

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071921\
 Data File : BF124622.D
 Acq On : 19 Jul 2021 19:48
 Operator : JU/CG
 Sample : M3050-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-018-ABCD

Quant Time: Jul 20 02:04:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 19 11:33:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

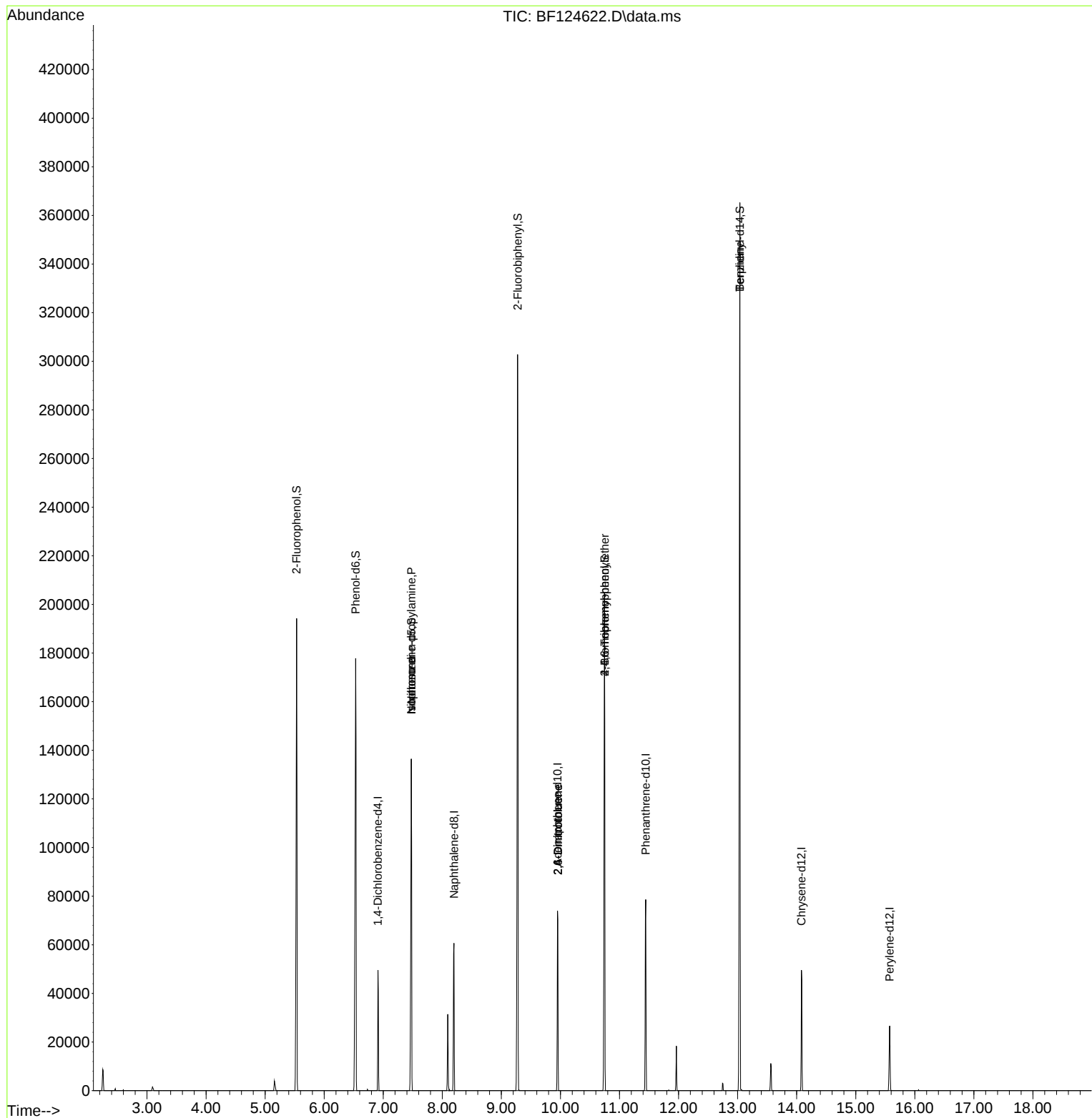
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	7633	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	29710	20.00	ng	# 0.00
39) Acenaphthene-d10	9.951	164	16686	20.00	ng	0.00
64) Phenanthrene-d10	11.445	188	30914	20.00	ng	0.00
76) Chrysene-d12	14.080	240	19152	20.00	ng	0.00
86) Perylene-d12	15.574	264	12903	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	58477	132.73	ng	0.00
7) Phenol-d6	6.534	99	71679	133.74	ng	-0.01
23) Nitrobenzene-d5	7.475	82	45857	97.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	20873	160.75	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	107113	93.61	ng	0.00
79) Terphenyl-d14	13.039	244	124206	108.90	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	5880	19.51	ng	# 74
25) Isophorone	7.475	82	45423	52.57	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	2113	9.23	ng	# 26
57) 2,4-Dinitrotoluene	9.957	165	2113	6.74	ng	# 18
67) 4-Bromophenyl-phenylether	10.751	248	1610	5.04	ng	# 1
77) Benzidine	13.039	184	1940	2.71	ng	# 81

