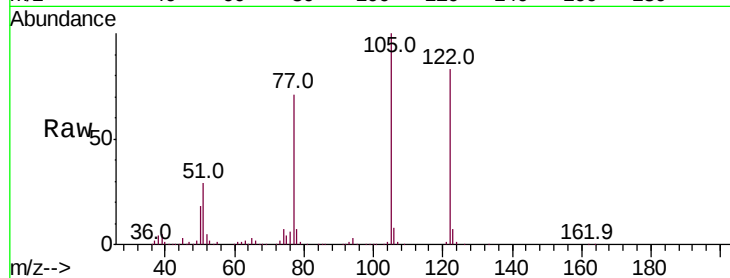
77 85.2 63.0 103.0

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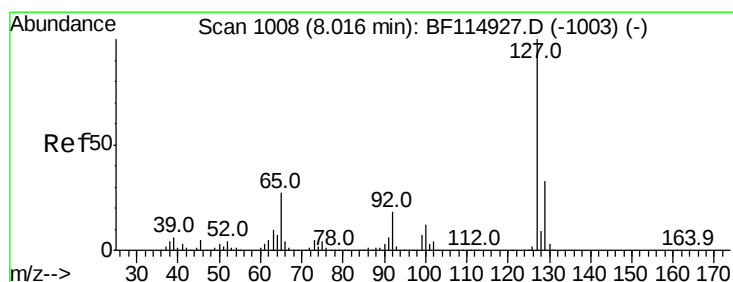
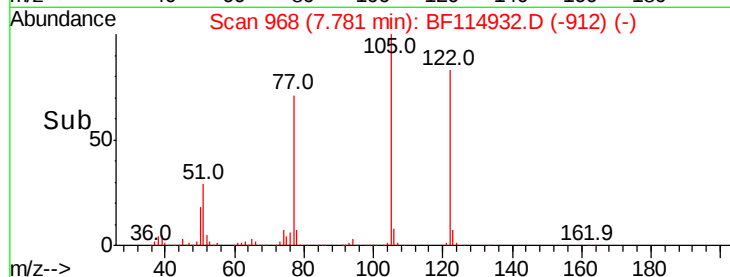
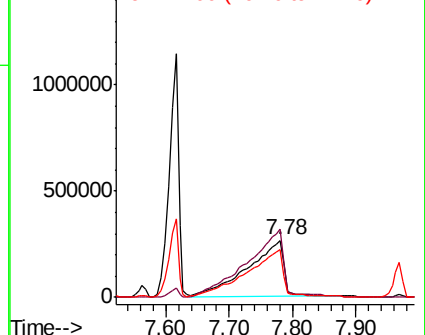


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 76.440 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

Tgt Ion:127 Resp: 1798195

Ion Ratio Lower Upper

127 100

129 33.7 26.6 40.0

65 26.6 21.5 32.3

92 18.5 14.7 22.1

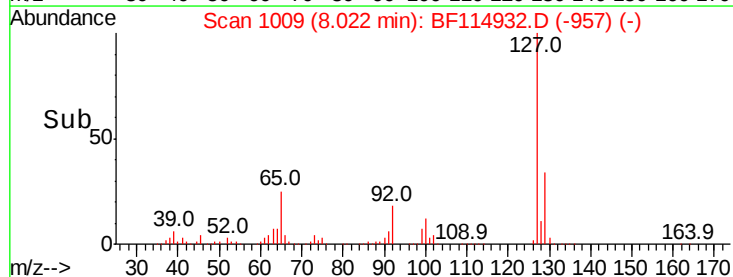
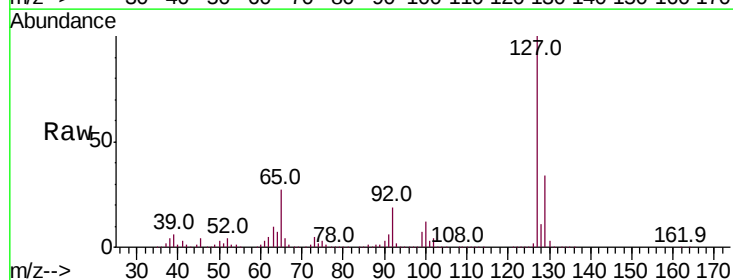
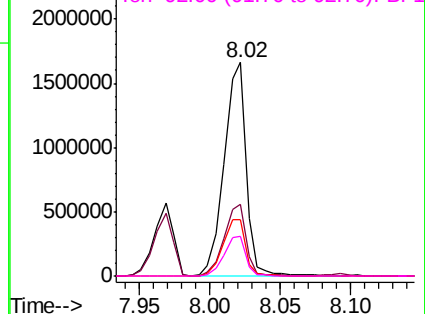
Abundance

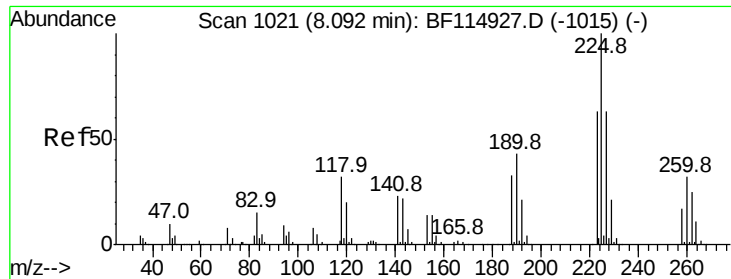
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





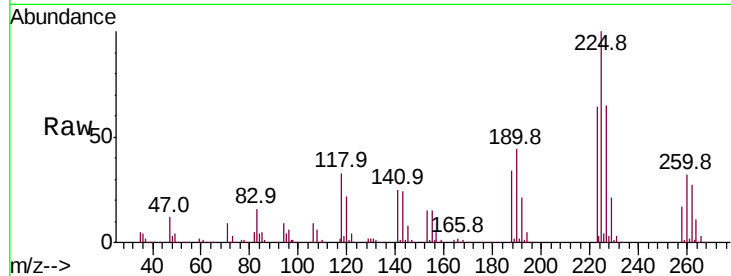
#34
Hexachlorobutadiene
Concen: 75.454 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

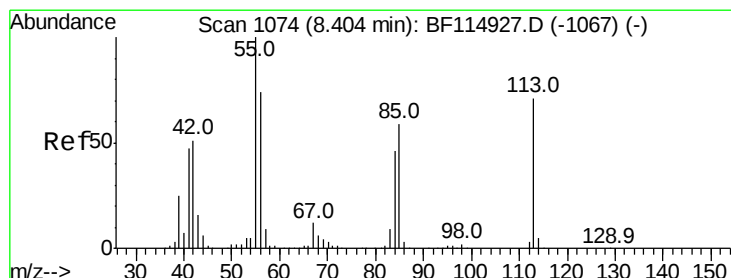
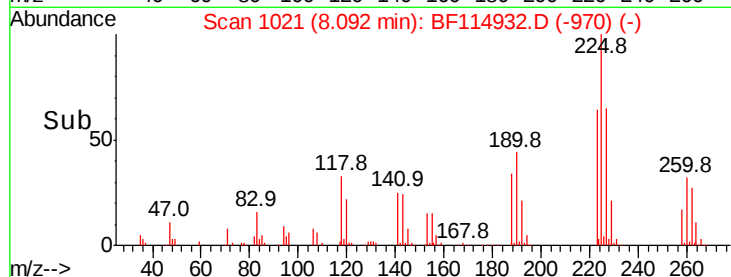
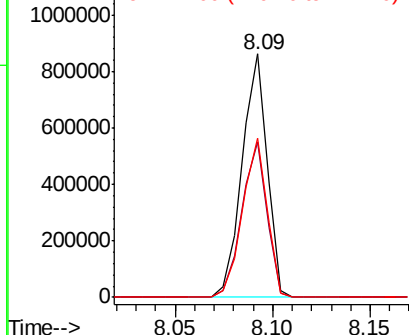
Tot Ion:	225	Resp:	764562
Ion Ratio	Lower	Upper	
225	100		
223	64.0	50.6	75.8
227	65.3	50.6	75.8

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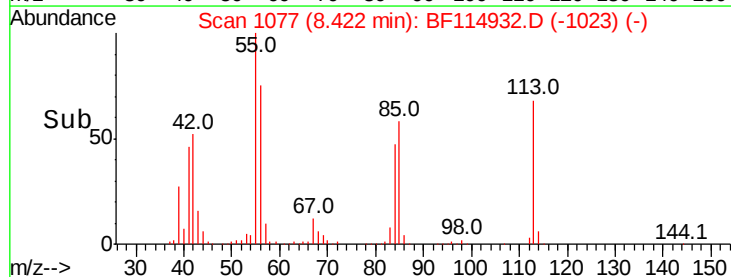
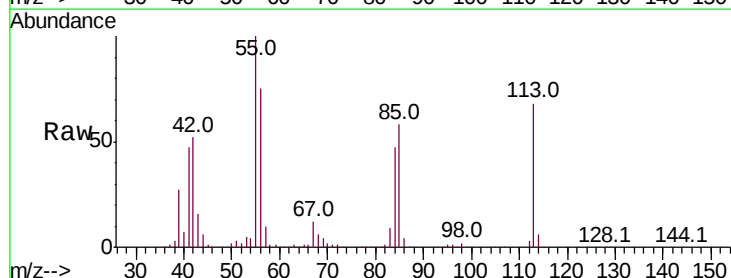
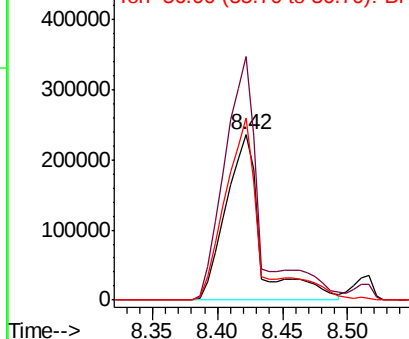
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

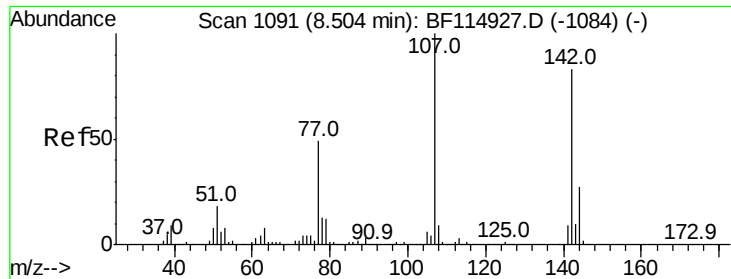


#35
Caprolactam
Concen: 83.920 ng m
RT: 8.42 min Scan# 1077
Delta R.T. 0.02 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Tgt Ion:	113	Resp:	444528
Ion Ratio	Lower	Upper	
113	100		
55	147.6	120.9	160.9
56	110.0	84.3	124.3

Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1





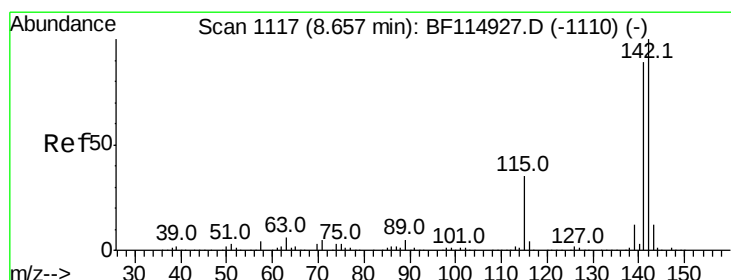
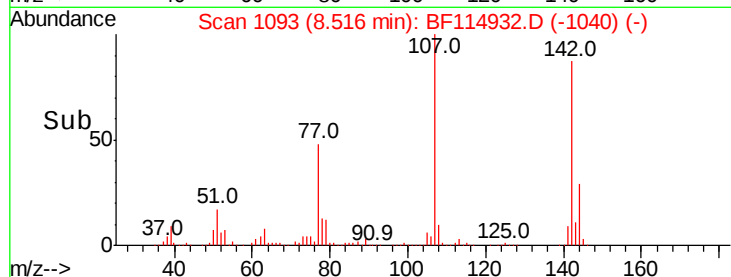
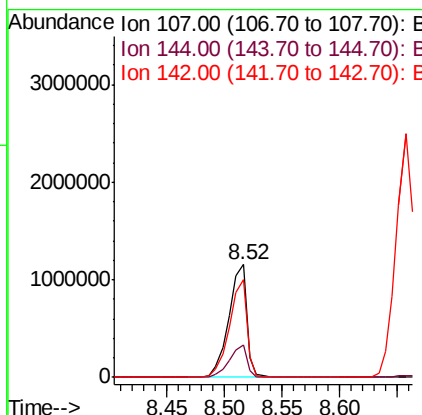
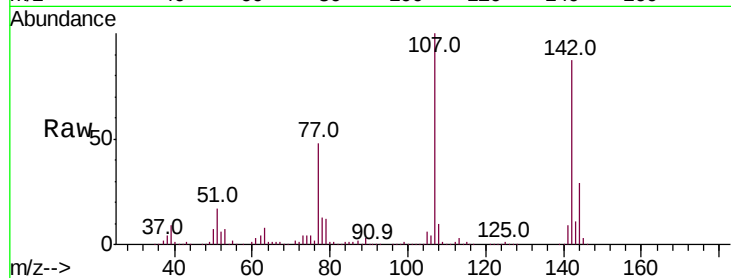
#36
 4-Chloro-3-methylphenol
 Concen: 78.606 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. 0.01 min
 Lab File: BF114932.D
 Acq: 10 Jun 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	107	Resp:	1244681
Ion	Ratio	Lower	Upper
107	100		
144	28.9	21.6	32.4
142	86.7	66.1	99.1

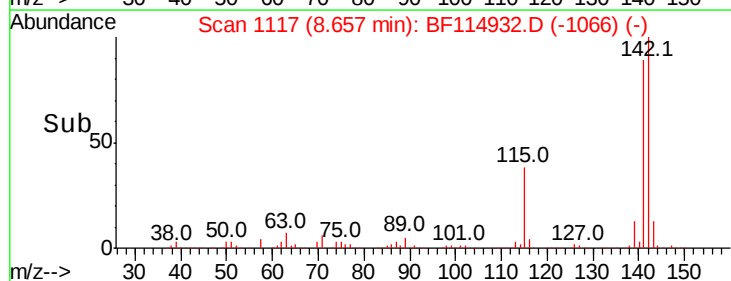
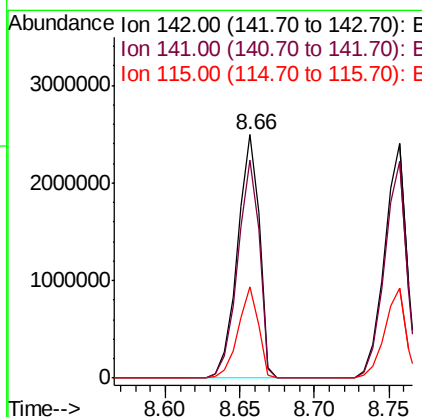
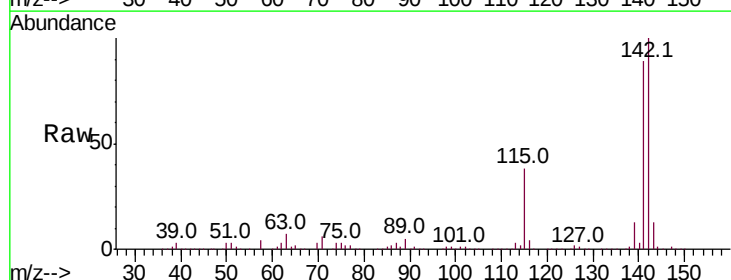
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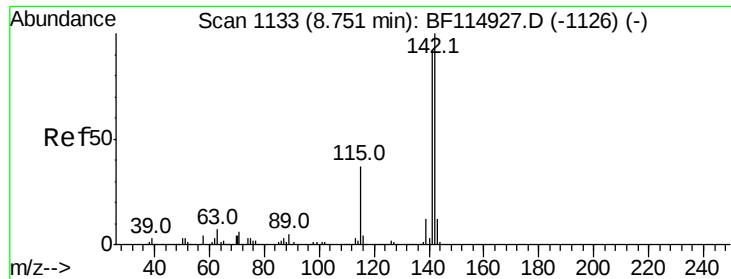
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#37
 2-Methylnaphthalene
 Concen: 74.378 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.00 min
 Lab File: BF114932.D
 Acq: 10 Jun 2019 14:15

Tgt Ion:	142	Resp:	2546525
Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.1	106.7
115	37.5	27.8	41.6





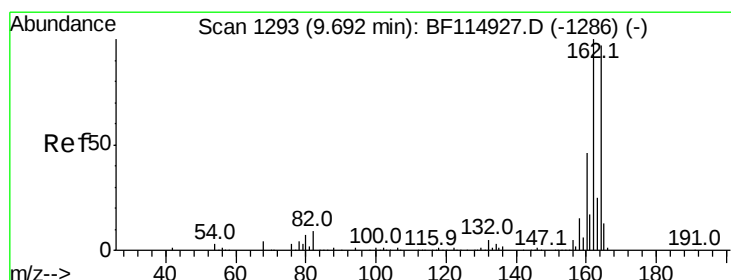
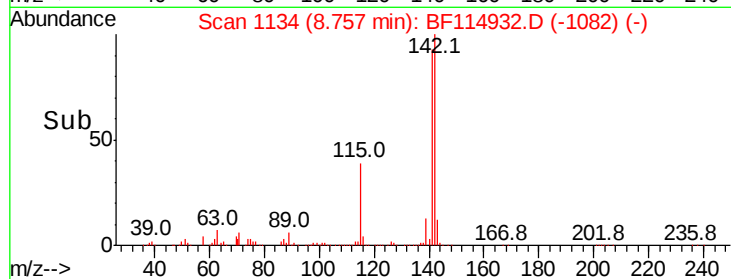
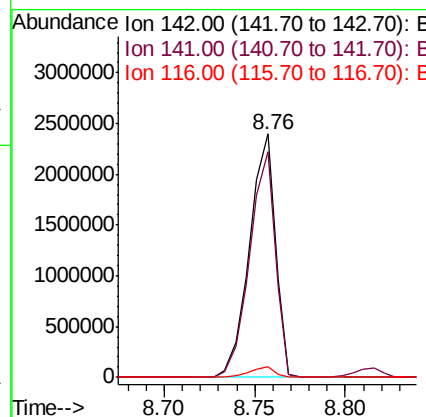
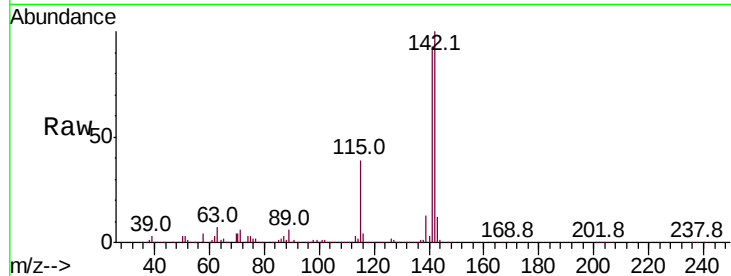
#38
1-Methylnaphthalene
Concen: 73.652 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.7	110.5
116	4.2	3.1	4.7

