

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061019\
 Data File : BF114930.D
 Acq On : 10 Jun 2019 12:45
 Operator : HP/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

mohammad
 6/12/2019 9:13:20 AM

Quant Time: Jun 10 13:54:34 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 12:30:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	288863	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1192179	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	593108	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1170189	20.00	ng	0.00
76) Chrysene-d12	13.79	240	612888	20.00	ng	0.00
87) Perylene-d12	15.16	264	781218	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	2394278	144.83	ng	0.00
7) Phenol-d6	6.32	99	2828480	140.61	ng	0.00
23) Nitrobenzene-d5	7.23	82	2746966	141.84	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	882969	138.14	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	4138570	130.71	ng	0.00
79) Terphenyl-d14	12.75	244	4334058	137.52	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.28	88	603647	76.480	ng	100
3) Pyridine	2.96	79	1733288	79.906	ng	99
4) n-Nitrosodimethylamine	2.93	42	621129	78.239	ng	99
6) Aniline	6.33	93	1911668	66.975	ng	# 71
8) 2-Chlorophenol	6.45	128	1363720	71.397	ng	95
9) Benzaldehyde	6.20	77	711670	51.004	ng	98
10) Phenol	6.33	94	1603691	69.716	ng	96
11) bis(2-Chloroethyl)ether	6.41	93	1315636	73.284	ng	99
12) 1,3-Dichlorobenzene	6.60	146	1586628	71.287	ng	98
13) 1,4-Dichlorobenzene	6.68	146	1580592	70.577	ng	98
14) 1,2-Dichlorobenzene	6.84	146	1379665	68.213	ng	99
15) Benzyl Alcohol	6.82	79	1014644	66.701	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1769169	68.904	ng	97
17) 2-Methylphenol	6.93	107	1182524	72.429	ng	97
18) Hexachloroethane	7.17	117	599809	71.156	ng	98
19) n-Nitroso-di-n-propylamine	7.10	70	918181	68.955	ng	99
20) 3+4-Methylphenols	7.09	107	1211100	67.254	ng	99
22) Acetophenone	7.08	105	1852266	70.569	ng	# 96
24) Nitrobenzene	7.25	77	1442102	71.878	ng	99
25) Isophorone	7.50	82	2741653	71.608	ng	100
26) 2-Nitrophenol	7.56	139	818491	75.323	ng	95
27) 2,4-Dimethylphenol	7.62	122	1159495	70.204	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	1708324	69.801	ng	100
29) 2,4-Dichlorophenol	7.81	162	1212740	69.793	ng	97
30) 1,2,4-Trichlorobenzene	7.89	180	1363470	68.386	ng	99
31) Naphthalene	7.97	128	3630177	67.636	ng	97
32) Benzoic acid	7.78	122	984188	81.816	ng	99
33) 4-Chloroaniline	8.02	127	1774622	69.308	ng	99
34) Hexachlorobutadiene	8.09	225	764326	67.429	ng	99
35) Caprolactam	8.42	113	439380m	77.406	ng	
36) 4-Chloro-3-methylphenol	8.52	107	1231731	71.237	ng	96
37) 2-Methylnaphthalene	8.66	142	2513647	67.521	ng	97
38) 1-Methylnaphthalene	8.76	142	2358699	66.810	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	1134799	66.392	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	723814	69.823	nq	100
43) 2,4,6-Trichlorophenol	8.94	196	921586	69.340	nq	98
44) 2,4,5-Trichlorophenol	8.98	196	942754	70.432	nq	99
46) 1,1'-Biphenyl	9.12	154	2878028	65.472	nq	99
47) 2-Chloronaphthalene	9.15	162	2527563	67.668	nq	98
48) 2-Nitroaniline	9.24	65	823914	73.915	nq	92
49) Acenaphthylene	9.56	152	3592223	66.317	nq	97
50) Dimethylphthalate	9.43	163	3070067	70.872	nq	99
51) 2,6-Dinitrotoluene	9.49	165	740367	72.674	nq	99
52) Acenaphthene	9.73	154	2196901	61.914	nq	99
53) 3-Nitroaniline	9.66	138	869441	73.056	nq	97
54) 2,4-Dinitrophenol	9.76	184	426085	92.427	nq	98
55) Dibenzofuran	9.90	168	3028422	61.378	nq	95
56) 4-Nitrophenol	9.82	139	655984	75.223	nq	95
57) 2,4-Dinitrotoluene	9.89	165	900860	70.342	nq	97
58) Fluorene	10.24	166	2213804	62.555	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	756063	68.944	nq	98
60) Diethylphthalate	10.13	149	2909435	66.933	nq	99
61) 4-Chlorophenyl-phenylether	10.23	204	1112319	58.859	nq	95
62) 4-Nitroaniline	10.27	138	917921	79.522	nq	99
63) Azobenzene	10.39	77	2536180	68.544	nq	97
65) 4,6-Dinitro-2-methylphenol	10.30	198	505527	83.165	nq	93
66) n-Nitrosodiphenylamine	10.36	169	2313139	65.372	nq	98
67) 4-Bromophenyl-phenylether	10.72	248	864139	65.020	nq	98
68) Hexachlorobenzene	10.79	284	943657	64.877	nq	95
69) Atrazine	10.89	200	796099	64.691	nq	98
70) Pentachlorophenol	10.98	266	581418	69.146	nq	99
71) Phenanthrene	11.20	178	3667631	65.653	nq	99
72) Anthracene	11.24	178	3754917	63.869	nq	97
73) Carbazole	11.40	167	3482047	69.091	nq	98
74) Di-n-butylphthalate	11.74	149	4142253	62.489	nq	97
75) Fluoranthene	12.37	202	3830052	65.873	nq	99
77) Benzidine	12.49	184	1838218	60.585	nq	# 93
78) Pyrene	12.60	202	3861773	72.633	nq	99
80) Butylbenzylphthalate	13.23	149	2001015	74.529	nq	99
81) Benzo(a)anthracene	13.78	228	3277407	69.394	nq	99
82) 3,3'-Dichlorobenzidine	13.75	252	1342997	70.127	nq	99
83) Chrysene	13.82	228	3422336	74.488	nq	98
84) Bis(2-ethylhexyl)phthalate	13.79	149	2163734	63.732	nq	# 98
85) Di-n-octyl phthalate	14.40	149	3987021	69.114	nq	99
86) Dibenzo(1,2,3-cd)pyrene	16.48	276	3182664	60.712	nq	99
88) Benzo(b)fluoranthene	14.79	252	3691675	74.229	nq	99
89) Benzo(k)fluoranthene	14.82	252	2852034	67.528	nq	99
90) Benzo(a)pyrene	15.12	252	3088732	71.754	nq	99
91) Dibenzo(a,h)anthracene	16.50	278	2517494	61.755	nq	99
92) Benzo(g,h,i)perylene	16.88	276	2561279	62.479	nq	98

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

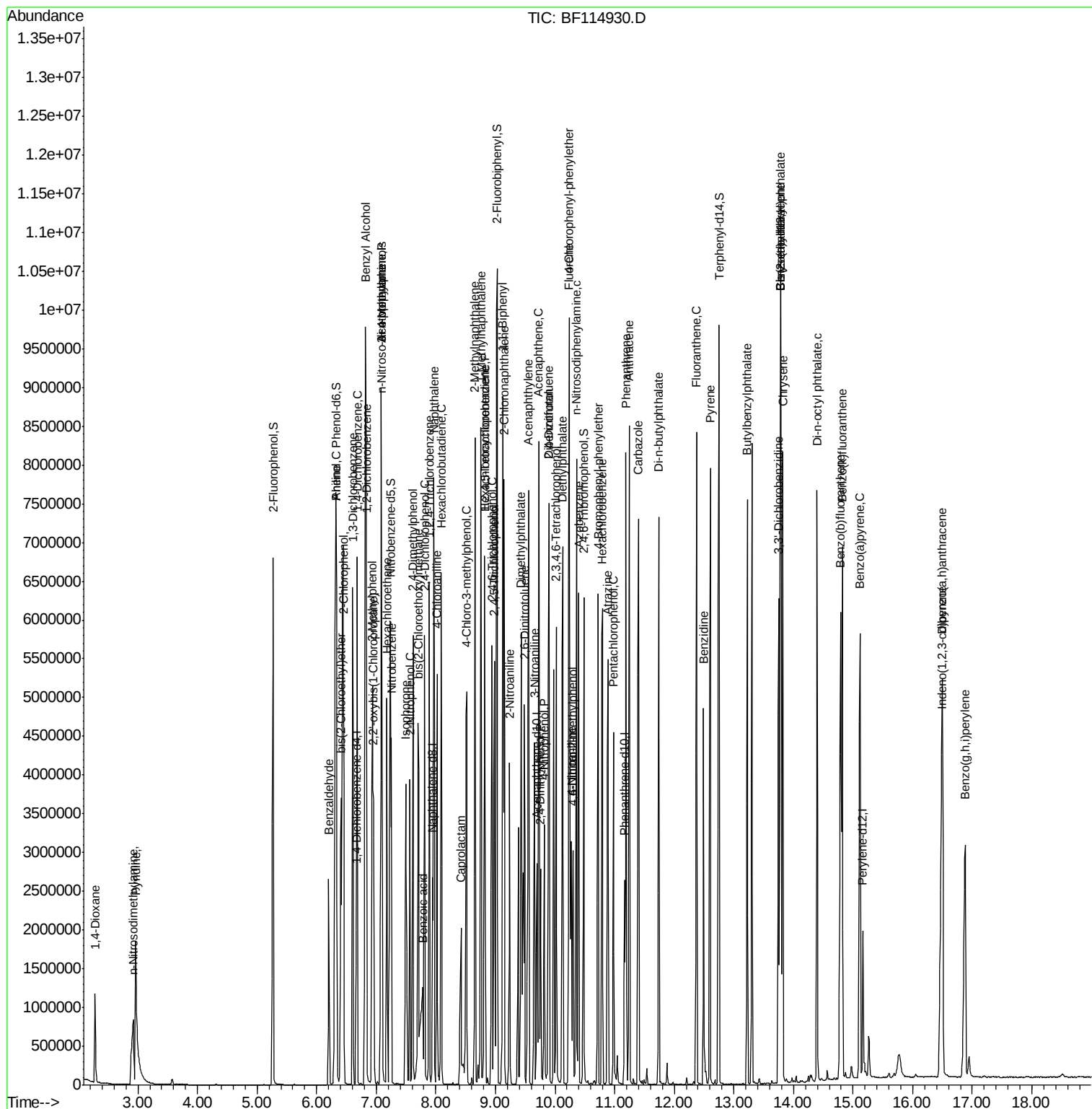
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061019\
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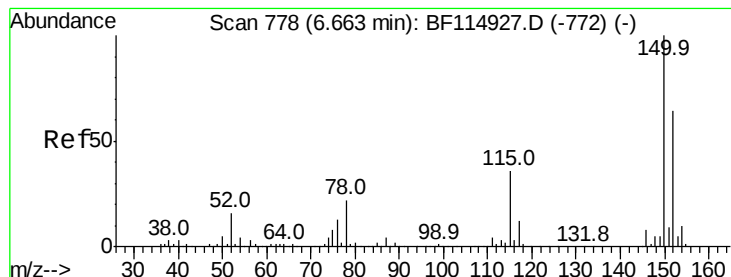
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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#1

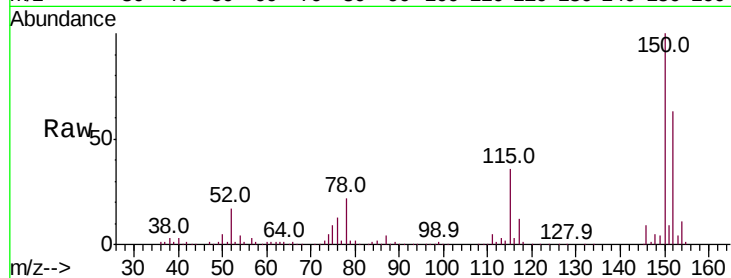
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.2	187.8
115	57.7	45.0	67.4

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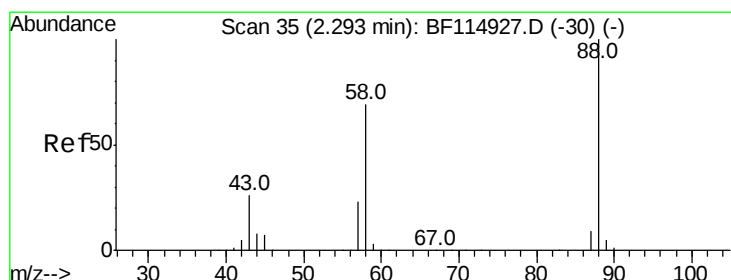
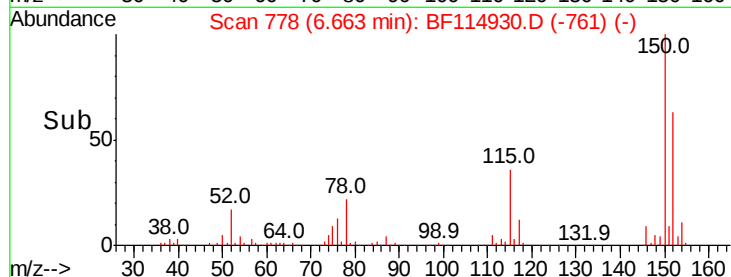
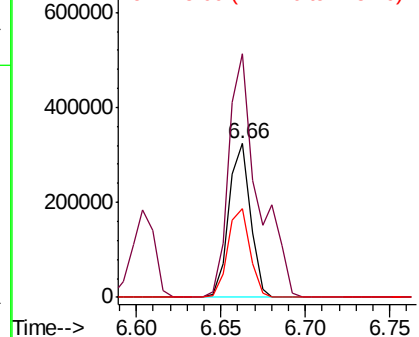


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

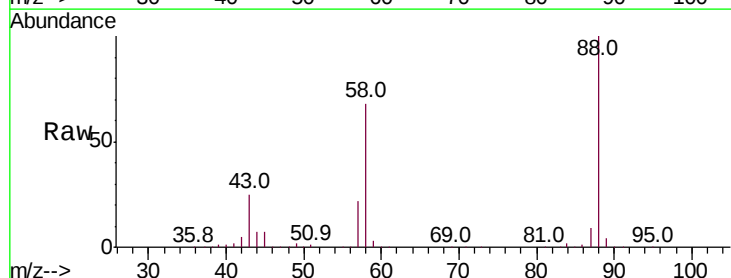
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 76.480 ng
RT: 2.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.7	54.2	81.2
43	24.9	20.6	30.8

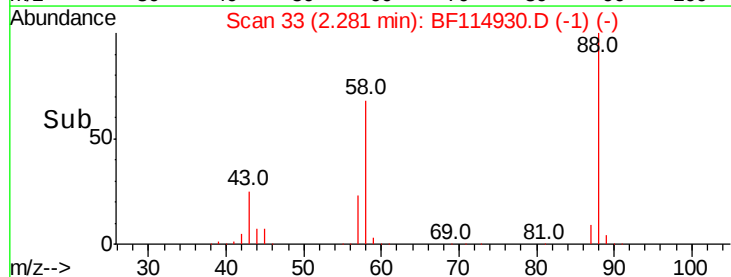
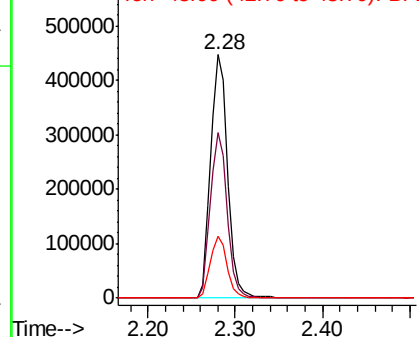


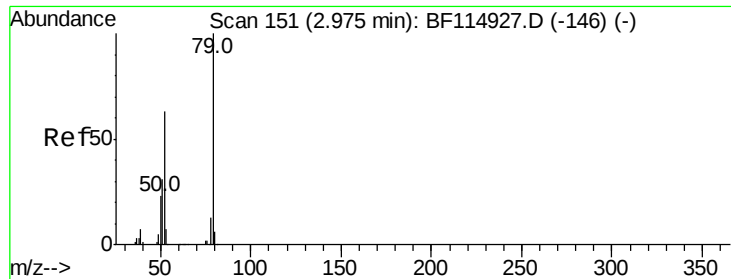
Abundance

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





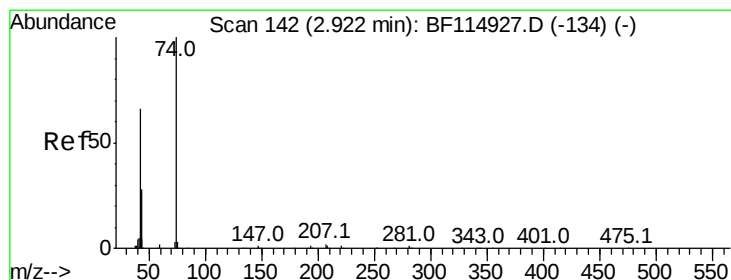
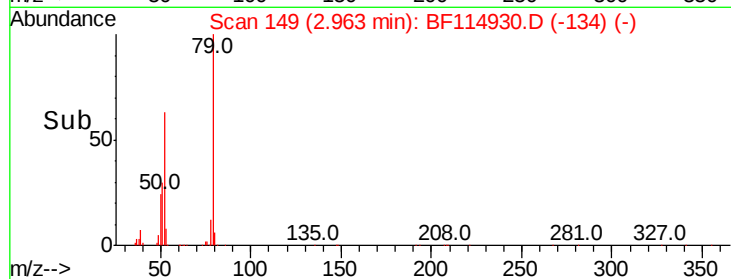
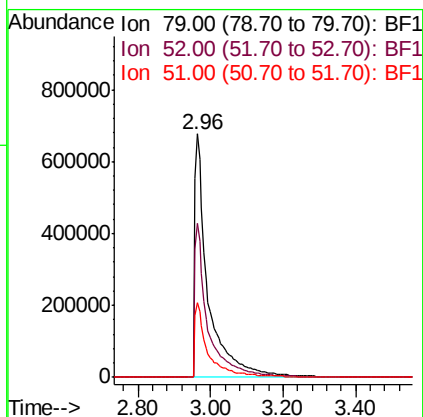
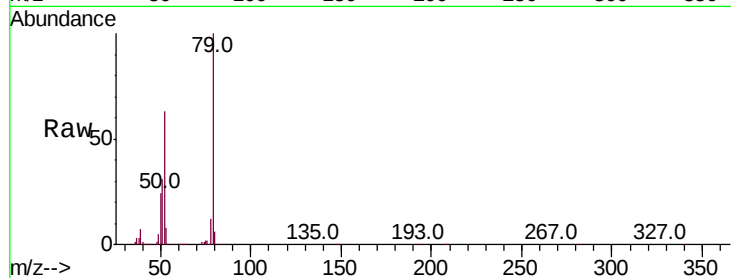
#3
Pvridine
Concen: 79.906 ng
RT: 2.96 min Scan# 149
Delta R.T. -0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion: 79 Resp: 1733288
Ion Ratio Lower Upper
79 100
52 63.3 50.2 75.2
51 30.5 24.6 37.0

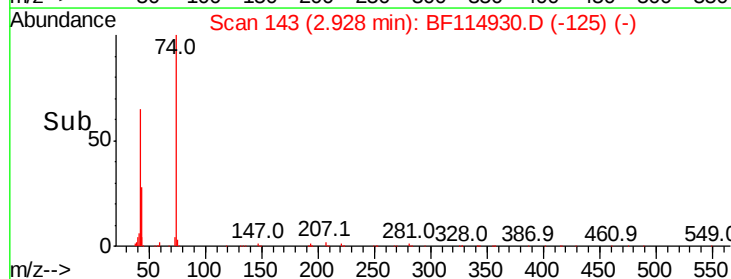
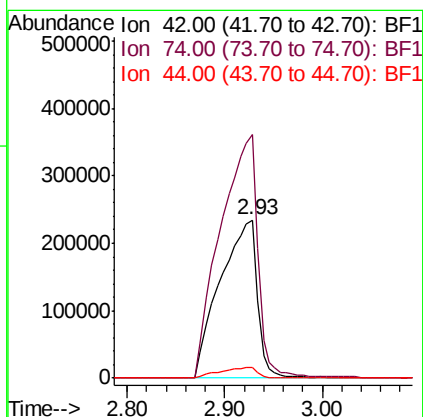
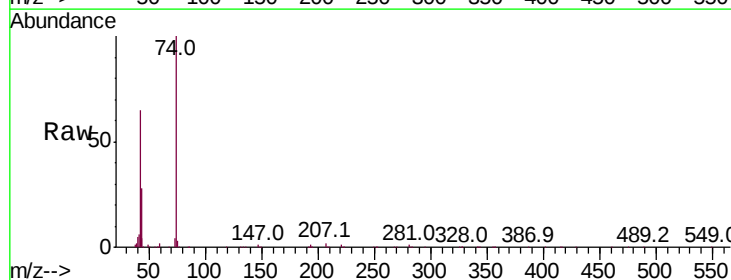
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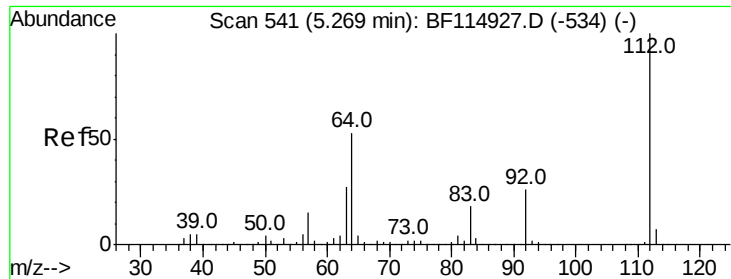
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#4
n-Nitrosodimethylamine
Concen: 78.239 ng
RT: 2.93 min Scan# 143
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion: 42 Resp: 621129
Ion Ratio Lower Upper
42 100
74 154.1 121.9 182.9
44 6.5 5.1 7.7





#5

2-Fluorophenol

Concen: 144.832 ng

RT: 5.27 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:112 Resp: 2394278

Ion Ratio Lower Upper

112 100

64 55.9 42.1 63.1

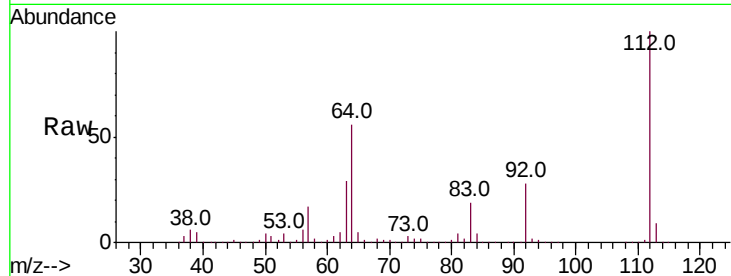
63 29.1 21.8 32.8

Manual Integrations

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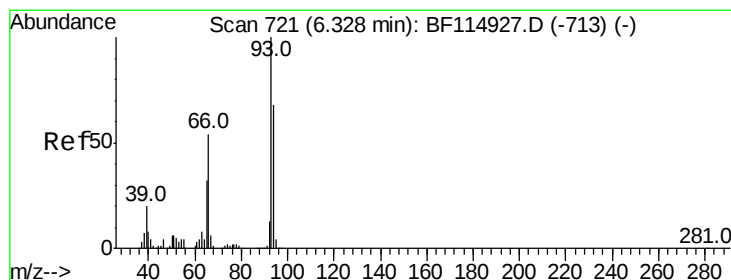
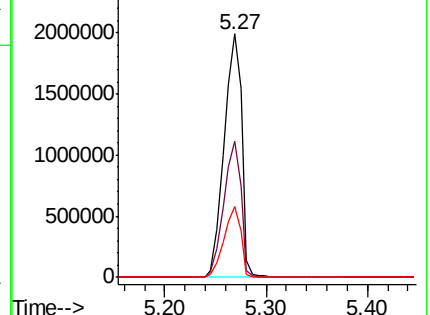
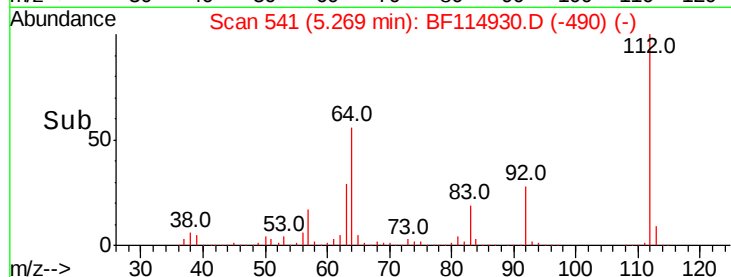
6/12/2019 9:13:20 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 66.975 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

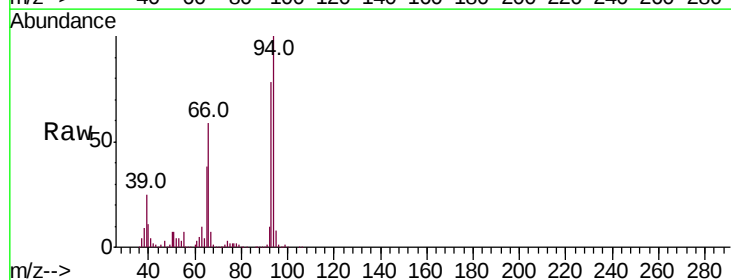
Tgt Ion: 93 Resp: 1911668

Ion Ratio Lower Upper

93 100

66 75.7 43.6 65.4#

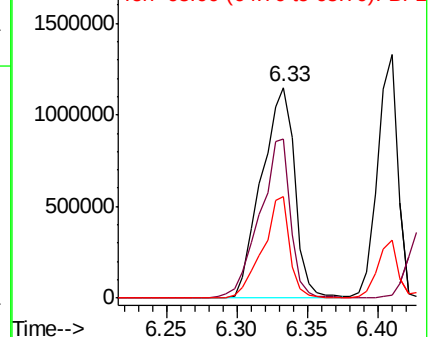
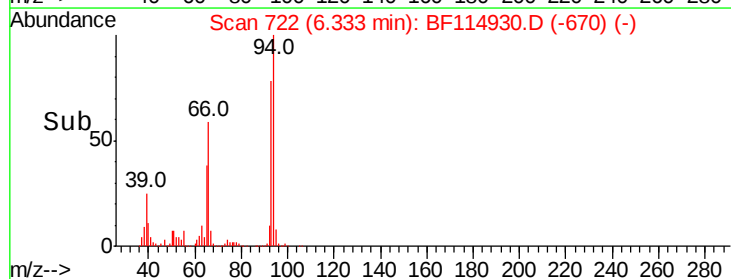
65 48.2 25.7 38.5#

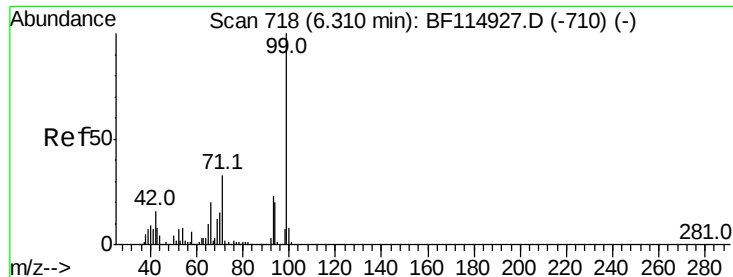


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 140.612 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 99 Resp: 2828480

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

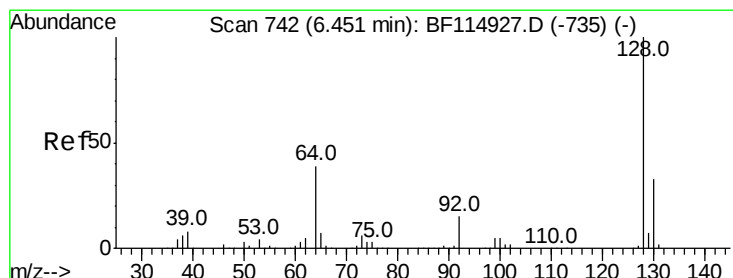
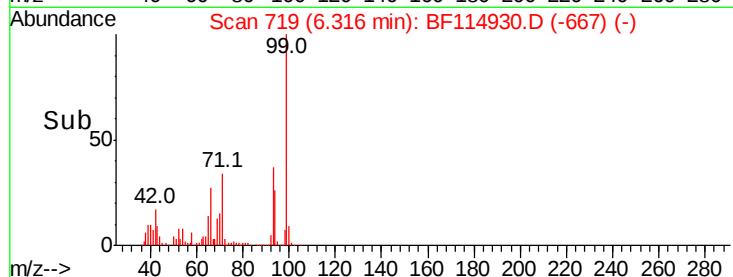
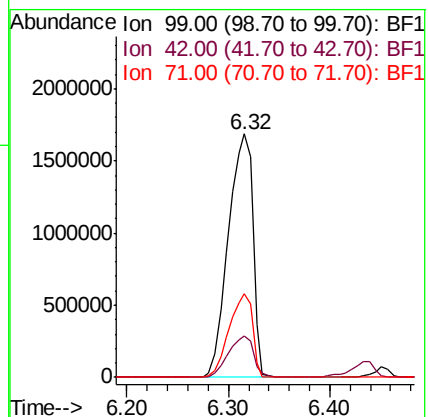
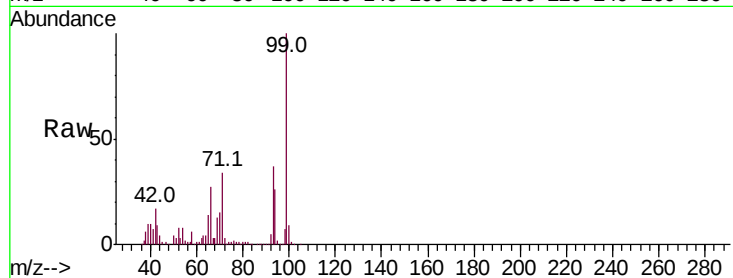
71 34.1 26.8 40.2

Manual Integrations

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#8

2-Chlorophenol

Concen: 71.397 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

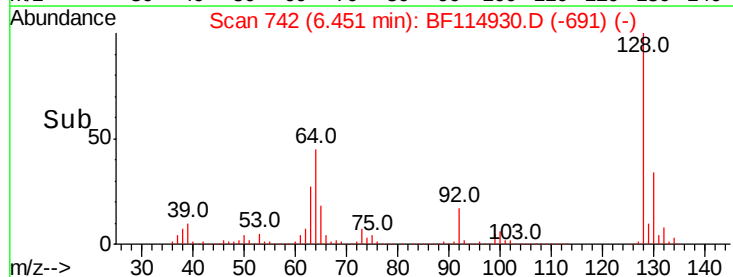
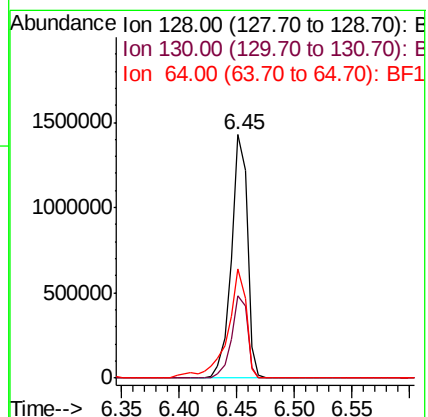
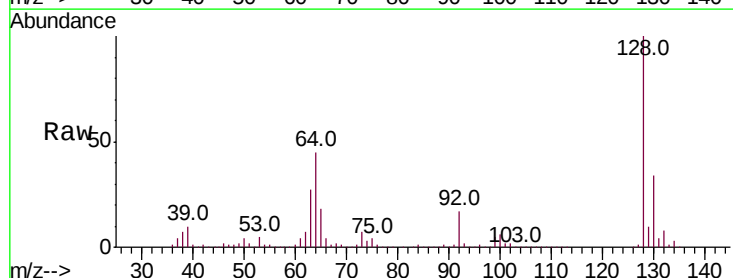
Tgt Ion:128 Resp: 1363720