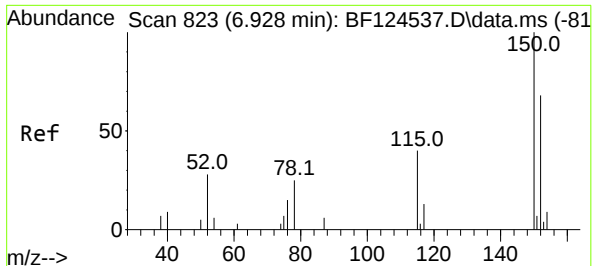
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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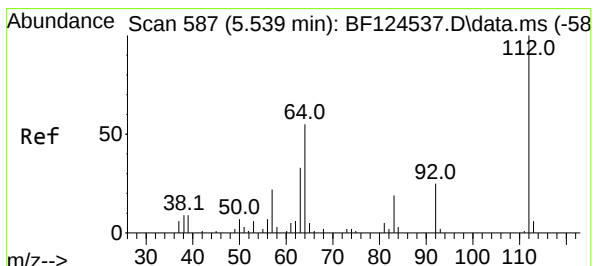
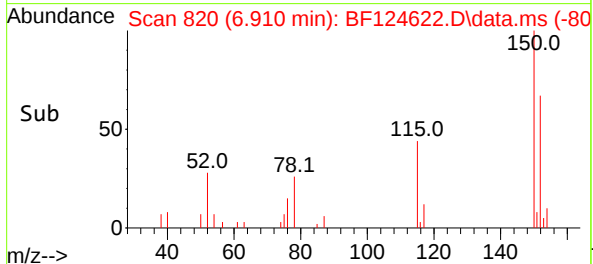
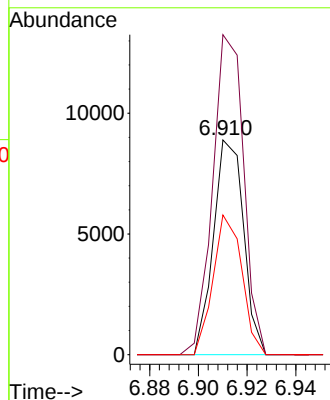
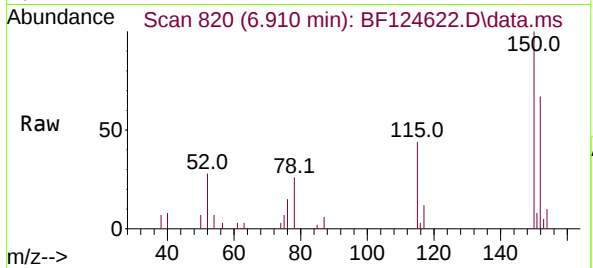




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF124622.D
Acq: 19 Jul 2021 19:48