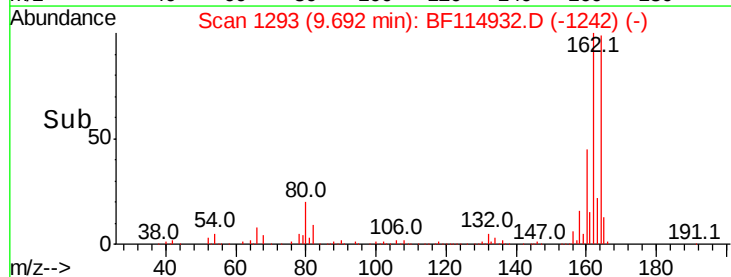
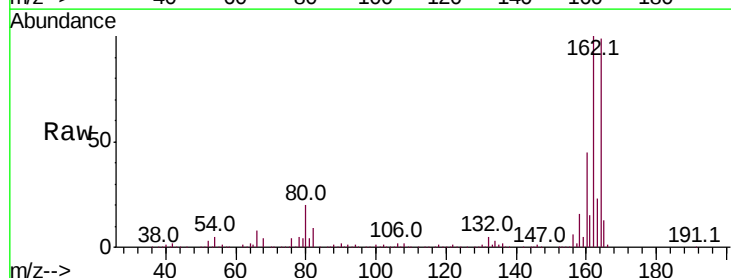
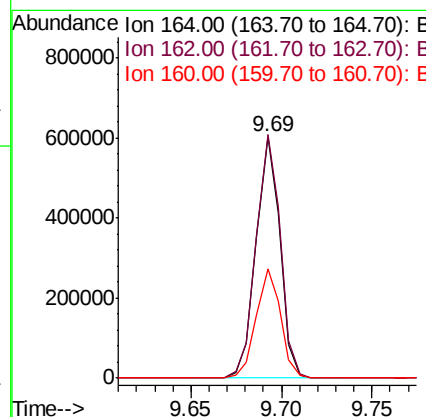
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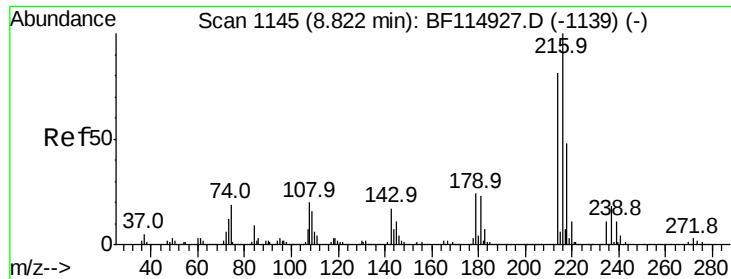
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.4	123.6
160	45.3	37.5	56.3





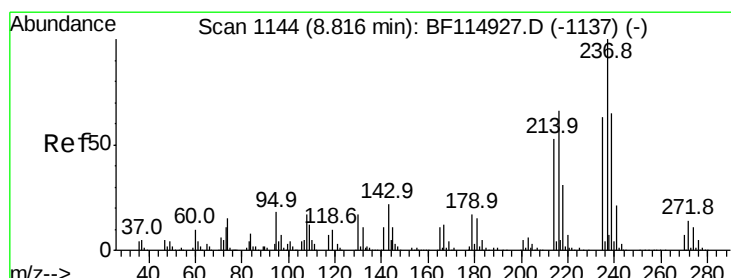
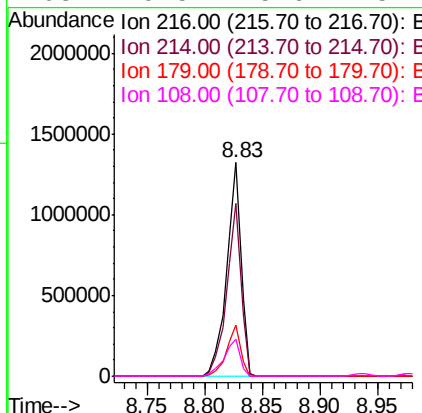
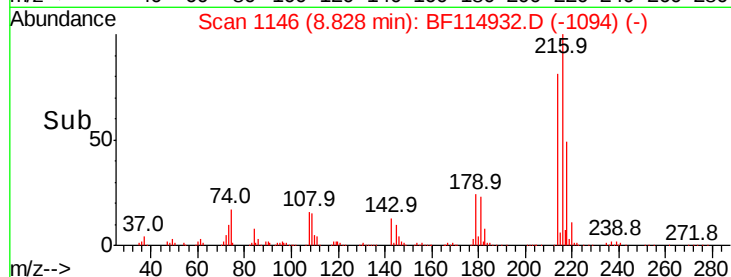
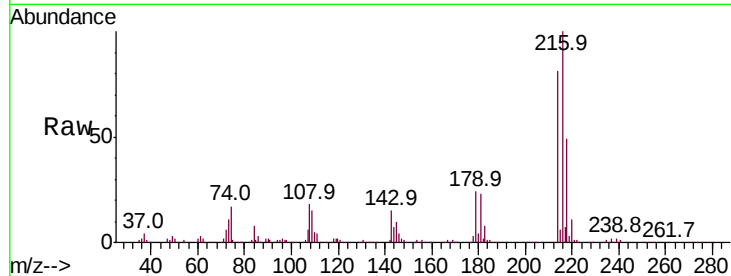
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 73.148 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. 0.01 min
 Lab File: BF114932.D
 Acq: 10 Jun 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.8	95.8
179	23.4	18.5	27.7
108	19.5	15.6	23.4

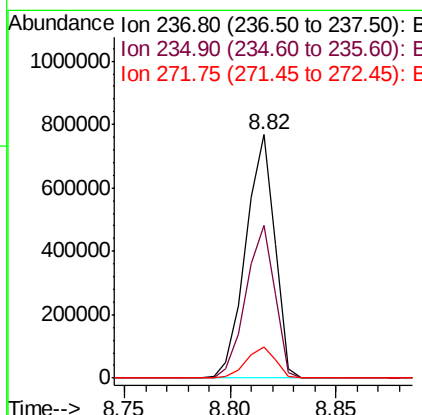
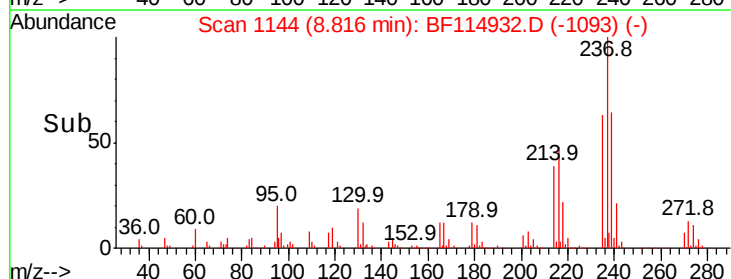
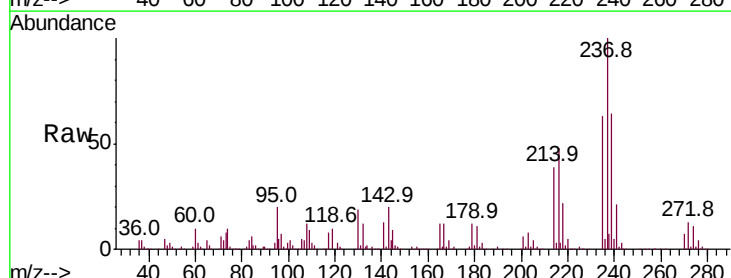
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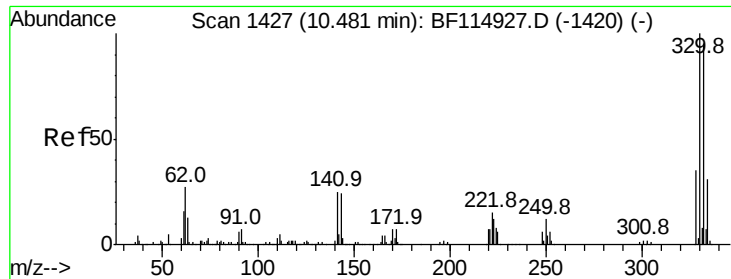
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#41
 Hexachlorocyclopentadiene
 Concen: 82.562 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: BF114932.D
 Acq: 10 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.3	83.3
272	13.0	0.0	33.5





#42

2,4,6-Tribromophenol

Concen: 154.360 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.00 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

Instrument :

BNA_F

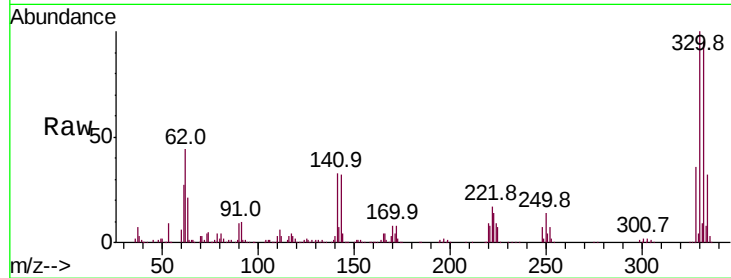
ClientSampleId :

SSTDIC080

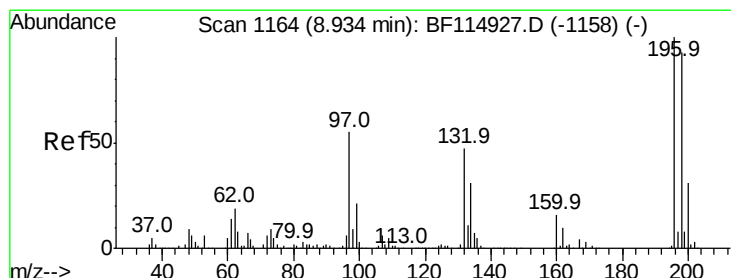
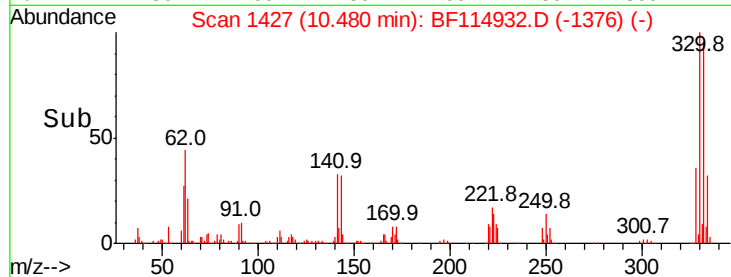
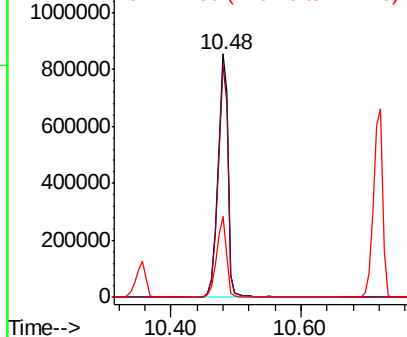
Tot Ion:	330	Resp:	909408
Ion Ratio	Lower	Upper	
330	100		
332	95.1	76.4	114.6
141	32.6	26.8	40.2

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 79.147 ng

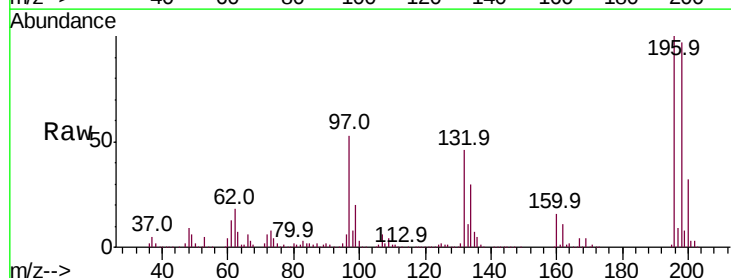
RT: 8.94 min Scan# 1165

Delta R.T. 0.01 min

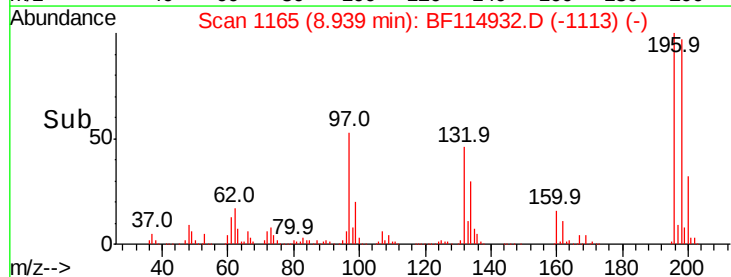
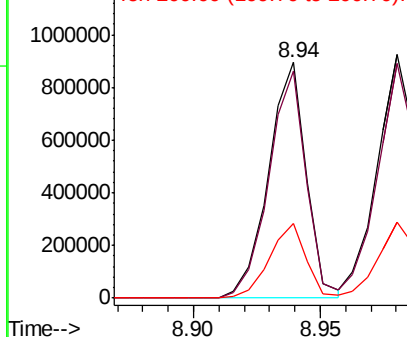
Lab File: BF114932.D

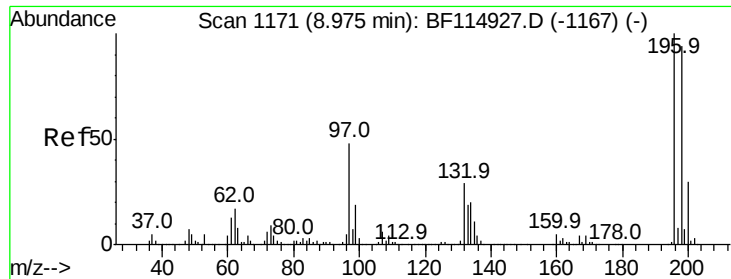
Acq: 10 Jun 2019 14:15

Tgt Ion:	196	Resp:	933012
Ion Ratio	Lower	Upper	
196	100		
198	96.7	74.8	112.2
200	31.6	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





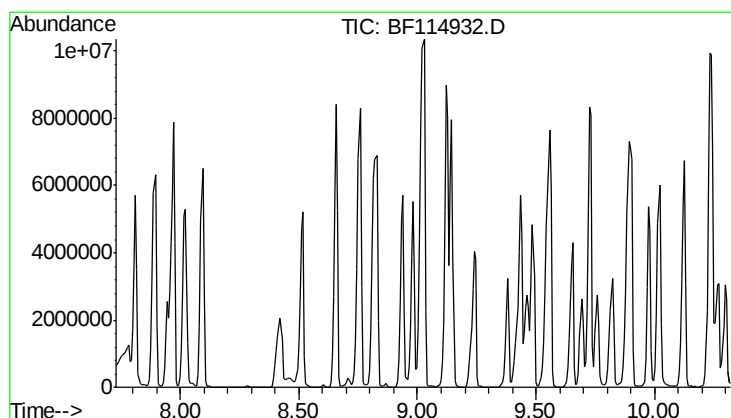
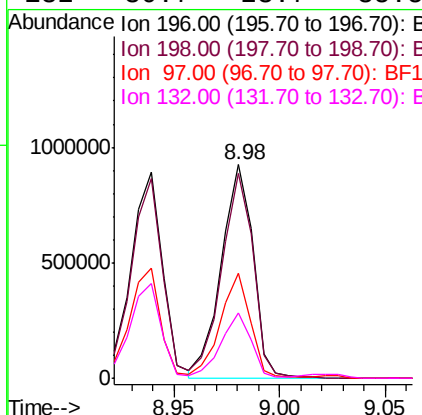
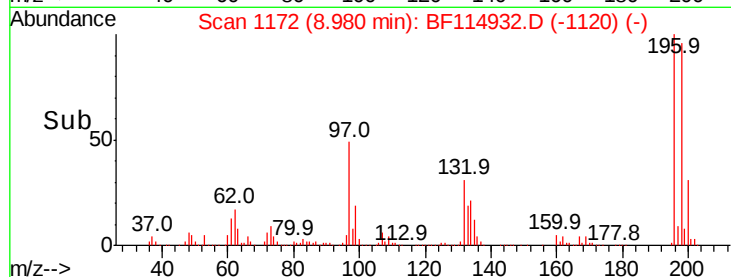
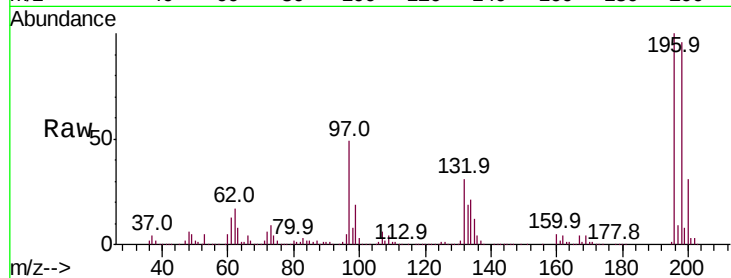
#44
 2,4,5-Trichlorophenol
 Concen: 78.691 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF114932.D
 Acq: 10 Jun 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
196	100	959217		
198	96.1		75.6	113.4
97	49.2		38.6	57.8
132	30.7		23.7	35.5

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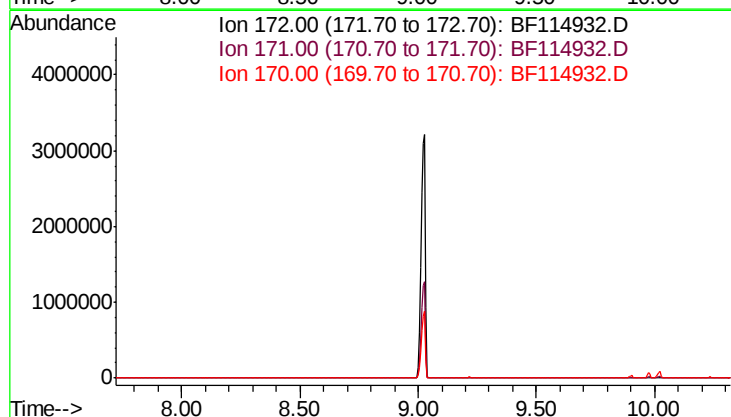
mohammad
 6/12/2019 9:13:57 AM

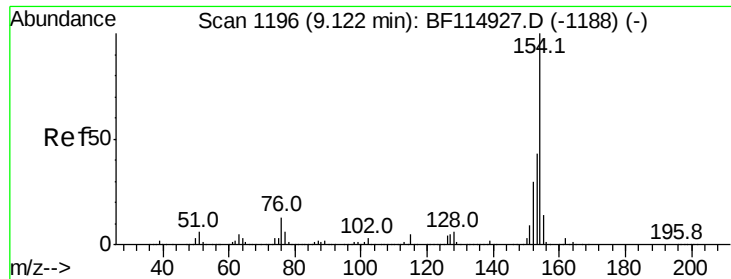


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.02 min

Lab File: BF114932.D
 Acq: 10 Jun 2019 14:15

Tgt Ion	Exp Ratio
172	100
171	39.1
170	26.7





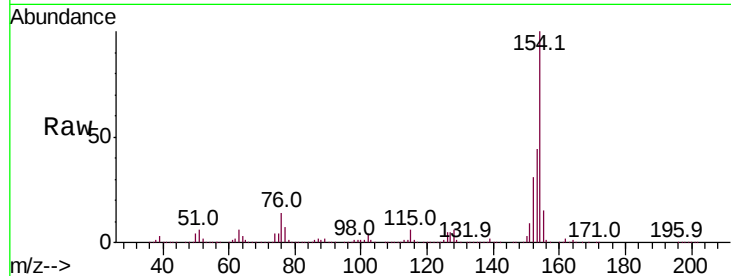
#46
 1,1'-Biphenyl
 Concen: 71.809 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF114932.D
 Acq: 10 Jun 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.9	22.8	62.8
76	14.4	0.0	33.0

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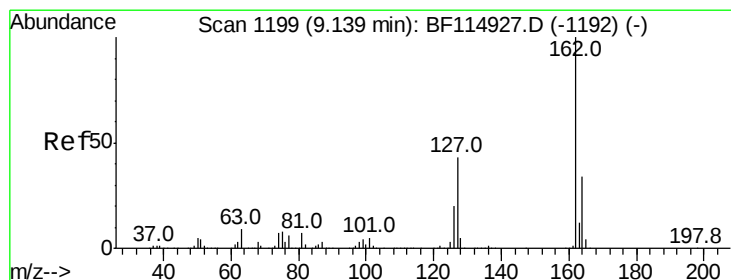
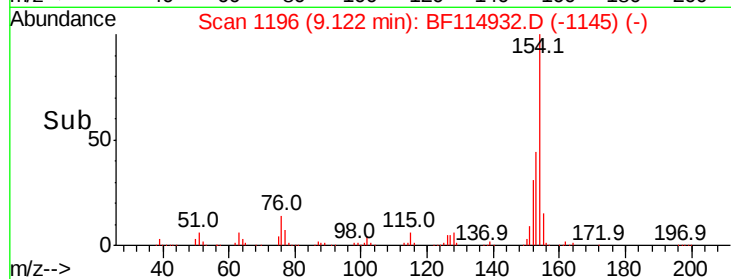
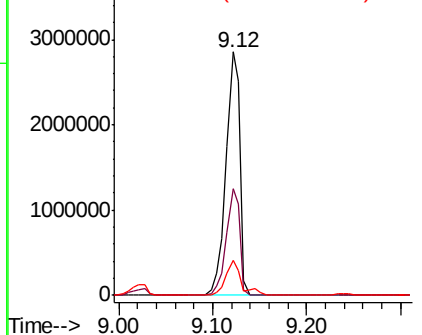