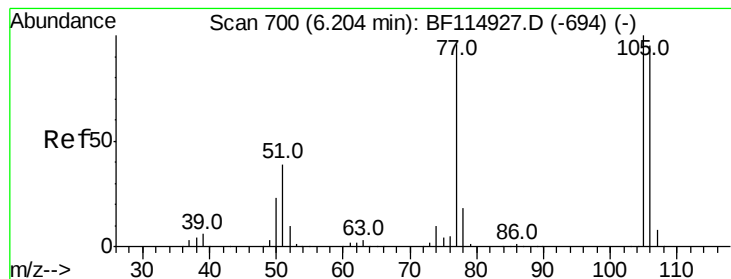
Ion Ratio Lower Upper

128 100

130 33.7 13.3 53.3

64 44.6 19.5 59.5





#9

Benzaldehyde

Concen: 51.004 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

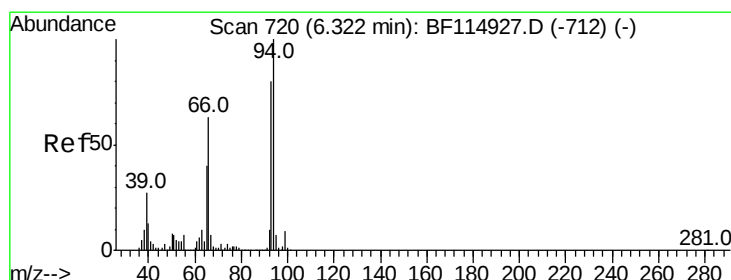
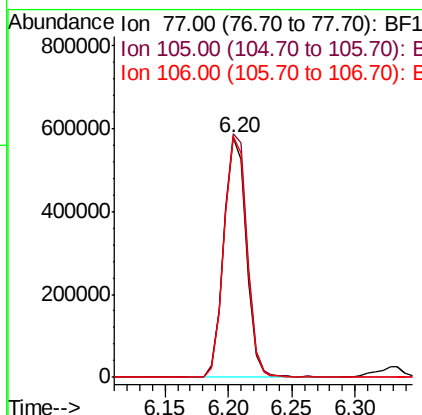
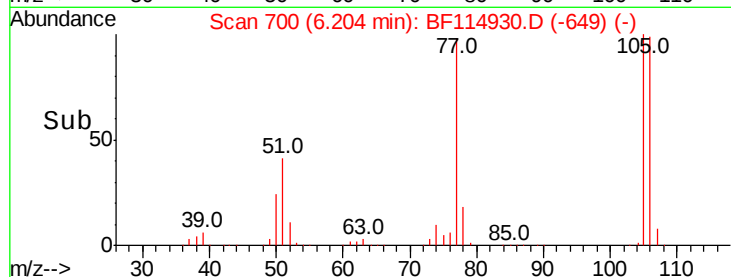
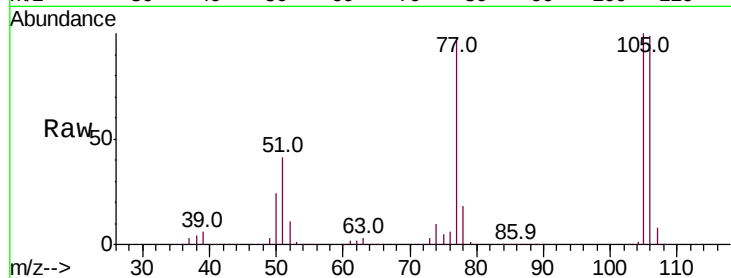
ClientSampleId :

SSTDICC080

Tot Ion:	77	Resp:	711670
Ion	Ratio	Lower	Upper
77	100		
105	101.6	84.5	124.5
106	100.8	79.2	119.2

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#10

Phenol

Concen: 69.716 ng

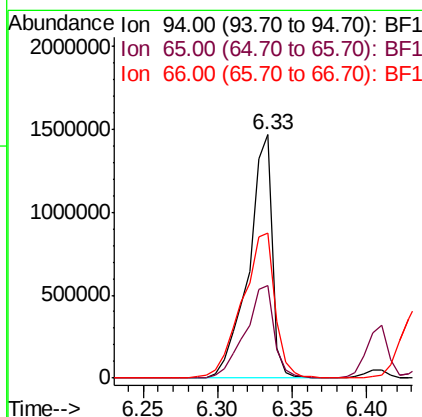
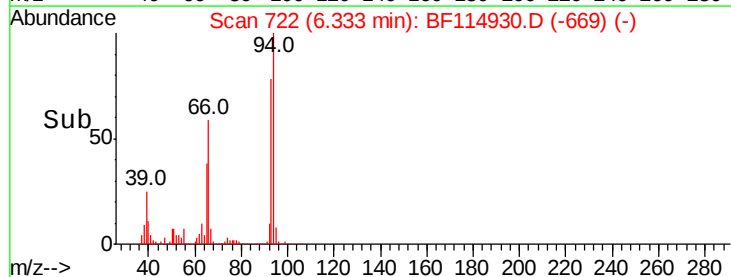
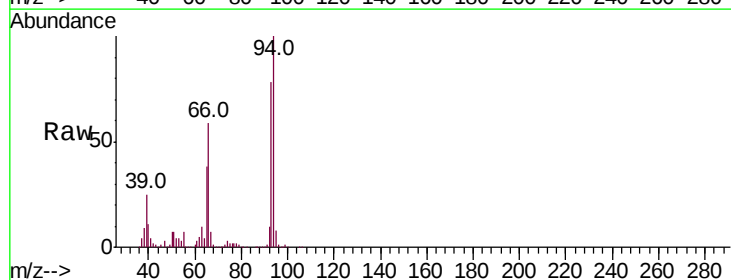
RT: 6.33 min Scan# 722

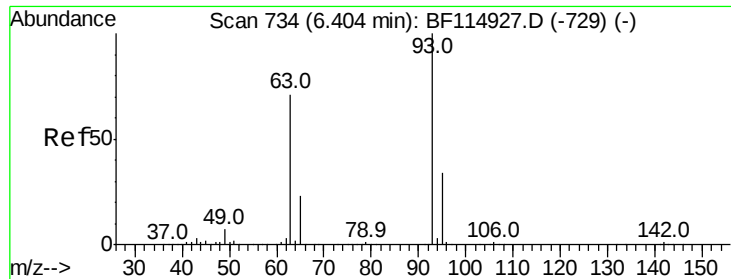
Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Tgt Ion:	94	Resp:	1603691
Ion	Ratio	Lower	Upper
94	100		
65	37.8	19.6	59.6
66	59.4	42.6	82.6





#11

bis(2-Chloroethyl)ether

Concen: 73.284 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 93 Resp: 1315636

Ion Ratio Lower Upper

93 100

63 71.9 50.5 90.5

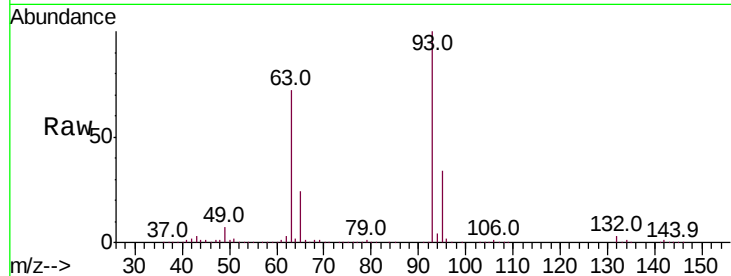
95 34.1 13.6 53.6

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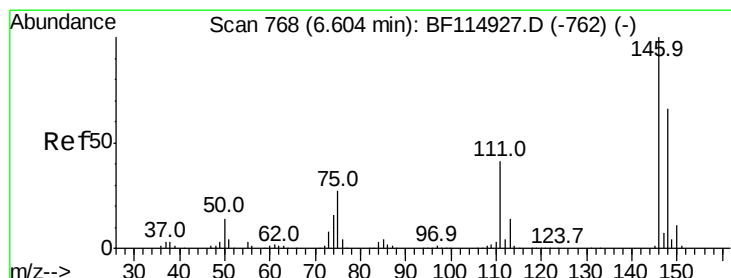
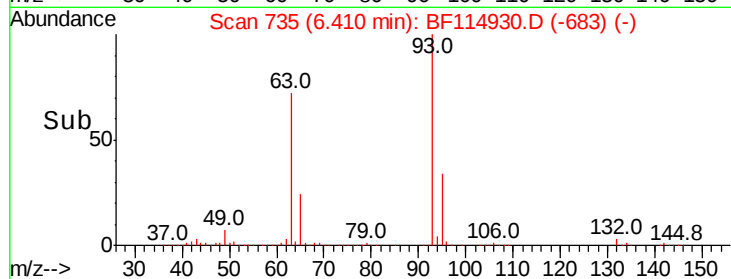
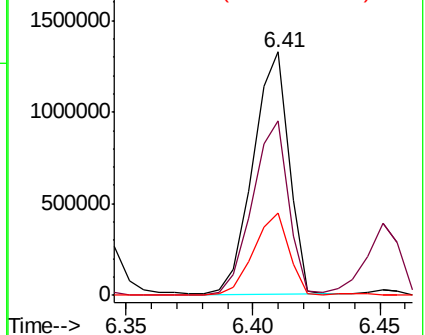
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Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 71.287 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

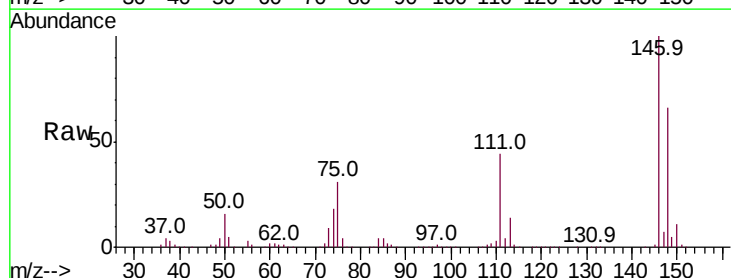
Tgt Ion: 146 Resp: 1586628

Ion Ratio Lower Upper

146 100

148 66.0 52.6 78.8

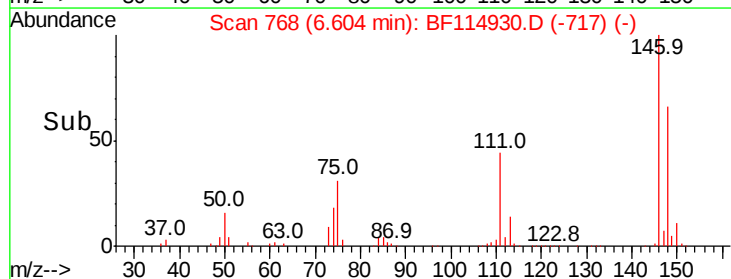
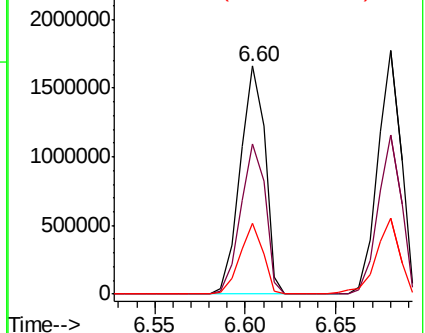
75 30.9 21.9 32.9

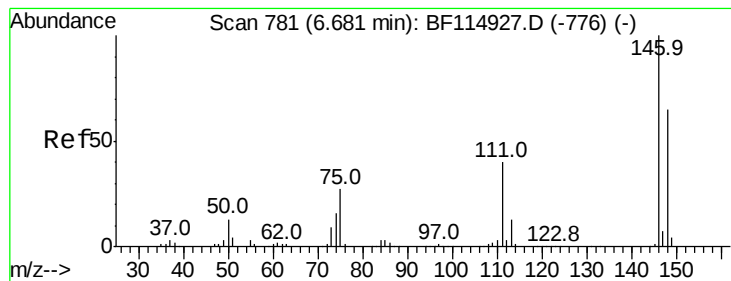


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 70.577 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:146 Resp: 1580592

Ion Ratio Lower Upper

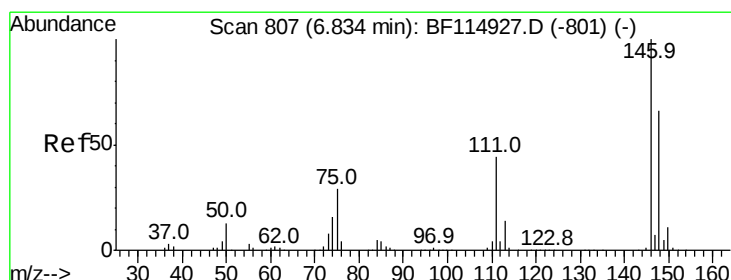
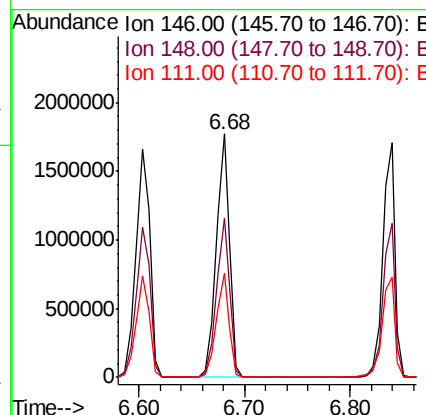
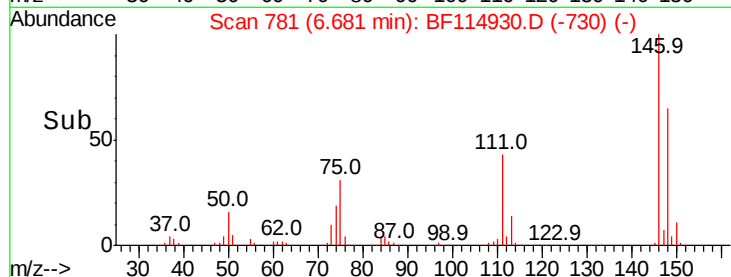
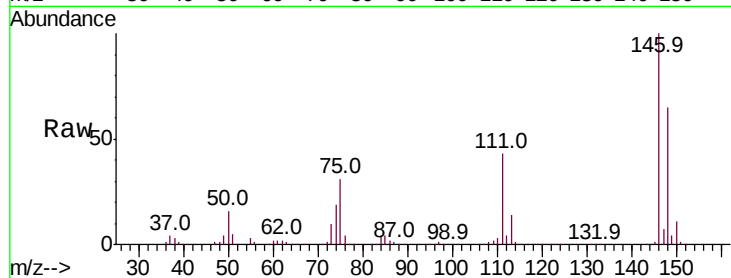
146 100

148 65.5 52.3 78.5

111 42.8 31.8 47.8

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#14

1,2-Dichlorobenzene

Concen: 68.213 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

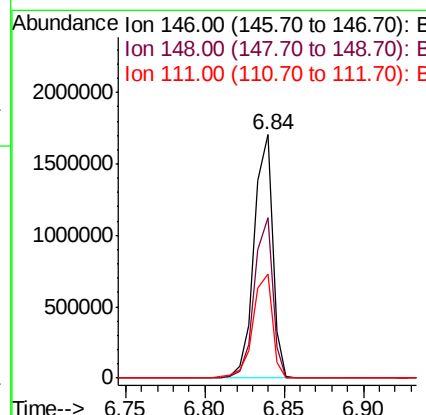
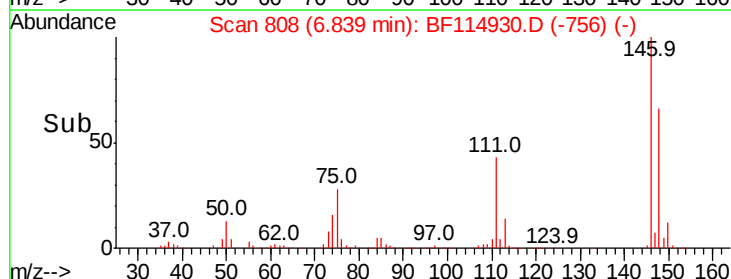
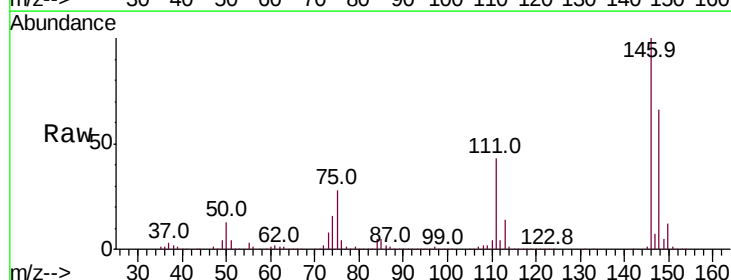
Tgt Ion:146 Resp: 1379665

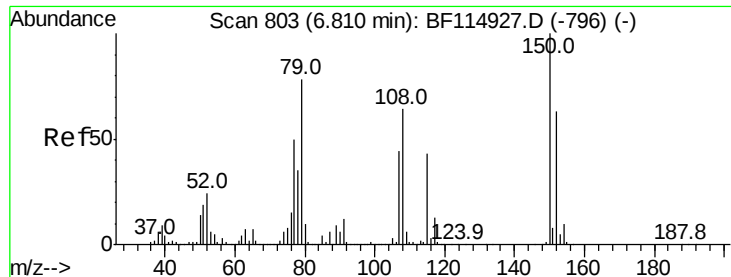
Ion Ratio Lower Upper

146 100

148 65.8 52.7 79.1

111 42.9 35.4 53.2





#15

Benzyl Alcohol

Concen: 66.701 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 1014644

Ion Ratio Lower Upper

79 100

108 82.3 65.5 98.3

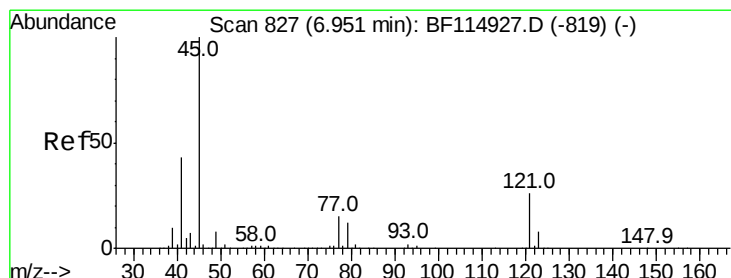
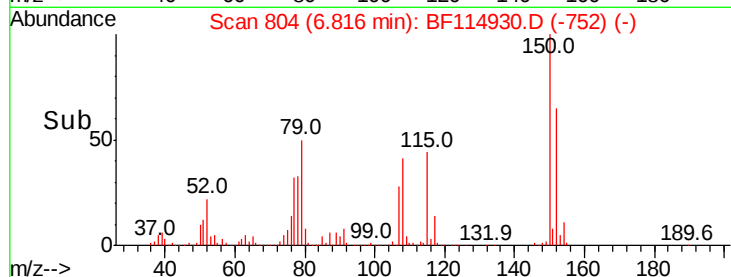
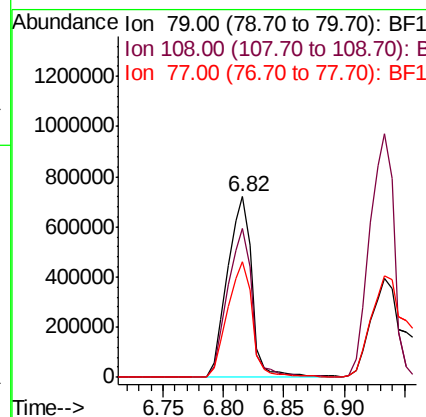
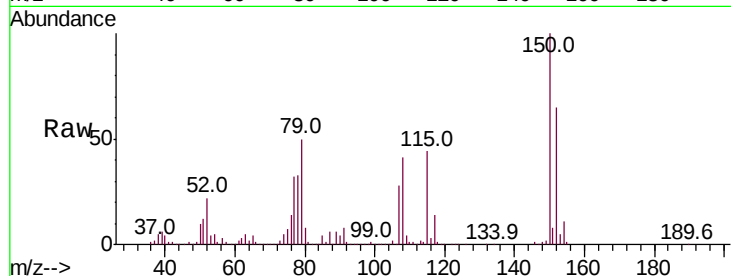
77 63.9 51.3 76.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 68.904 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

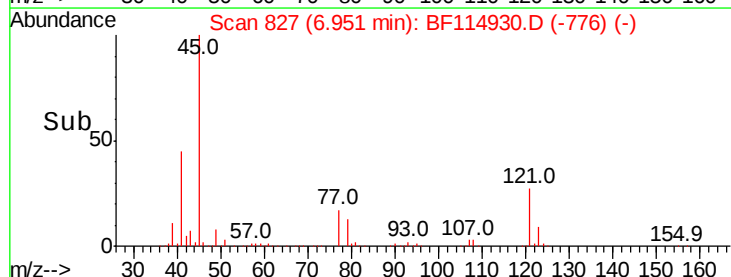
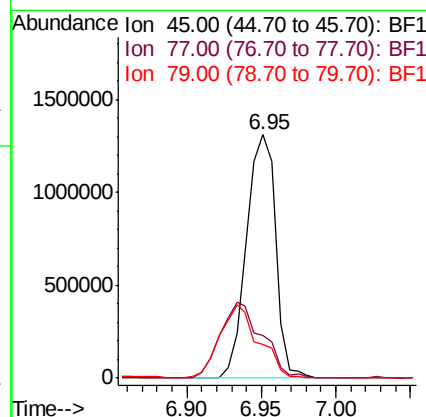
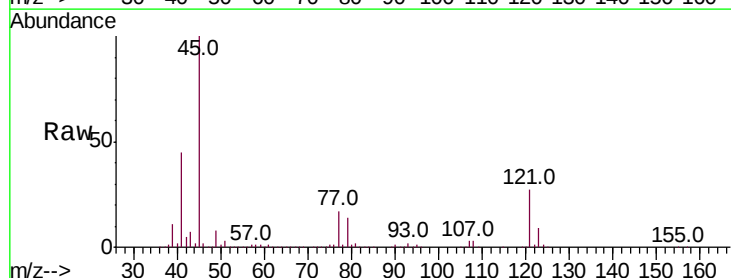
Tgt Ion: 45 Resp: 1769169

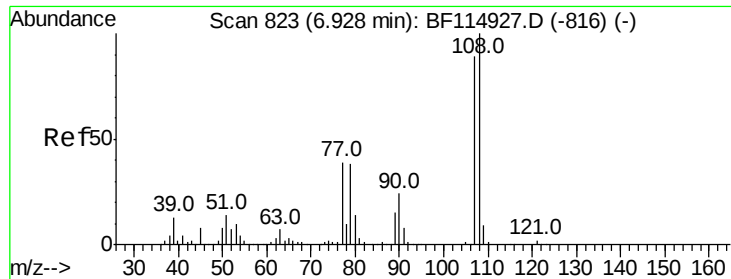
Ion Ratio Lower Upper

45 100

77 17.4 0.0 36.2

79 13.7 0.0 32.7





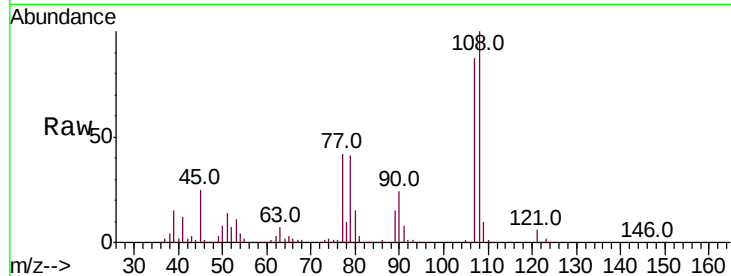
#17
2-Methylphenol
Concen: 72.429 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

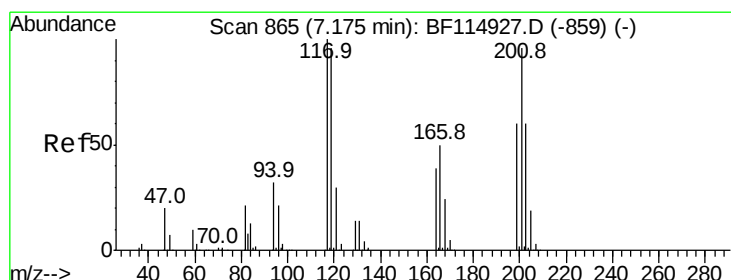
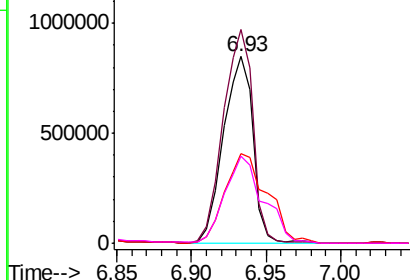
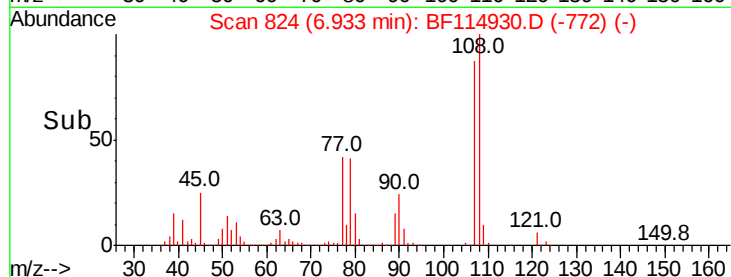
Tot Ion:	107	Resp:	1182524
Ion	Ratio	Lower	Upper
107	100		
108	114.4	90.2	135.2
77	47.8	35.4	53.0
79	46.4	34.6	52.0

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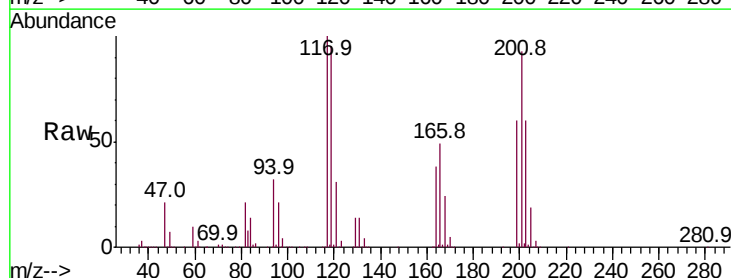


Abundance Ion 107.00 (106.70 to 107.70): E
1500000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

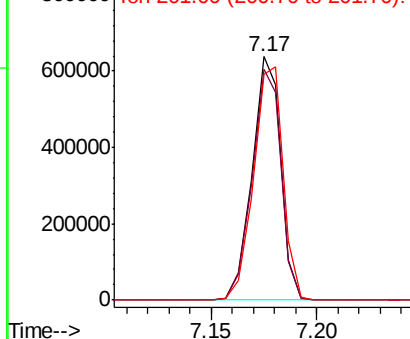
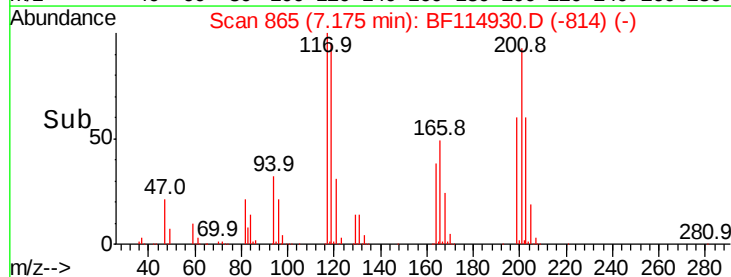


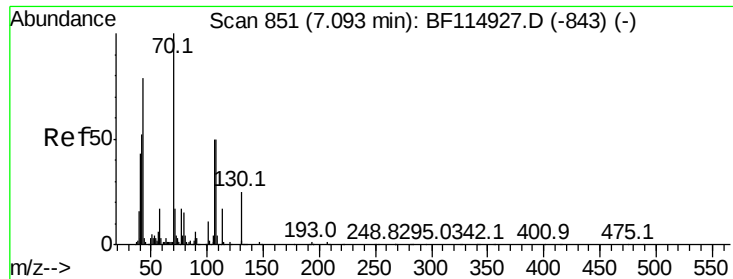
#18
Hexachloroethane
Concen: 71.156 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion:	117	Resp:	599809
Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.6	114.8
201	92.9	77.0	115.6



Abundance Ion 117.00 (116.70 to 117.70): E
800000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





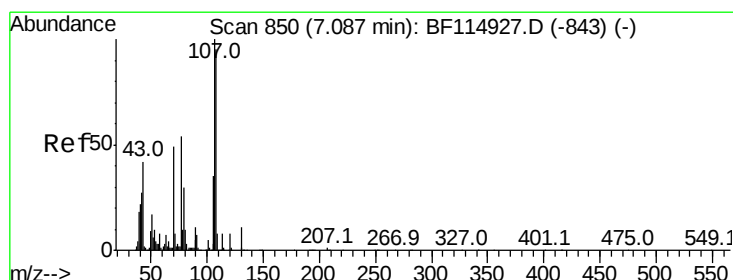
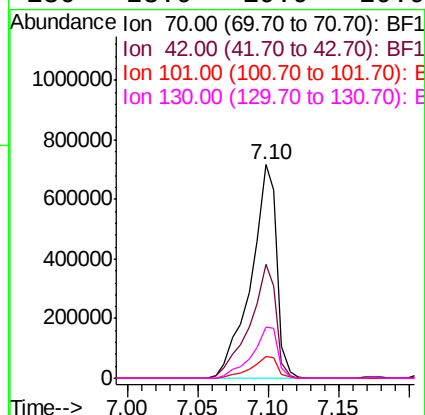
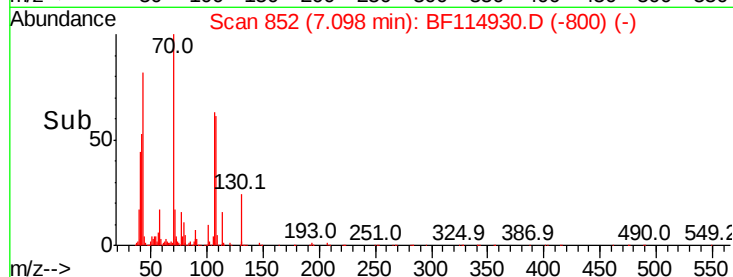
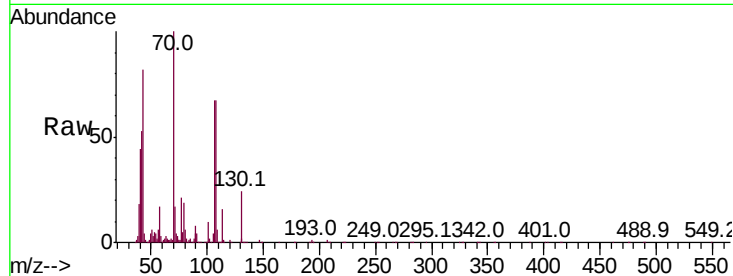
#19
n-Nitroso-di-n-propylamine
Concen: 68.955 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampled :
SSTDICC080

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.1	41.7	62.5	
101	10.4	8.4	12.6	
130	23.9	19.9	29.9	