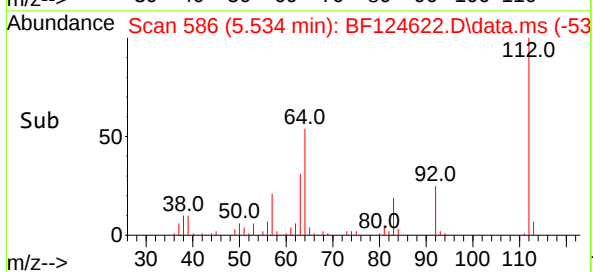
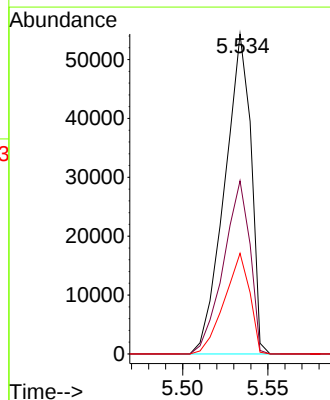
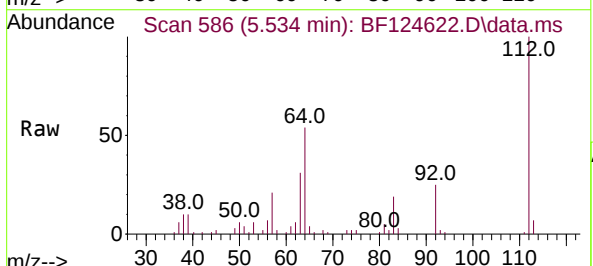
Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-018-ABCD

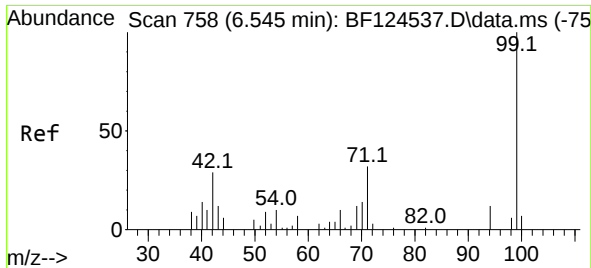
Tgt Ion:152 Resp: 7633
Ion Ratio Lower Upper
152 100
150 149.0 117.6 176.4
115 65.1 47.1 70.7



#5
2-Fluorophenol
Concen: 132.73 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.000 min
Lab File: BF124622.D
Acq: 19 Jul 2021 19:48

Tgt Ion:112 Resp: 58477
Ion Ratio Lower Upper
112 100
64 54.1 44.2 66.2
63 31.5 26.2 39.2

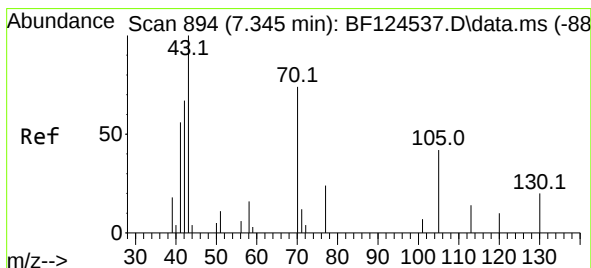
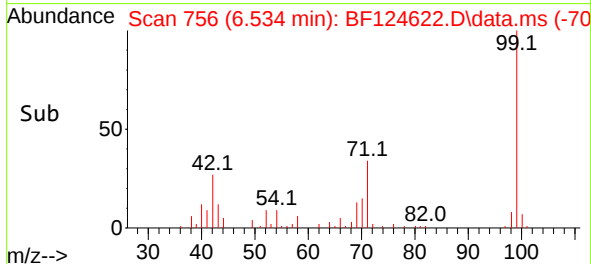
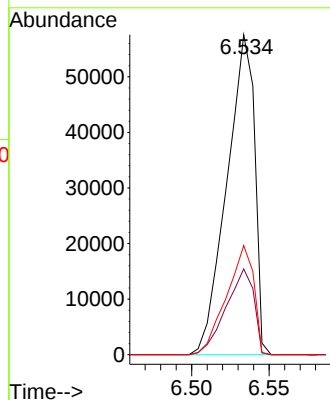
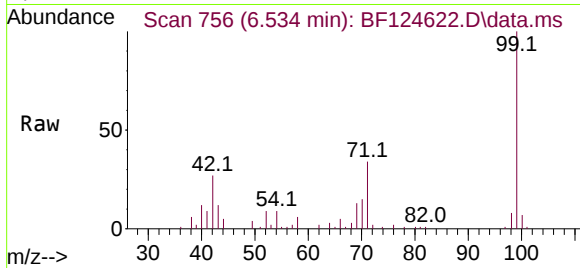