Abundance

Ion 154.00 (153.70 to 154.70): E

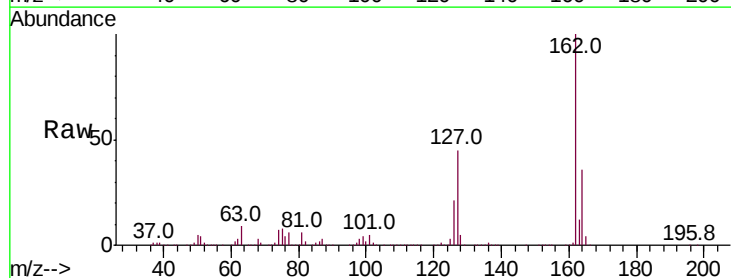
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47
 2-Chloronaphthalene
 Concen: 73.524 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF114932.D
 Acq: 10 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.0	34.6	51.8
164	35.6	27.5	41.3

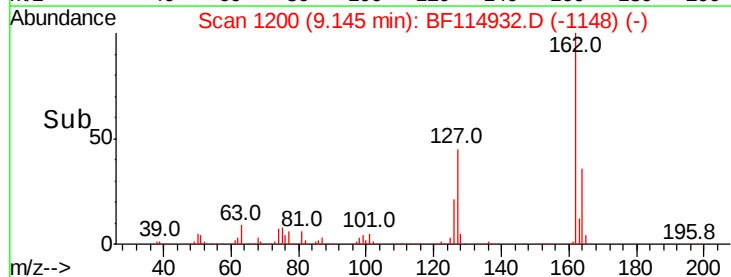
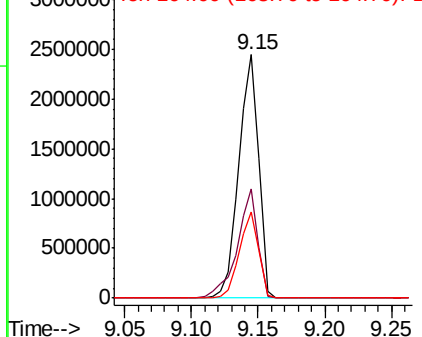


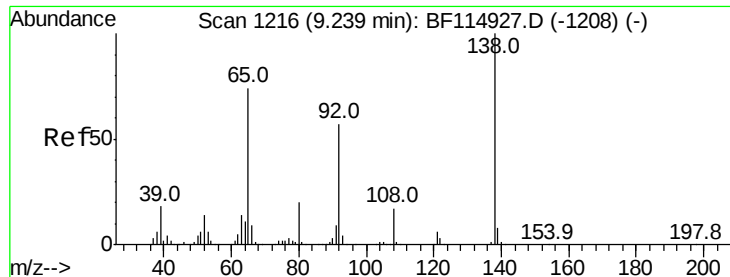
Abundance

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





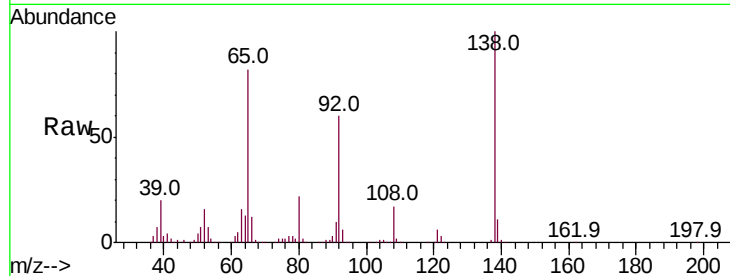
#48
2-Nitroaniline
Concen: 81.249 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

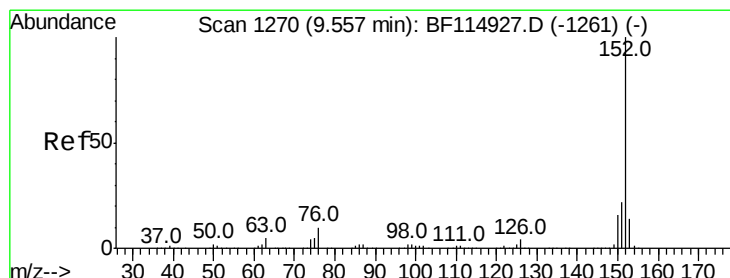
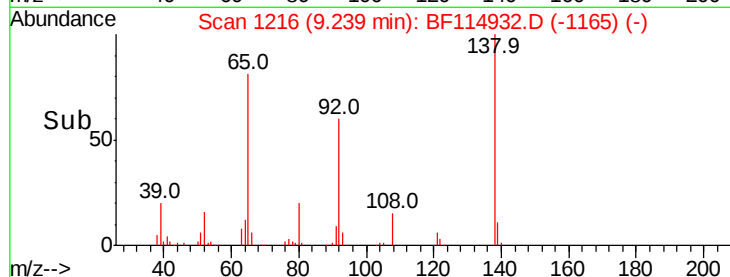
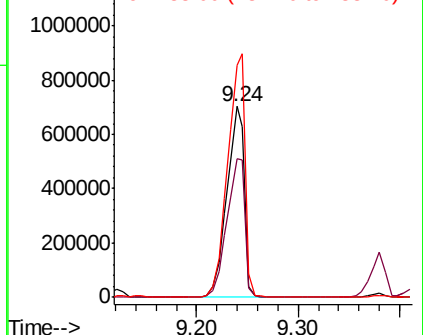
Tot Ion	Ratio	Lower	Upper
65	100		
92	72.9	61.9	92.9
138	121.6	108.6	162.8

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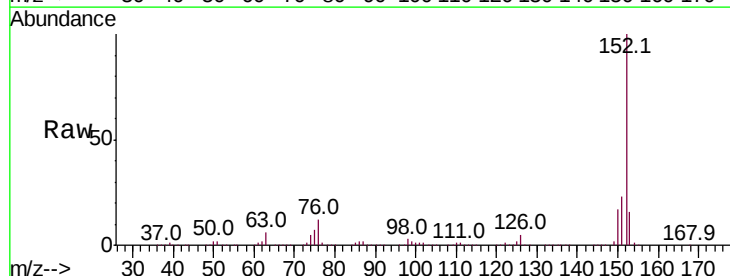


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

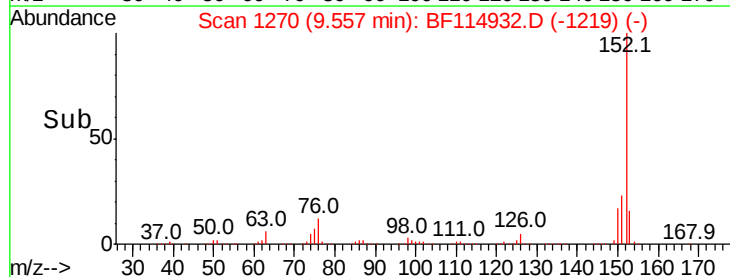
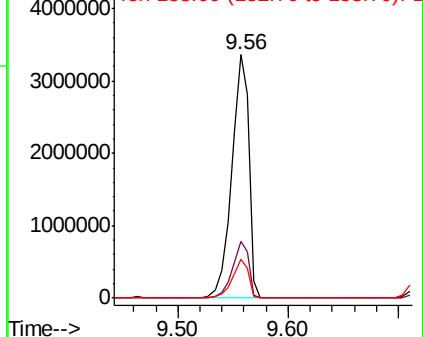


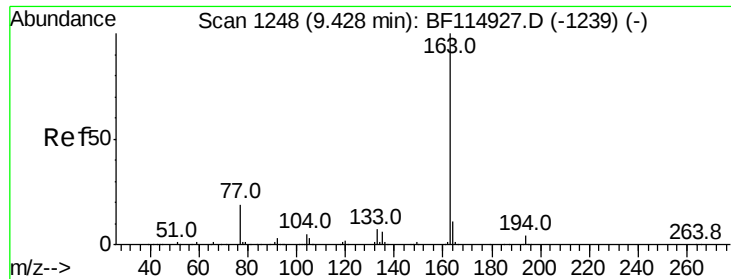
#49
Acenaphthylene
Concen: 71.756 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.3	17.6	26.4
153	15.9	11.4	17.0



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





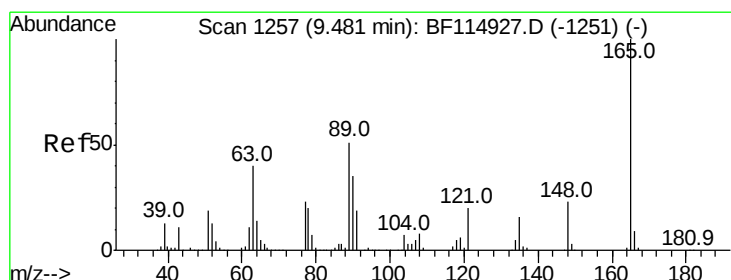
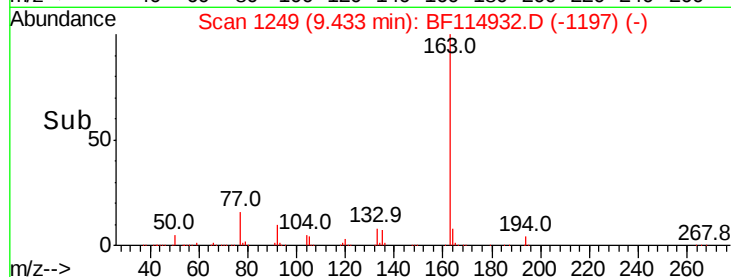
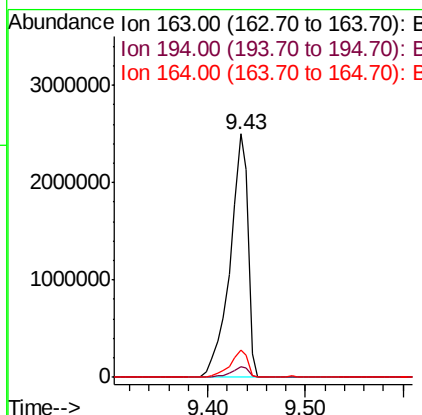
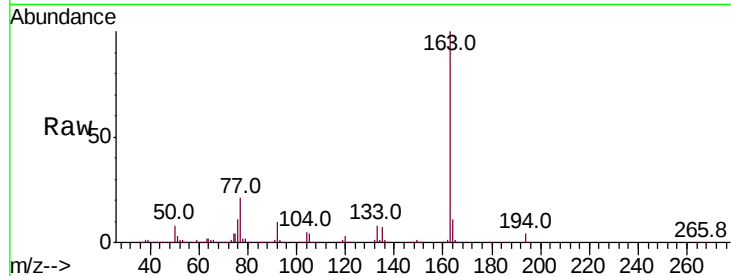
#50
Dimethylphthalate
Concen: 78.110 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	11.3	8.7	13.1

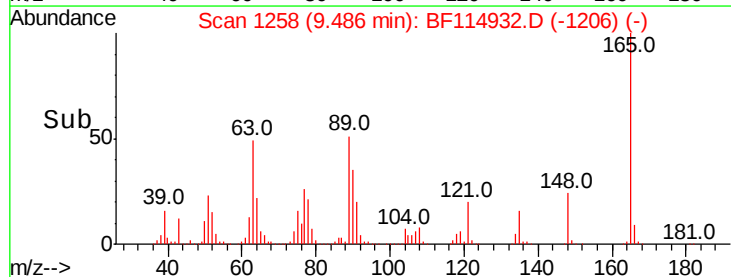
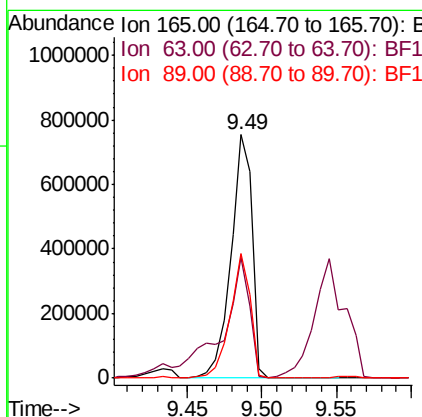
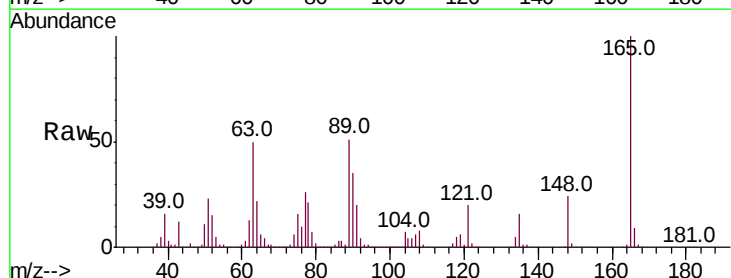
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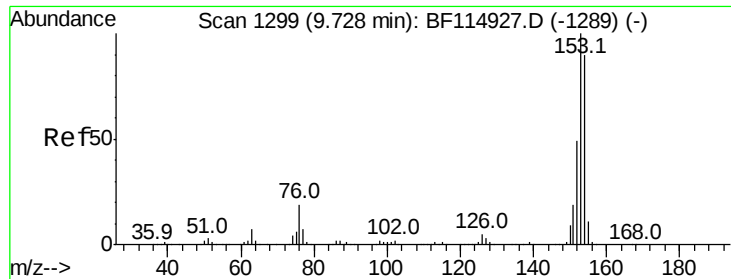
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#51
2,6-Dinitrotoluene
Concen: 80.579 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.5	38.3	57.5
89	51.3	40.8	61.2





#52

Acenaphthene

Concen: 72.912 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 2243149

Ion Ratio Lower Upper

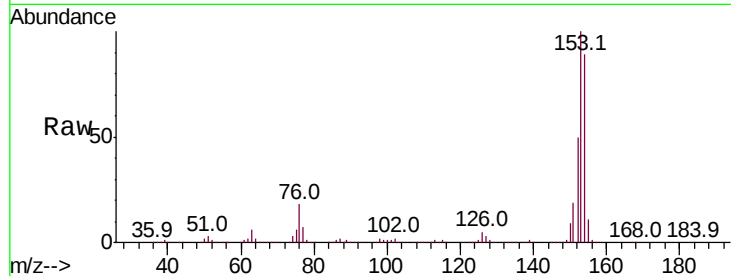
154 100

153 112.2 89.1 133.7

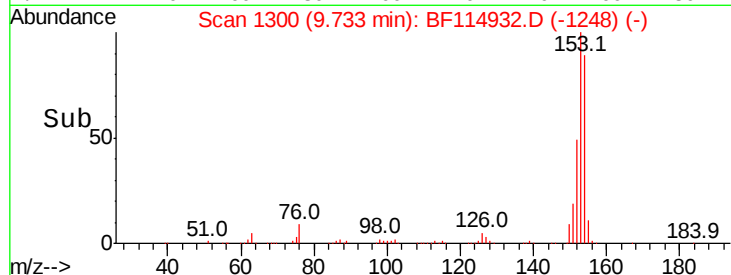
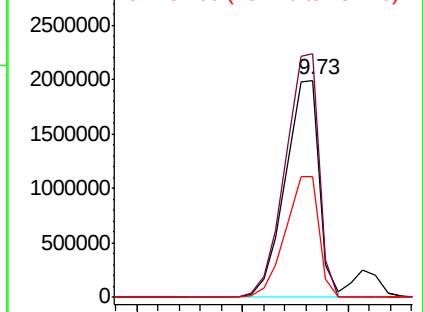
152 55.5 43.8 65.6

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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: 78.526 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

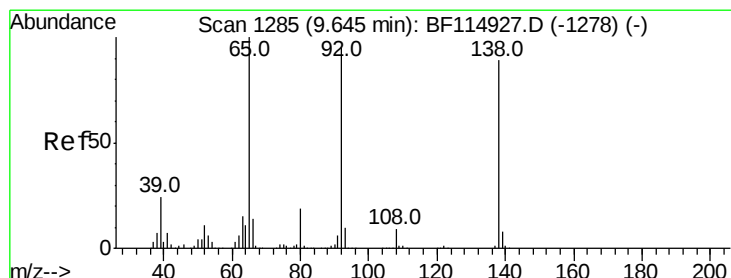
Tgt Ion:138 Resp: 881939

Ion Ratio Lower Upper

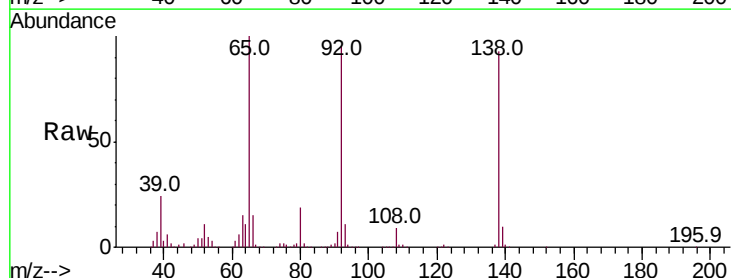
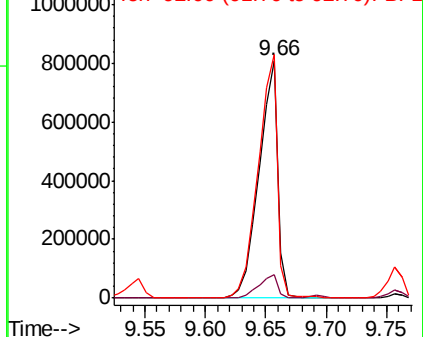
138 100

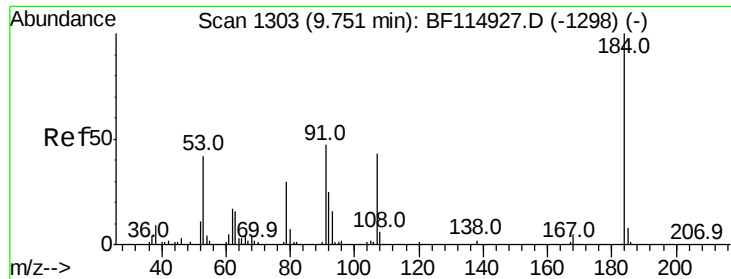
108 9.8 7.9 11.9

92 102.6 85.0 127.6



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





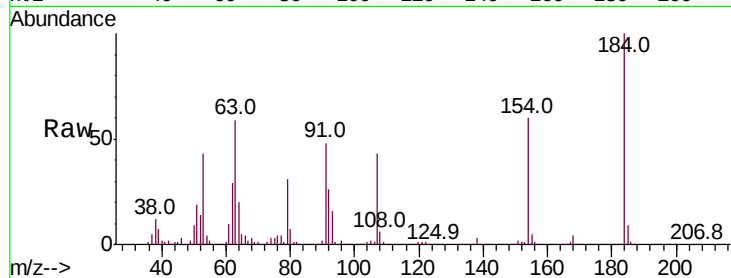
#54
2,4-Dinitrophenol
Concen: 92.767 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
184	100		
63	59.0	47.4	71.0
154	60.3	48.6	73.0

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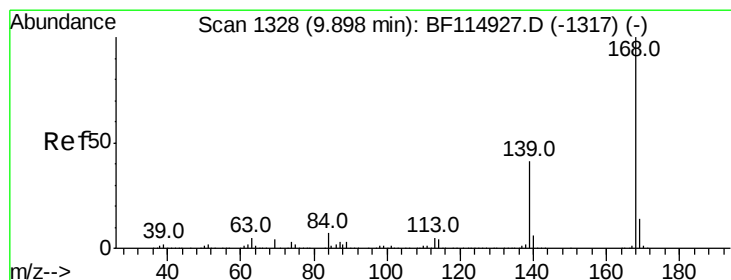
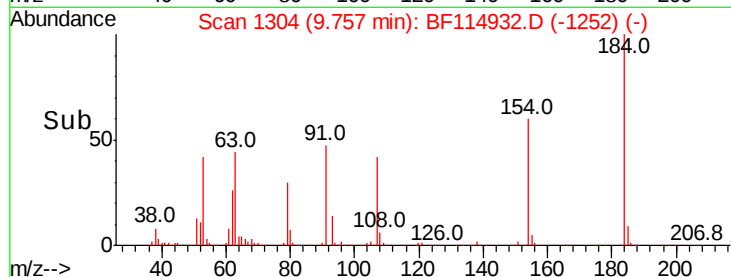
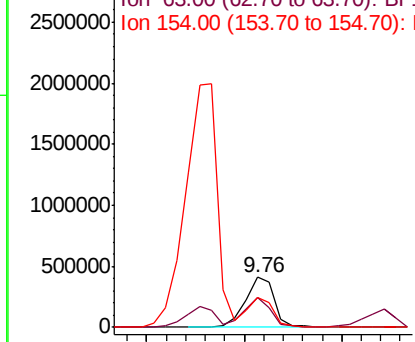


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55
Dibenzofuran
Concen: 71.022 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