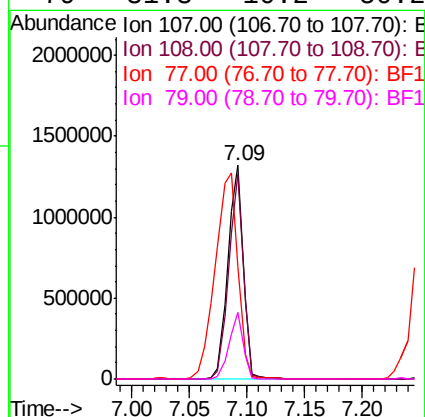
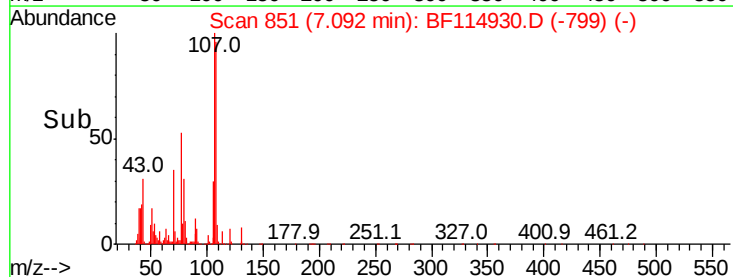
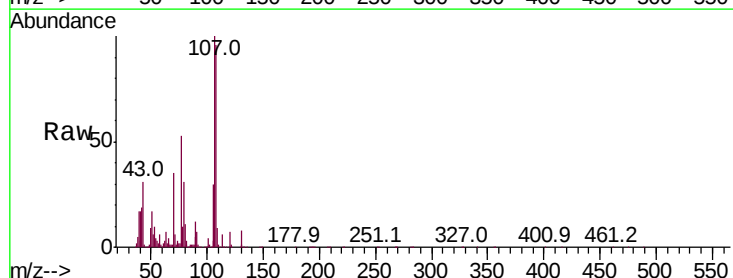
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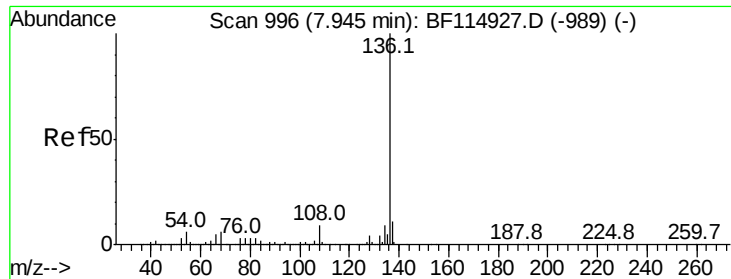
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#20
3+4-Methylphenols
Concen: 67.254 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.6	74.7	114.7	
77	52.7	33.7	73.7	
79	31.3	10.2	50.2	





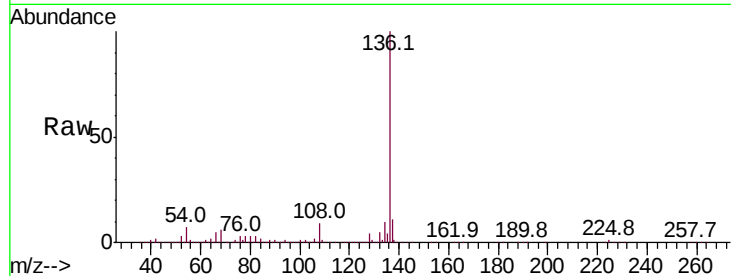
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	6.7	5.2	7.8
68	5.9	4.6	7.0

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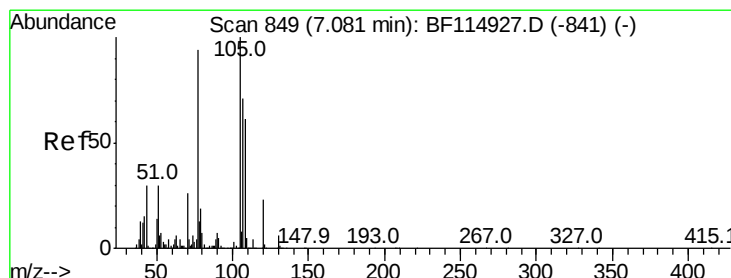
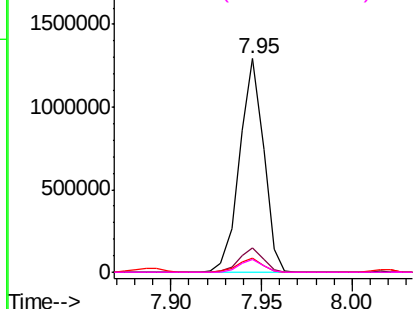
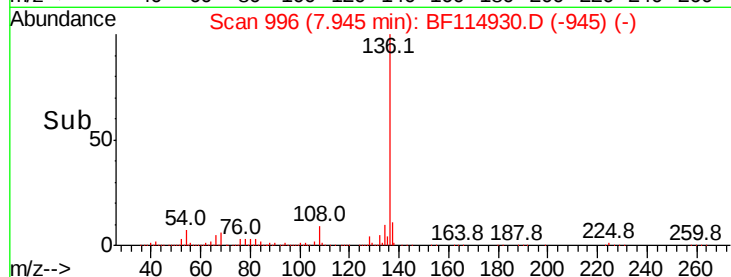
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

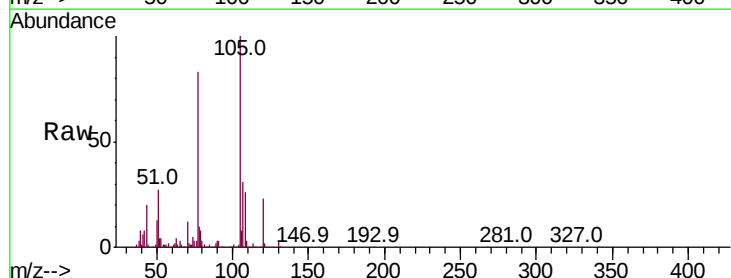
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 70.569 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.0	3.4	5.2#
51	27.0	24.0	36.0
120	23.2	18.8	28.2



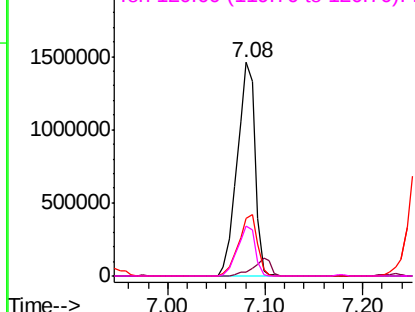
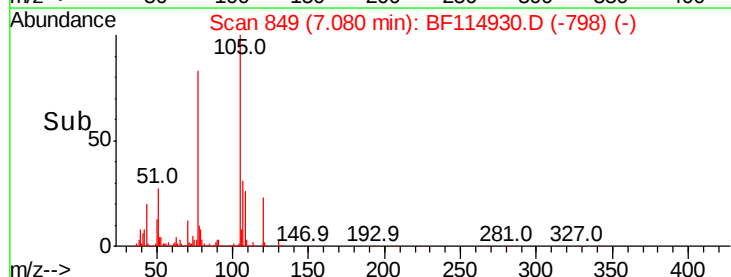
Abundance

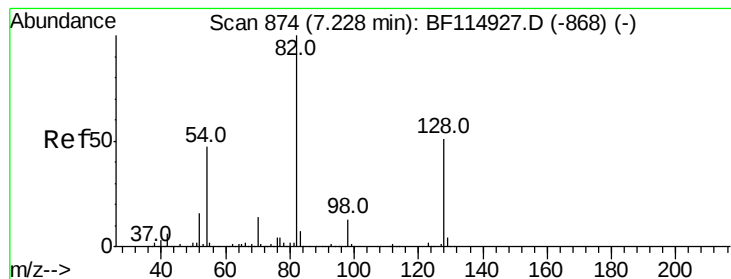
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 141.840 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 2746966

Ion Ratio Lower Upper

82 100

128 51.7 40.9 61.3

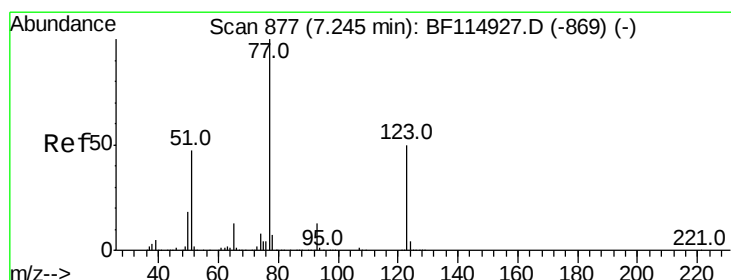
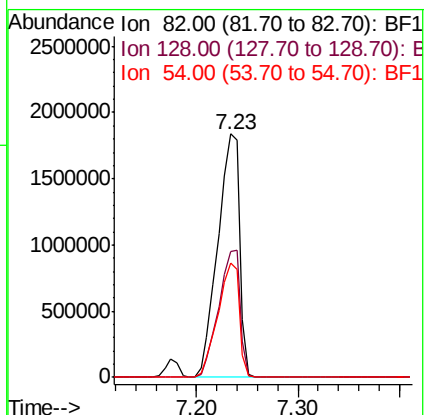
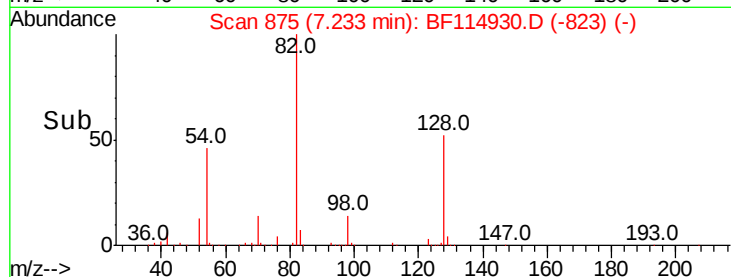
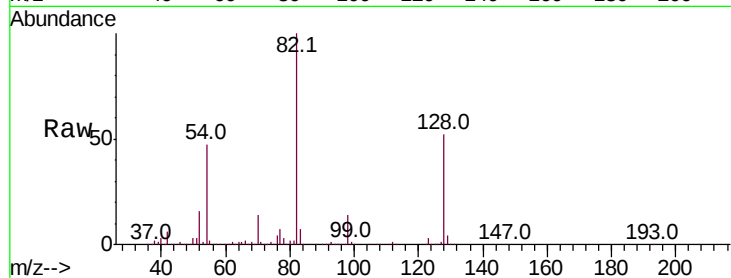
54 47.2 37.4 56.0

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#24

Nitrobenzene

Concen: 71.878 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

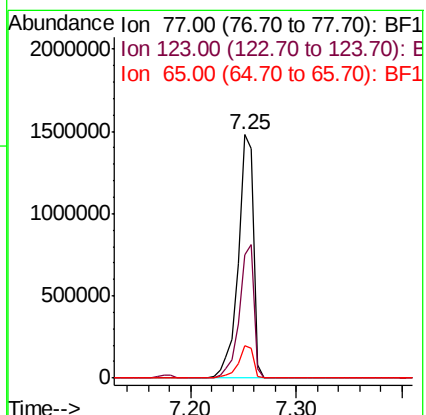
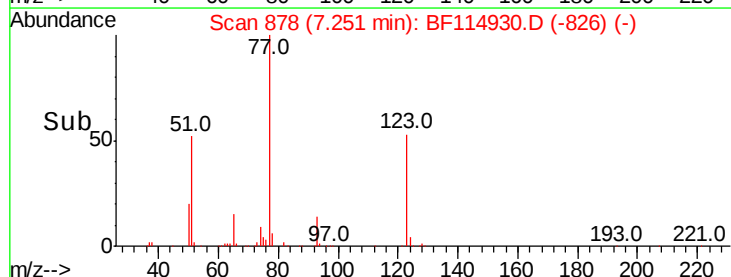
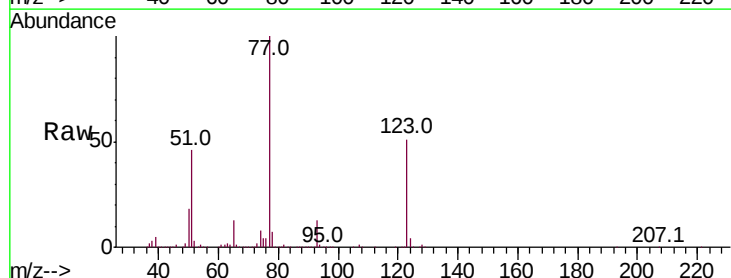
Tgt Ion: 77 Resp: 1442102

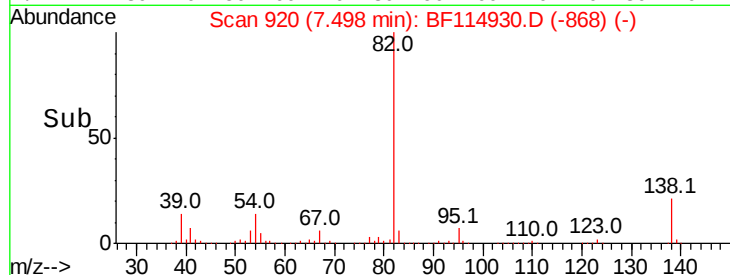
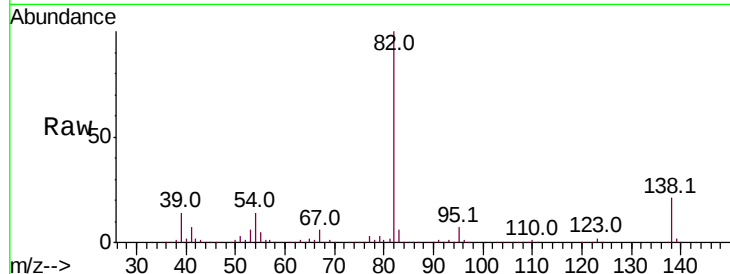
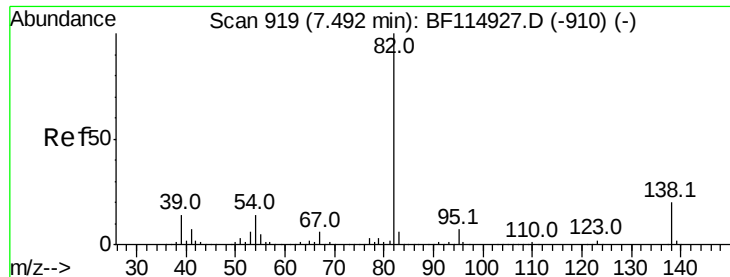
Ion Ratio Lower Upper

77 100

123 50.9 39.8 59.6

65 13.3 10.7 16.1





#25

Isophorone

Concen: 71.608 ng

RT: 7.50 min Scan# 920

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Tot Ion: 82 Resp: 2741653

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

138 20.5 16.4 24.6

Instrument :

BNA_F

ClientSampleId :

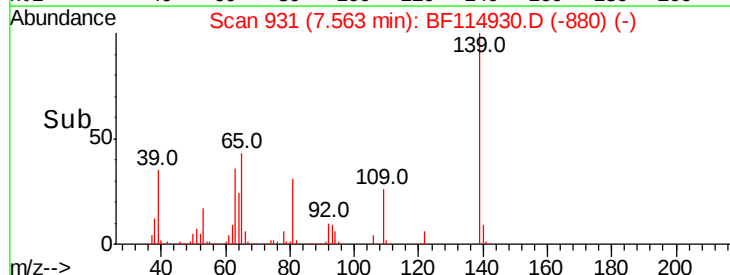
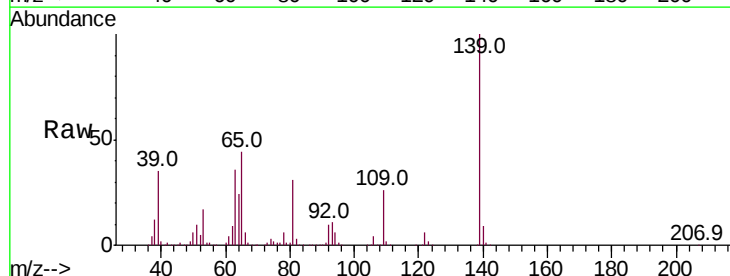
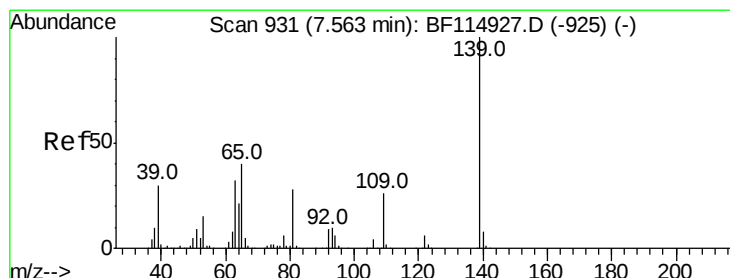
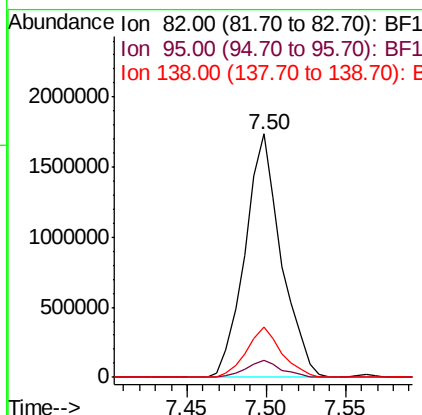
SSTDIC080

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#26

2-Nitrophenol

Concen: 75.323 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

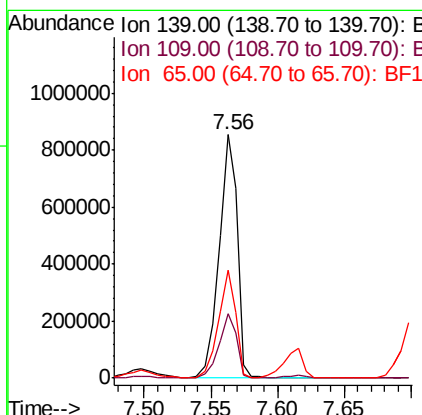
Tgt Ion:139 Resp: 818491

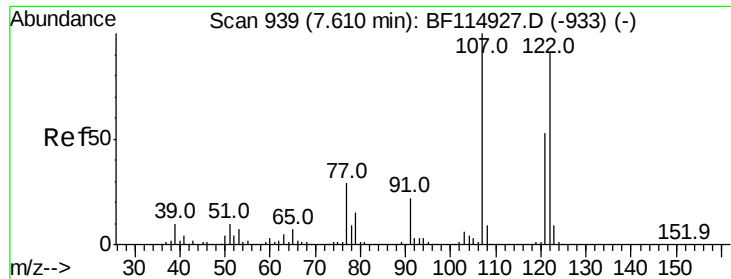
Ion Ratio Lower Upper

139 100

109 26.4 20.6 30.8

65 44.5 32.2 48.2





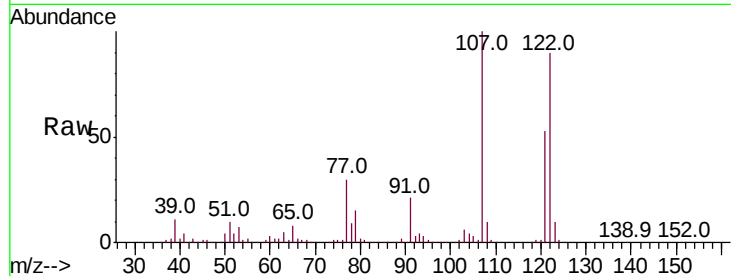
#27
2,4-Dimethylphenol
Concen: 70.204 ng
RT: 7.62 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

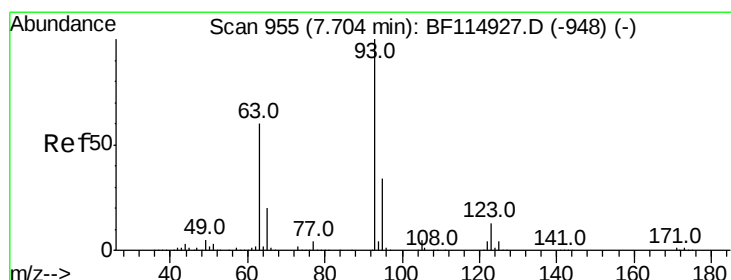
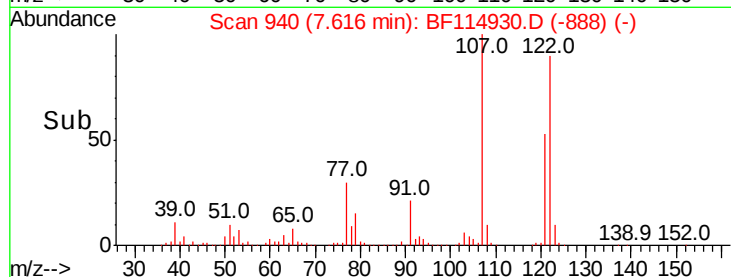
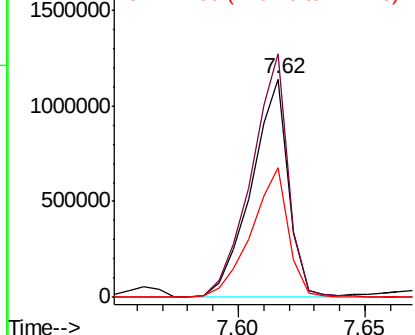
Tot Ion:122 Resp: 1159495
Ion Ratio Lower Upper
122 100
107 111.6 88.0 132.0
121 59.4 47.0 70.6

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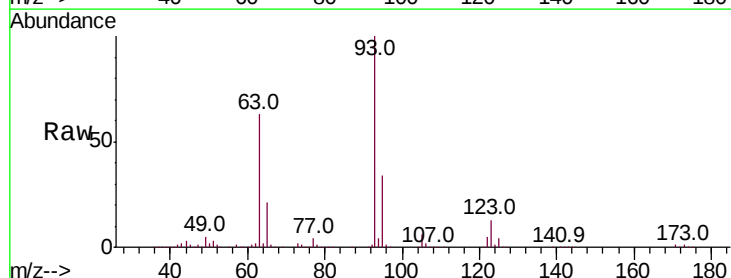


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

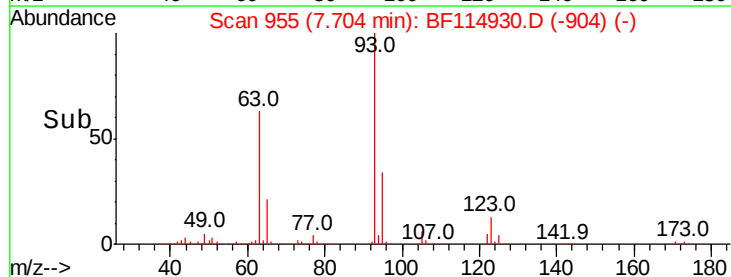
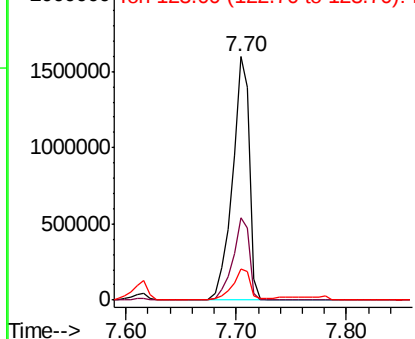


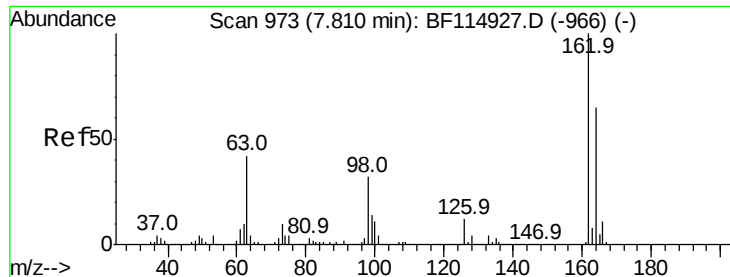
#28
bis(2-Chloroethoxy)methane
Concen: 69.801 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion: 93 Resp: 1708324
Ion Ratio Lower Upper
93 100
95 33.9 27.0 40.4
123 12.7 10.3 15.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 69.793 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:162 Resp: 1212740

Ion Ratio Lower Upper

162 100

164 65.6 45.4 85.4

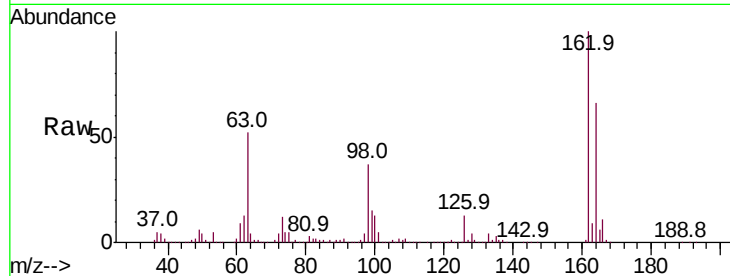
98 37.3 12.5 52.5

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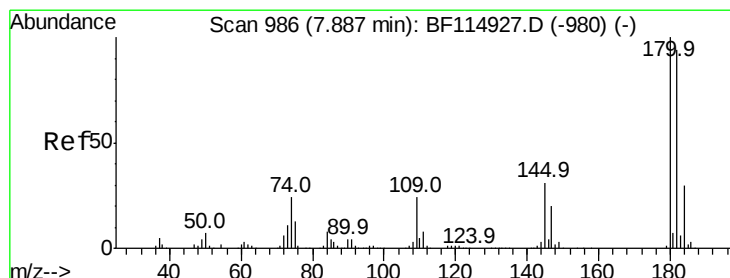
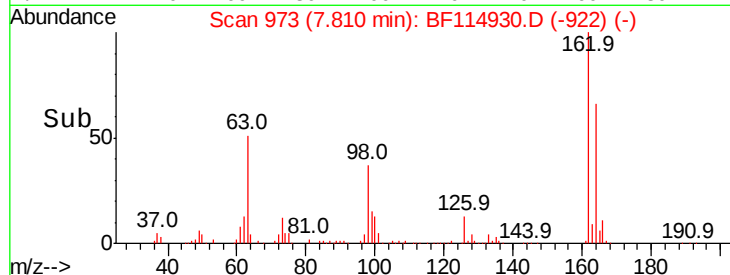
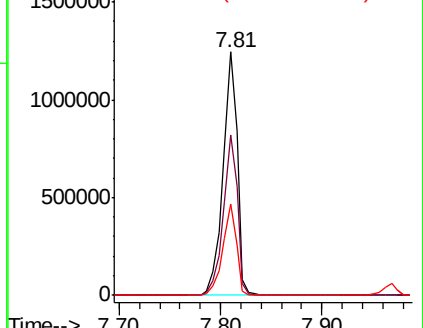
6/12/2019 9:13:20 AM



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 68.386 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

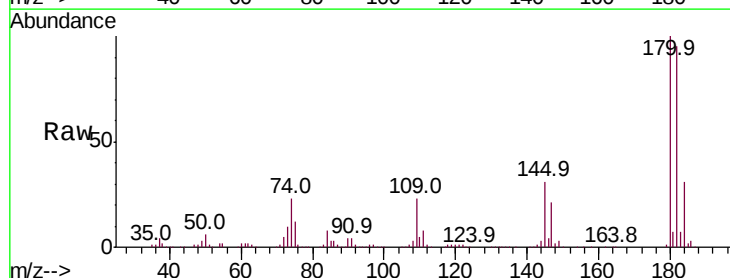
Tgt Ion:180 Resp: 1363470

Ion Ratio Lower Upper

180 100

182 95.0 75.0 112.6

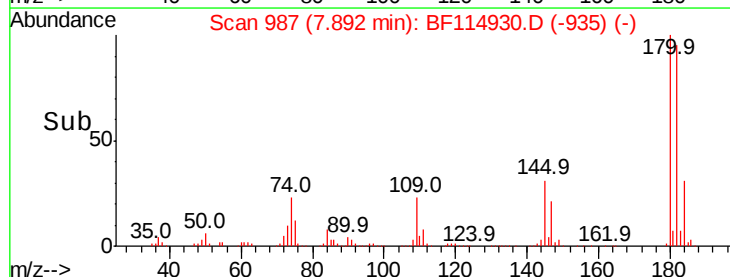
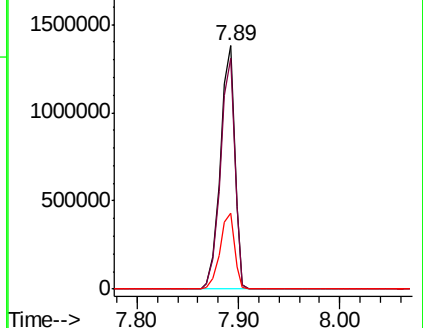
145 31.3 25.1 37.7

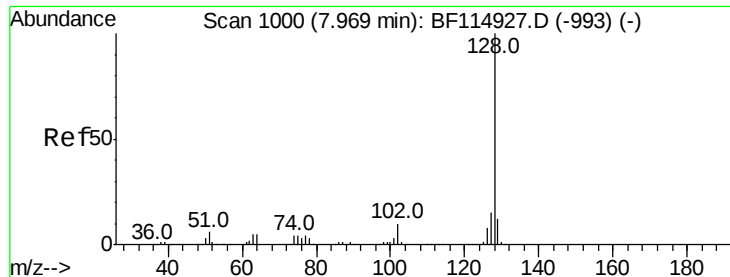


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





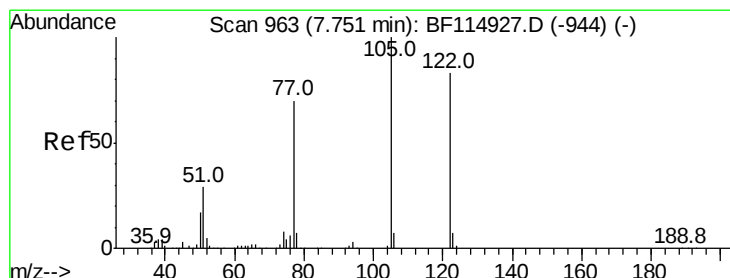
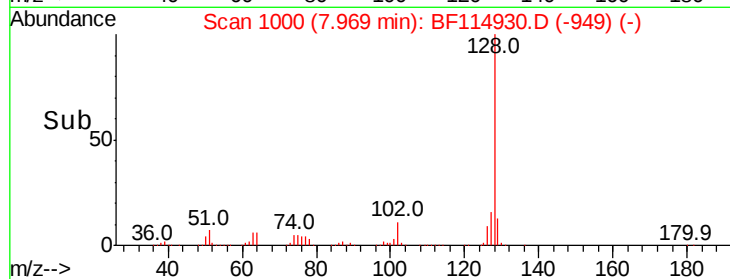
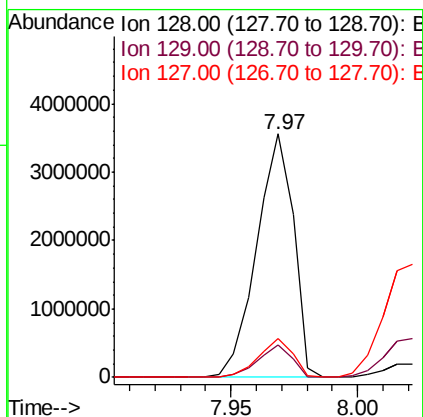
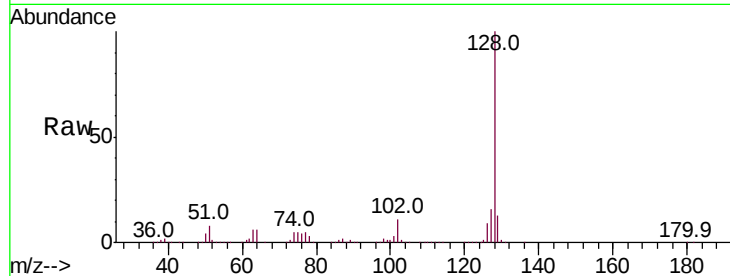
#31
Naphthalene
Concen: 67.636 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.8	14.8
127	15.8	11.8	17.6