#7
Phenol-d6
Concen: 133.74 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.012 min
Lab File: BF124622.D
Acq: 19 Jul 2021 19:48

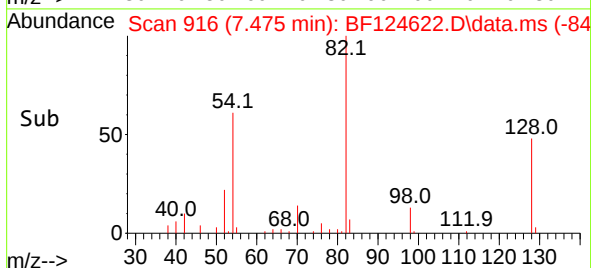
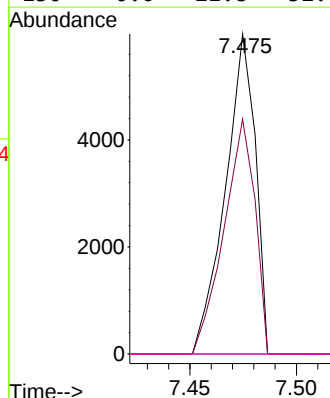
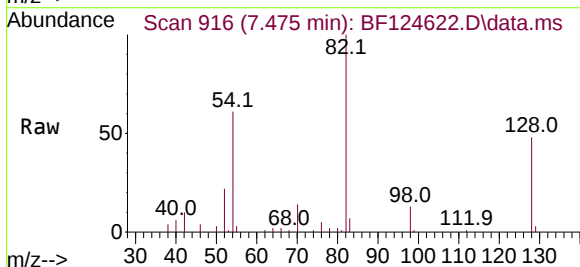
Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-018-ABCD

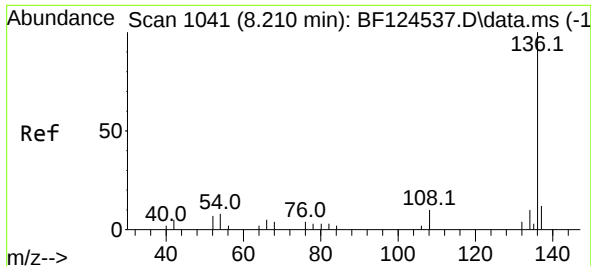
Tgt Ion:	99	Resp:	71679
Ion	Ratio	Lower	Upper
99	100		
42	26.8	23.5	35.3
71	34.1	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.51 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF124622.D
Acq: 19 Jul 2021 19:48

Tgt Ion:	70	Resp:	5880
Ion	Ratio	Lower	Upper
70	100		
42	73.4	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

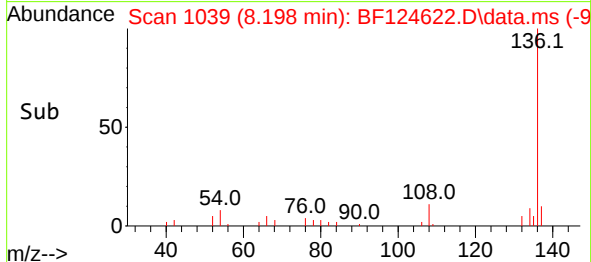
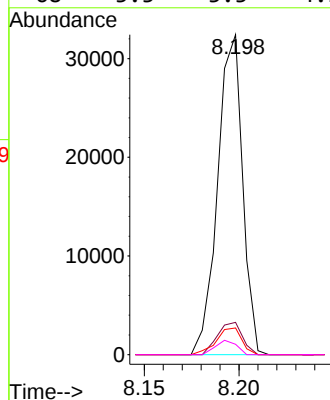
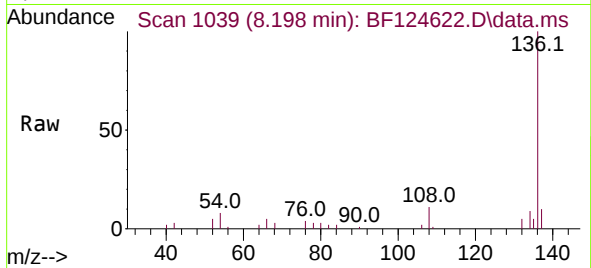