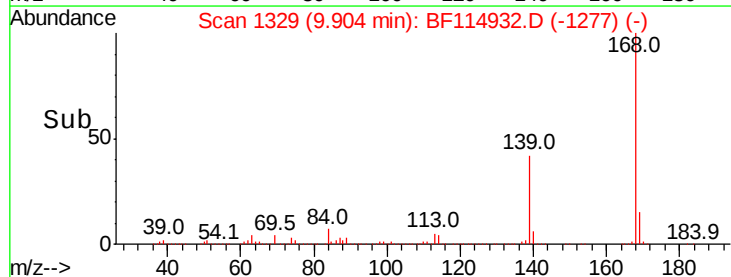
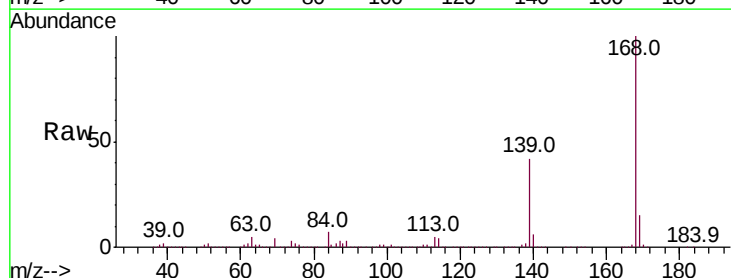
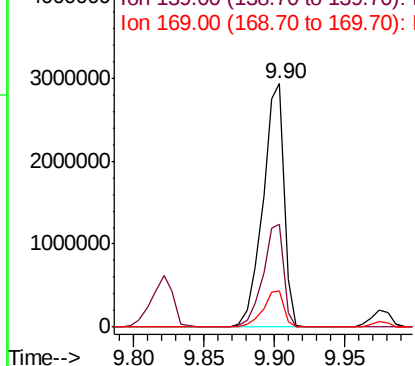
Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.3	33.0	49.4
169	14.7	11.6	17.4

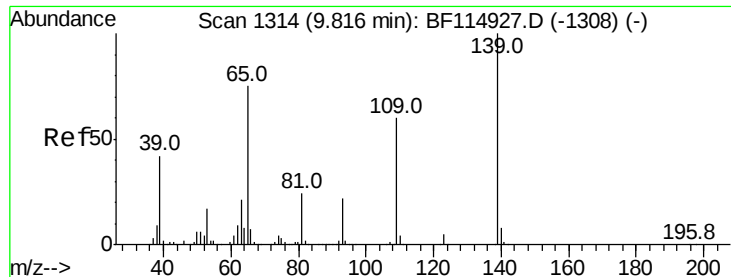
Abundance

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





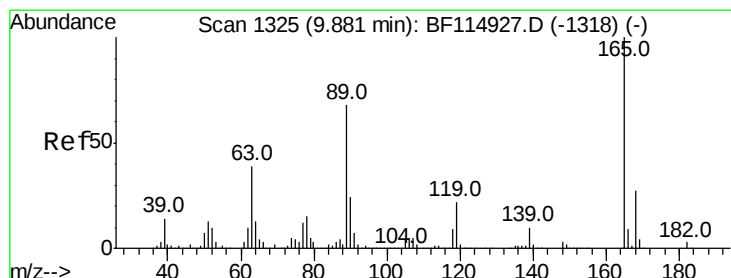
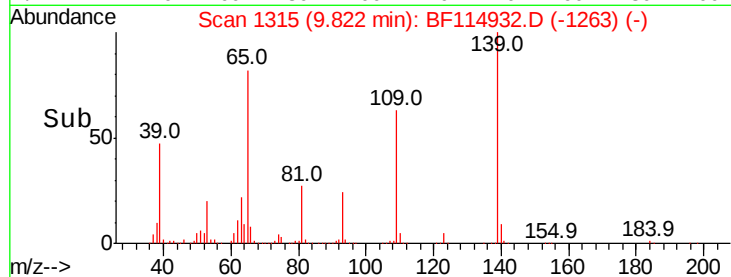
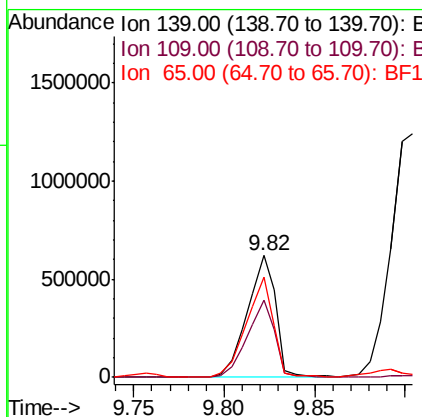
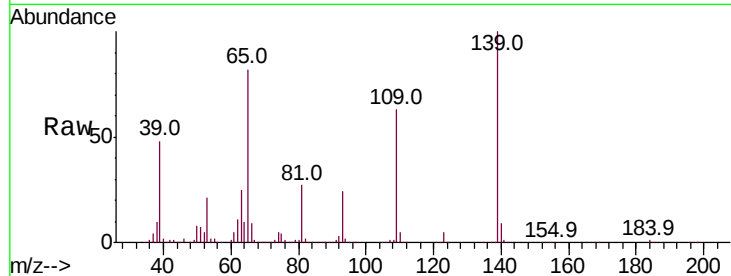
#56
4-Nitrophenol
Concen: 85.704 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
139	100	676325		
109	63.2	40.0	80.0	
65	82.4	55.0	95.0	

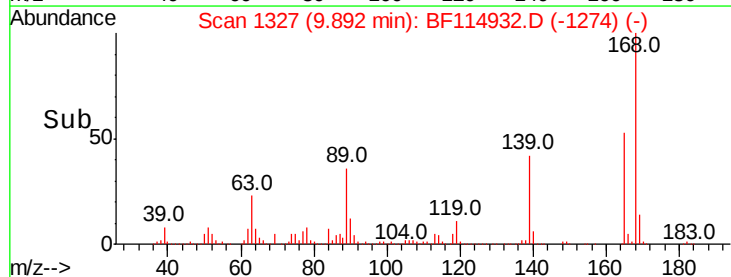
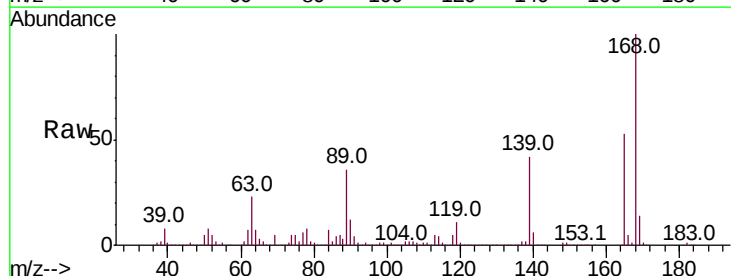
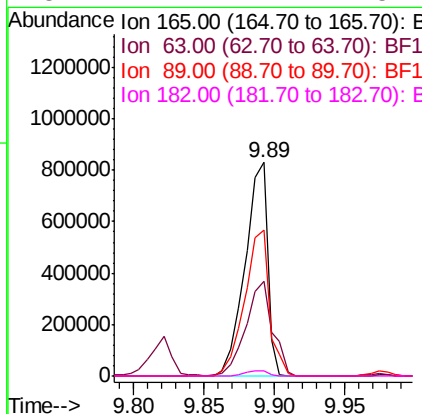
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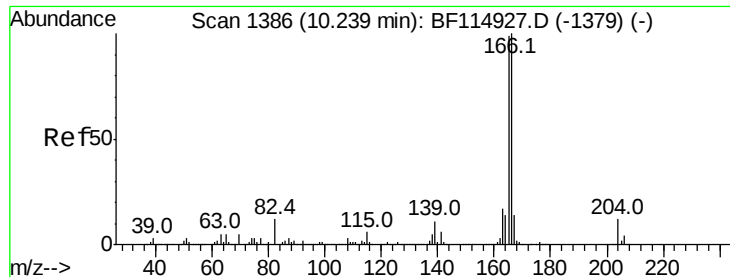
mohammad
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#57
2,4-Dinitrotoluene
Concen: 77.679 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	927173		
63	44.3	31.8	47.6	
89	68.1	54.2	81.2	
182	2.7	2.1	3.1	





#58

Fluorene

Concen: 69.426 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

Instrument :

BNA_F

ClientSampled :

SSTDICC080

Tot Ion:166 Resp: 2247194

Ion Ratio Lower Upper

166 100

165 96.9 79.2 118.8

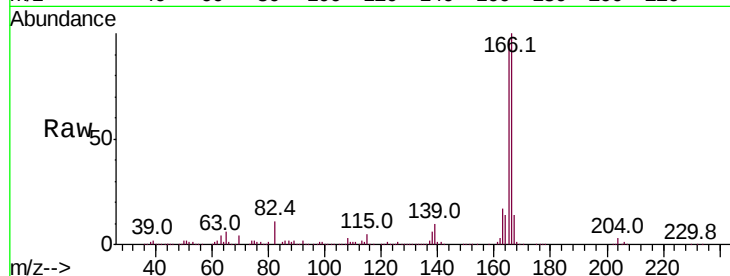
167 13.7 11.0 16.6

Manual Integrations

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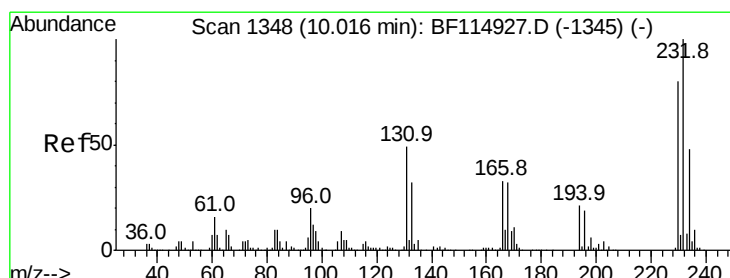
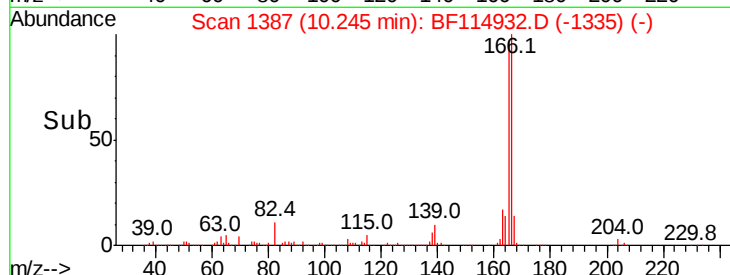
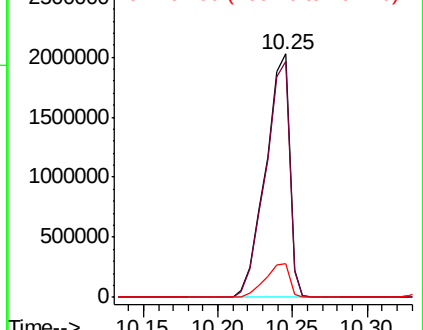


Abundance

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: 77.912 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

Tgt Ion:232 Resp: 769560

Ion Ratio Lower Upper

232 100

131 47.4 37.0 55.4

130 2.3 1.8 2.6

166 32.1 25.0 37.6

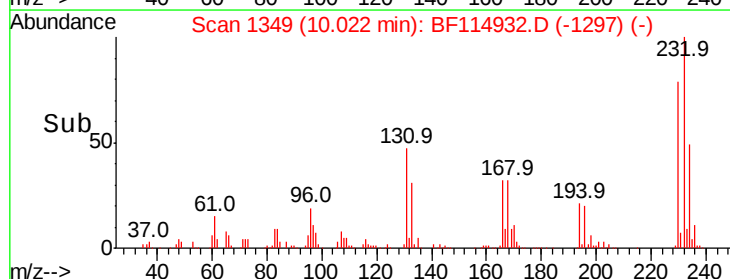
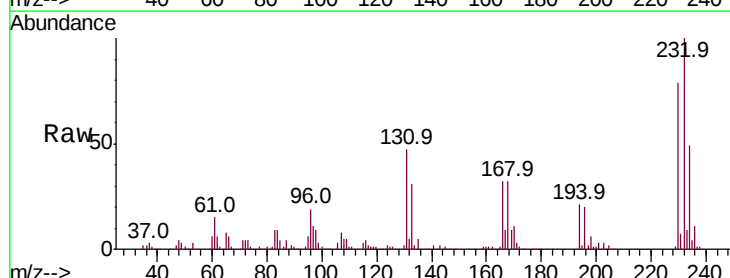
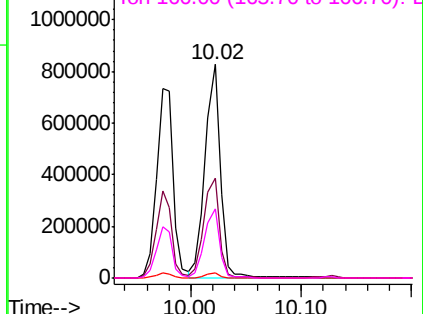
Abundance

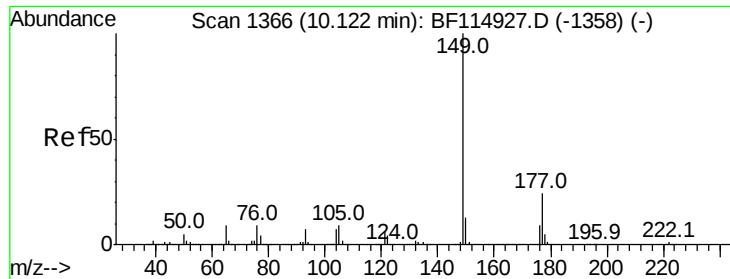
Ion 232.00 (231.70 to 232.70): E

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





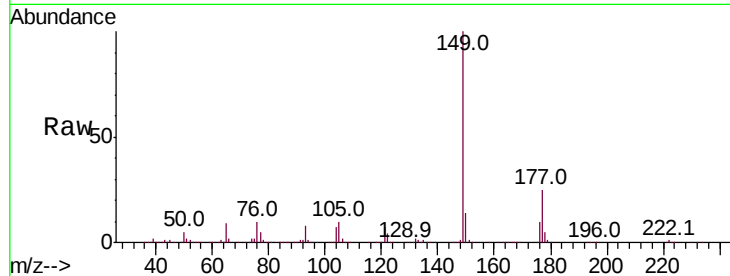
#60
Diethylphthalate
Concen: 75.675 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

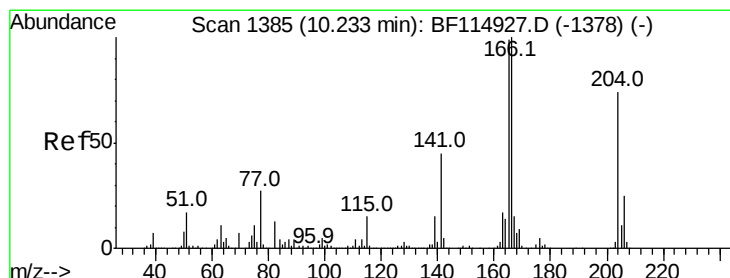
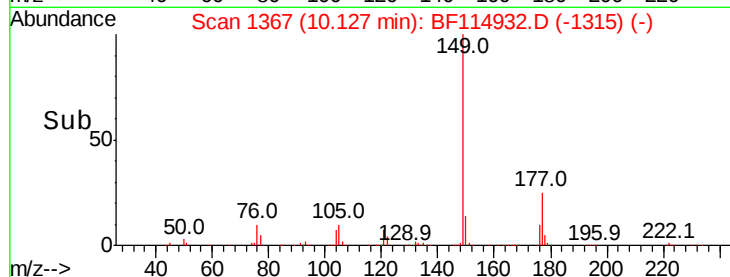
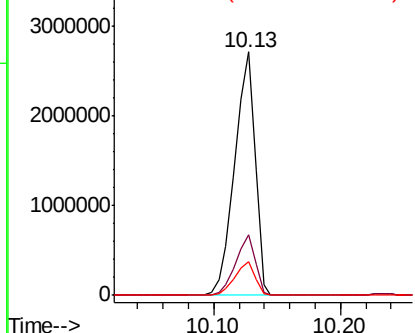
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.1	28.7
150	14.0	10.6	16.0

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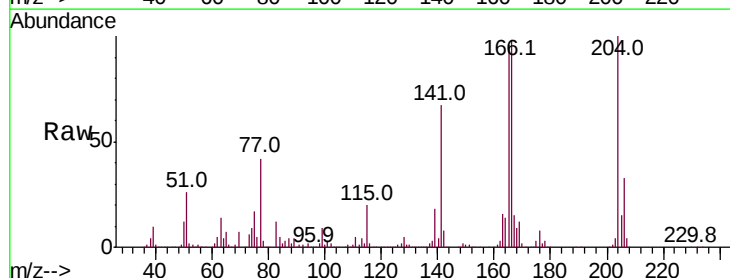


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

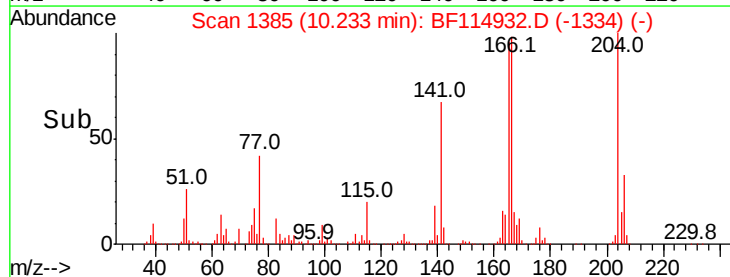
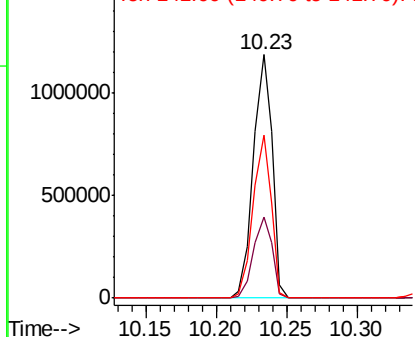


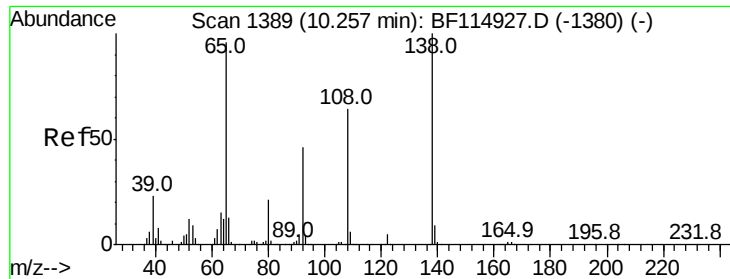
#61
4-Chlorophenyl-phenylether
Concen: 69.276 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.8	40.2
141	66.9	48.5	72.7



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





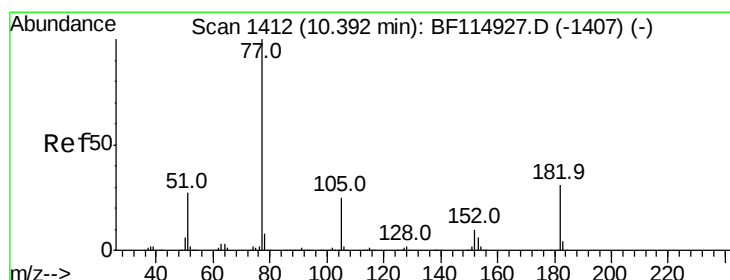
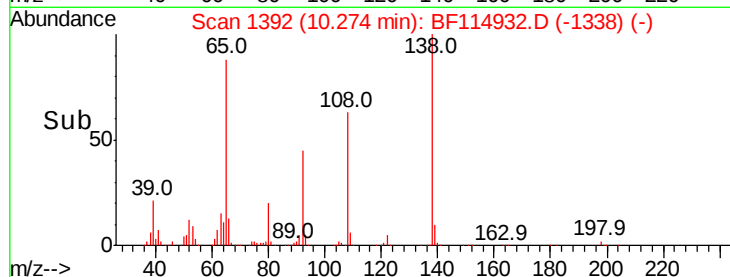
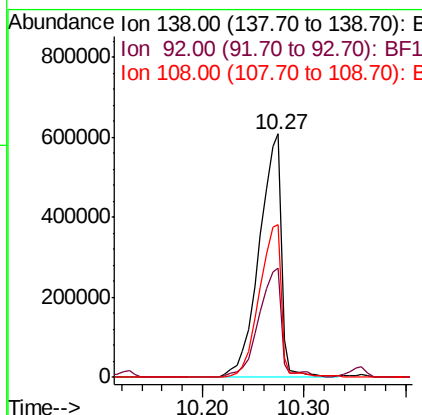
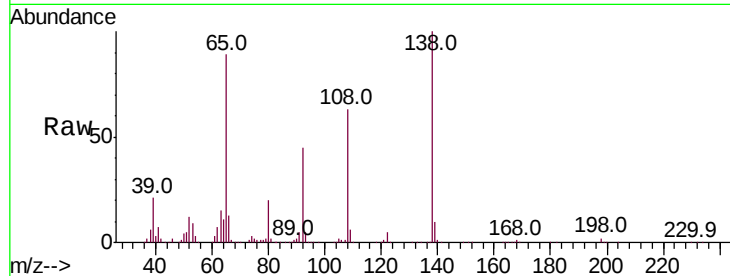
#62
4-Nitroaniline
Concen: 81.600 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.02 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.6	26.0	66.0
108	62.7	44.0	84.0