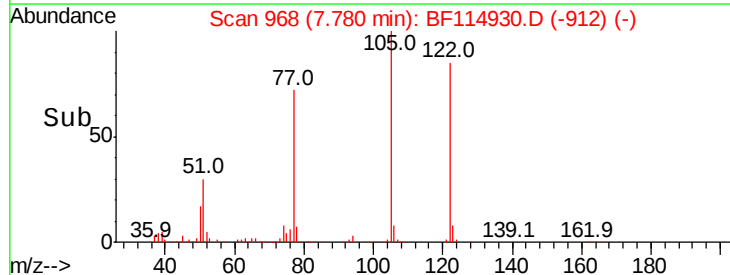
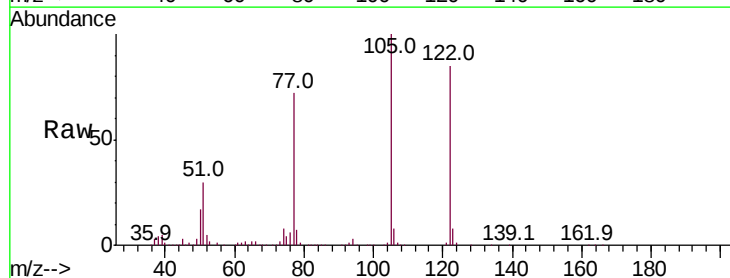
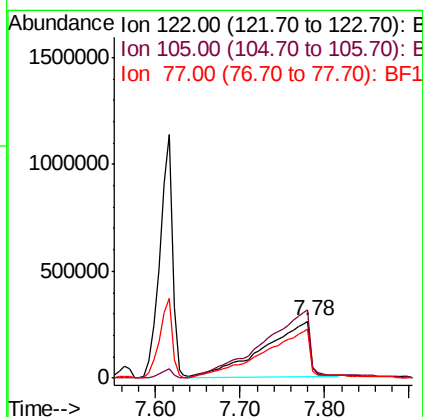
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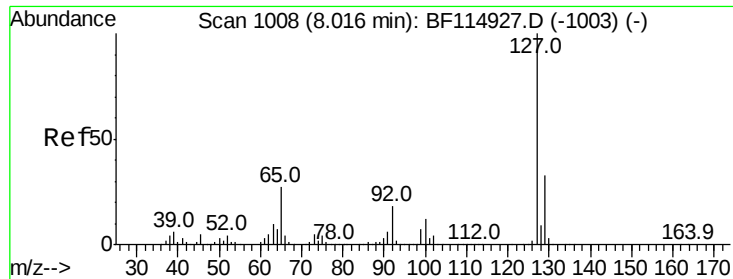
mohammad
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#32
Benzoic acid
Concen: 81.816 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.03 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.1	97.7	137.7
77	84.9	63.0	103.0





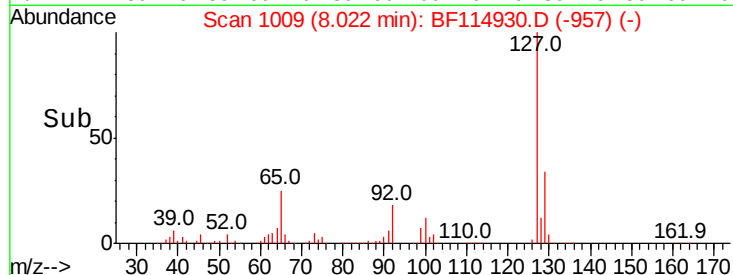
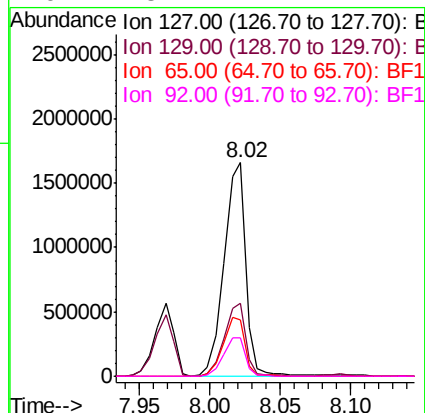
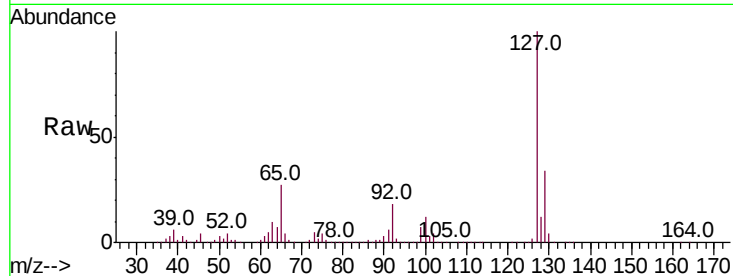
#33
4-Chloroaniline
Concen: 69.308 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.1	26.6	40.0
65	26.6	21.5	32.3
92	18.2	14.7	22.1

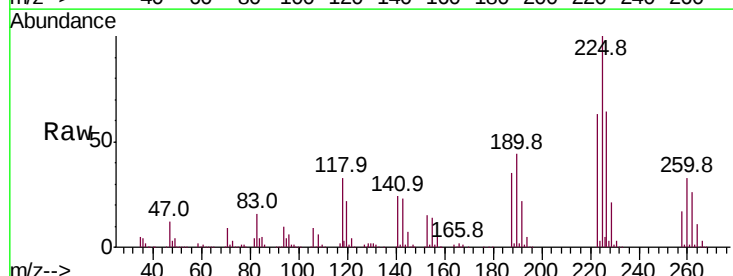
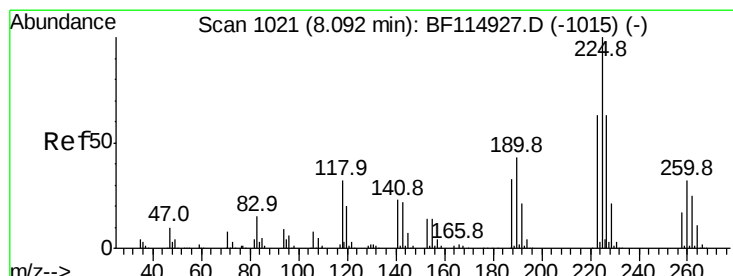
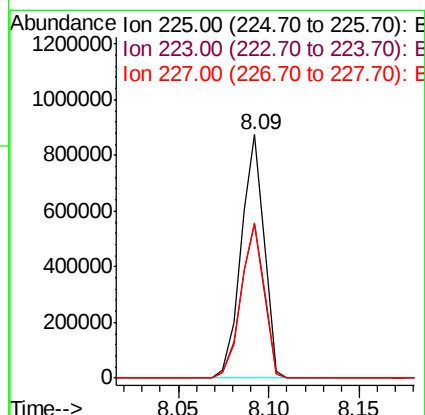
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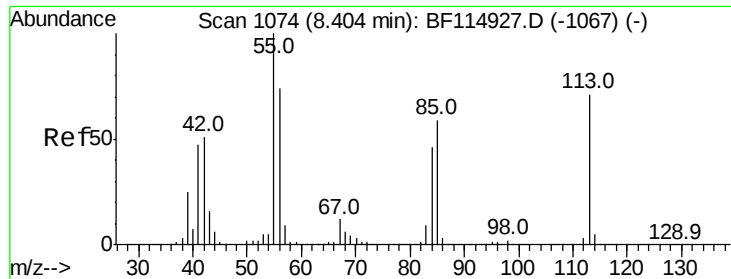
mohammad
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#34
Hexachlorobutadiene
Concen: 67.429 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	75.8
227	63.8	50.6	75.8





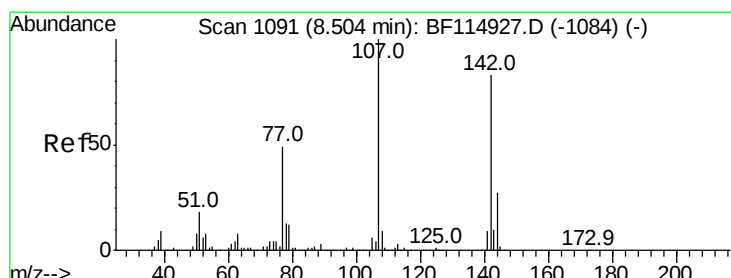
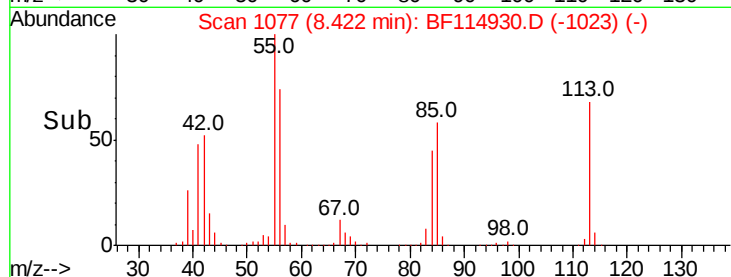
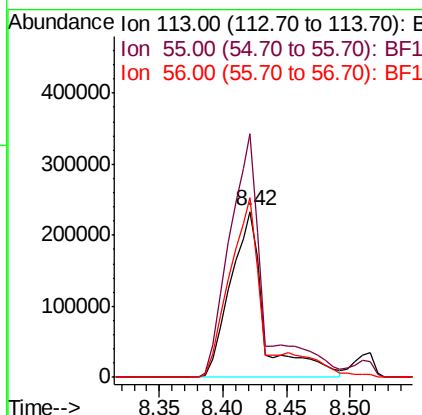
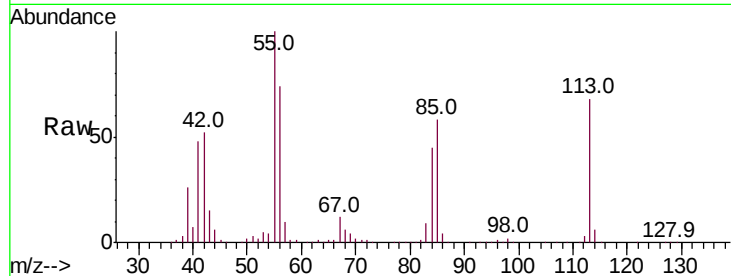
#35
Caprolactam
Concen: 77.406 ng/ml
RT: 8.42 min Scan# 1077
Delta R.T. 0.02 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	146.7	120.9	160.9	
56	108.4	84.3	124.3	

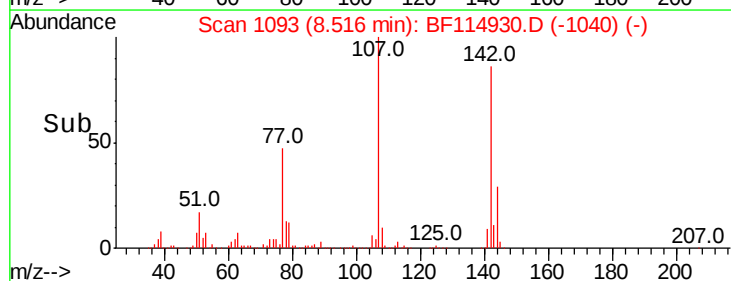
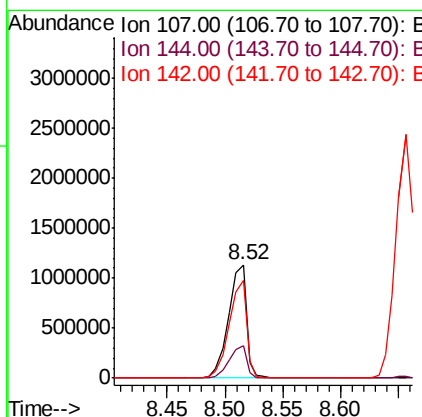
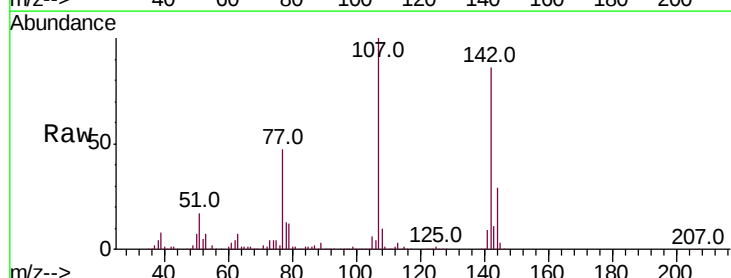
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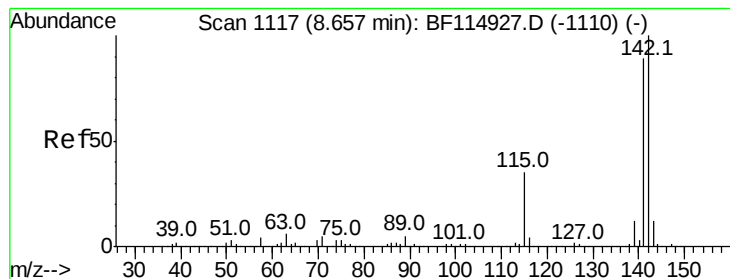
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 71.237 ng/ml
RT: 8.52 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	28.7	21.6	32.4	
142	86.4	66.1	99.1	





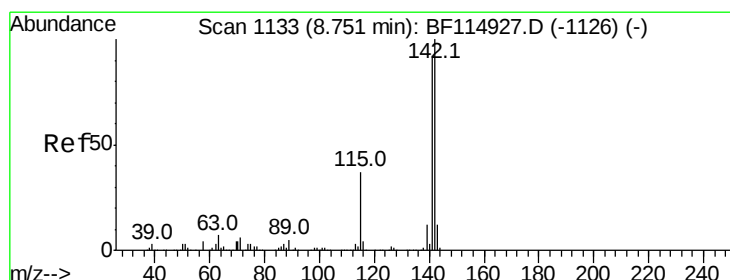
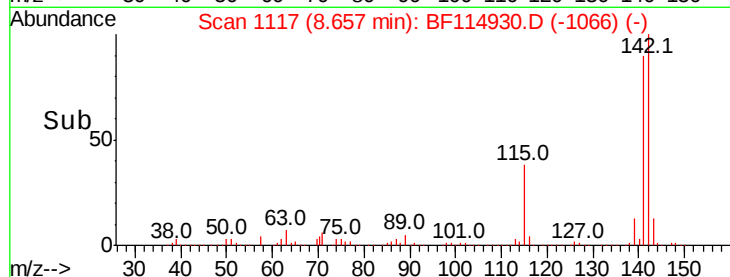
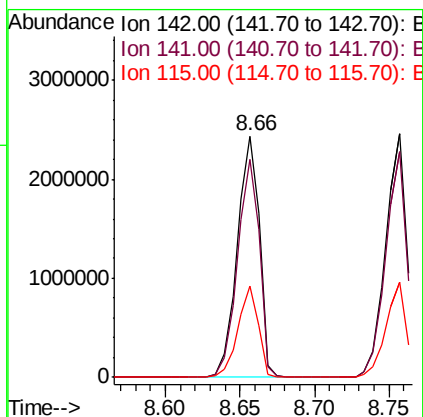
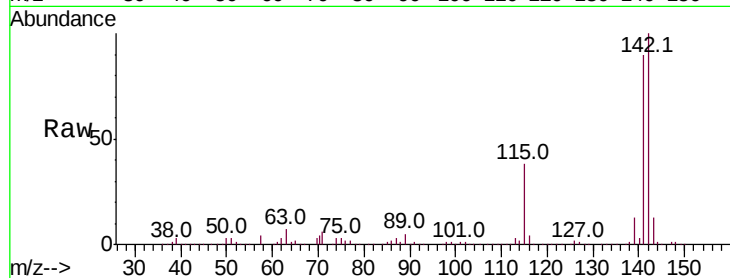
#37
2-Methylnaphthalene
Concen: 67.521 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.1	106.7
115	37.9	27.8	41.6

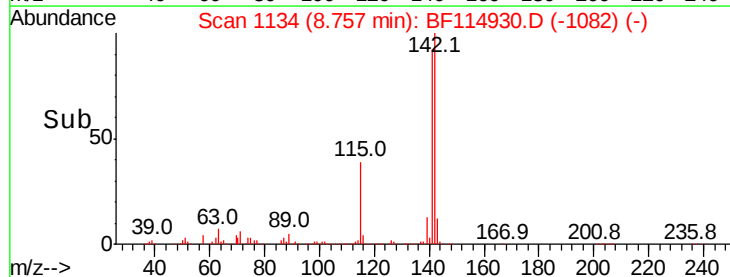
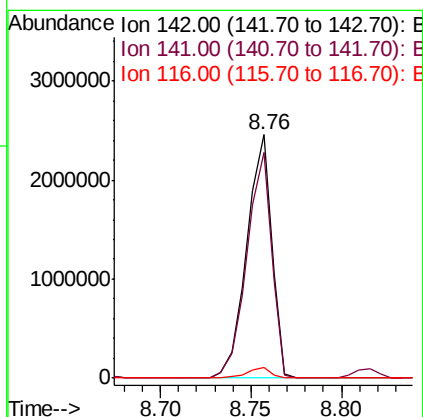
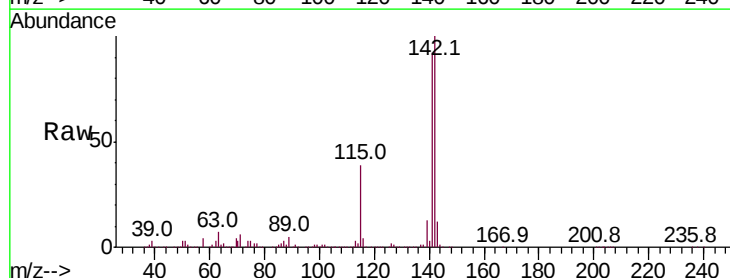
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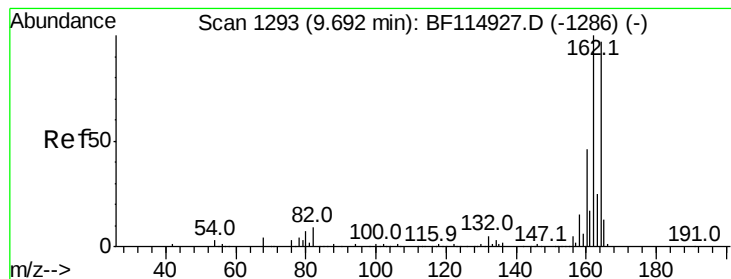
mohammad
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#38
1-Methylnaphthalene
Concen: 66.810 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.7	110.5
116	4.2	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

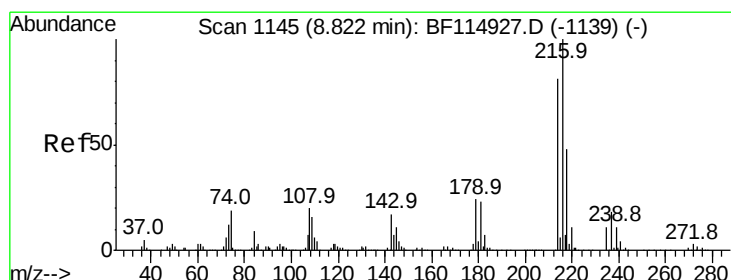
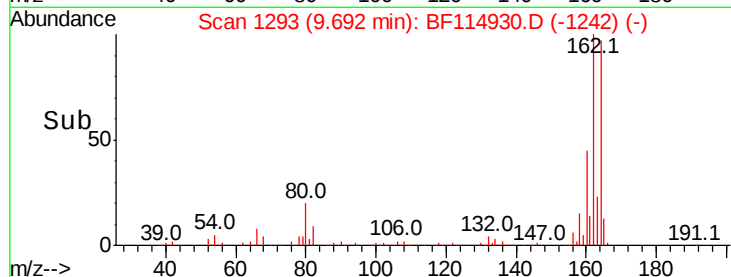
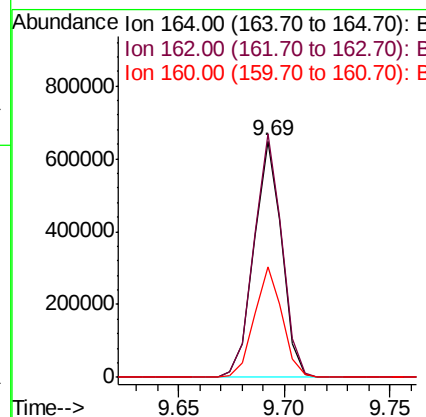
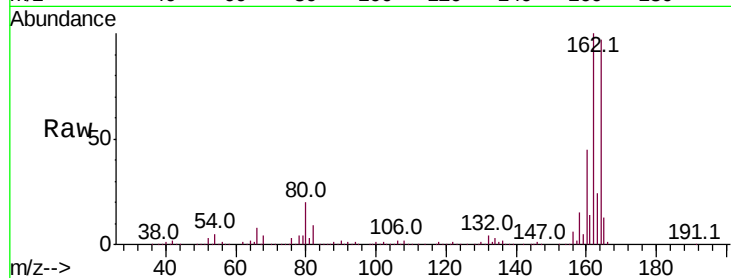
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	82.4	123.6	
160	46.5	37.5	56.3	

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 66.392 ng

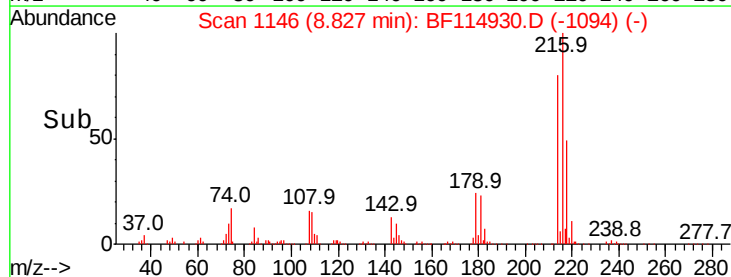
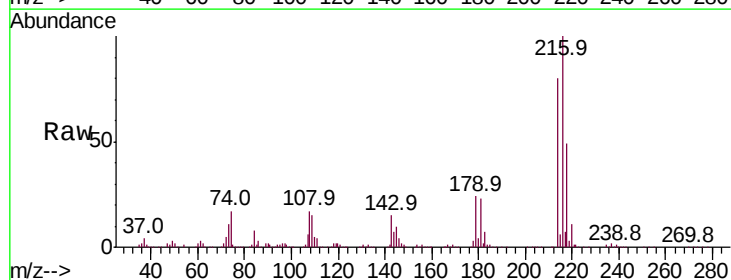
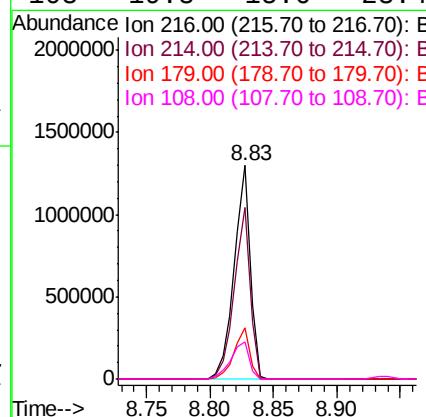
RT: 8.83 min Scan# 1146

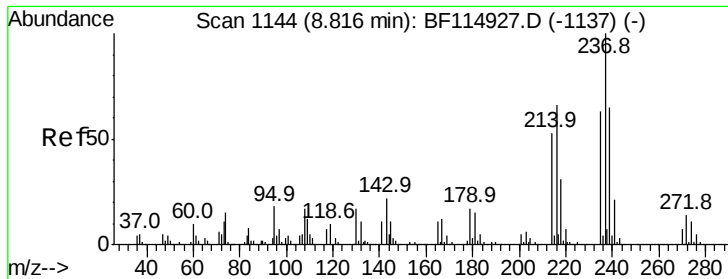
Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.0	63.8	95.8	
179	23.4	18.5	27.7	
108	19.8	15.6	23.4	





#41

Hexachlorocyclopentadiene

Concen: 69.823 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

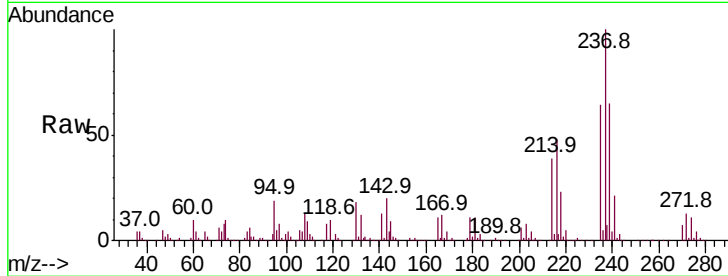
ClientSampleId :

SSTDICC080

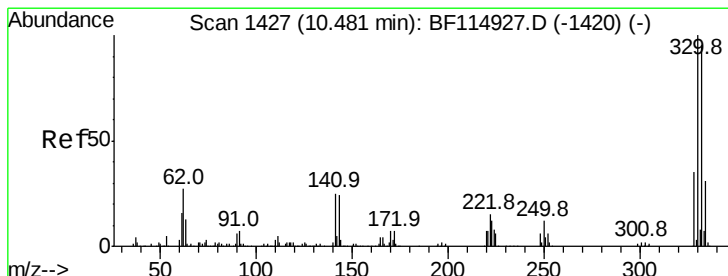
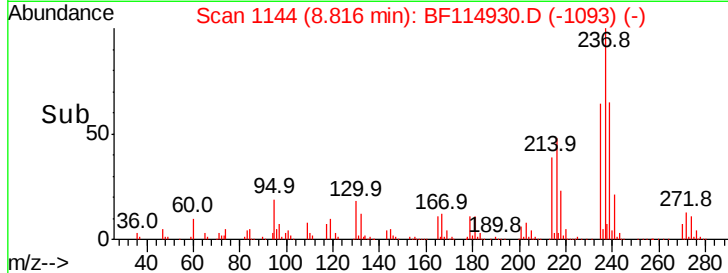
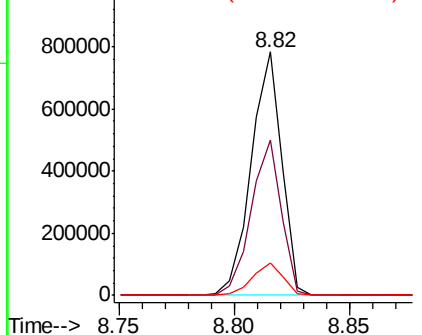
Tot Ion:	237	Resp:	723814
Ion Ratio	Lower	Upper	
237	100		
235	63.6	43.3	83.3
272	13.3	0.0	33.5

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 138.144 ng

RT: 10.48 min Scan# 1427

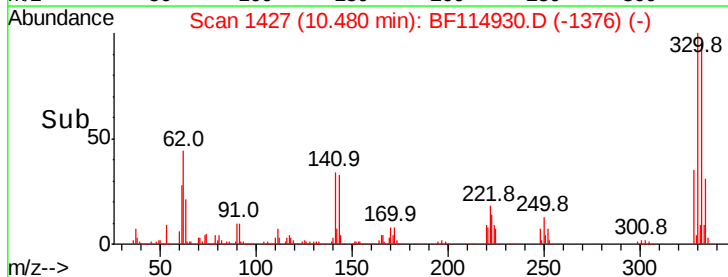
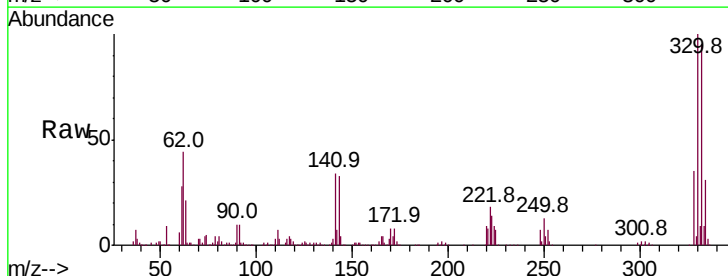
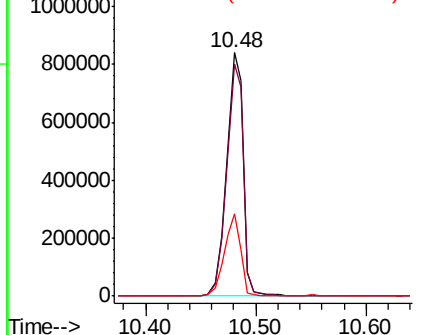
Delta R.T. -0.00 min

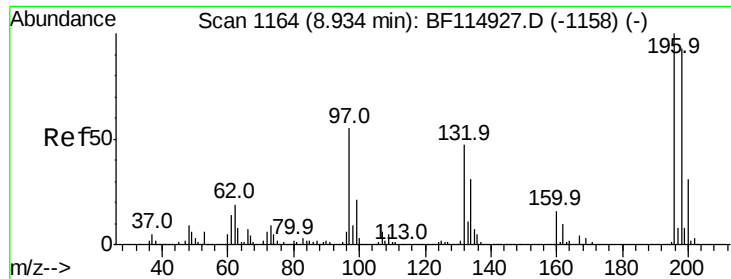
Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Tgt Ion:	330	Resp:	882969
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.4	114.6
141	33.0	26.8	40.2

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





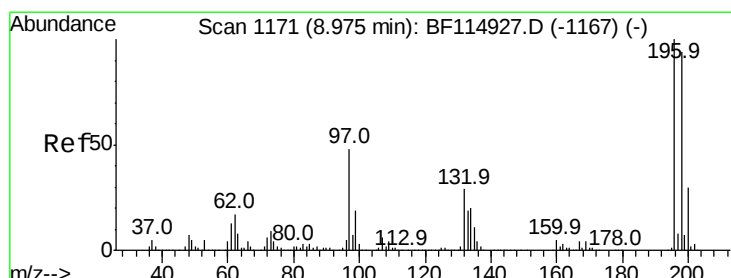
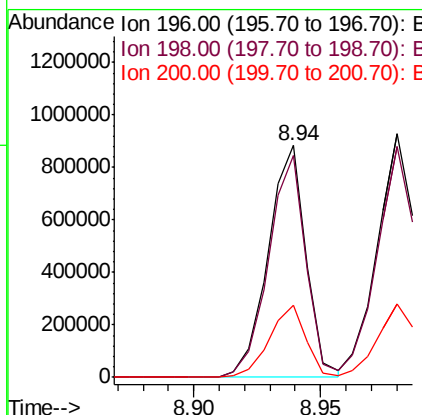
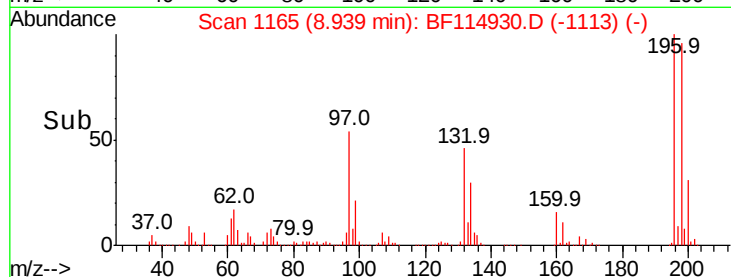
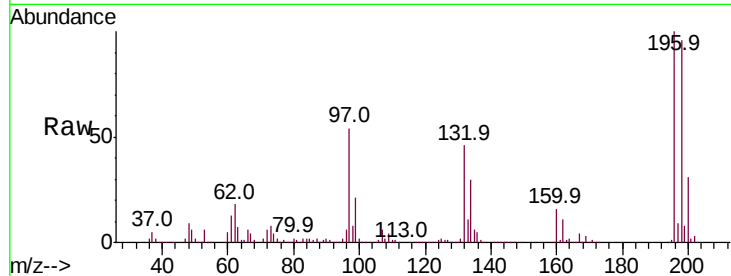
#43
 2,4,6-Trichlorophenol
 Concen: 69.340 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BF114930.D
 Acq: 10 Jun 2019 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	196	Resp:	921586
Ion Ratio	Lower	Upper	
196	100		
198	95.8	74.8	112.2
200	31.0	24.5	36.7