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF124622.D
Acq: 19 Jul 2021 19:48

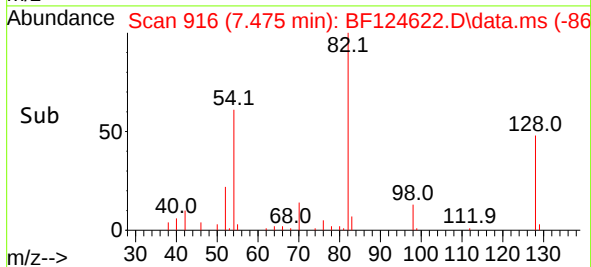
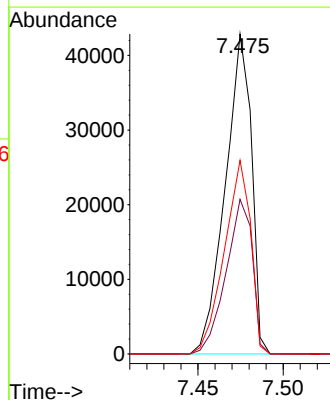
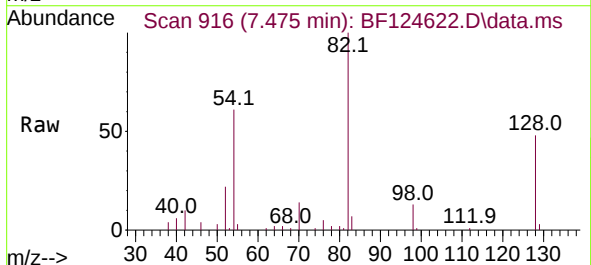
Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-018-ABCD

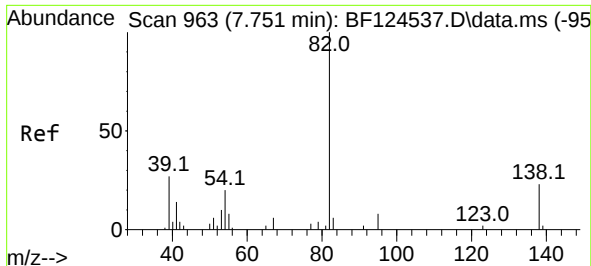
Tgt Ion:136	Resp:	29710
Ion Ratio	Lower	Upper
136	100	
137	10.1	9.8 14.6
54	8.4	6.4 9.6
68	3.3	3.3 4.9



#23
Nitrobenzene-d5
Concen: 97.44 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF124622.D
Acq: 19 Jul 2021 19:48

Tgt Ion: 82	Resp:	45857
Ion Ratio	Lower	Upper
82	100	
128	48.3	40.6 60.8
54	60.5	49.6 74.4

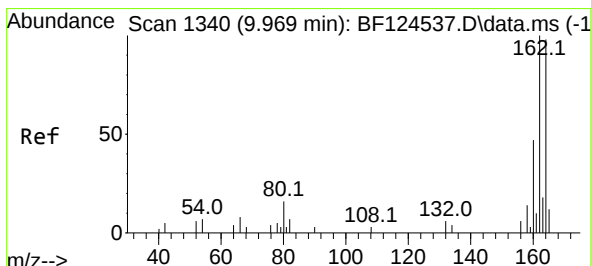
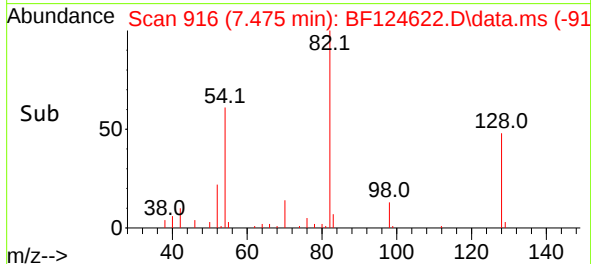
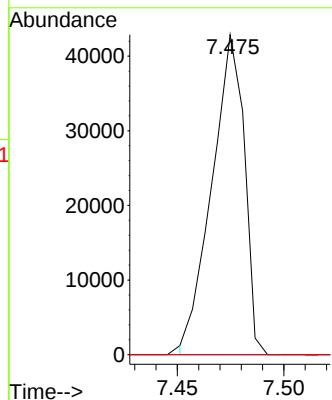
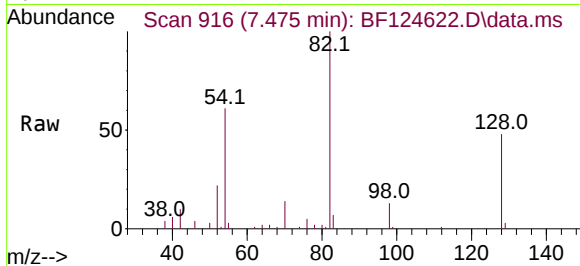