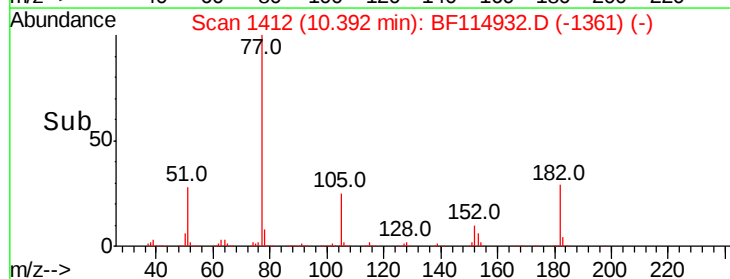
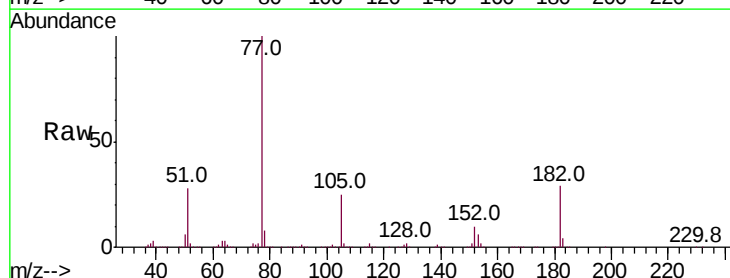
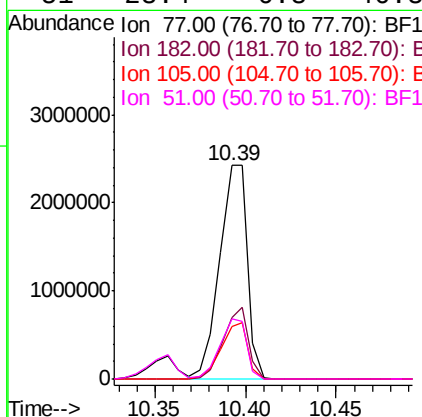
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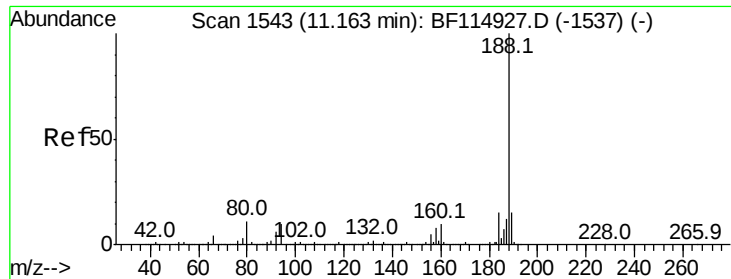
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#63
Azobenzene
Concen: 74.881 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.6	10.8	50.8
105	24.7	5.3	45.3
51	28.4	6.8	46.8





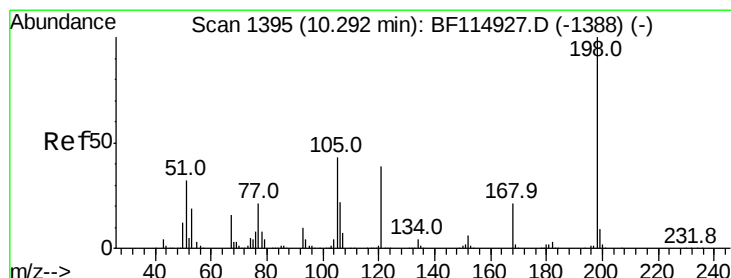
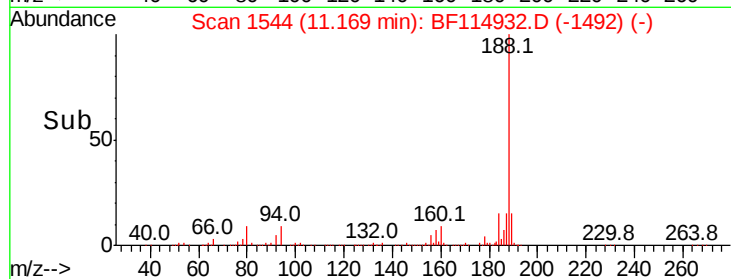
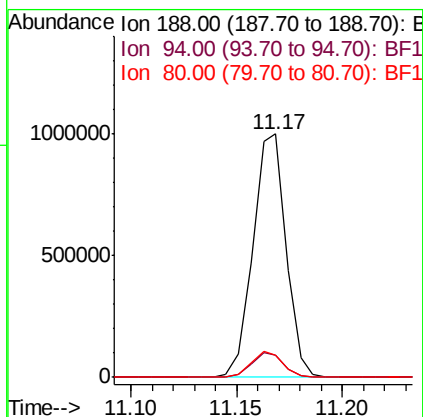
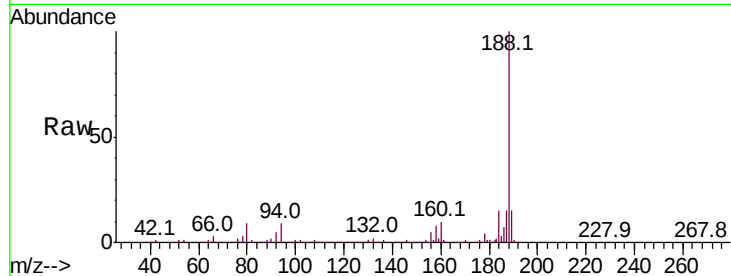
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.1	12.1
80	9.4	8.6	12.8

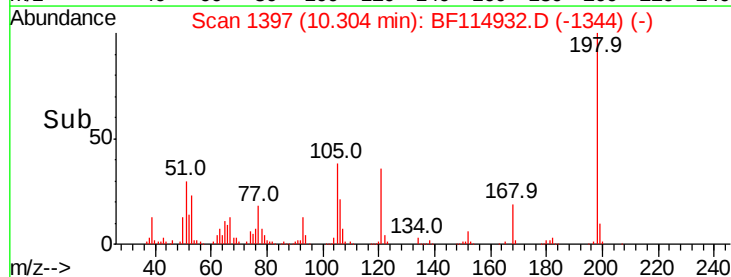
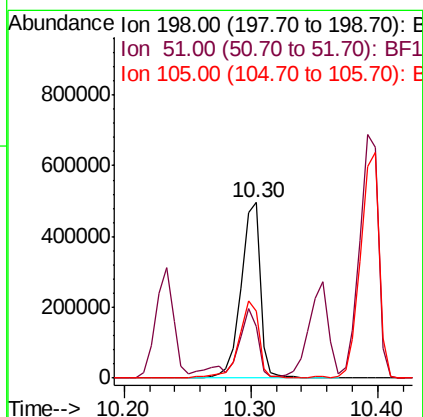
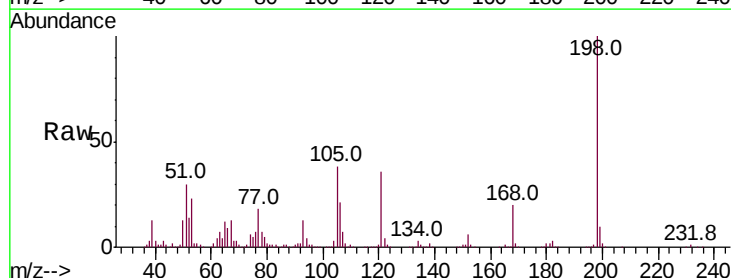
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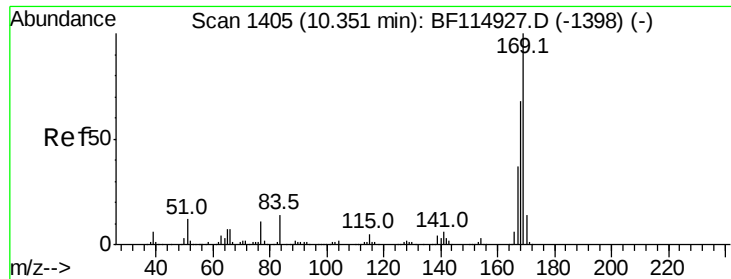
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#65
4,6-Dinitro-2-methylphenol
Concen: 87.734 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
198	100		
51	29.7	16.8	56.8
105	38.3	23.5	63.5





#66

n-Nitrosodiphenylamine

Concen: 75.385 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

Instrument :

BNA_F

ClientSampled :

SSTDICC080

Tot Ion:169 Resp: 2389235

Ion Ratio Lower Upper

169 100

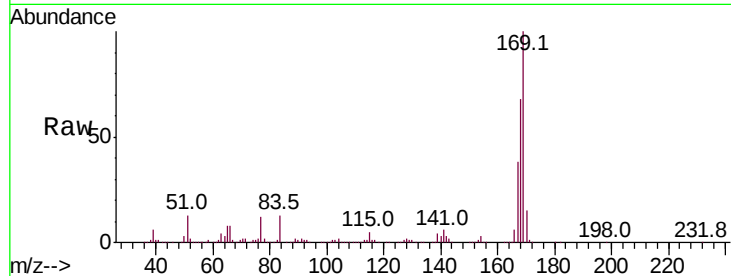
168 67.7 54.2 81.2

167 38.0 29.4 44.2

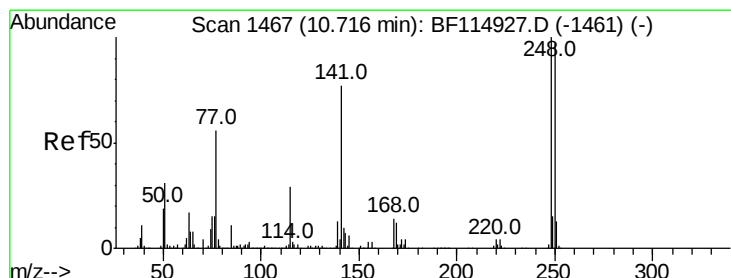
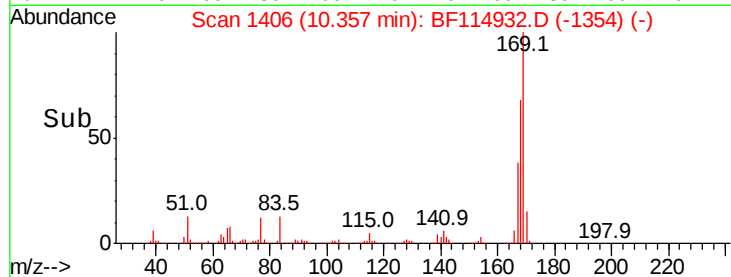
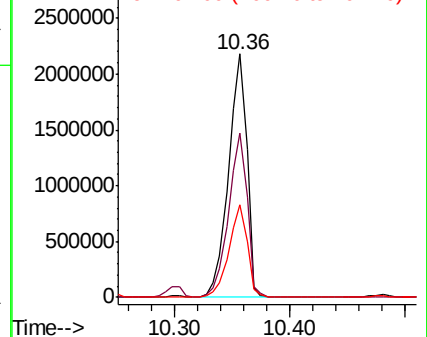
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#67

4-Bromophenyl-phenylether

Concen: 76.170 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

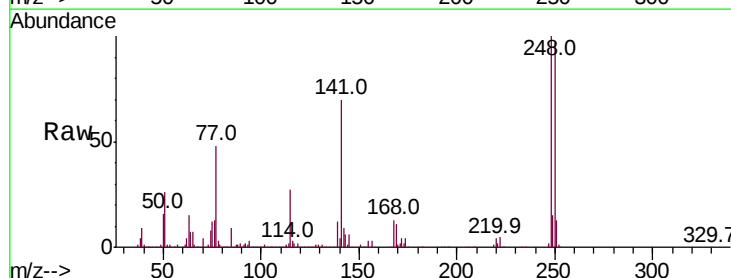
Tgt Ion:248 Resp: 880935

Ion Ratio Lower Upper

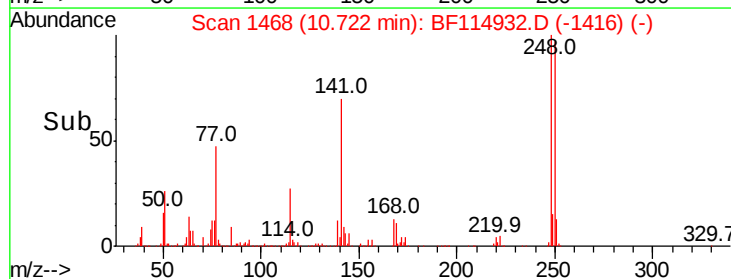
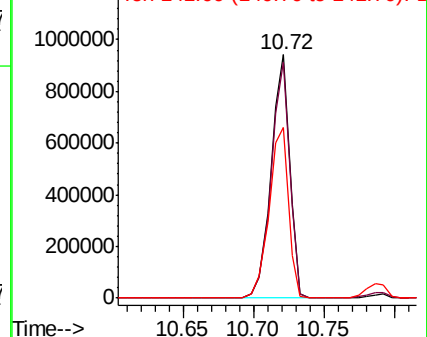
248 100

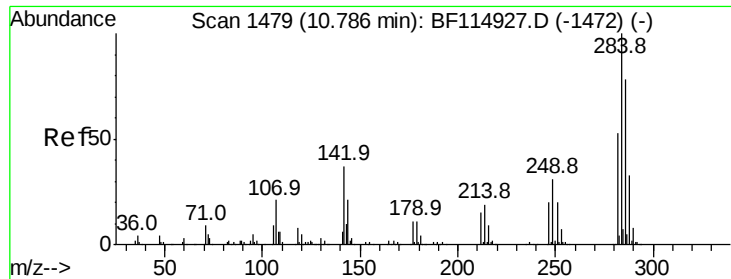
250 96.7 77.4 116.0

141 70.1 61.8 92.6



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





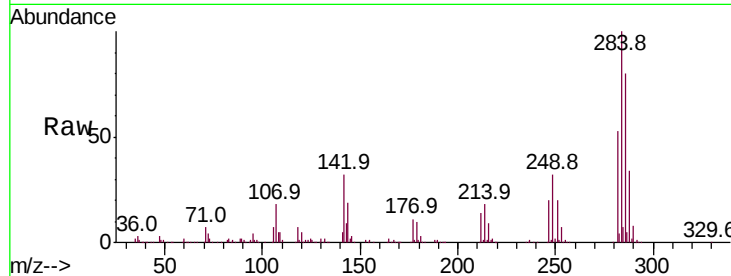
#68
Hexachlorobenzene
Concen: 75.809 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

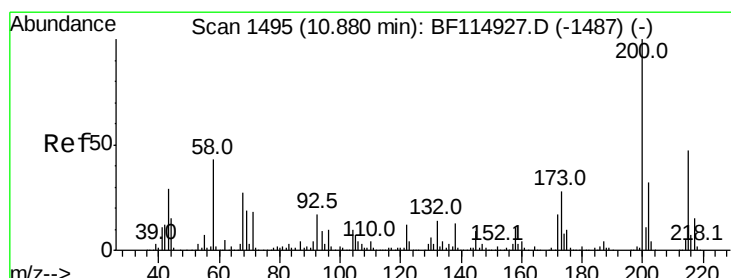
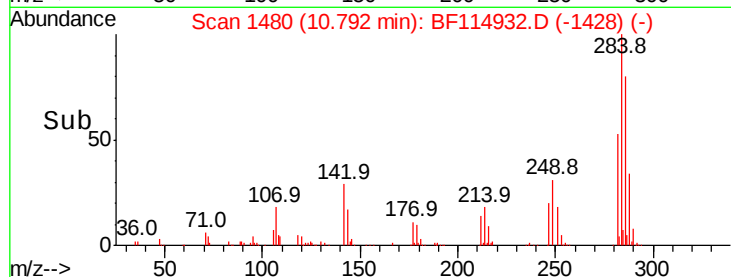
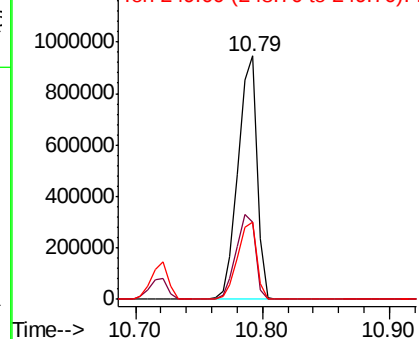
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	31.8	29.3	43.9	
249	31.9	25.1	37.7	

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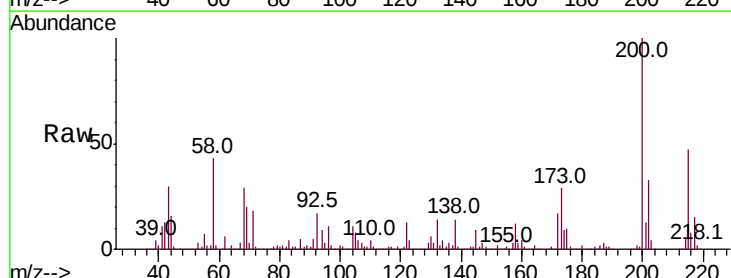


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

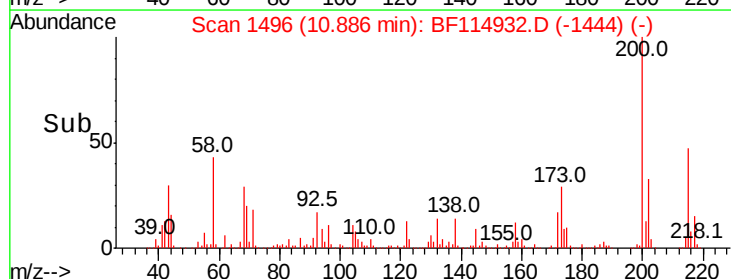
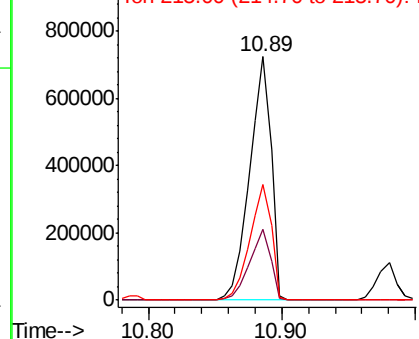


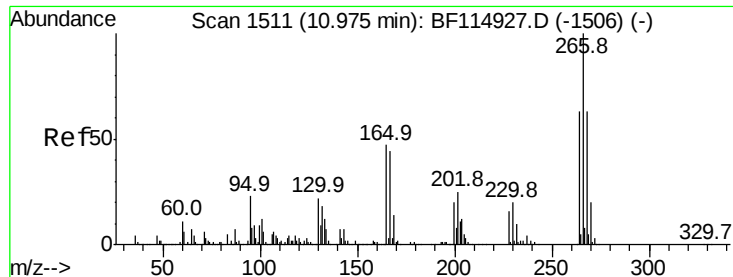
#69
Atrazine
Concen: 74.264 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.2	8.3	48.3	
215	47.3	26.6	66.6	



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





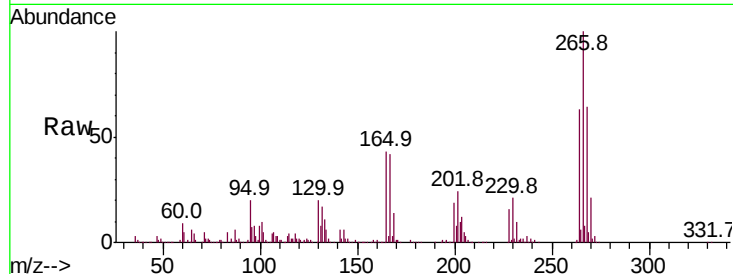
#70
 Pentachlorophenol
 Concen: 85.734 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.01 min
 Lab File: BF114932.D
 Acq: 10 Jun 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
266	100	606748		
268	63.6	50.8	76.2	
264	62.6	50.4	75.6	