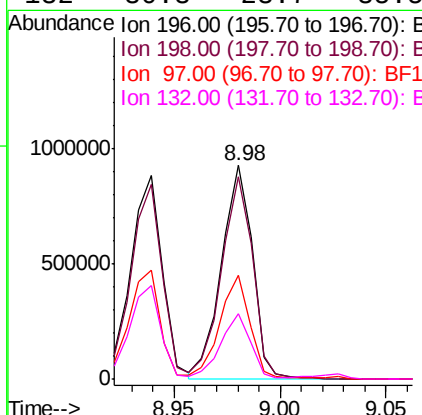
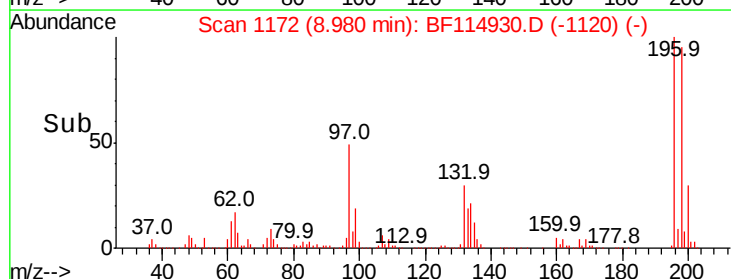
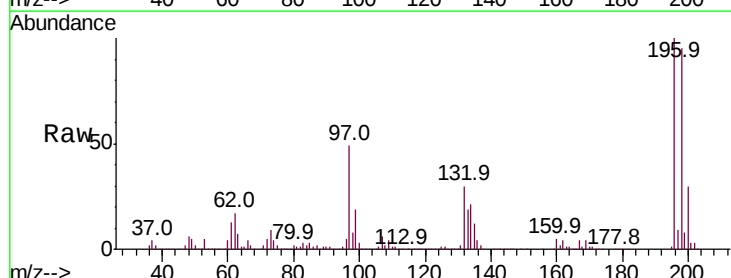
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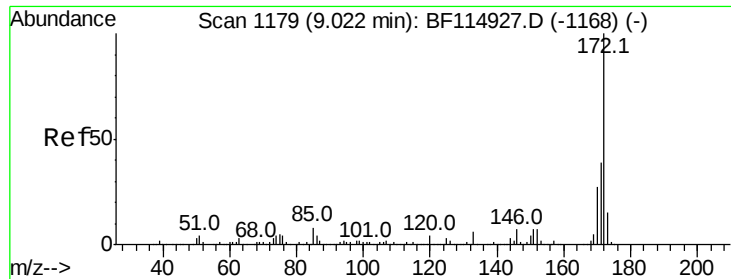
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#44
 2,4,5-Trichlorophenol
 Concen: 70.432 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF114930.D
 Acq: 10 Jun 2019 12:45

Tgt Ion:	196	Resp:	942754
Ion Ratio	Lower	Upper	
196	100		
198	94.6	75.6	113.4
97	48.8	38.6	57.8
132	30.3	23.7	35.5





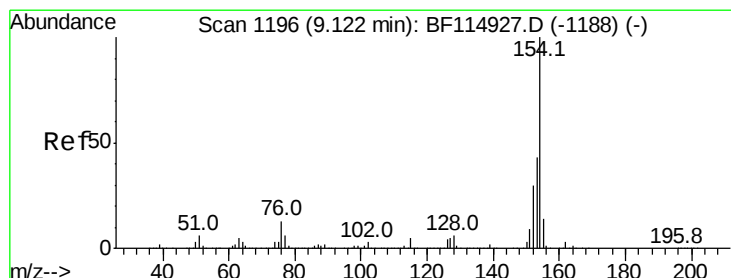
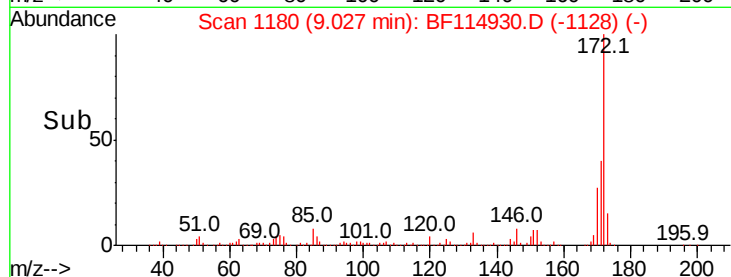
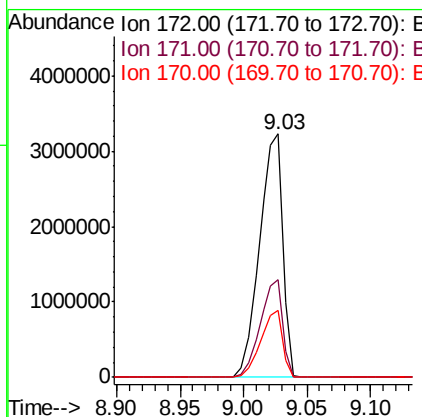
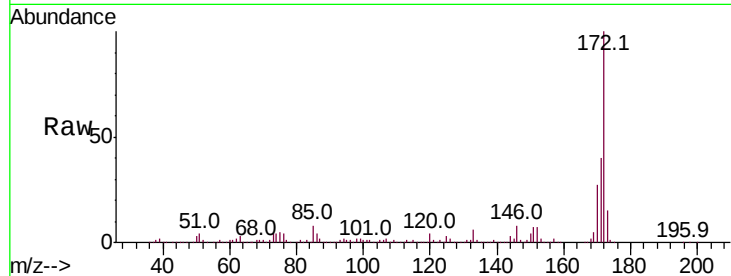
#45
2-Fluorobiphenyl
Concen: 130.713 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:172 Resp: 4138570
Ion Ratio Lower Upper
172 100
171 40.2 31.3 46.9
170 27.3 21.4 32.0

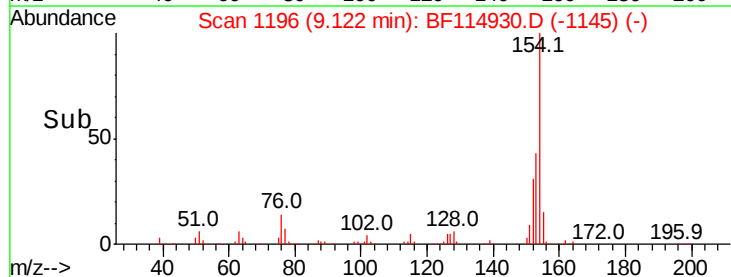
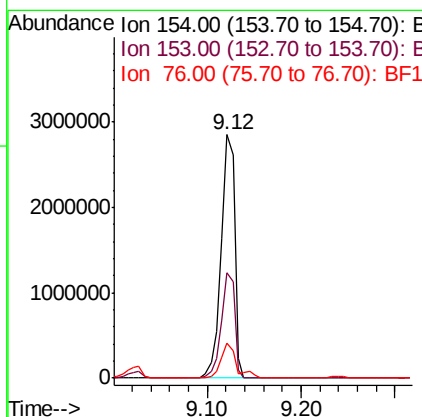
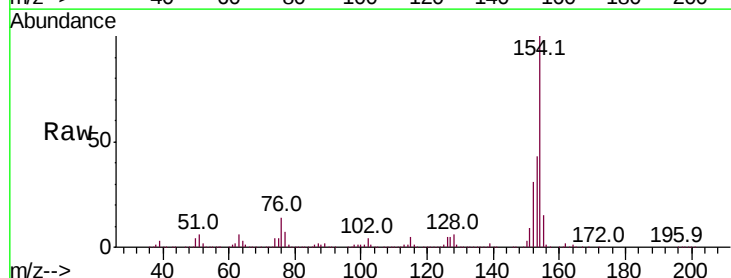
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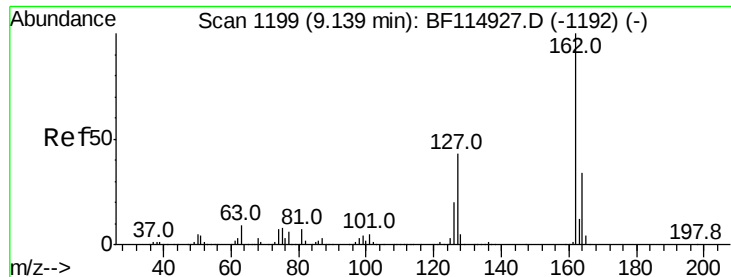
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#46
1,1'-Biphenyl
Concen: 65.472 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion:154 Resp: 2878028
Ion Ratio Lower Upper
154 100
153 43.1 22.8 62.8
76 14.4 0.0 33.0





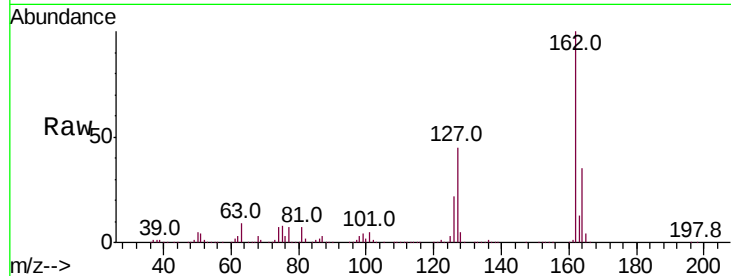
#47
2-Chloronaphthalene
Concen: 67.668 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

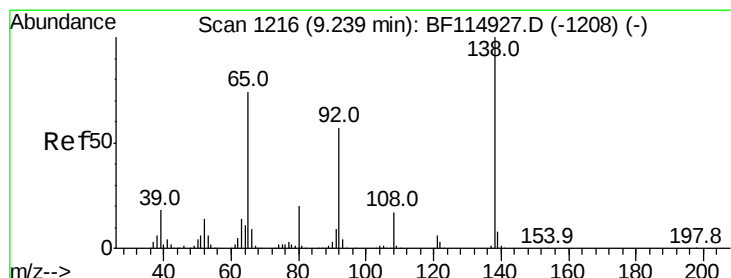
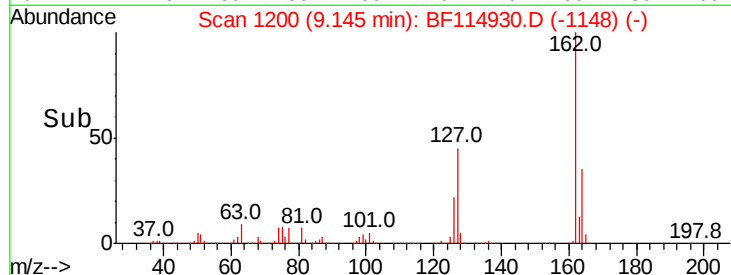
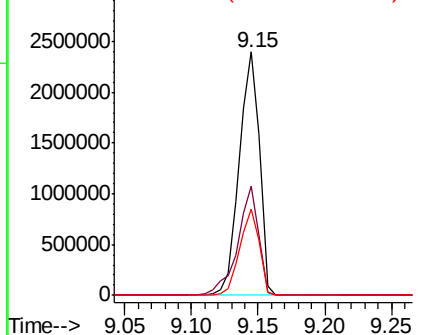
Tot Ion	Ratio	Lower	Upper
162	100		
127	45.0	34.6	51.8
164	35.5	27.5	41.3

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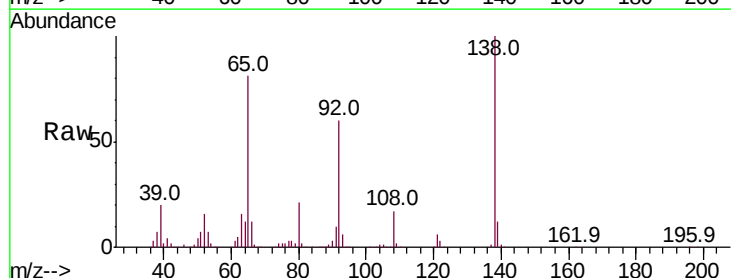


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

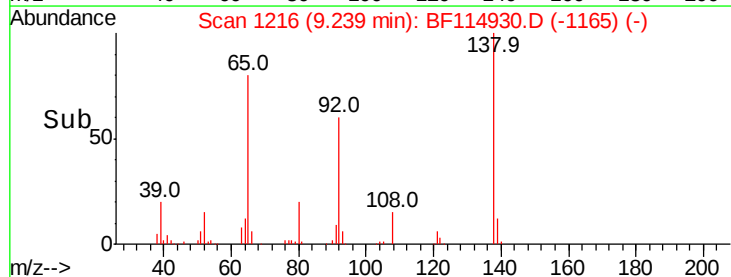
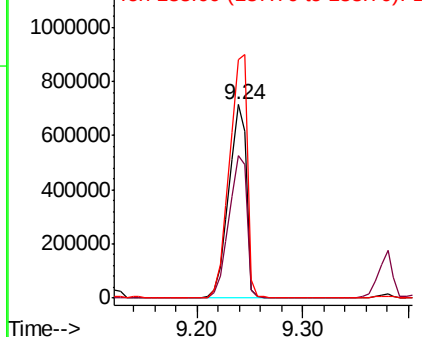


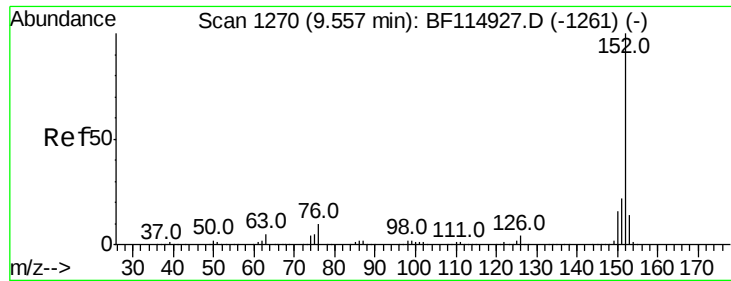
#48
2-Nitroaniline
Concen: 73.915 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	61.9	92.9
138	123.1	108.6	162.8



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





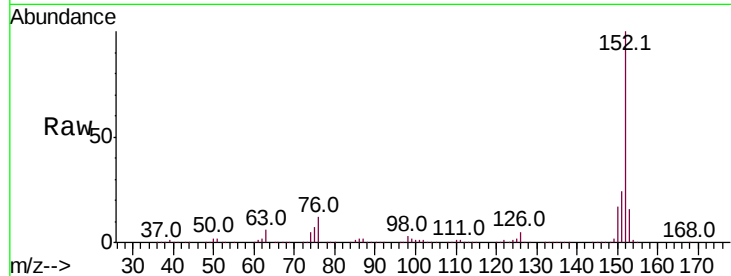
#49
Acenaphthylene
Concen: 66.317 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

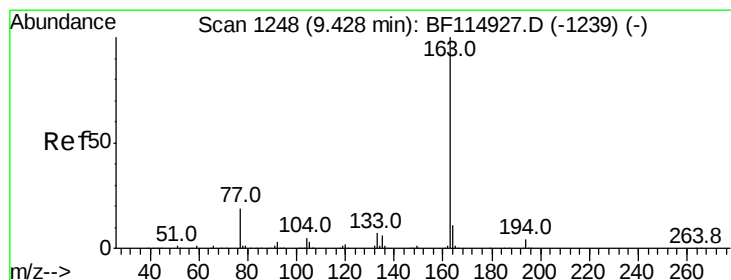
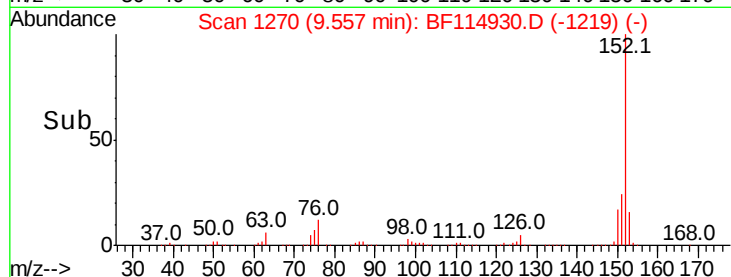
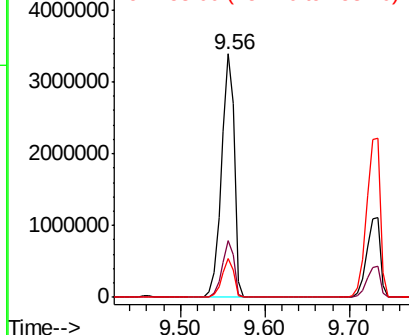
Tot Ion	Ratio	Lower	Upper
152	100		
151	23.5	17.6	26.4
153	15.7	11.4	17.0

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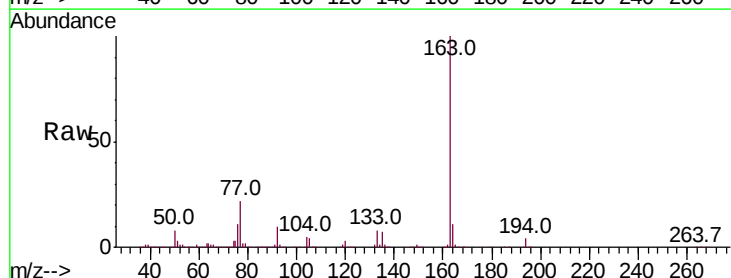


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

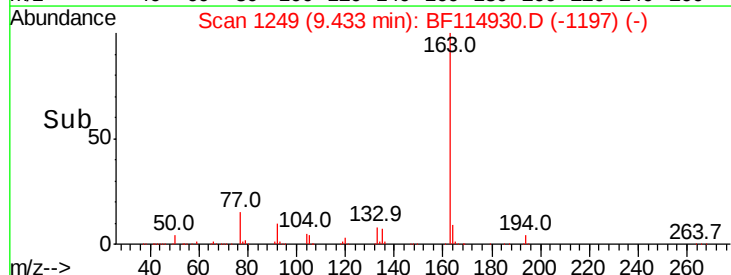
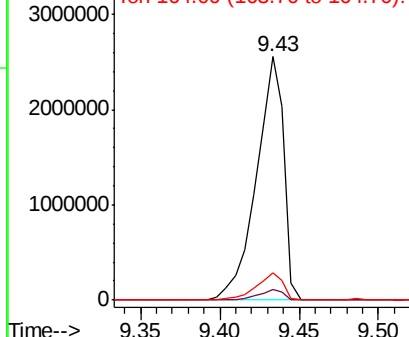


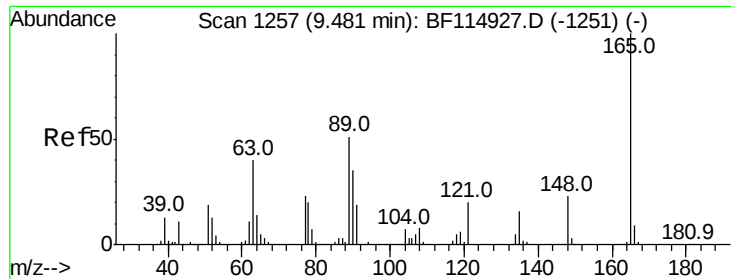
#50
Dimethylphthalate
Concen: 70.872 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	11.4	8.7	13.1



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





#51

2,6-Dinitrotoluene

Concen: 72.674 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

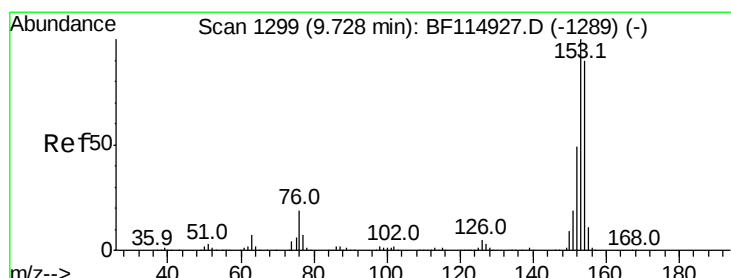
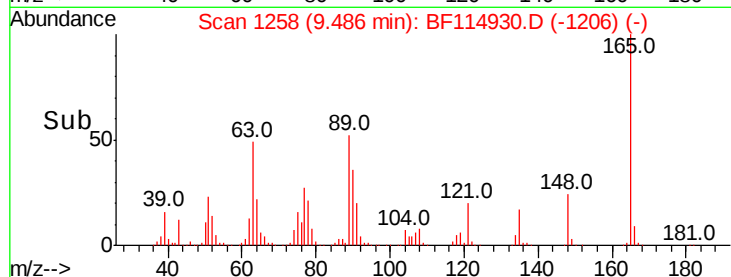
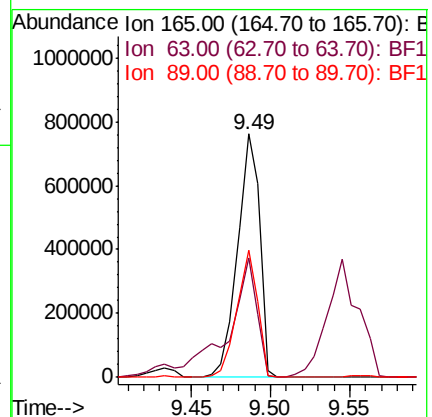
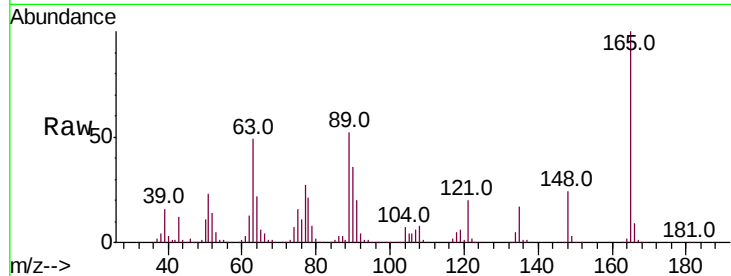
SSTDIC080

Tot Ion:165 Resp: 740367
Ion Ratio Lower Upper

165	100		
63	48.8	38.3	57.5
89	52.0	40.8	61.2

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#52

Acenaphthene

Concen: 61.914 ng

RT: 9.73 min Scan# 1300

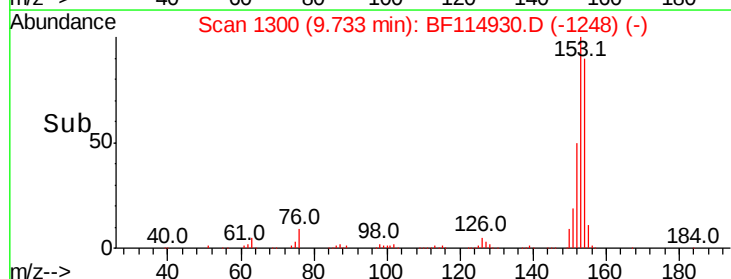
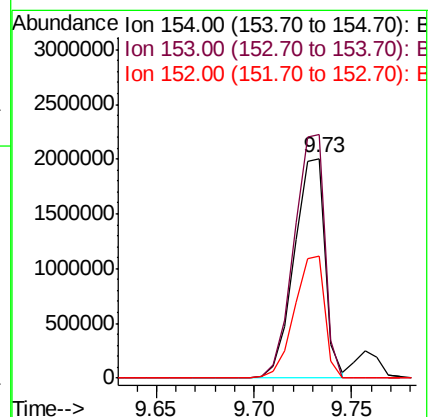
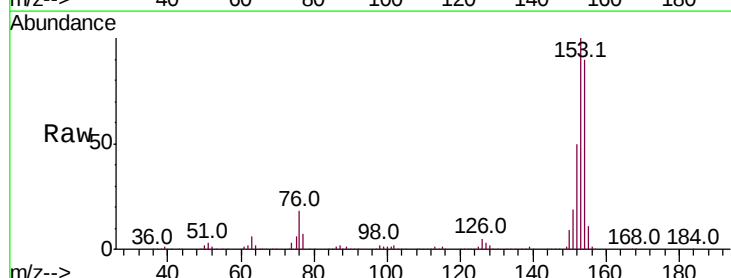
Delta R.T. 0.01 min

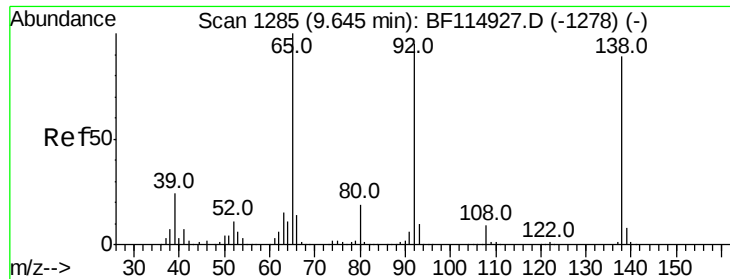
Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Tgt Ion:154 Resp: 2196901
Ion Ratio Lower Upper

154	100		
153	111.0	89.1	133.7
152	55.5	43.8	65.6





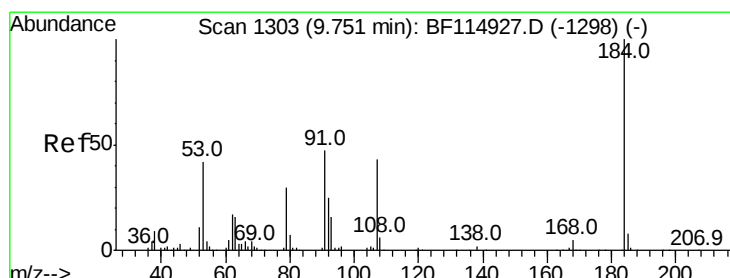
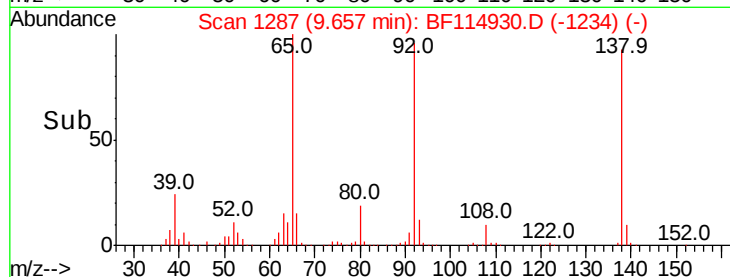
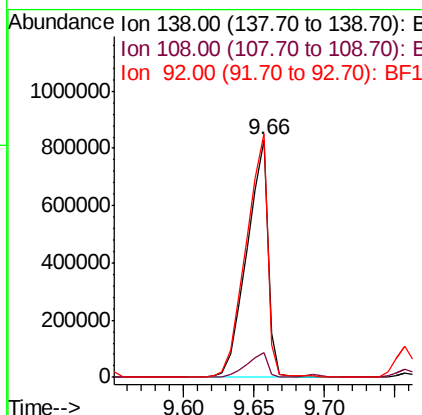
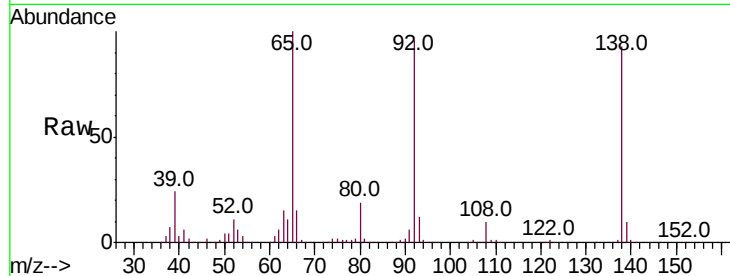
#53
3-Nitroaniline
Concen: 73.056 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.9	11.9
92	102.5	85.0	127.6

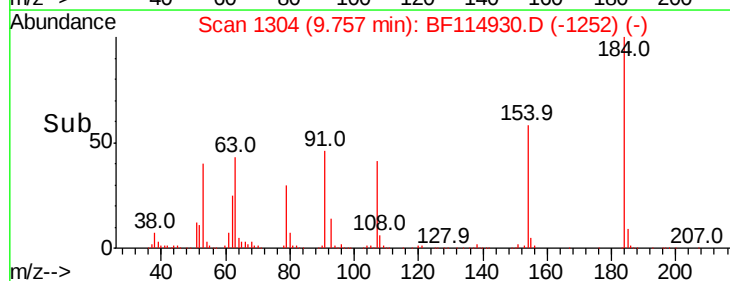
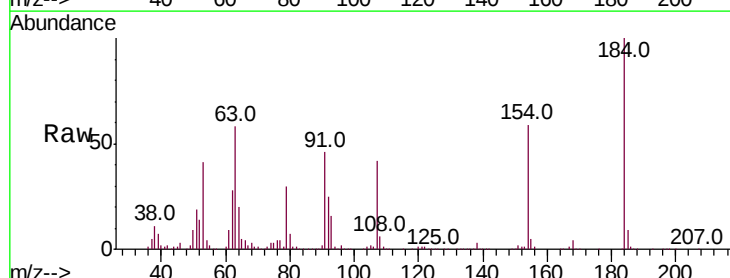
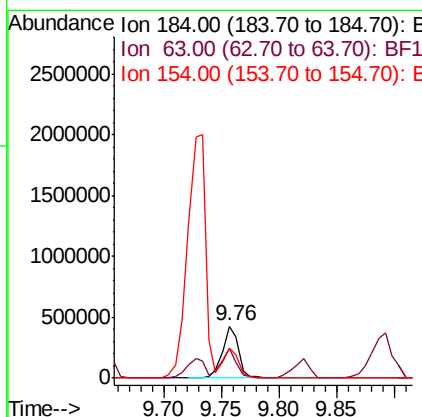
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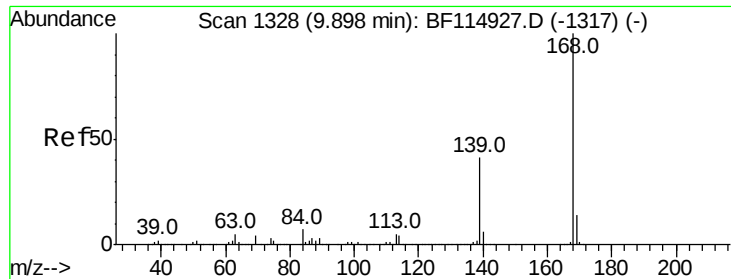
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#54
2,4-Dinitrophenol
Concen: 92.427 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.0	47.4	71.0
154	58.7	48.6	73.0





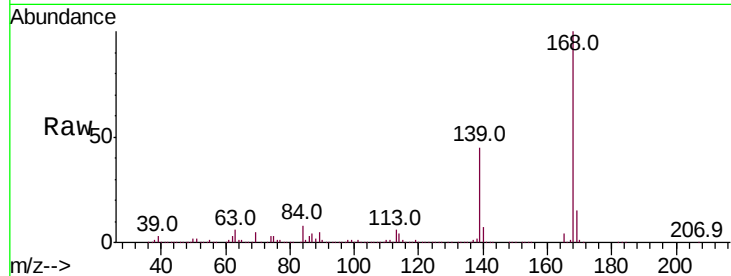
#55
Dibenzofuran
Concen: 61.378 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
168	100		
139	44.9	33.0	49.4
169	15.4	11.6	17.4

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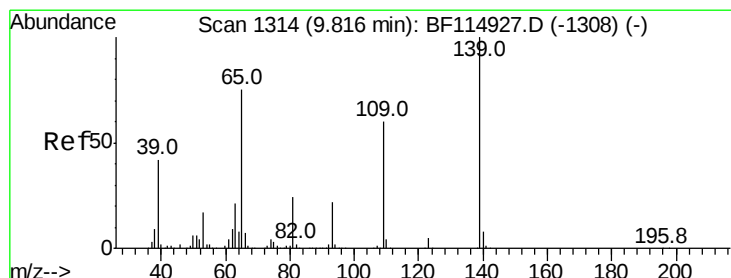
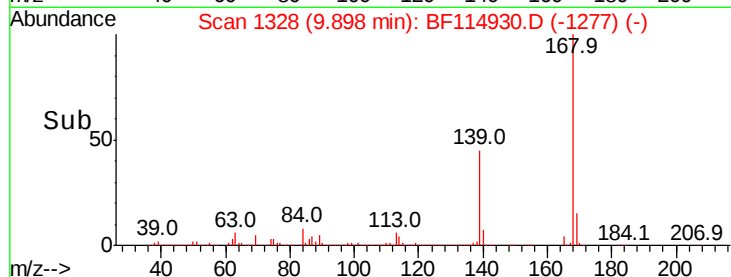
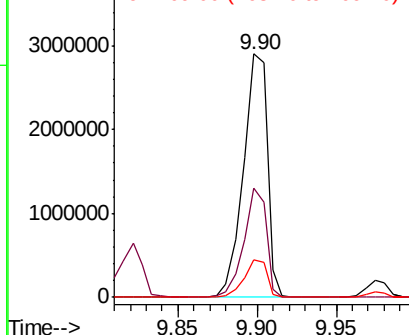


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 75.223 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