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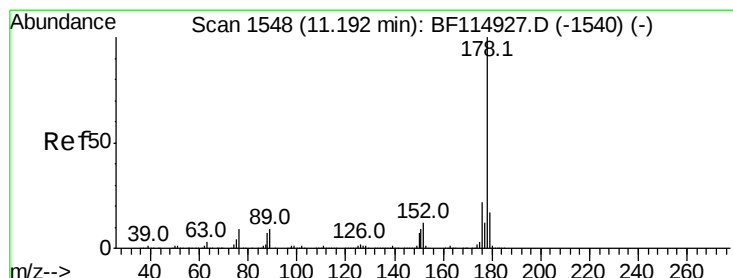
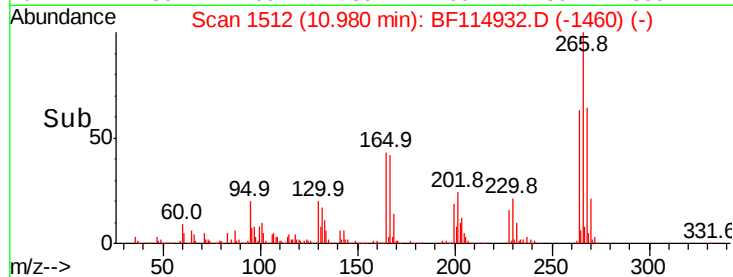
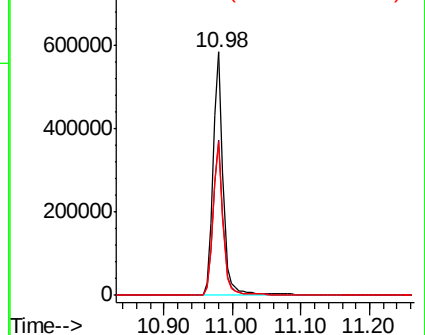


Abundance

Ion 265.70 (265.40 to 266.40): E

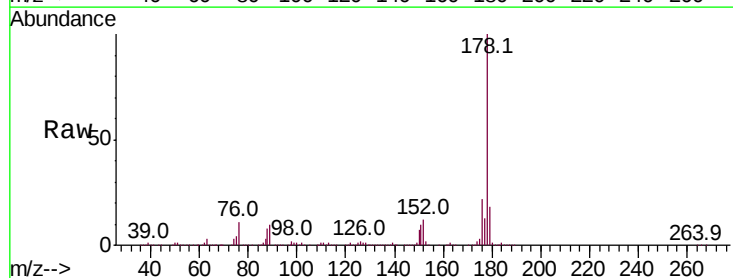
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 71.930 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BF114932.D
 Acq: 10 Jun 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	3738115		
176	22.2	17.4	26.2	
179	17.9	13.6	20.4	

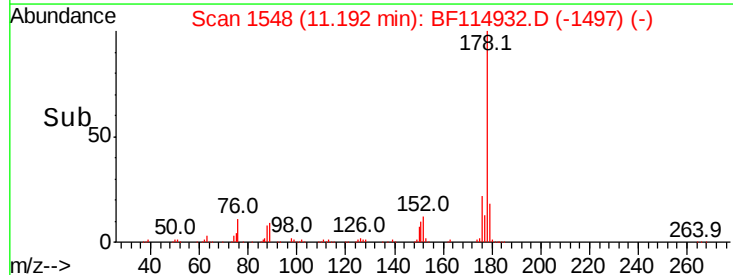
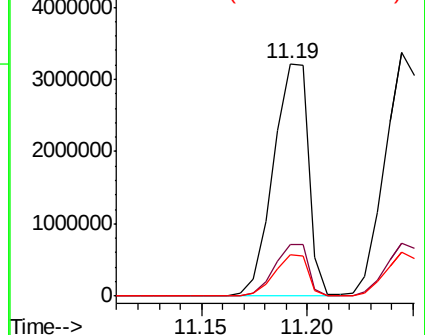


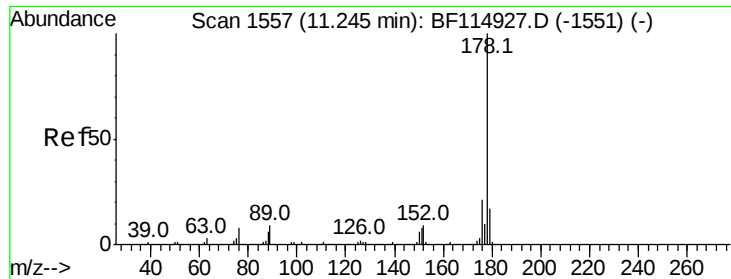
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72
 Anthracene
 Concen: 71.298 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BF114932.D
 Acq: 10 Jun 2019 14:15

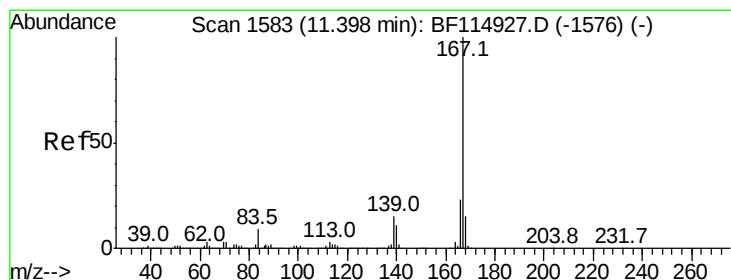
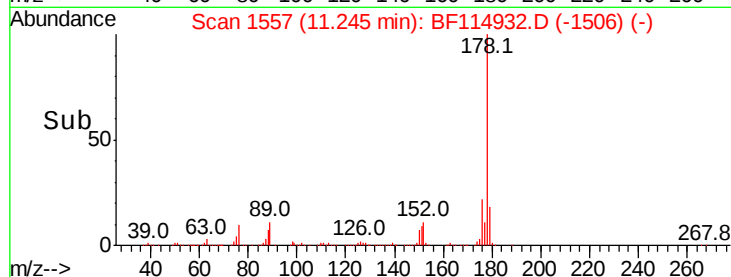
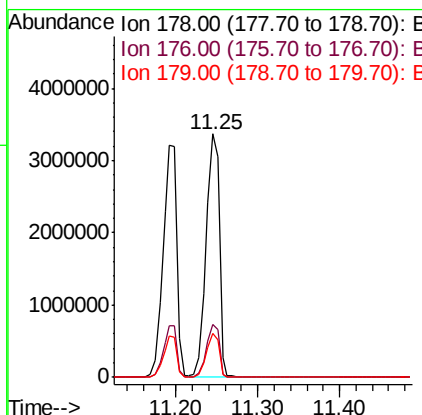
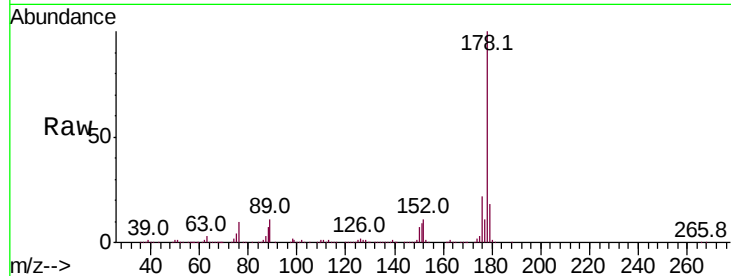
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:178 Resp: 3772471

Ion	Ratio	Lower	Upper
178	100		
176	21.8	16.6	25.0
179	18.0	13.4	20.2

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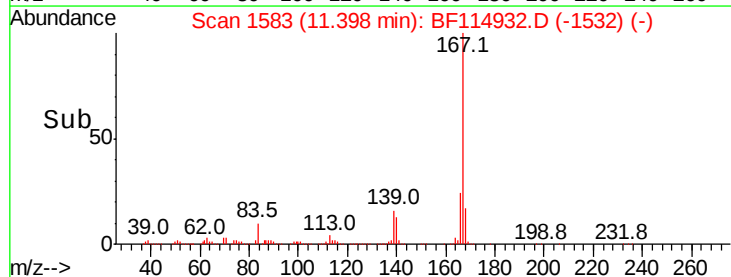
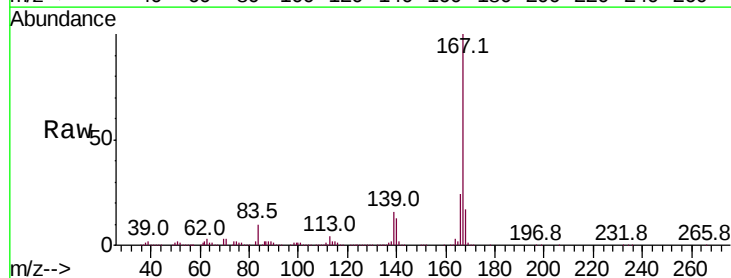
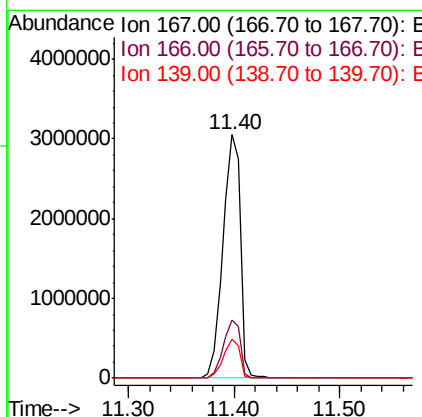
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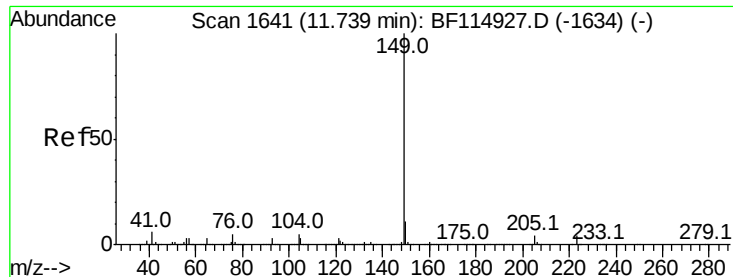


#73
 Carbazole
 Concen: 73.611 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF114932.D
 Acq: 10 Jun 2019 14:15

Tgt Ion:167 Resp: 3525791

Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.8	28.2
139	15.9	11.6	17.4





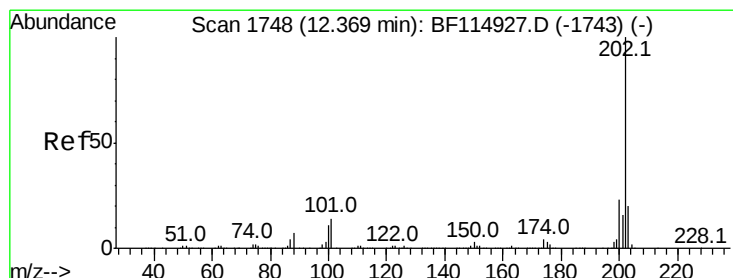
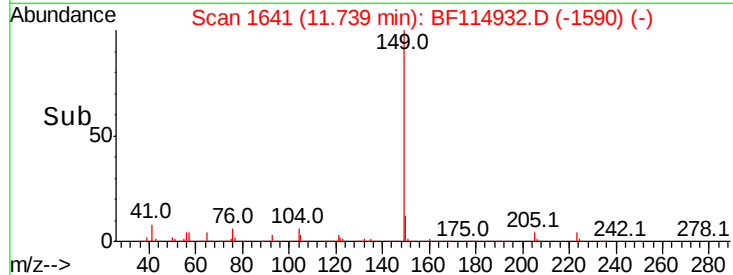
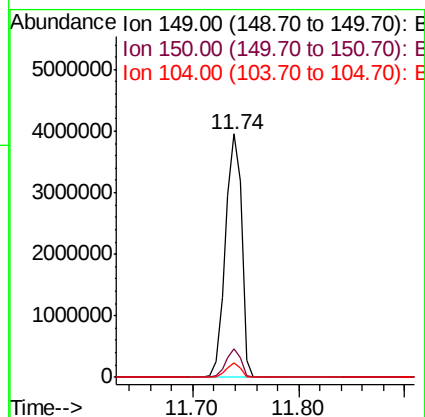
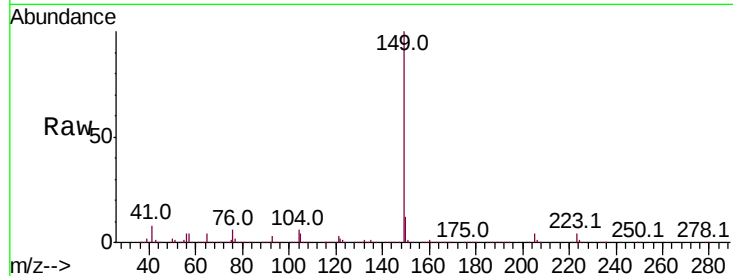
#74
Di-n-butylphthalate
Concen: 71.007 ng
RT: 11.74 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:149 Resp: 4230319
Ion Ratio Lower Upper
149 100
150 11.6 8.5 12.7
104 6.0 4.1 6.1

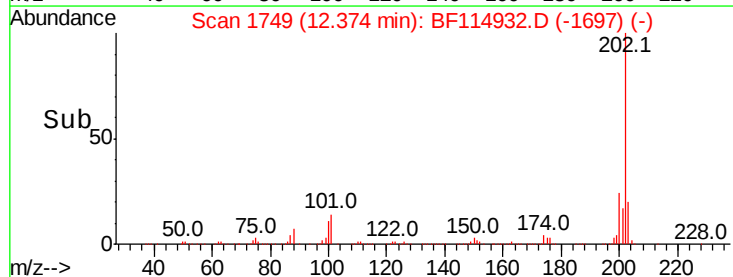
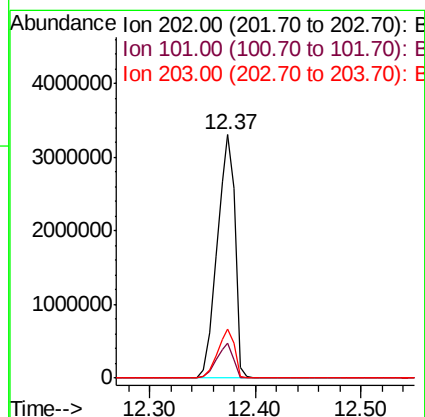
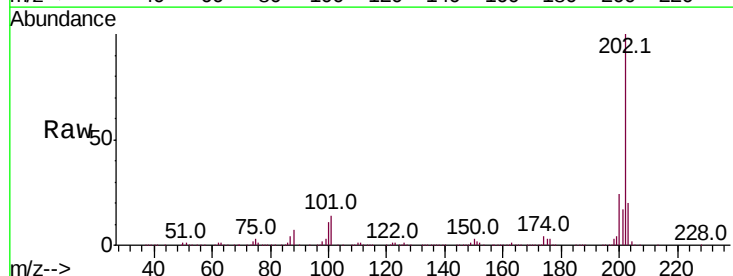
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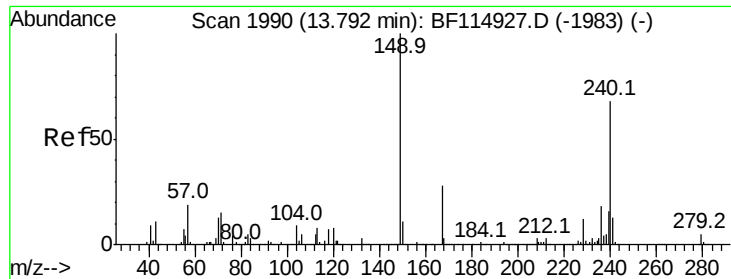
mohammad
6/12/2019 9:13:57 AM



#75
Fluoranthene
Concen: 72.962 ng
RT: 12.37 min Scan# 1749
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Tgt Ion:202 Resp: 3926244
Ion Ratio Lower Upper
202 100
101 14.5 0.0 34.3
203 20.2 0.0 39.6





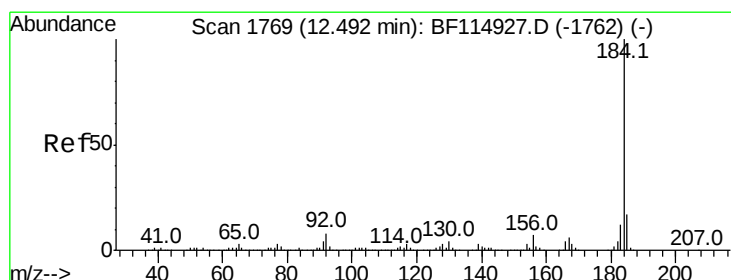
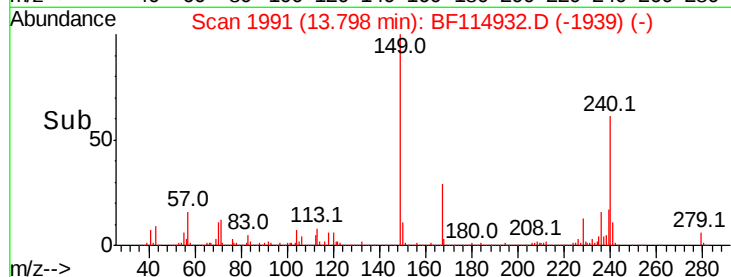
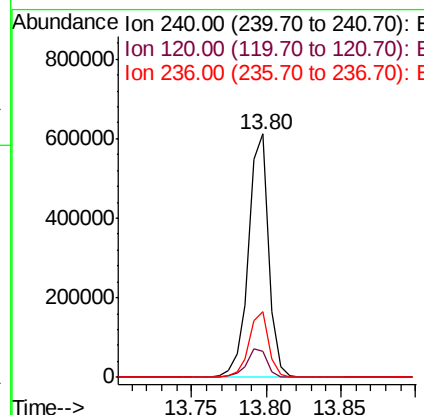
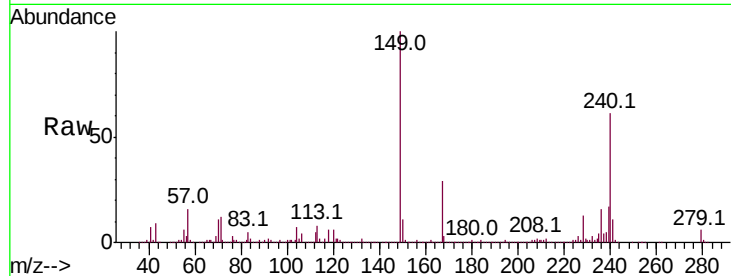
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.2	13.8
236	26.9	21.7	32.5

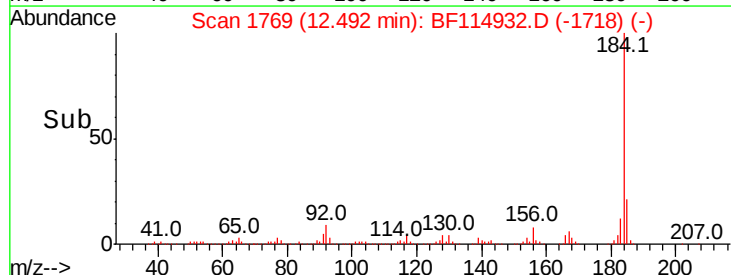
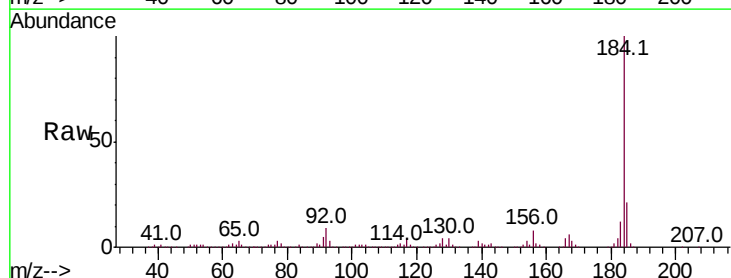
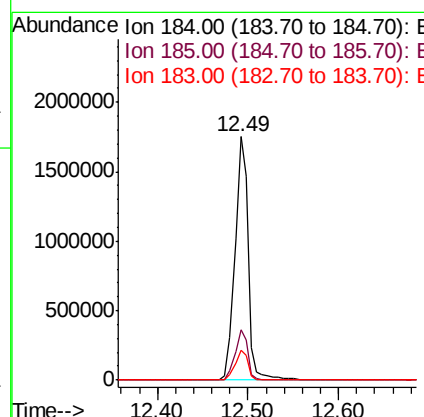
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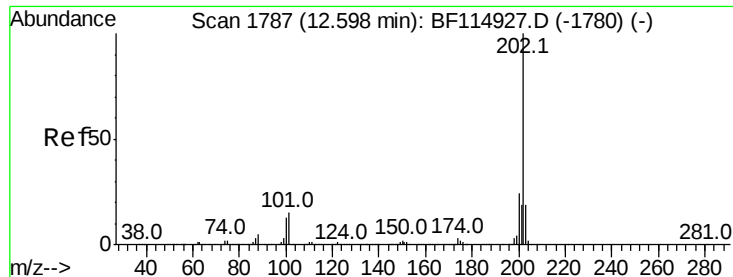
mohammad
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#77
Benzidine
Concen: 72.121 ng
RT: 12.49 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
184	100		
185	20.6	13.4	20.0#
183	12.3	9.8	14.6





#78

Pvrene

Concen: 81.806 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

Instrument :

BNA_F

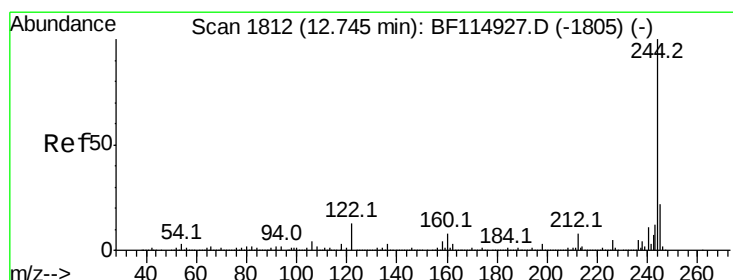
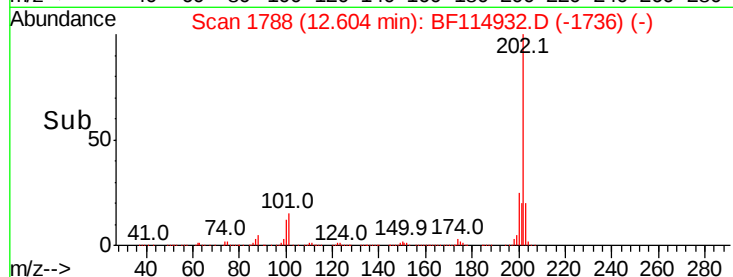
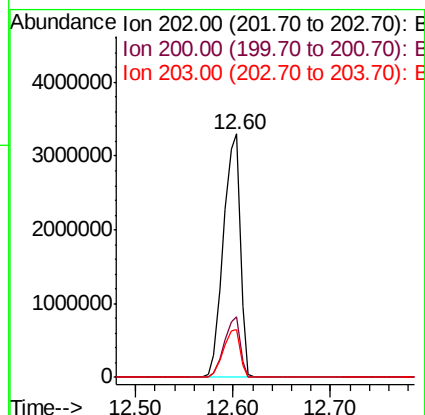
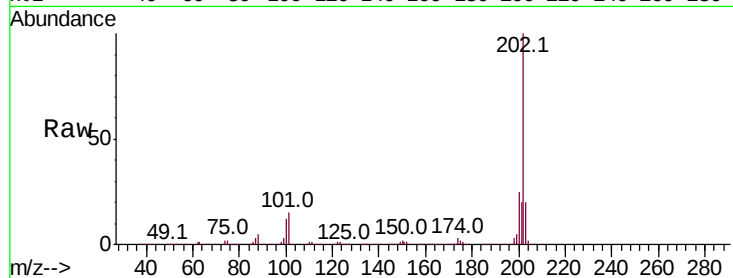
ClientSampleId :

SSTDICC080

Tot Ion:	202	Resp:	3963590
Ion	Ratio	Lower	Upper
202	100		
200	24.6	18.9	28.3
203	19.8	15.2	22.8

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#79

Terphenyl-d14

Concen: 155.214 ng

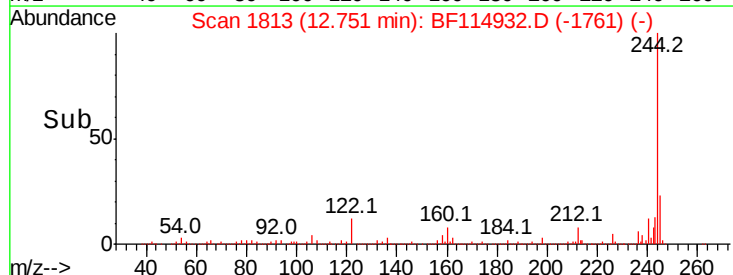
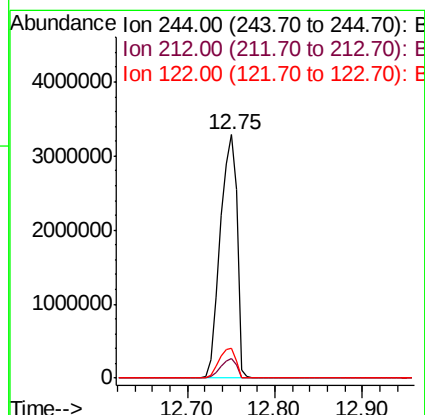
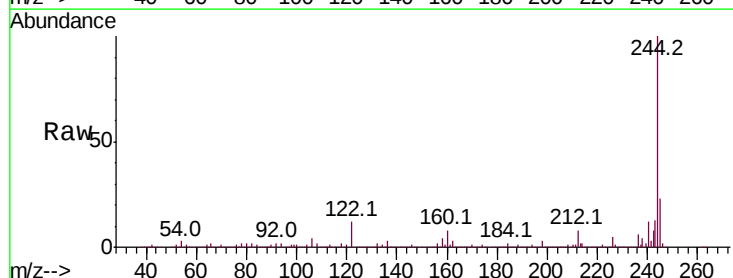
RT: 12.75 min Scan# 1813

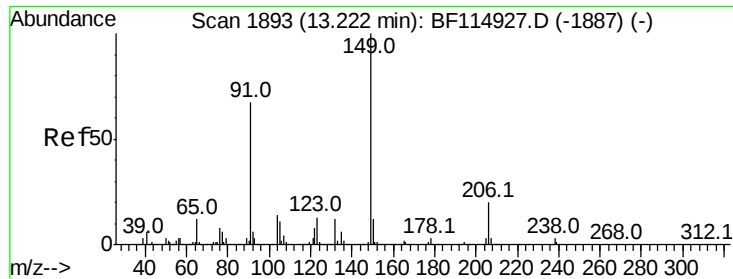
Delta R.T. 0.01 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

Tgt Ion:	244	Resp:	4405920
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	12.3	10.2	15.4





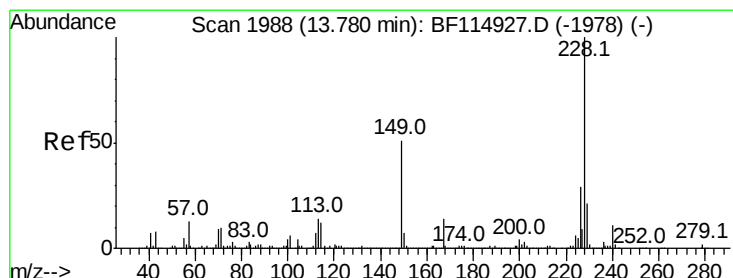
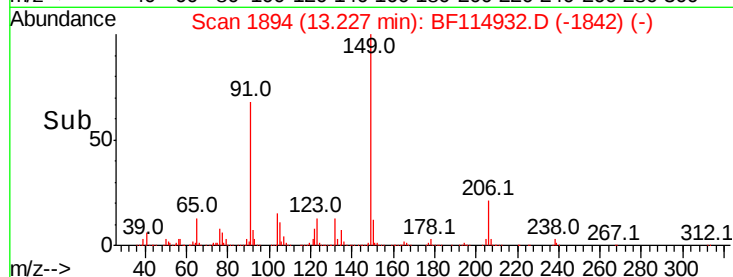
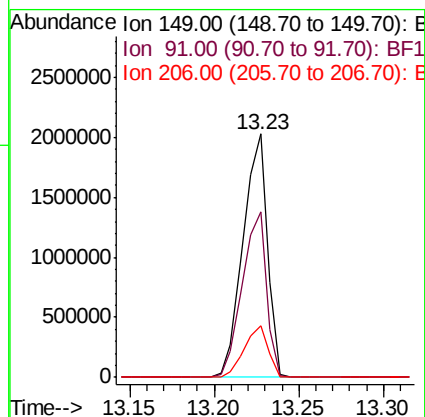
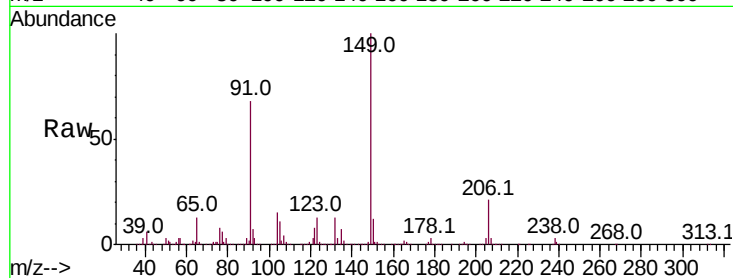
#80
Butylbenzylphthalate
Concen: 86.065 ng
RT: 13.23 min Scan# 1894
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.0	53.8	80.8
206	21.3	16.3	24.5

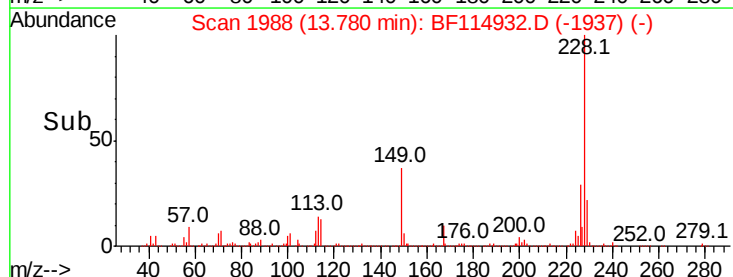
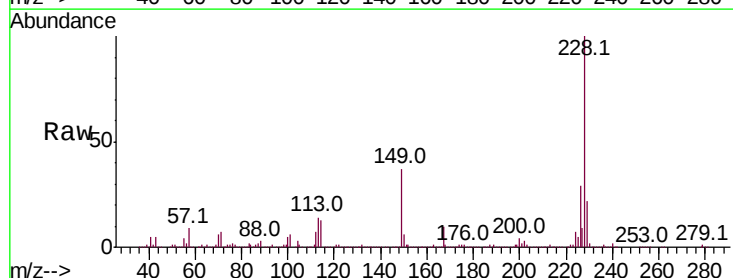
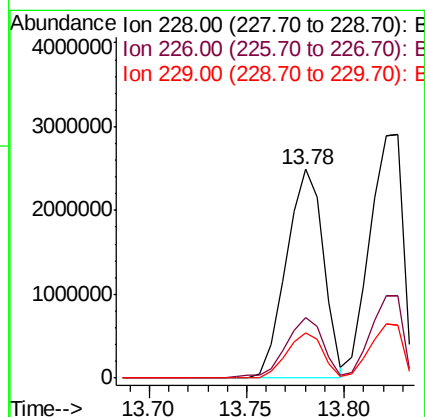
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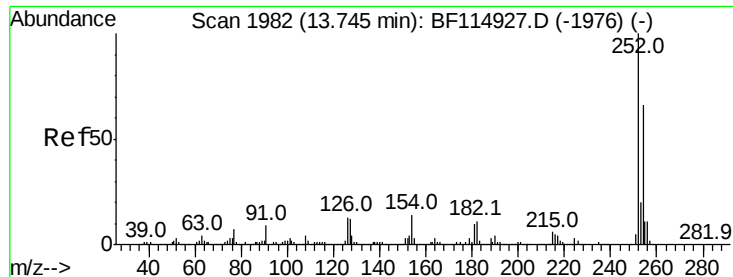
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#81
Benzo(a)anthracene
Concen: 78.956 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.8	34.2
229	21.7	16.6	25.0





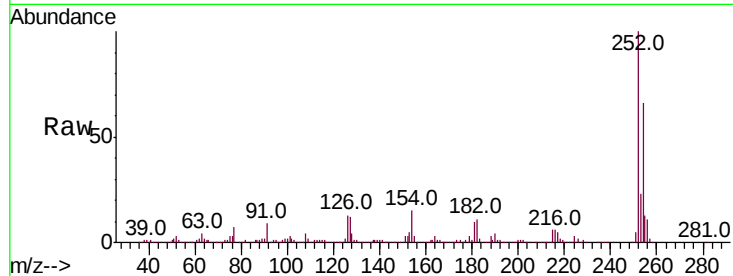
#82
 3,3'-Dichlorobenzidine
 Concen: 81.637 ng
 RT: 13.75 min Scan# 1983
 Delta R.T. 0.01 min
 Lab File: BF114932.D
 Acq: 10 Jun 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.6	78.8
126	12.7	10.4	15.6

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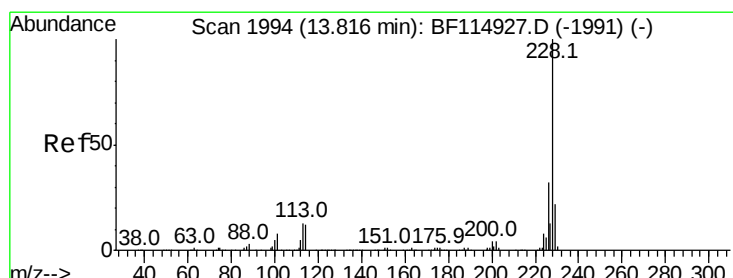
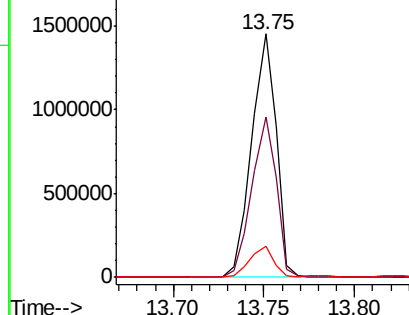
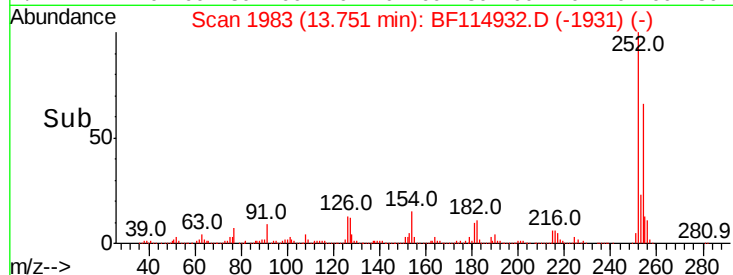


Abundance

Ion 252.00 (251.70 to 252.70): E

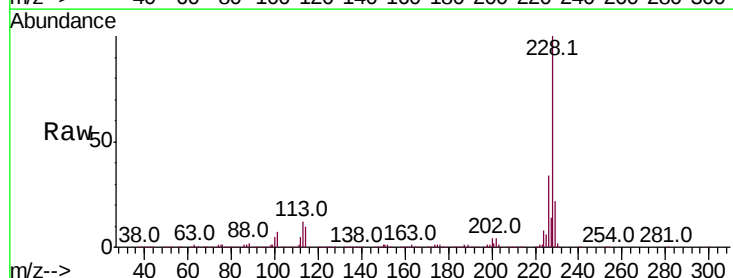
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 82.197 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.01 min
 Lab File: BF114932.D
 Acq: 10 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.9	25.8	38.8
229	21.8	17.2	25.8

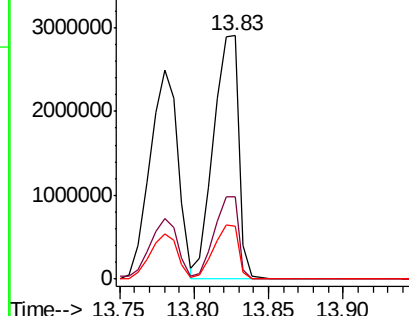
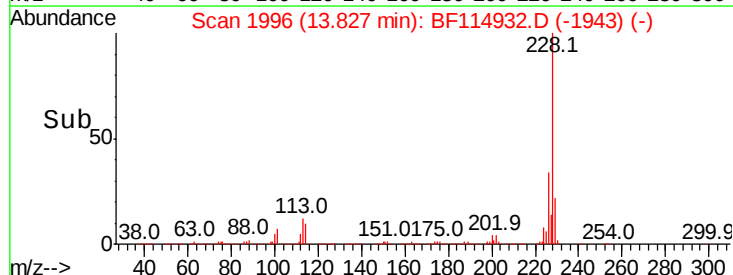


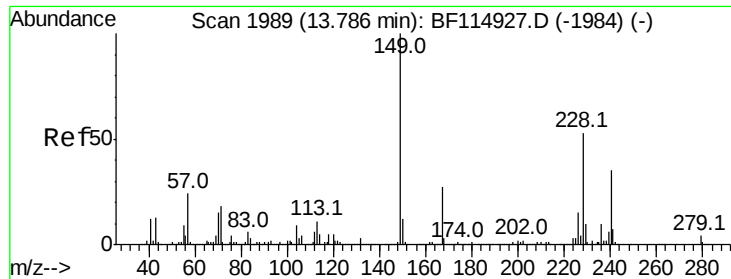
Abundance

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 77.477 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:149 Resp: 2196042

Ion Ratio Lower Upper

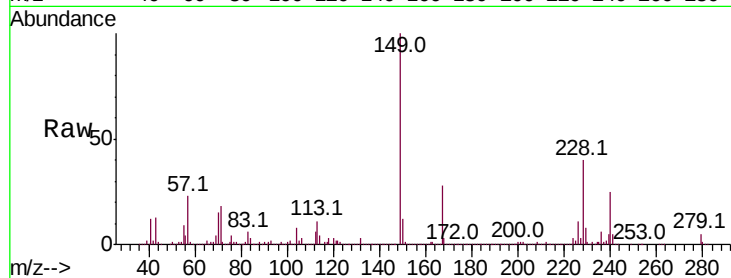
149 100

167 28.2 21.9 32.9

279 4.7 3.2 4.8

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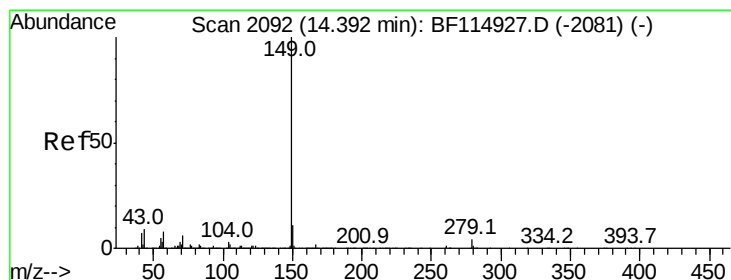
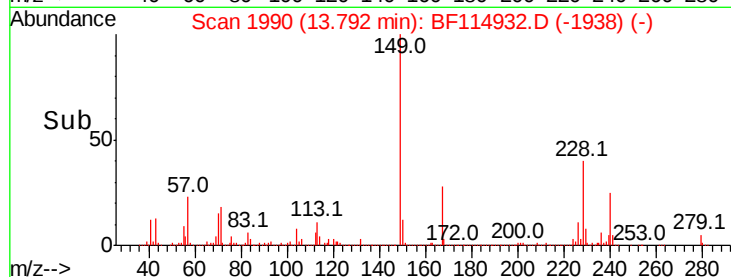
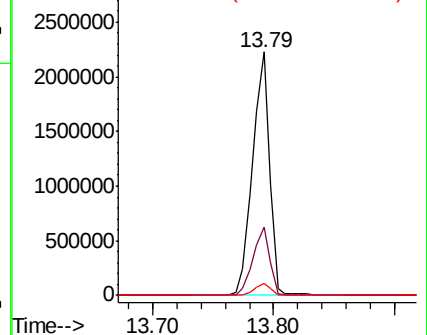
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 80.360 ng