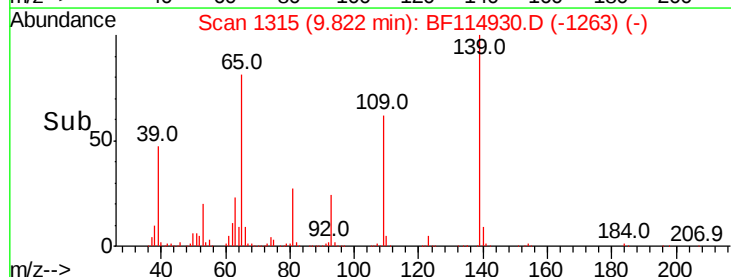
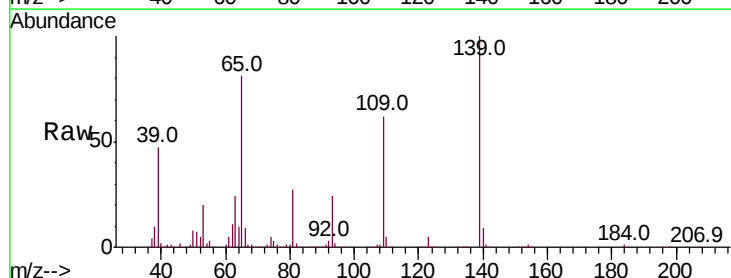
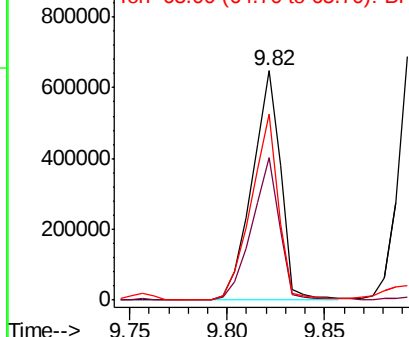
Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.1	40.0	80.0
65	81.0	55.0	95.0

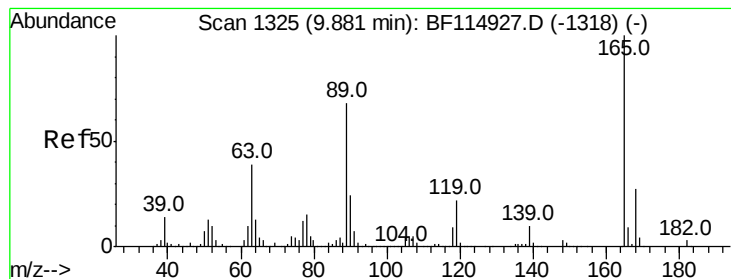
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





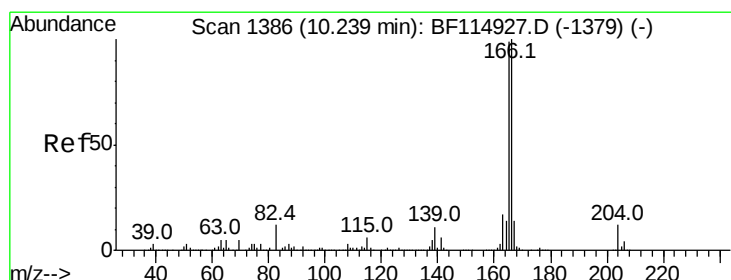
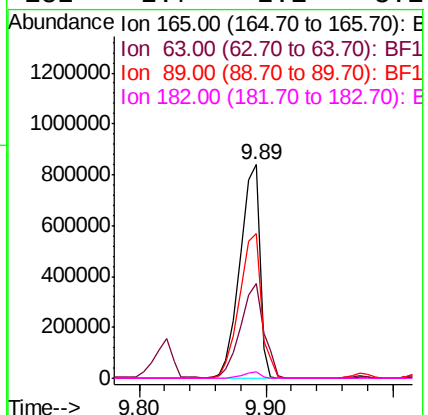
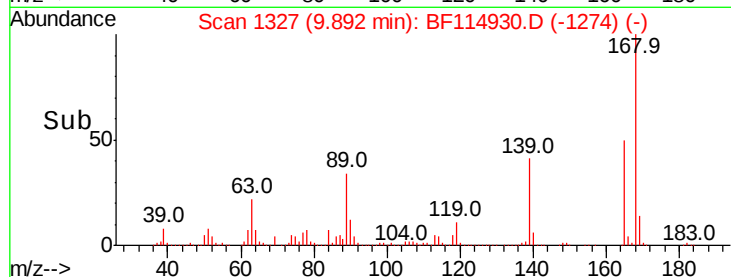
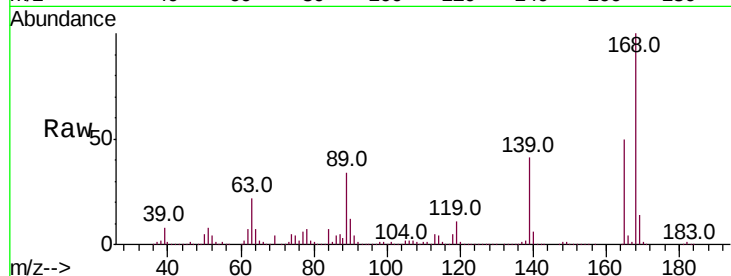
#57
2,4-Dinitrotoluene
Concen: 70.342 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
165	100	900860		
63	44.1	31.8	47.6	
89	67.8	54.2	81.2	
182	2.7	2.1	3.1	

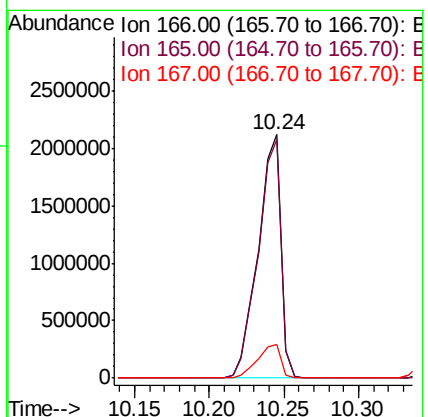
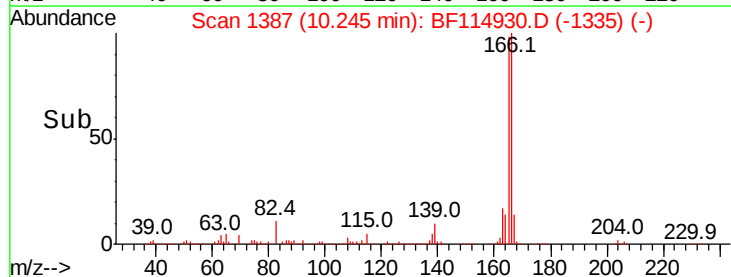
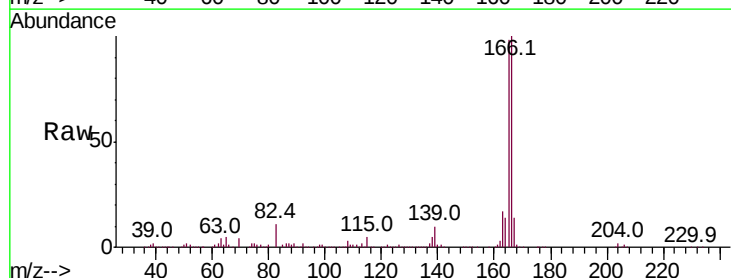
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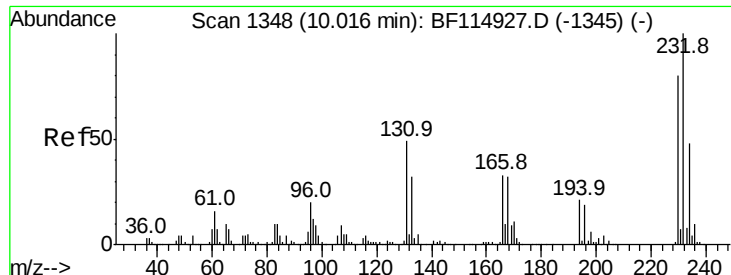
mohammad
6/12/2019 9:13:20 AM



#58
Fluorene
Concen: 62.555 ng
RT: 10.24 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2213804		
165	98.0	79.2	118.8	
167	13.7	11.0	16.6	





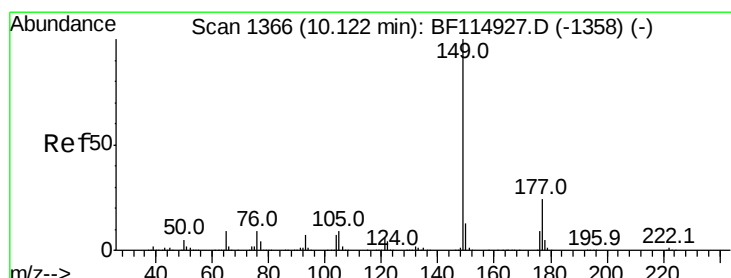
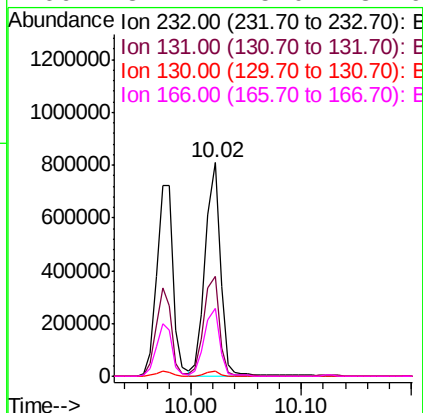
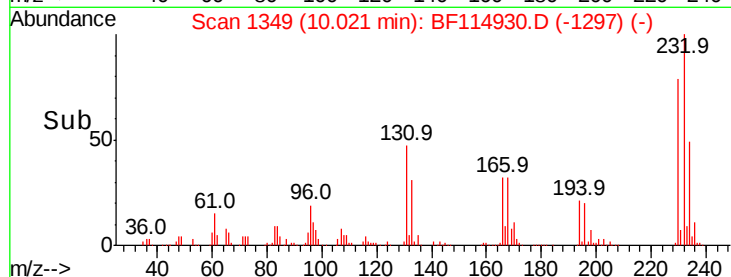
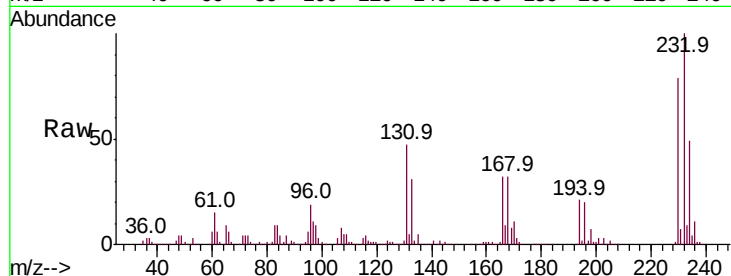
#59
2,3,4,6-Tetrachlorophenol
Concen: 68.944 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.5	37.0	55.4
130	2.3	1.8	2.6
166	32.1	25.0	37.6

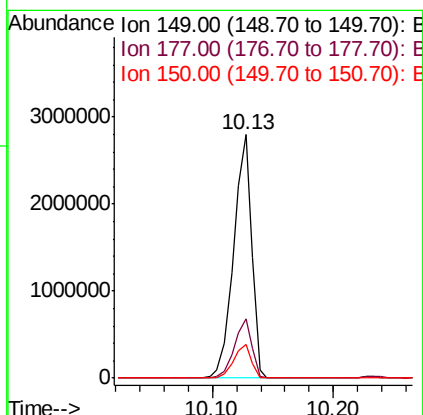
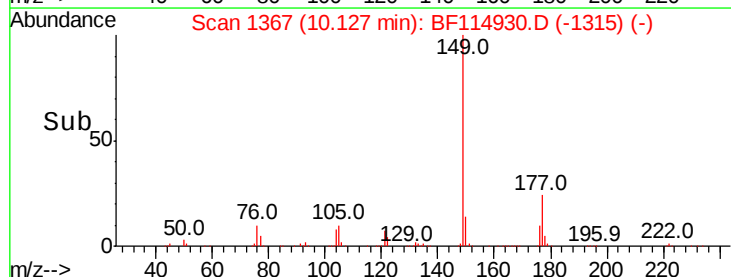
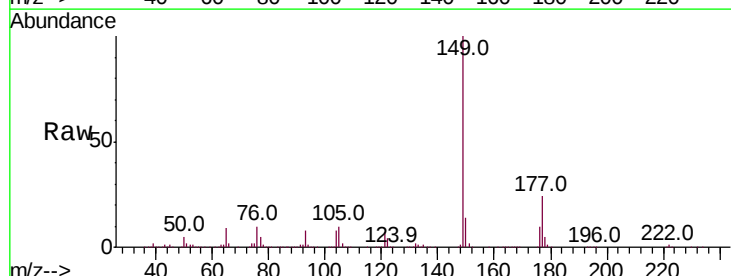
Manual Integrations
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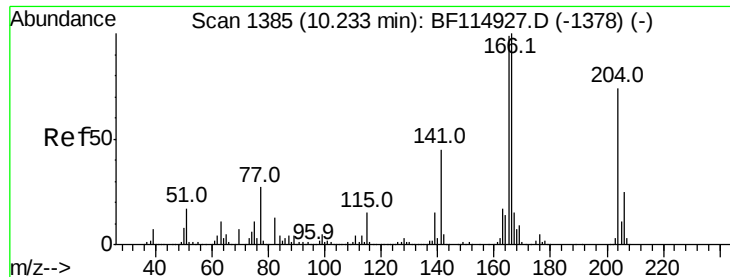
mohammad
6/12/2019 9:13:20 AM



#60
Diethylphthalate
Concen: 66.933 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.1	28.7
150	13.7	10.6	16.0





#61

4-Chlorophenyl-phenylether

Concen: 58.859 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:204 Resp: 1112319

Ion Ratio Lower Upper

204 100

206 33.9 26.8 40.2

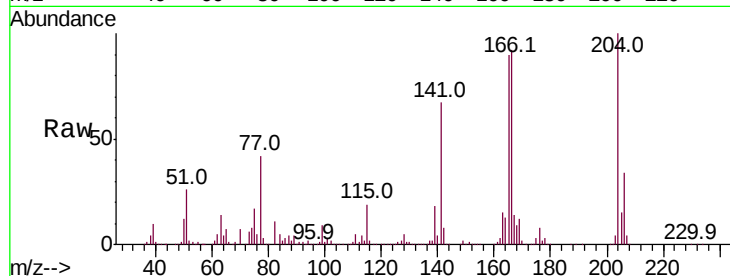
141 66.6 48.5 72.7

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Abundance

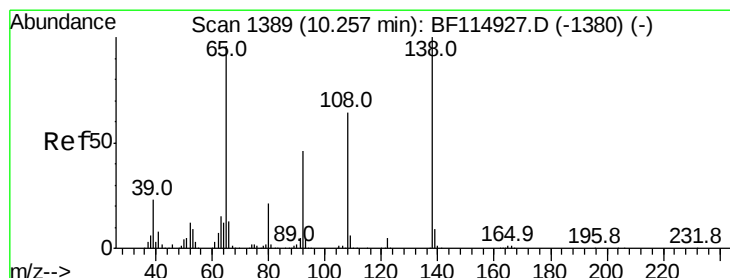
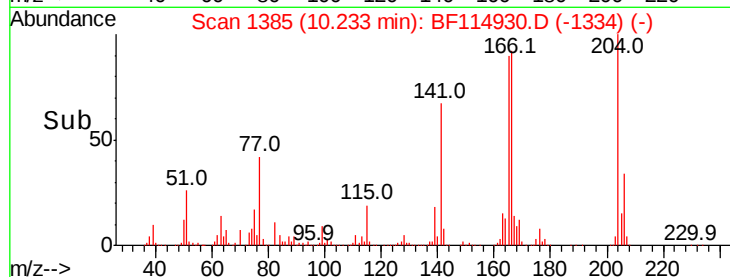
Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

10.23

Time--> 10.15 10.20 10.25 10.30



#62

4-Nitroaniline

Concen: 79.522 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.02 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

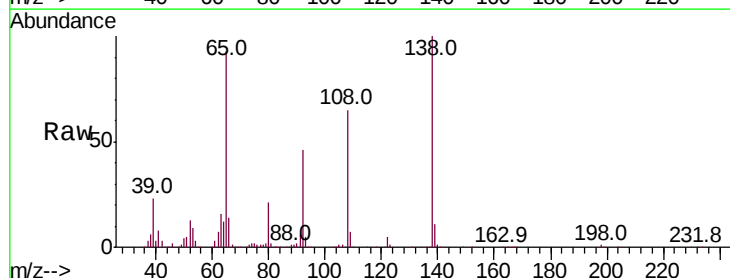
Tgt Ion:138 Resp: 917921

Ion Ratio Lower Upper

138 100

92 45.7 26.0 66.0

108 64.7 44.0 84.0



Abundance

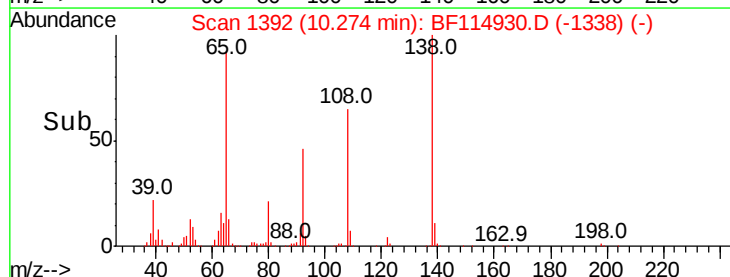
Ion 138.00 (137.70 to 138.70): E

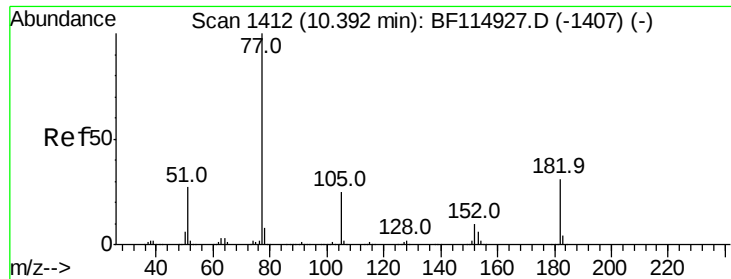
Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

10.27

Time--> 10.20 10.30





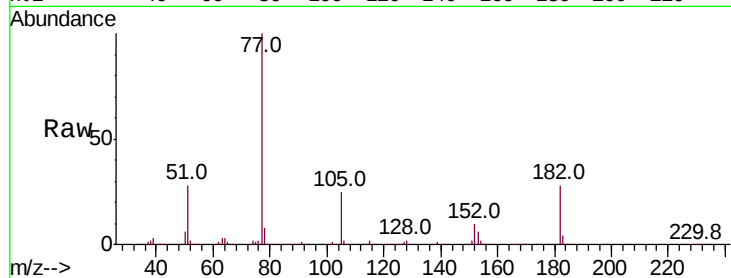
#63
Azobenzene
Concen: 68.544 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.2	10.8	50.8
105	25.1	5.3	45.3
51	28.3	6.8	46.8

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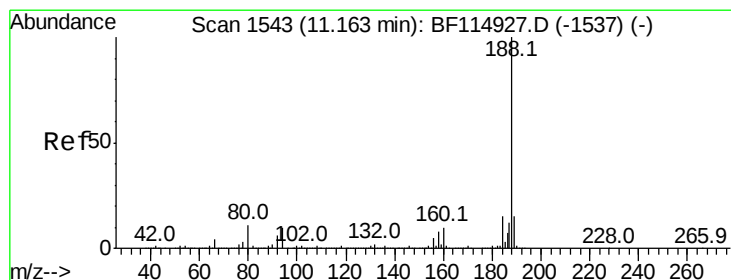
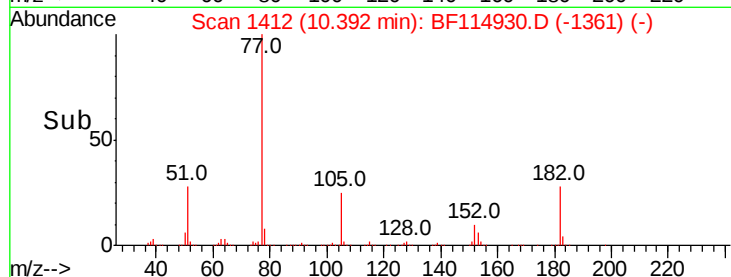
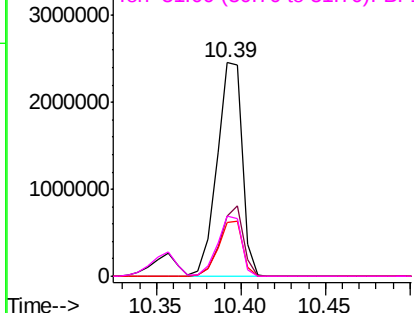
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

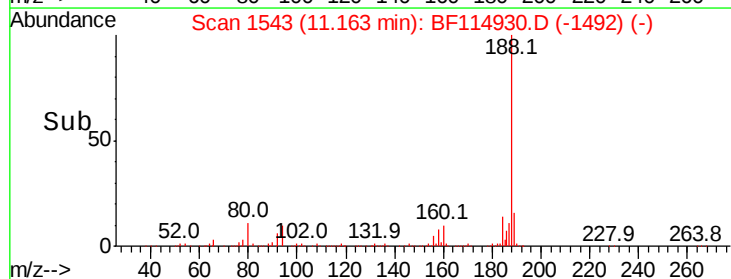
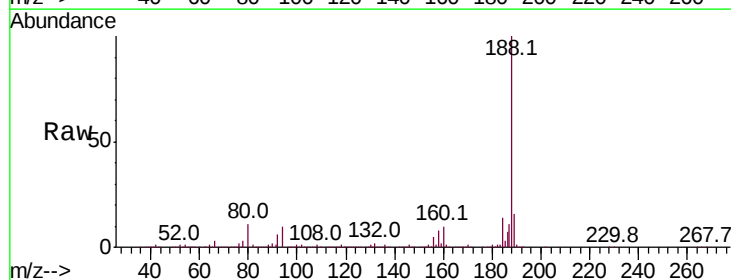
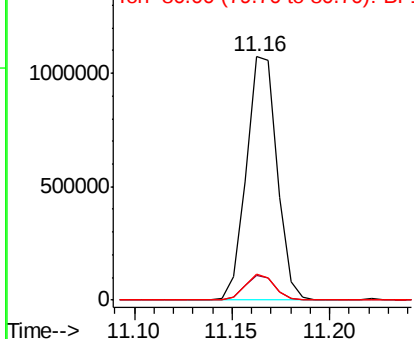
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.1	12.1
80	10.9	8.6	12.8

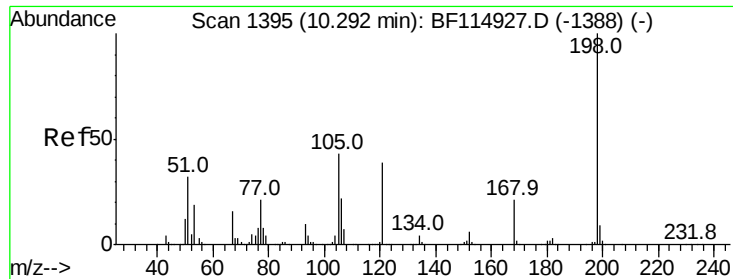
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





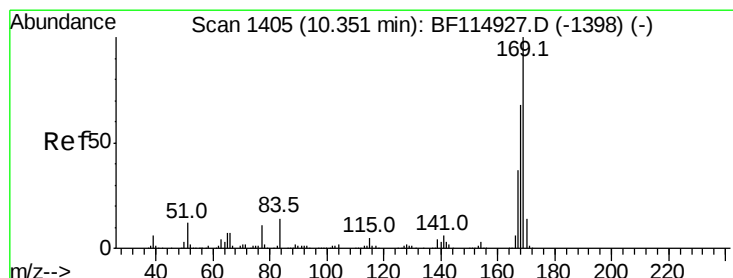
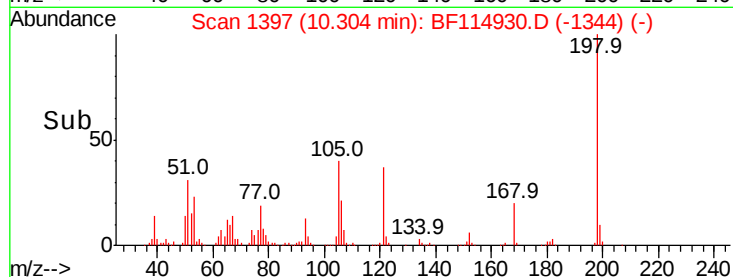
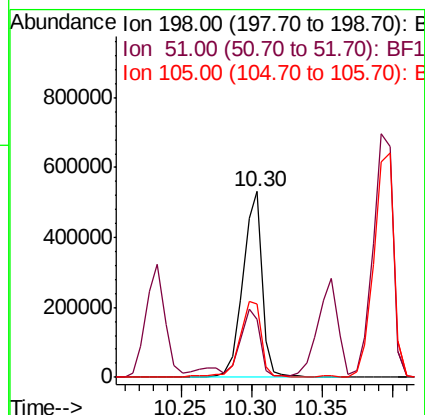
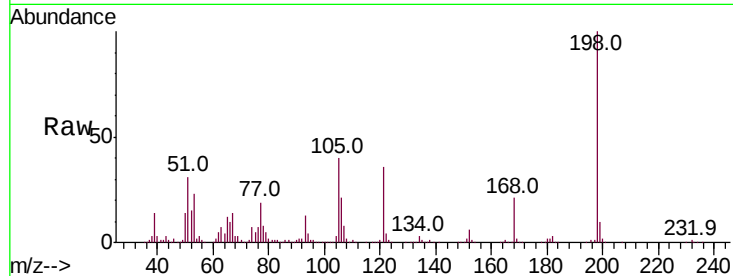
#65
4,6-Dinitro-2-methylphenol
Concen: 83.165 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
198	100	505527		
51	31.4	16.8	56.8	
105	39.8	23.5	63.5	

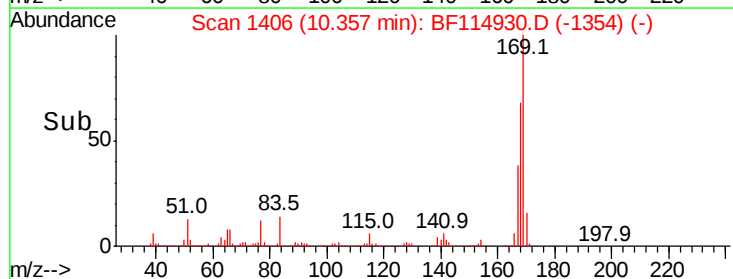
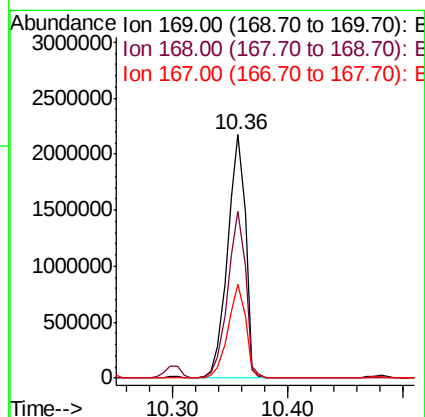
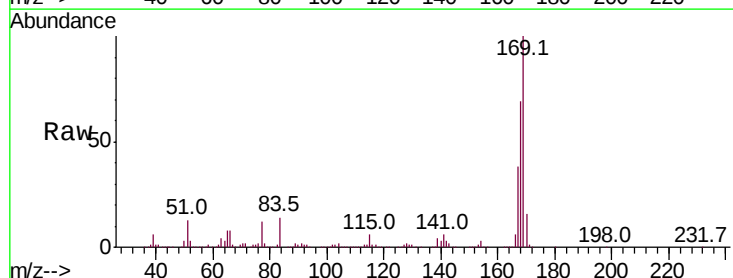
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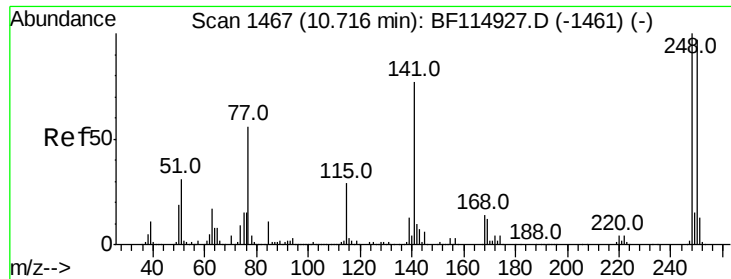
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#66
n-Nitrosodiphenylamine
Concen: 65.372 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2313139		
168	68.6	54.2	81.2	
167	38.4	29.4	44.2	





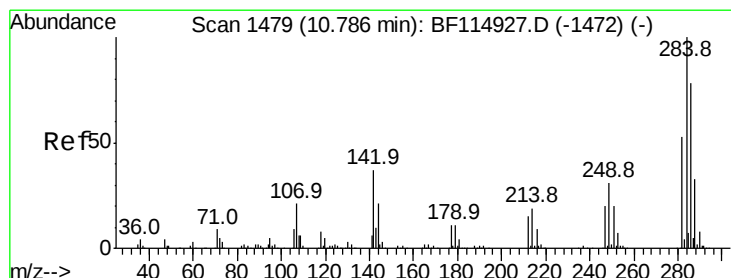
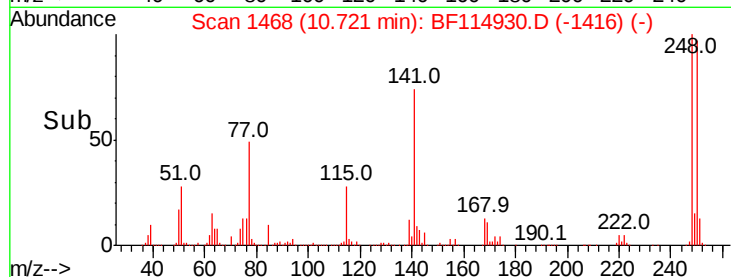
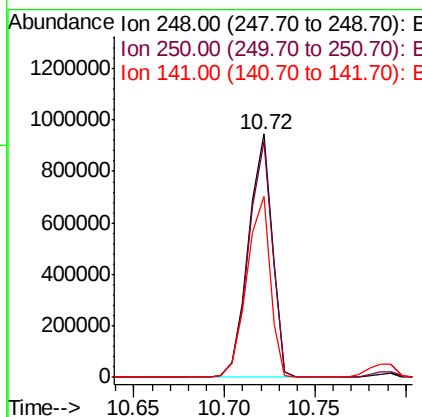
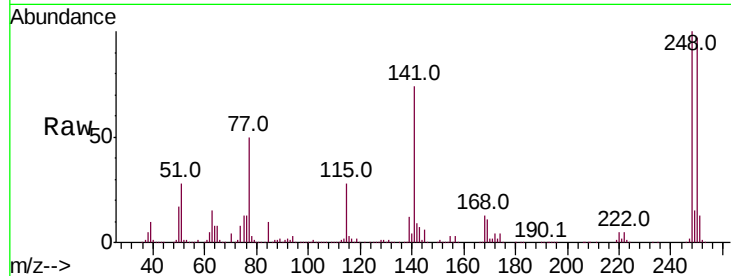
#67
 4-Bromophenyl-phenylether
 Concen: 65.020 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.01 min
 Lab File: BF114930.D
 Acq: 10 Jun 2019 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.4	116.0
141	74.1	61.8	92.6

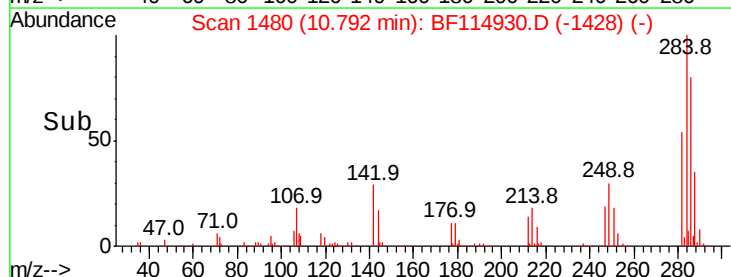
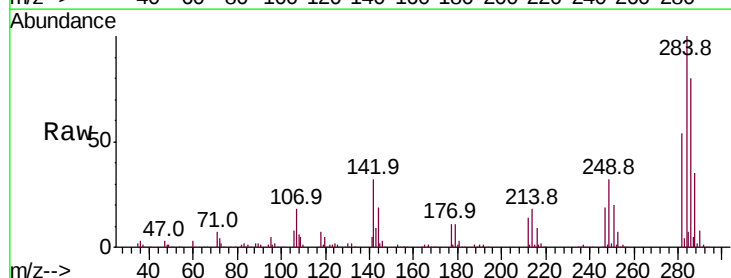
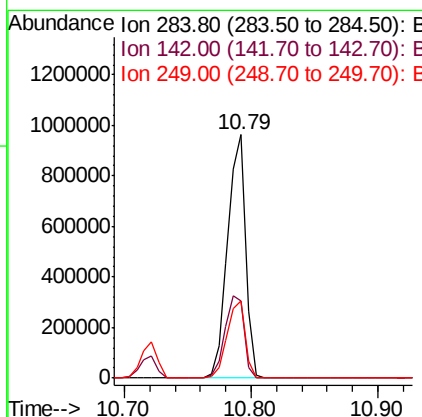
Manual Integrations
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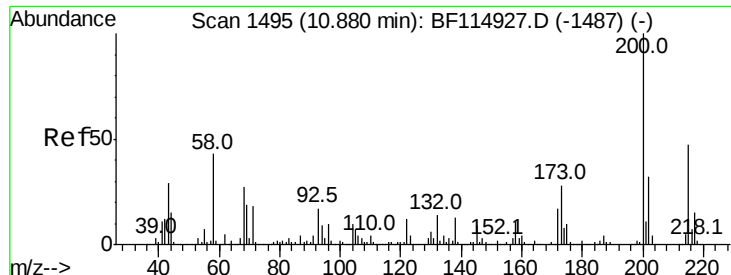
mohammad
 6/12/2019 9:13:20 AM



#68
 Hexachlorobenzene
 Concen: 64.877 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.01 min
 Lab File: BF114930.D
 Acq: 10 Jun 2019 12:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.9	29.3	43.9
249	31.7	25.1	37.7





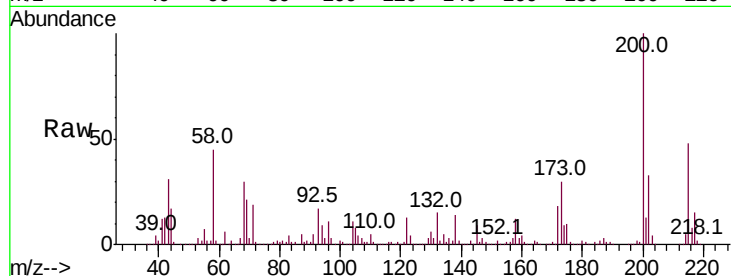
#69
Atrazine
Concen: 64.691 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.6	8.3	48.3
215	47.6	26.6	66.6

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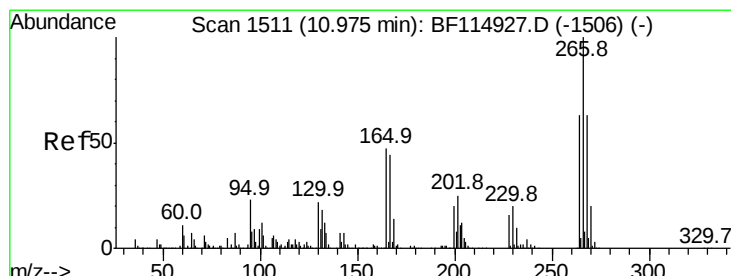
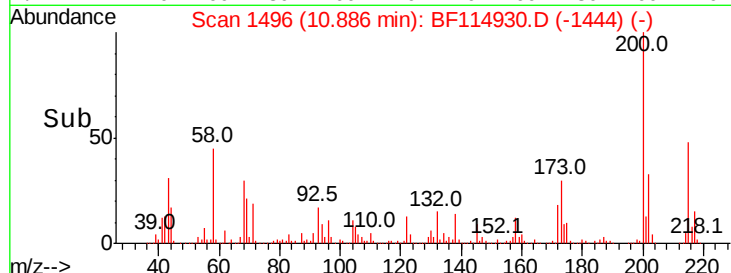
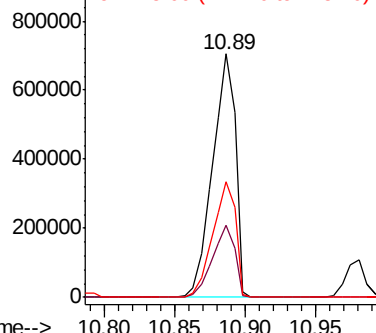


Abundance

Ion 200.00 (199.70 to 200.70): E

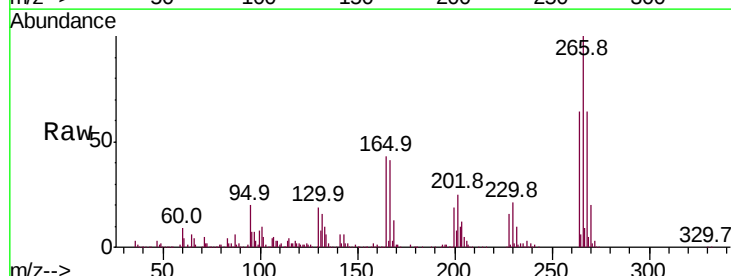
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 69.146 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.4	50.8	76.2
264	63.7	50.4	75.6

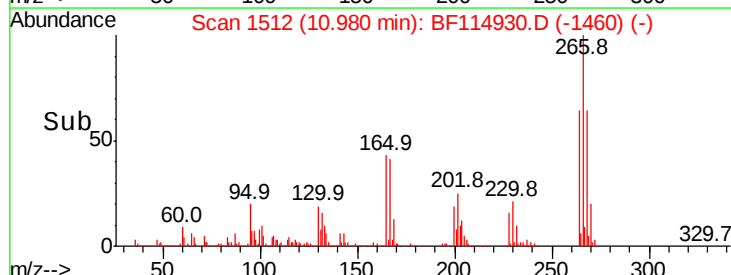
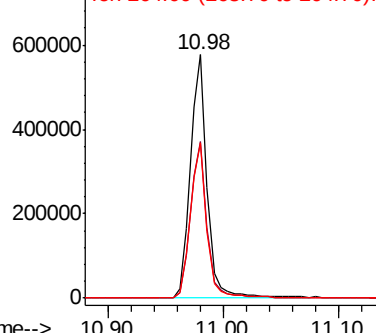


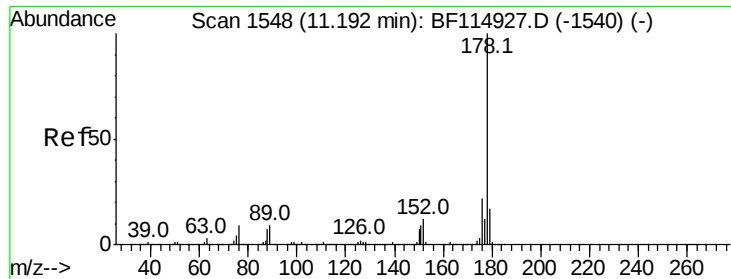
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 65.653 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:178 Resp: 3667631

Ion Ratio Lower Upper

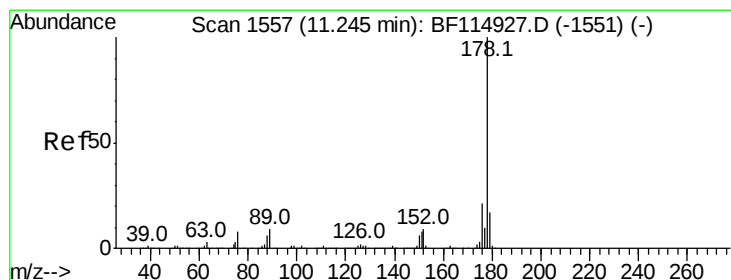
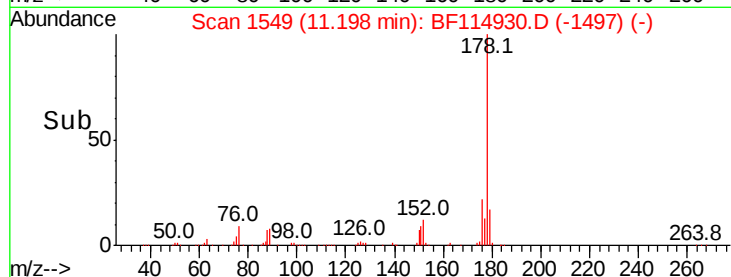
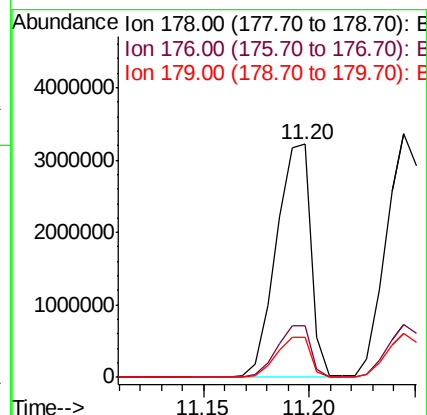
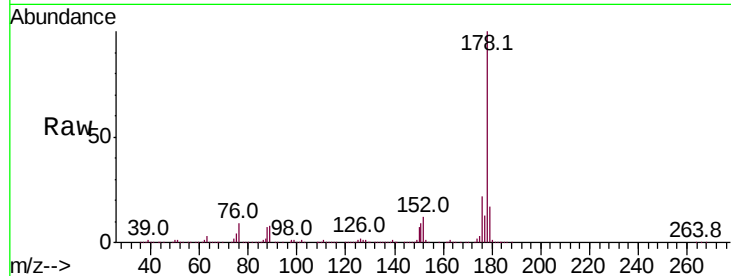
178 100

176 22.4 17.4 26.2

179 17.2 13.6 20.4

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#72

Anthracene

Concen: 63.869 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

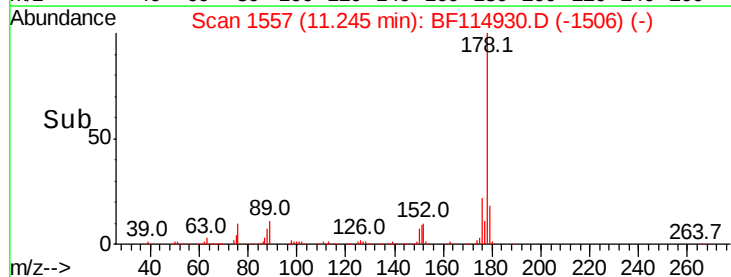
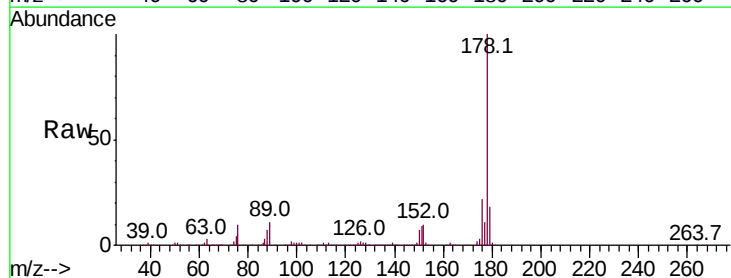
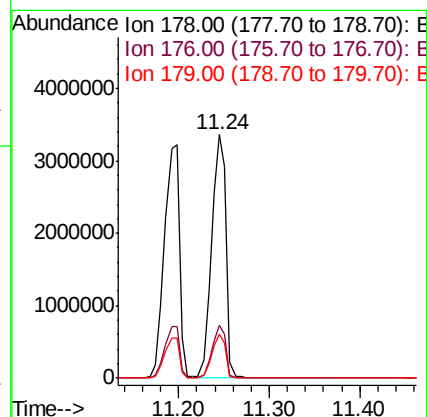
Tgt Ion:178 Resp: 3754917

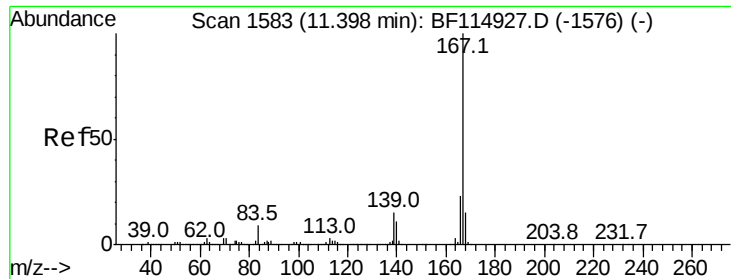
Ion Ratio Lower Upper

178 100

176 21.9 16.6 25.0

179 18.1 13.4 20.2





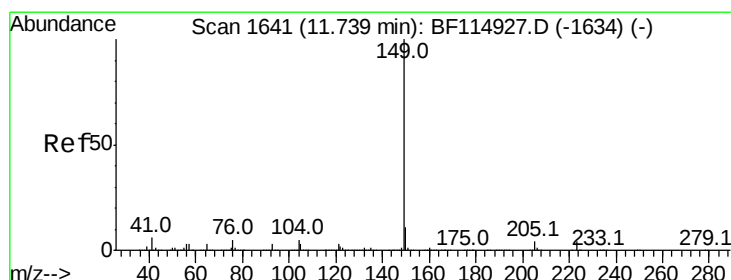
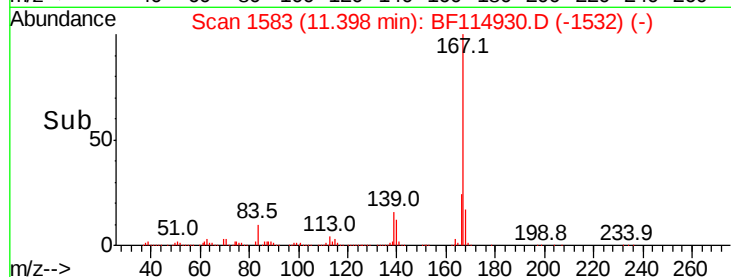
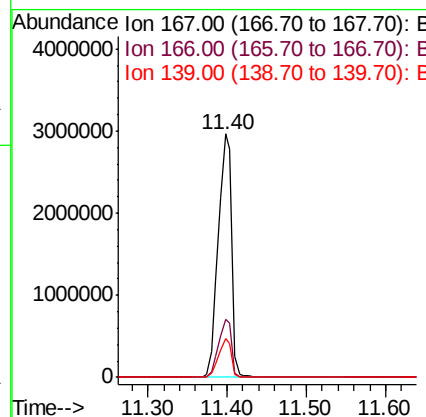
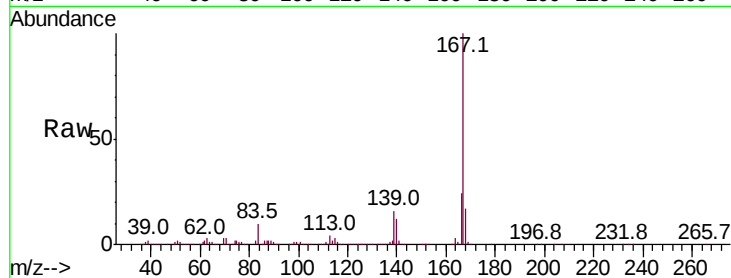
#73
 Carbazole
 Concen: 69.091 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF114930.D
 Acq: 10 Jun 2019 12:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	18.8	28.2
139	16.1	11.6	17.4

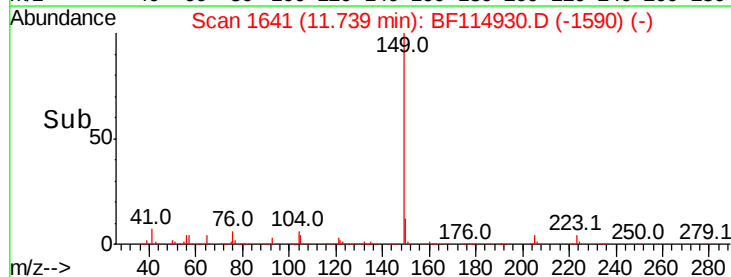
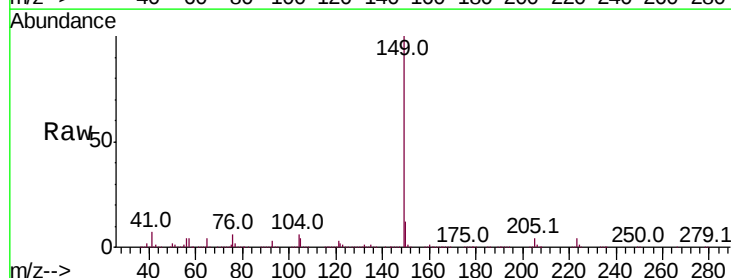
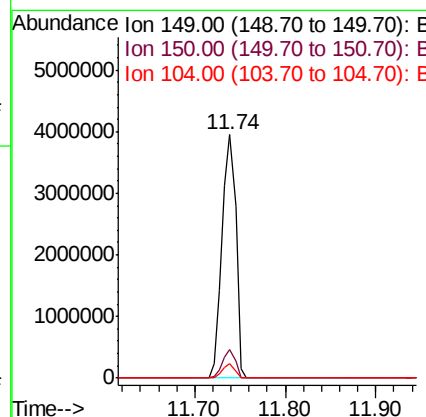
Manual Integrations
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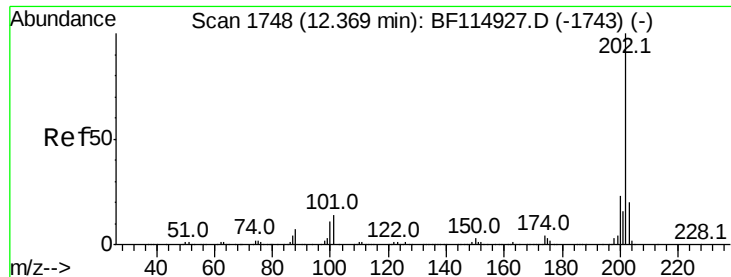
mohammad
 6/12/2019 9:13:20 AM



#74
 Di-n-butylphthalate
 Concen: 62.489 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF114930.D
 Acq: 10 Jun 2019 12:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.6	8.5	12.7
104	6.1	4.1	6.1





#75

Fluoranthene

Concen: 65.873 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:202 Resp: 3830052

Ion Ratio Lower Upper

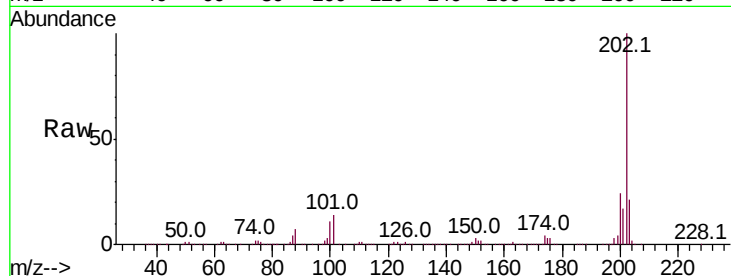
202 100

101 14.2 0.0 34.3

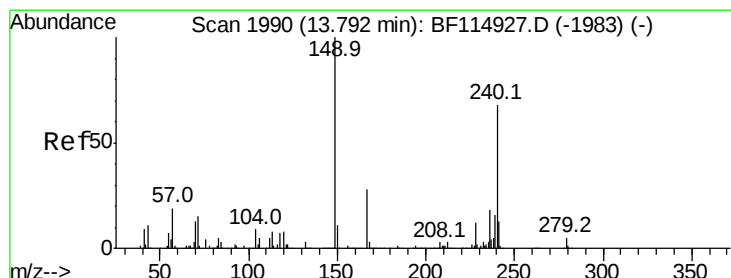
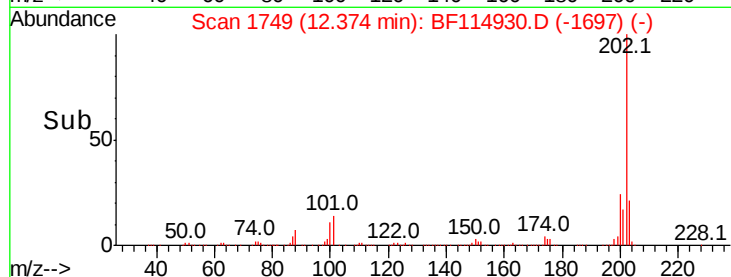
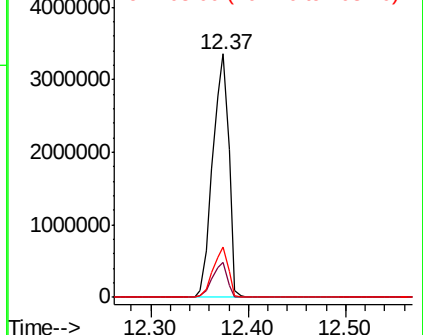
203 20.7 0.0 39.6

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

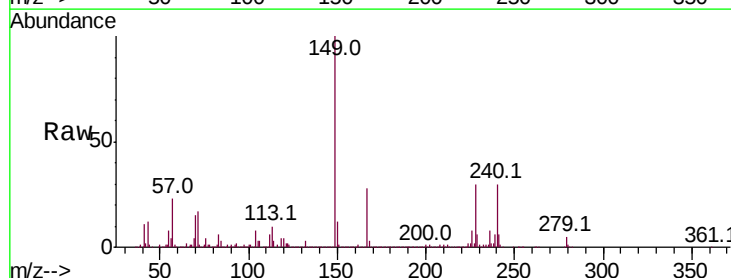
Tgt Ion:240 Resp: 612888

Ion Ratio Lower Upper

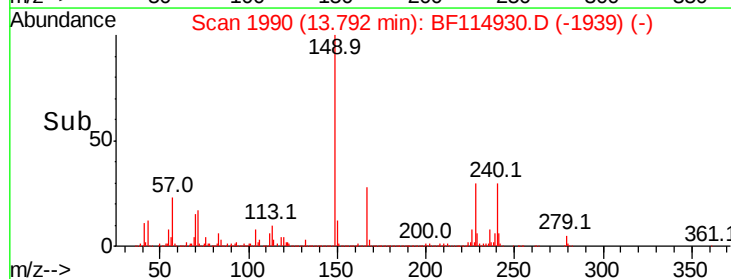
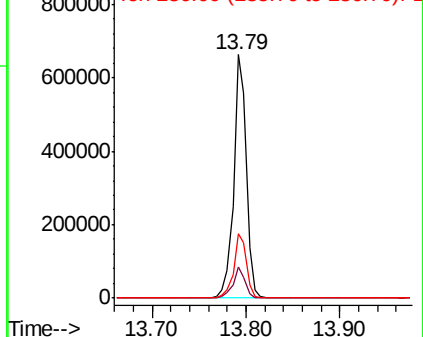
240 100

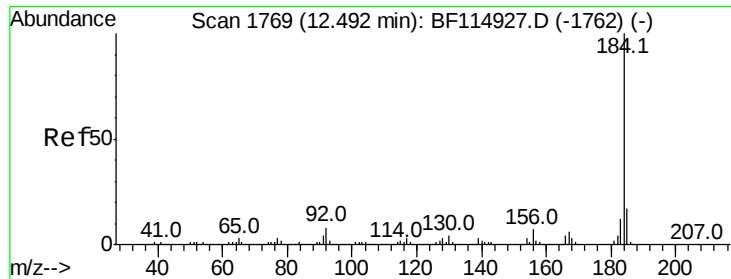
120 12.7 9.2 13.8

236 26.3 21.7 32.5



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





#77

Benzidine

Concen: 60.585 ng

RT: 12.49 min Scan# 1769

Delta R.T. -0.00 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:184 Resp: 1838218

Ion Ratio Lower Upper

184 100

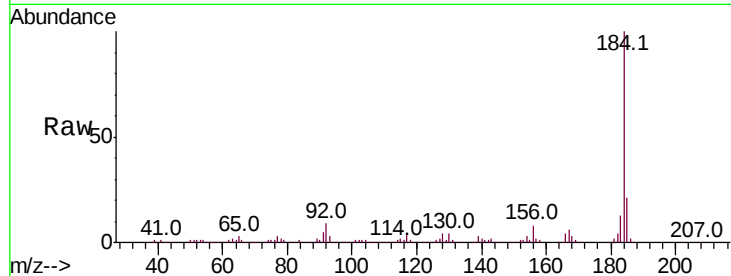
185 21.4 13.4 20.0#

183 12.5 9.8 14.6

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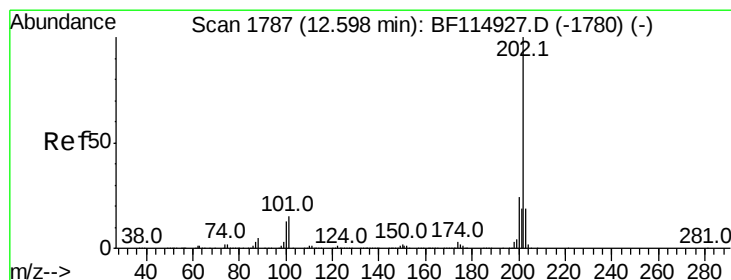
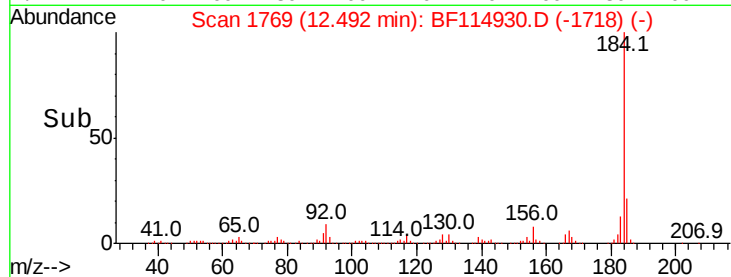
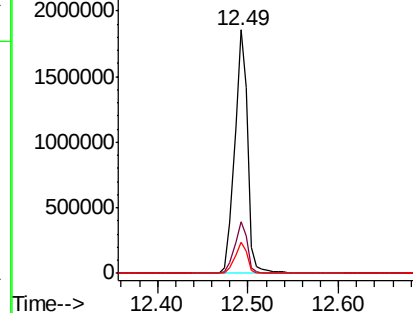
6/12/2019 9:13:20 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 72.633 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

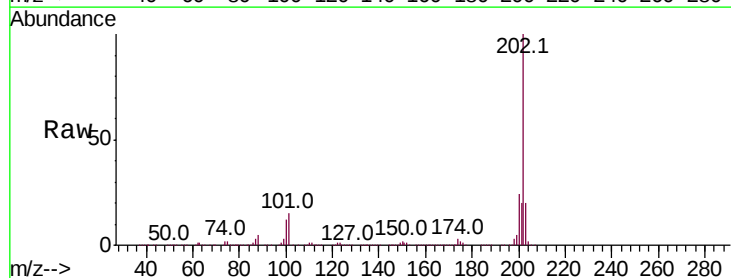
Tgt Ion:202 Resp: 3861773

Ion Ratio Lower Upper

202 100

200 24.3 18.9 28.3

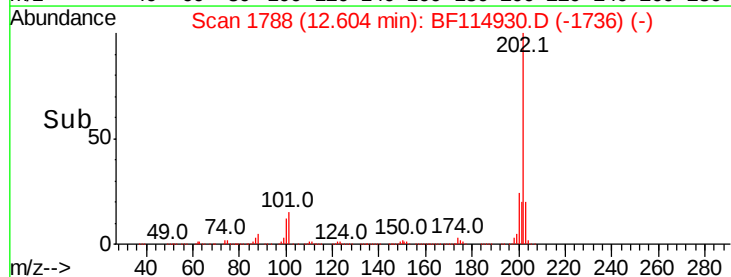
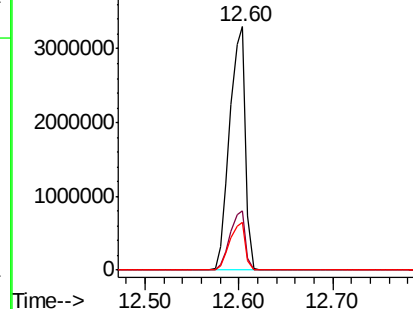
203 19.5 15.2 22.8

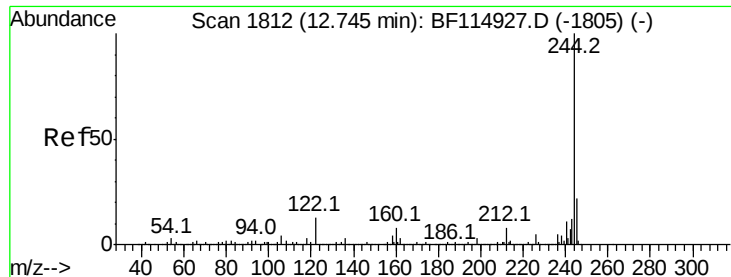


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 137.524 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:244 Resp: 4334058

Ion Ratio Lower Upper

244 100

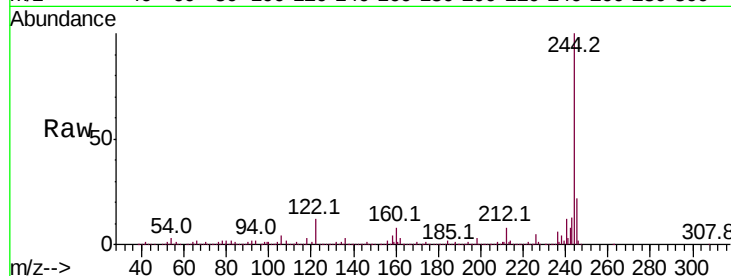
212 8.0 6.2 9.2

122 12.3 10.2 15.4

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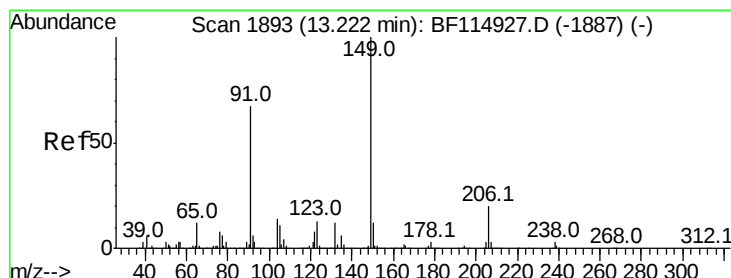
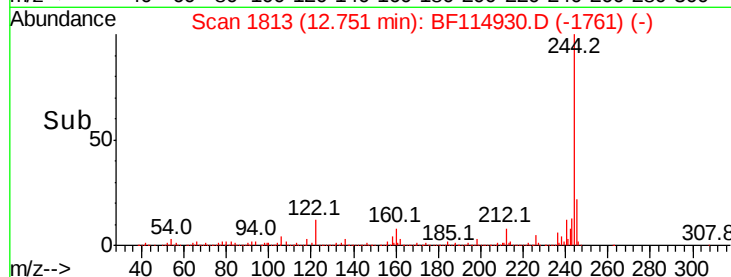
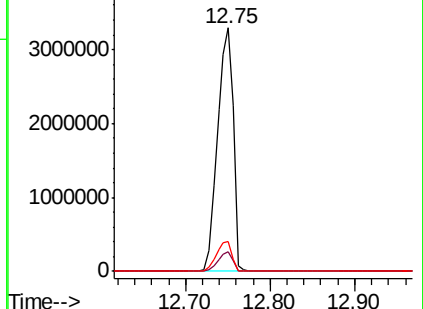
6/12/2019 9:13:20 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 74.529 ng