RT: 14.40 min Scan# 2093

Delta R.T. 0.01 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

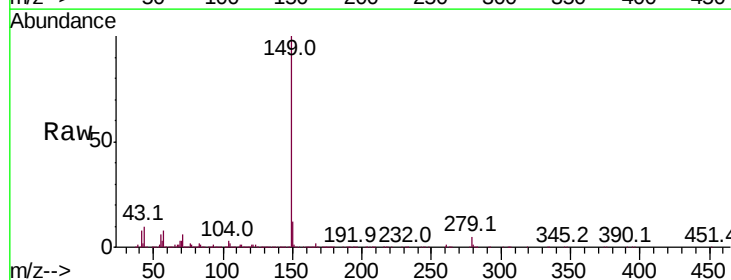
Tgt Ion:149 Resp: 4115491

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

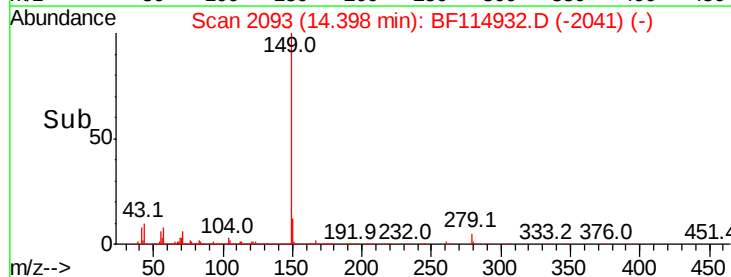
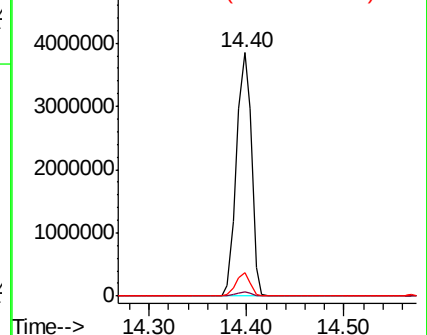
43 8.9 6.8 10.2

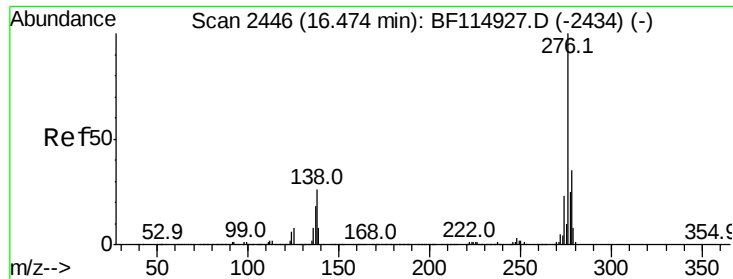


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





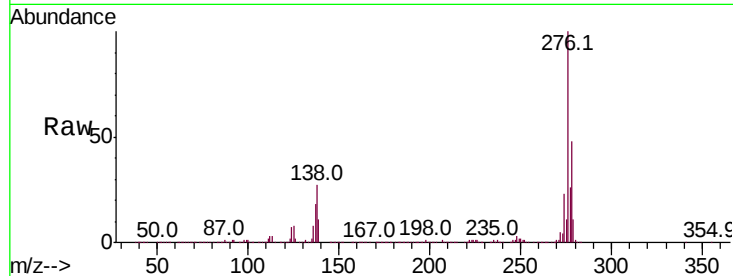
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 87.252 ng
 RT: 16.49 min Scan# 2448
 Delta R.T. 0.01 min
 Lab File: BF114932.D
 Acq: 10 Jun 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

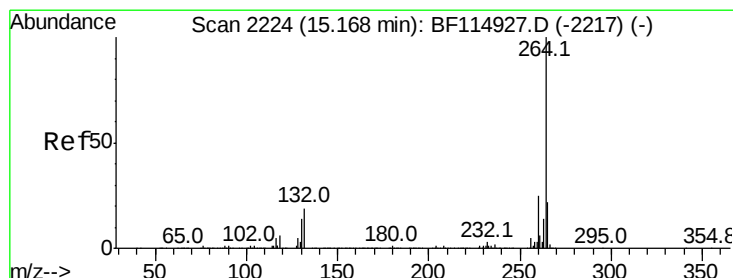
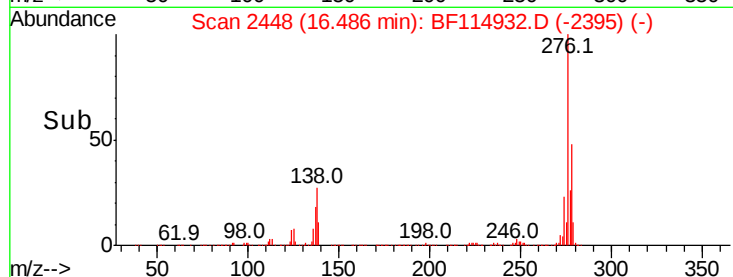
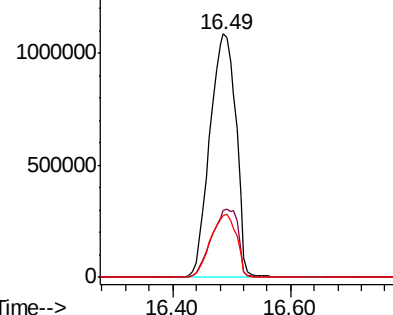
Tot	Ion:276	Resp:	3355852
Ion	Ratio	Lower	Upper
276	100		
138	28.7	23.3	34.9
277	25.7	20.5	30.7

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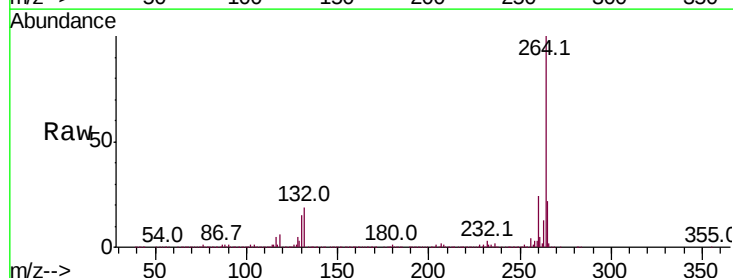


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

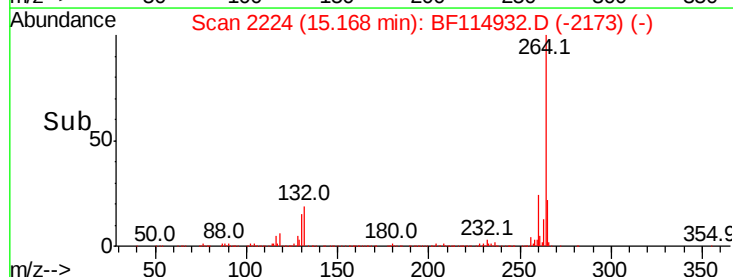
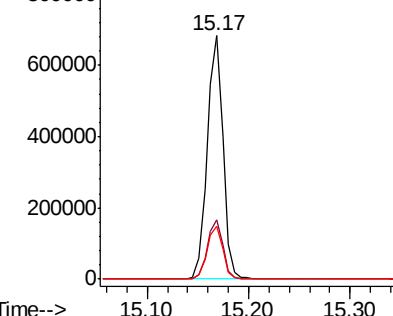


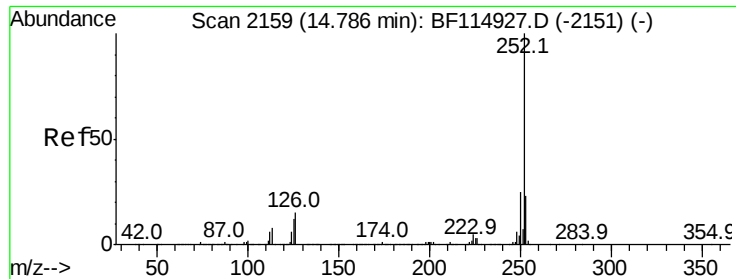
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.17 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: BF114932.D
 Acq: 10 Jun 2019 14:15

Tgt Ion	264	Resp: Lower	734826 Upper
	Ratio		
264	100		
260	24.4	19.7	29.5
265	22.0	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





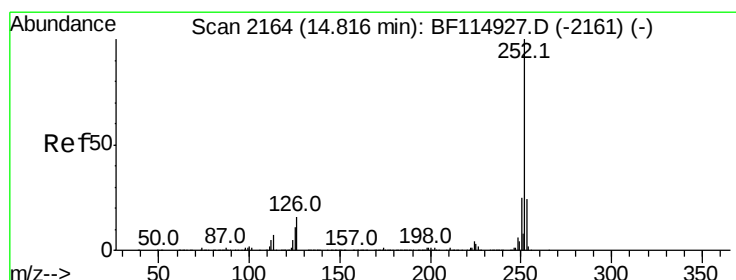
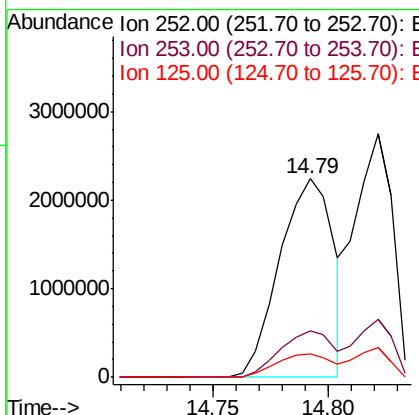
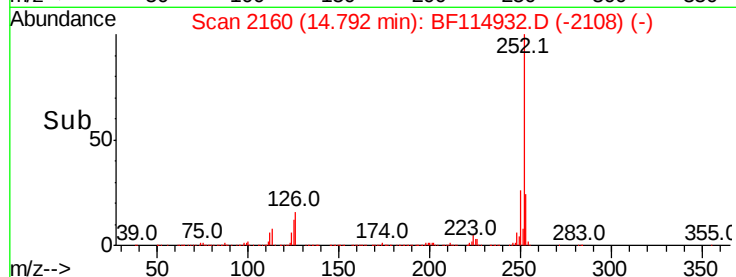
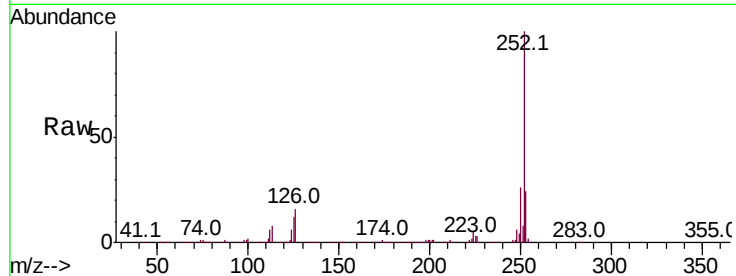
#88
Benzo(b)fluoranthene
Concen: 76.755 ng
RT: 14.79 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.6	28.0
125	12.1	9.5	14.3

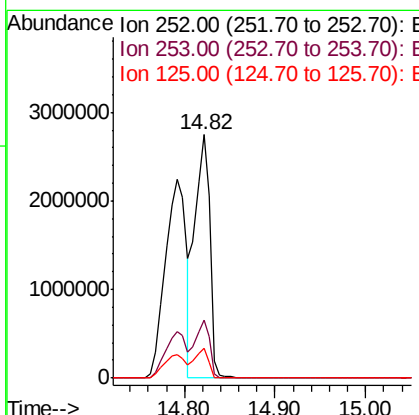
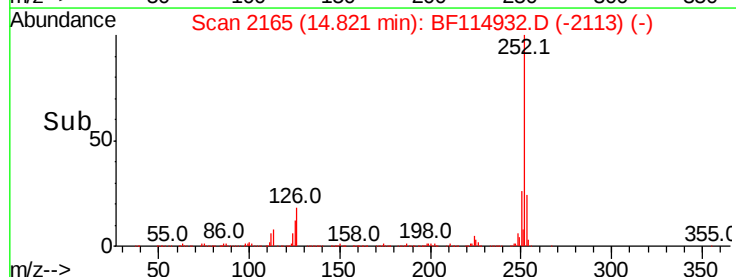
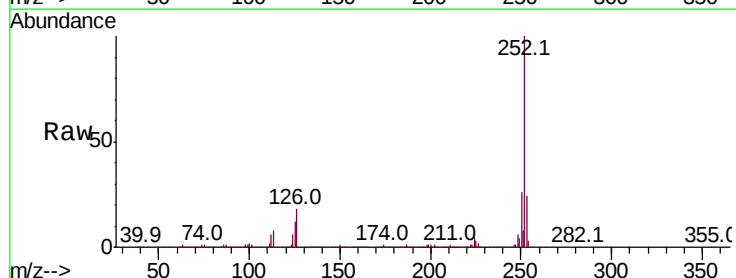
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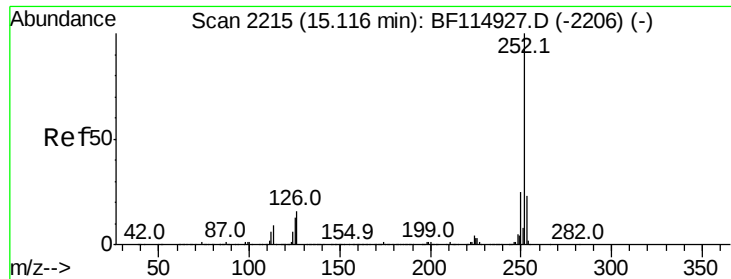
mohammad
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#89
Benzo(k)fluoranthene
Concen: 78.318 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.6	28.0
125	12.2	9.2	13.8





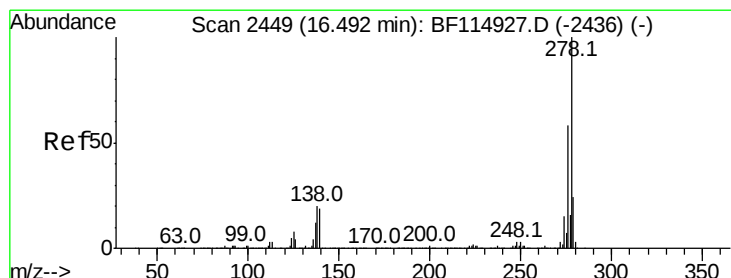
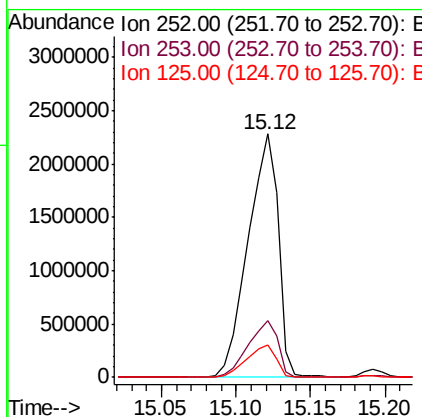
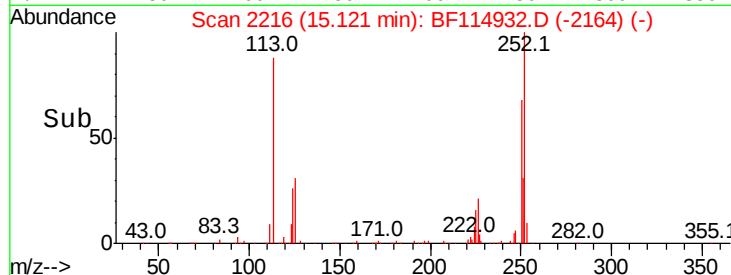
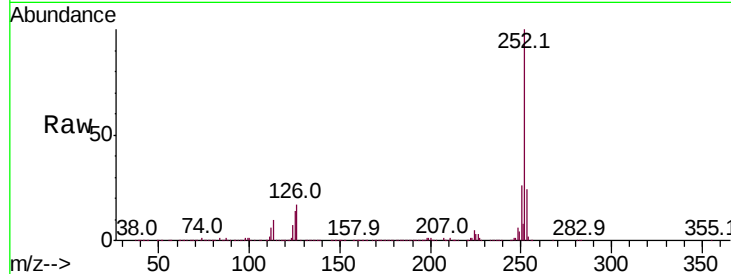
#90
Benzo(a)pyrene
Concen: 78.414 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:252 Resp: 3178039
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 13.5 10.1 15.1

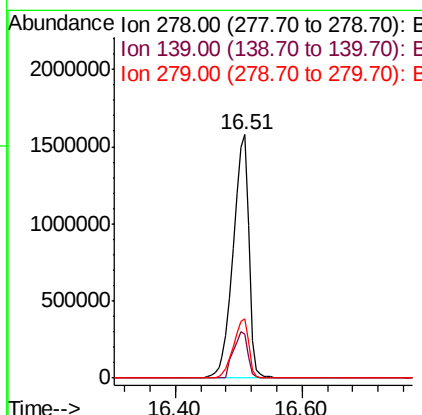
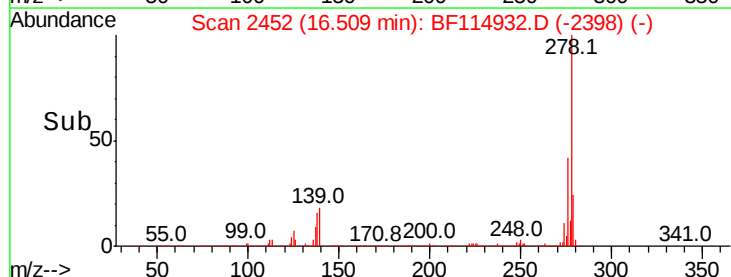
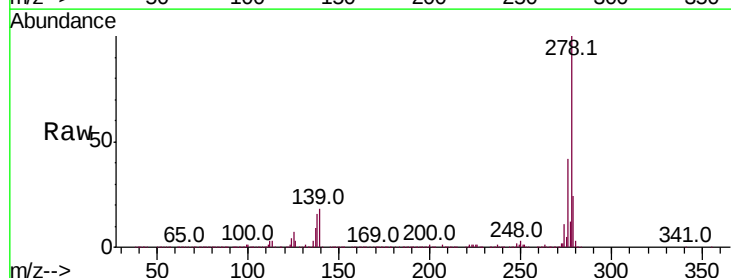
Manual Integrations
APPROVED

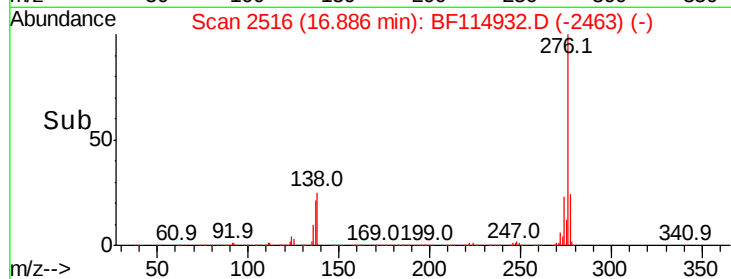
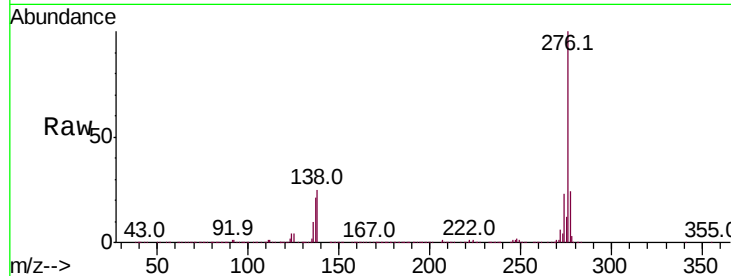
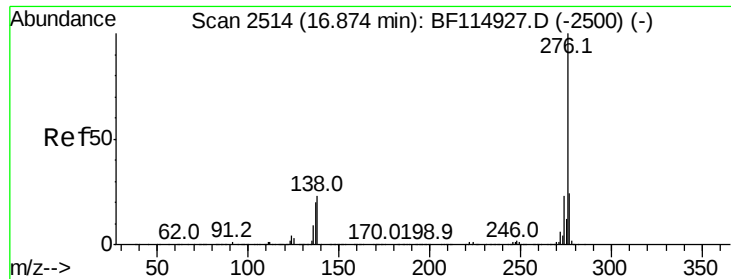
mohammad
6/12/2019 9:13:57 AM



#91
Dibenzo(a,h)anthracene
Concen: 78.945 ng
RT: 16.51 min Scan# 2452
Delta R.T. 0.02 min
Lab File: BF114932.D
Acq: 10 Jun 2019 14:15

Tgt Ion:278 Resp: 2671959
Ion Ratio Lower Upper
278 100
139 18.1 15.1 22.7
279 24.4 19.6 29.4





#92

Benzo(a,h,i)perylene

Concen: 80.577 ng

RT: 16.89 min Scan# 2516

Delta R.T. 0.01 min

Lab File: BF114932.D

Acq: 10 Jun 2019 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:276 Resp: 2697482

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.6

138 24.6 18.7 28.1

Manual Integrations

APPROVED

mohammad

6/12/2019 9:13:57 AM