RT: 13.23 min Scan# 1894

Delta R.T. 0.01 min

Lab File: BF114930.D

Acq: 10 Jun 2019 12:45

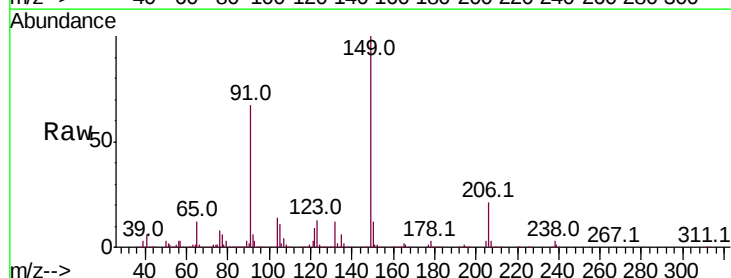
Tgt Ion:149 Resp: 2001015

Ion Ratio Lower Upper

149 100

91 67.2 53.8 80.8

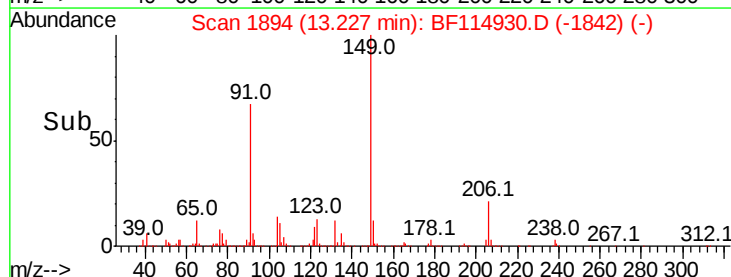
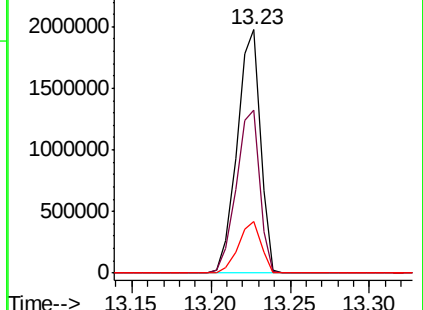
206 21.4 16.3 24.5

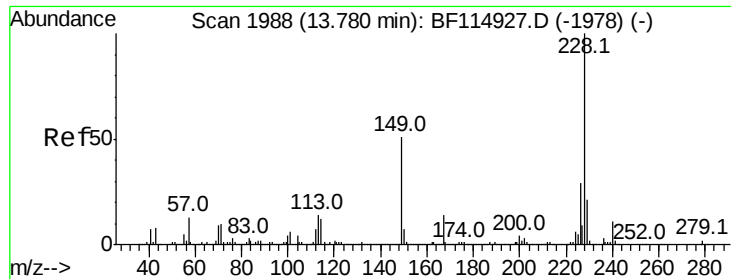


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





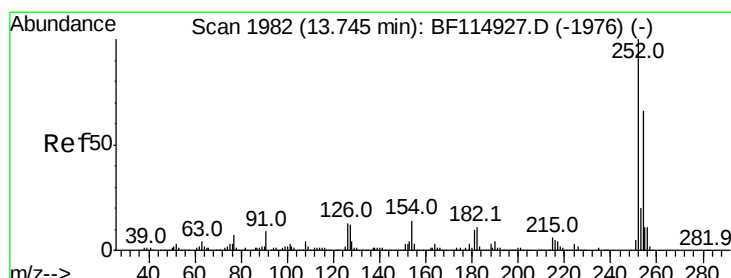
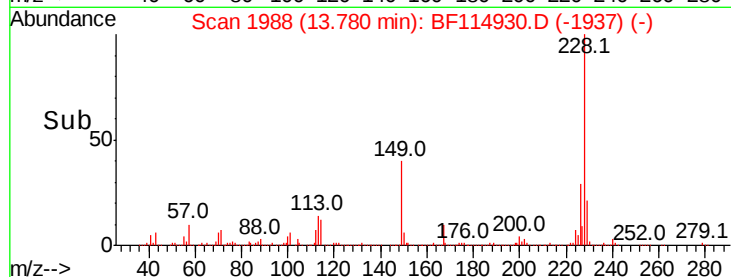
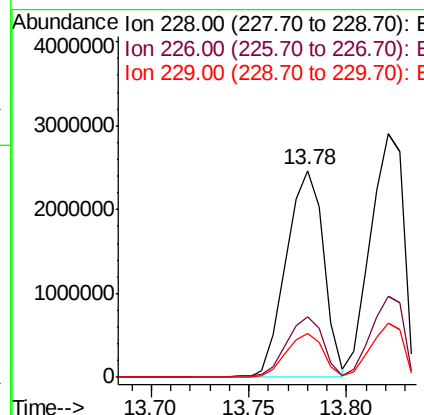
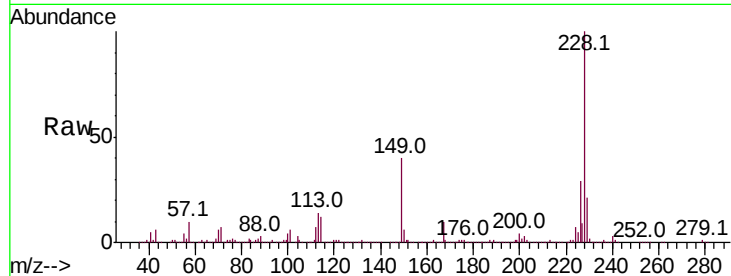
#81
Benzo(a)anthracene
Concen: 69.394 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.8	34.2
229	21.3	16.6	25.0

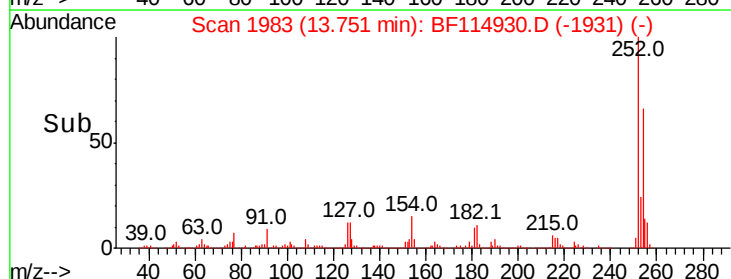
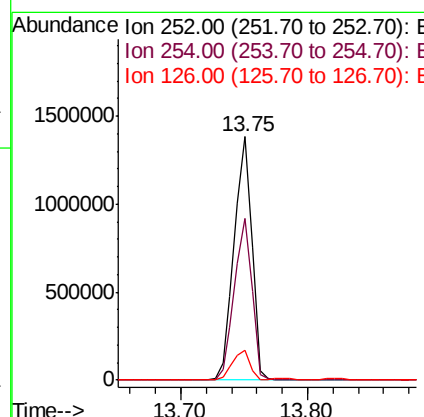
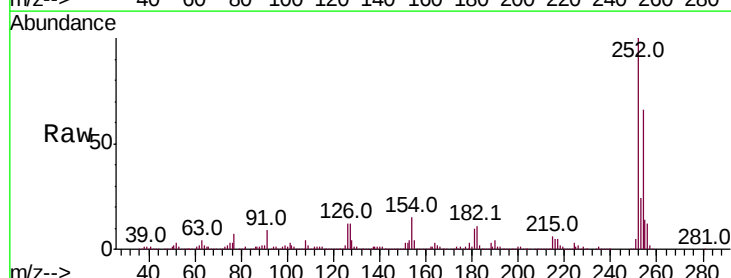
Manual Integrations
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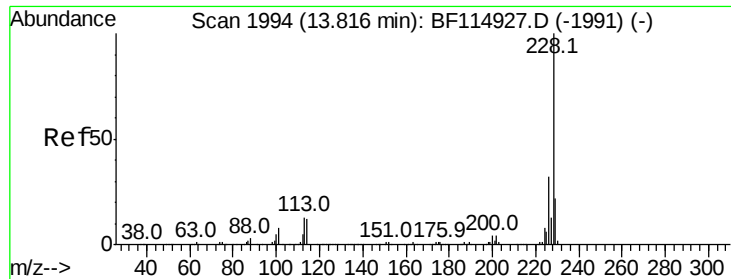
mohammad
6/12/2019 9:13:20 AM



#82
3,3'-Dichlorobenzidine
Concen: 70.127 ng
RT: 13.75 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.3	52.6	78.8
126	12.3	10.4	15.6





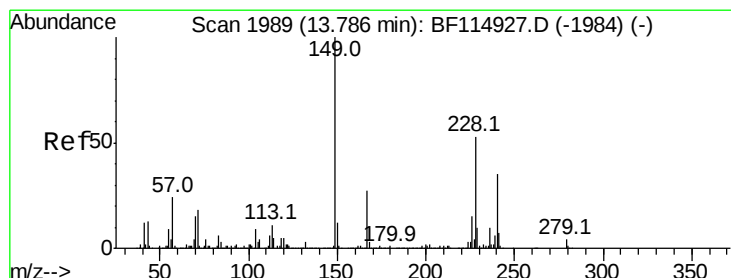
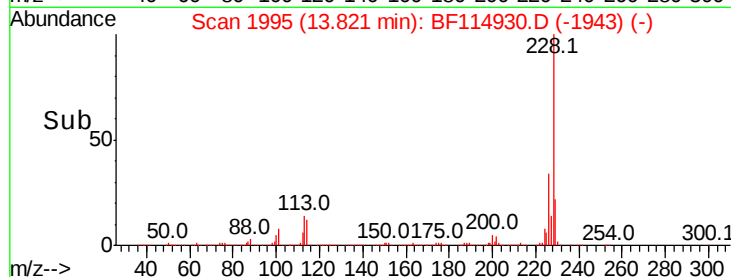
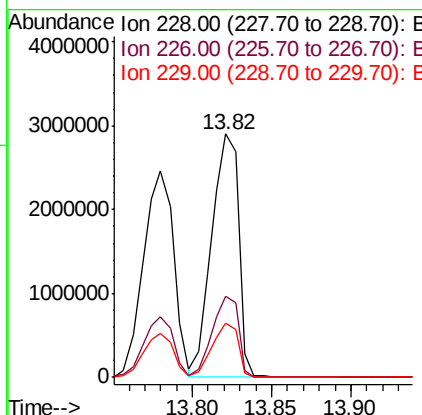
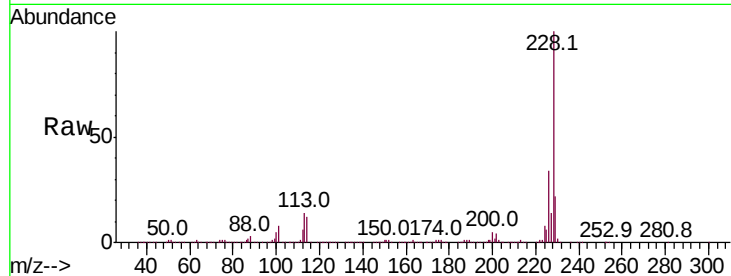
#83
Chrysene
Concen: 74.488 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.5	25.8	38.8
229	22.1	17.2	25.8

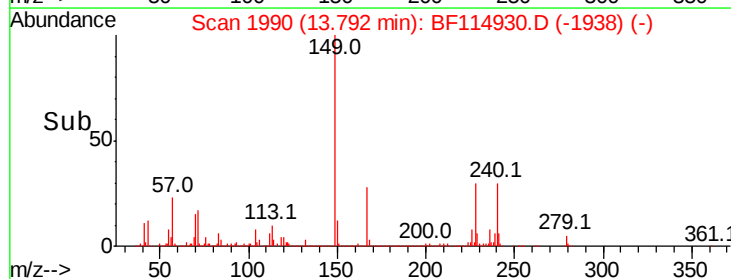
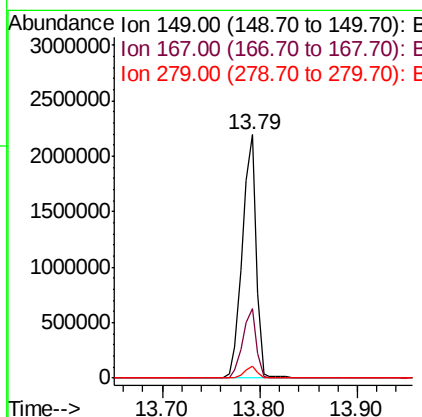
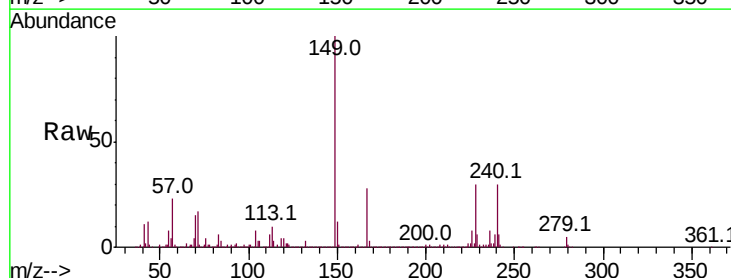
Manual Integrations
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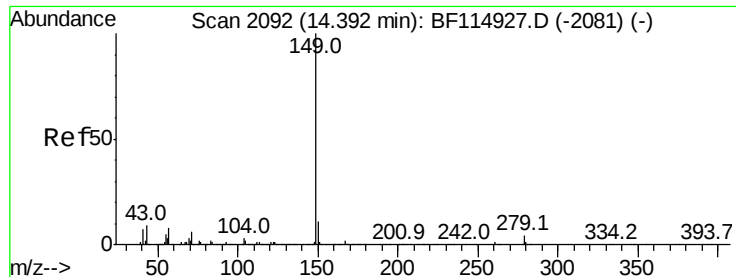
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 63.732 ng
RT: 13.79 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.9	32.9
279	4.8	3.2	4.8#





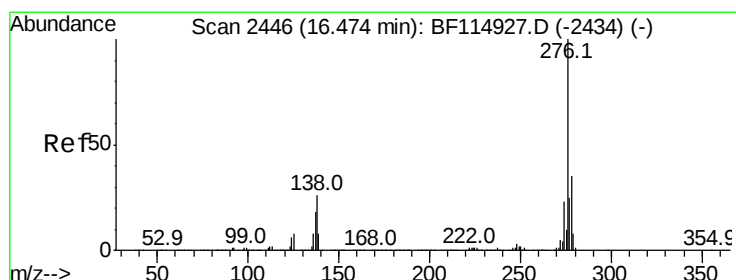
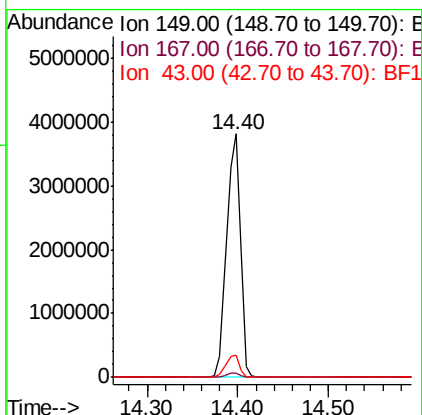
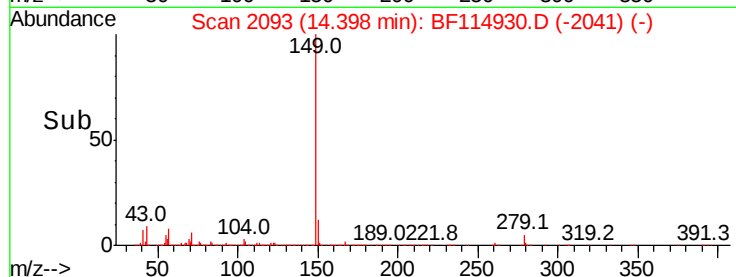
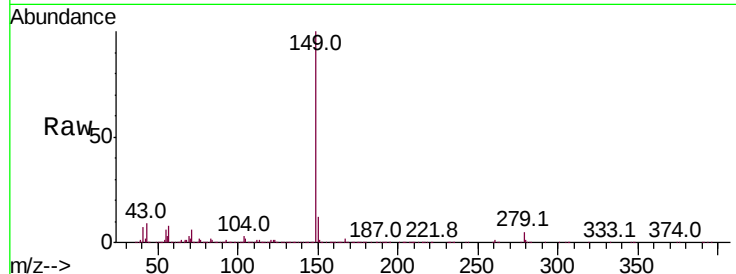
#85
Di-n-octyl phthalate
Concen: 69.114 ng
RT: 14.40 min Scan# 2093
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.9	6.8	10.2

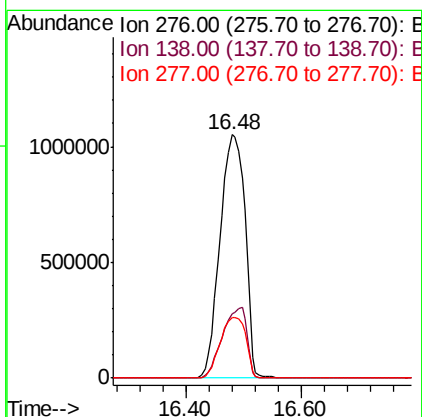
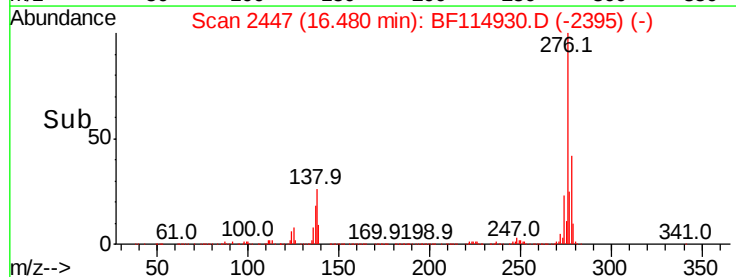
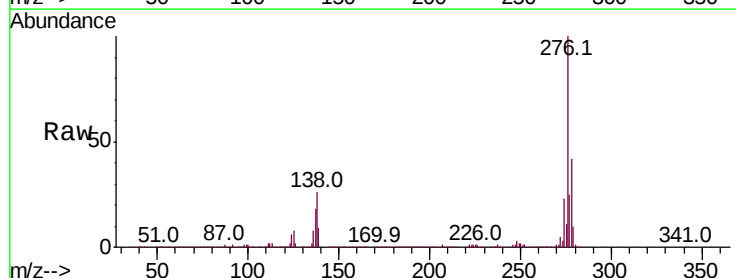
Manual Integrations
APPROVED

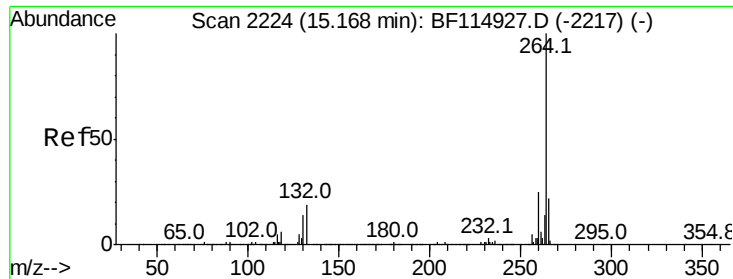
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 60.712 ng
RT: 16.48 min Scan# 2447
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	23.3	34.9
277	25.6	20.5	30.7





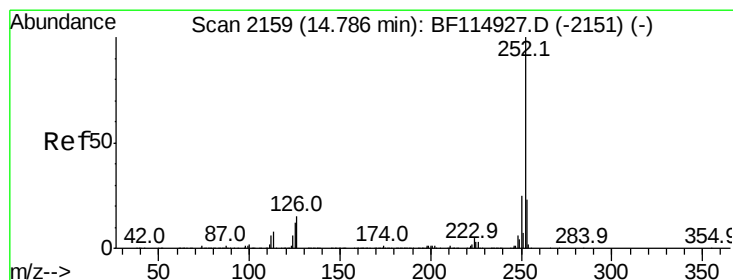
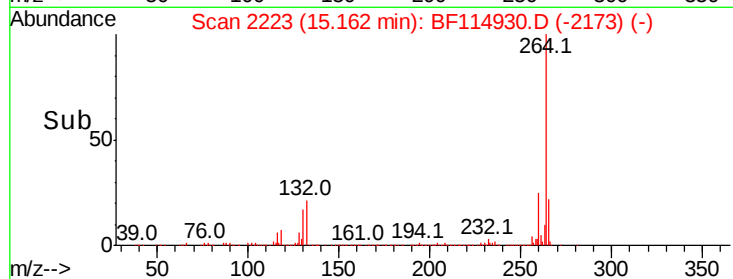
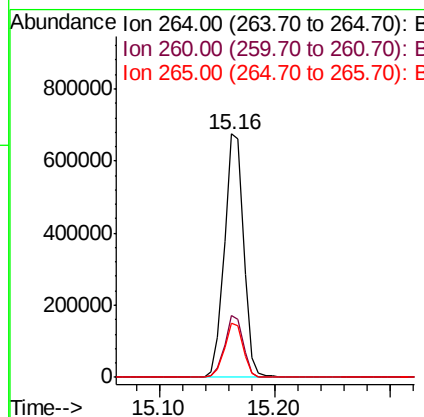
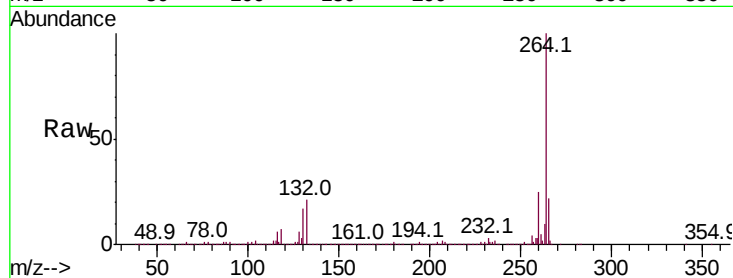
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.7	29.5
265	22.1	17.5	26.3

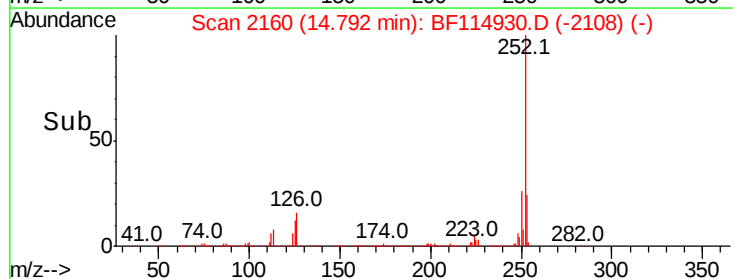
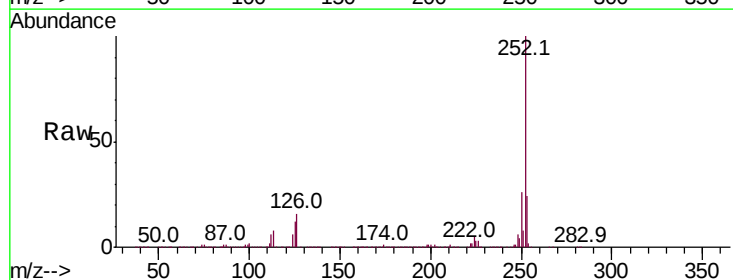
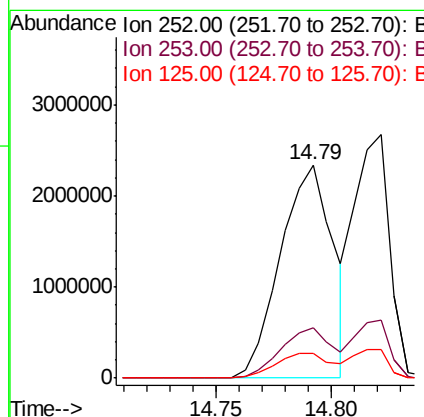
Manual Integrations
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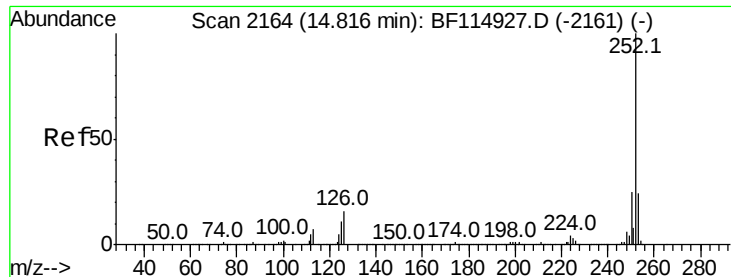
mohammad
6/12/2019 9:13:20 AM



#88
Benzo(b)fluoranthene
Concen: 74.229 ng
RT: 14.79 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.6	28.0
125	11.7	9.5	14.3





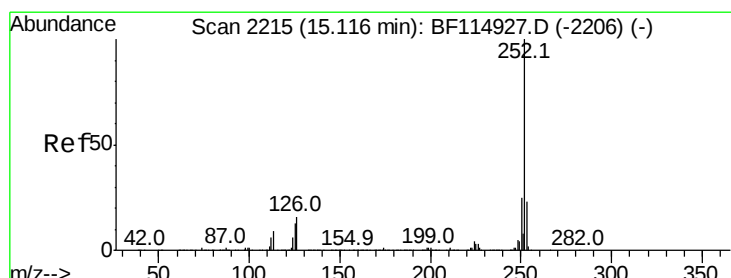
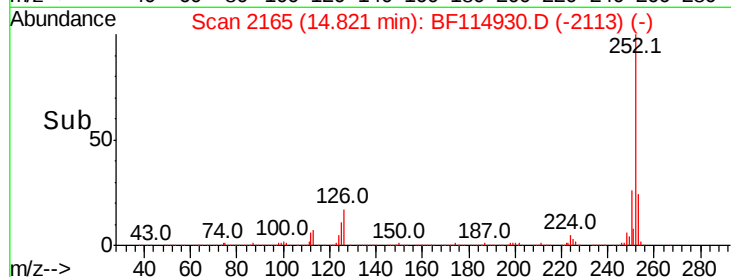
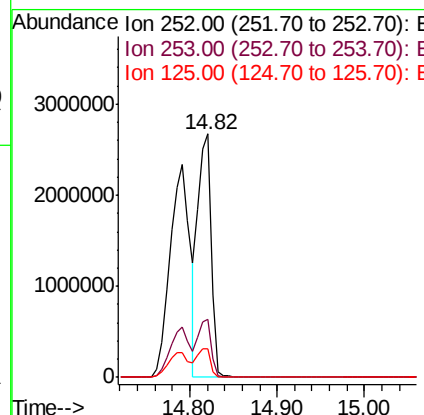
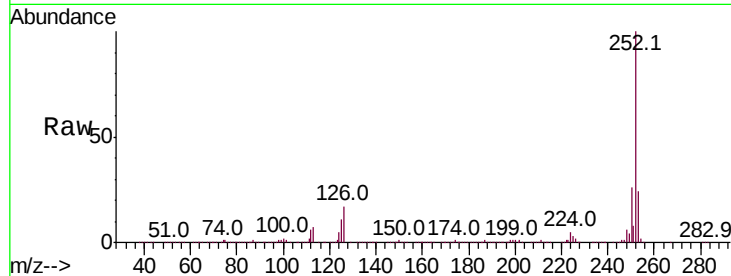
#89
Benzo(k)fluoranthene
Concen: 67.528 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.6	28.0
125	11.5	9.2	13.8

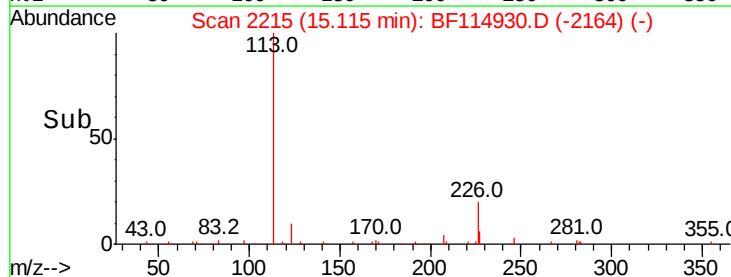
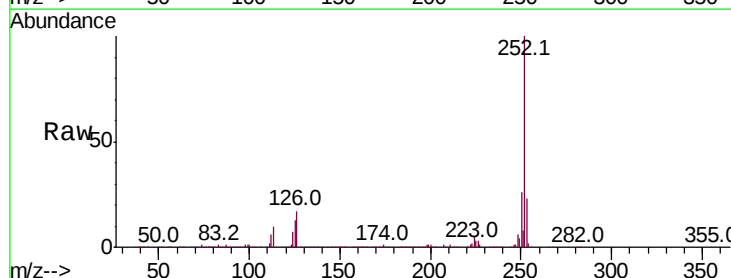
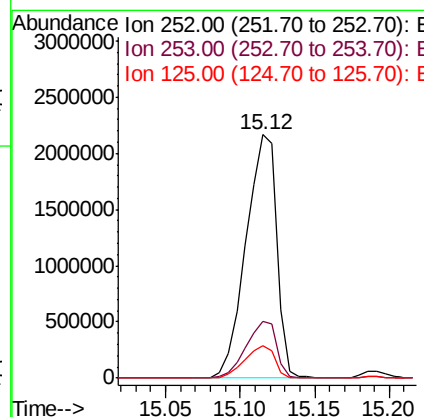
Manual Integrations
APPROVED

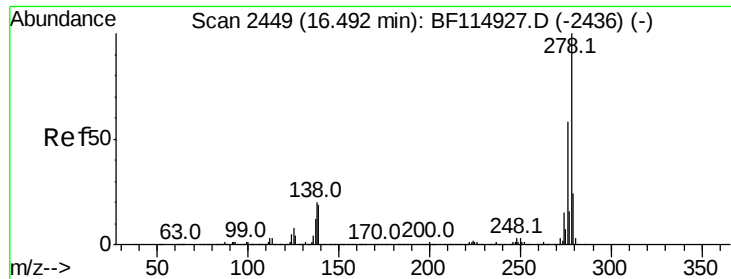
mohammad
6/12/2019 9:13:20 AM



#90
Benzo(a)pyrene
Concen: 71.754 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	13.3	10.1	15.1





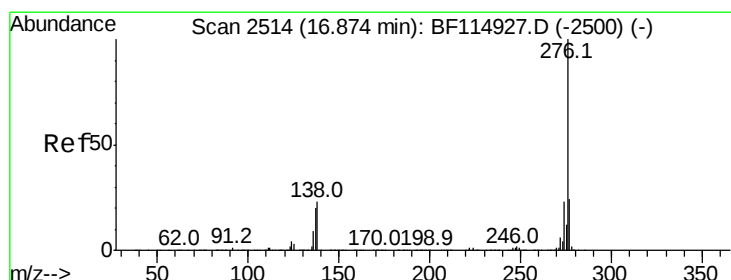
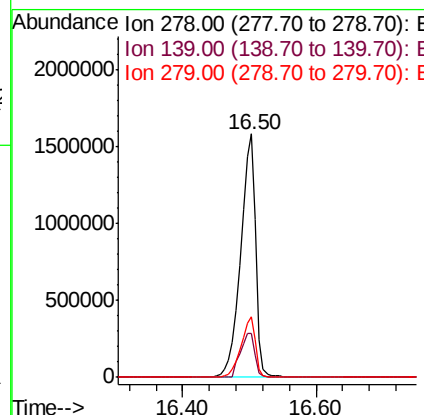
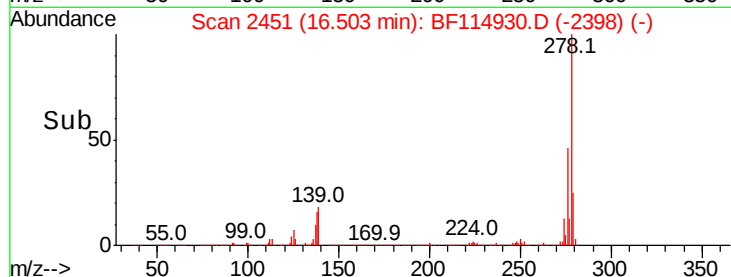
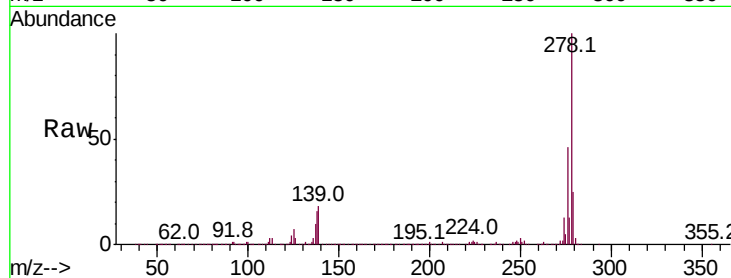
#91
Dibenzo(a,h)anthracene
Concen: 61.755 ng
RT: 16.50 min Scan# 2451
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:278 Resp: 2517494
Ion Ratio Lower Upper
278 100
139 18.0 15.1 22.7
279 24.7 19.6 29.4

Manual Integrations
APPROVED

mohammad
6/12/2019 9:13:20 AM



#92
Benzo(g,h,i)perylene
Concen: 62.479 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BF114930.D
Acq: 10 Jun 2019 12:45

Tgt Ion:276 Resp: 2561279
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.6
138 25.0 18.7 28.1