#25
Isophorone
Concen: 52.57 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.270 min
Lab File: BF124622.D
Acq: 19 Jul 2021 19:48

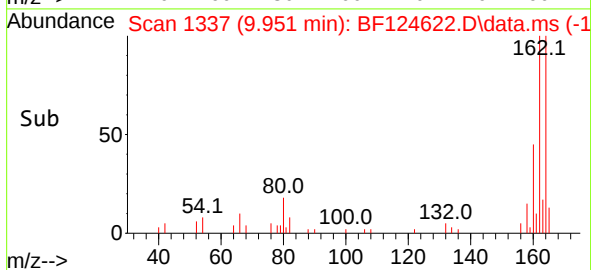
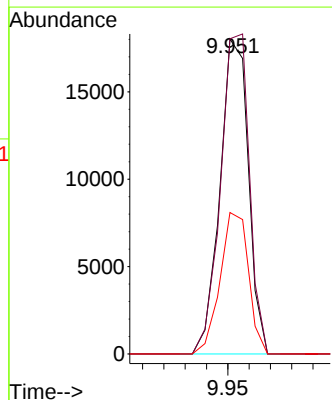
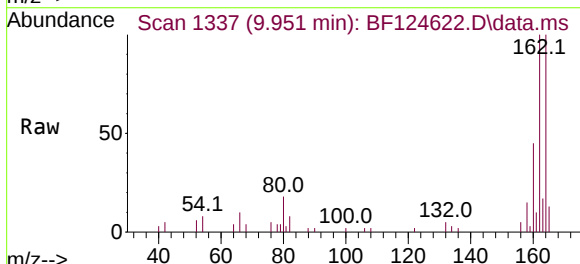
Instrument :
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ClientSampleId :
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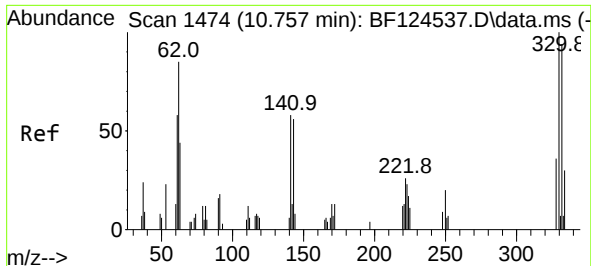
Tgt Ion: 82 Resp: 45423
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF124622.D
Acq: 19 Jul 2021 19:48

Tgt Ion: 164 Resp: 16686
Ion Ratio Lower Upper
164 100
162 100.1 81.3 121.9
160 44.9 38.0 57.0

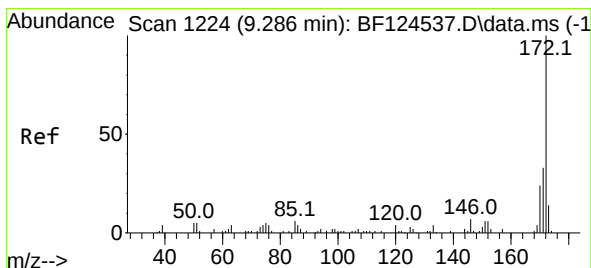
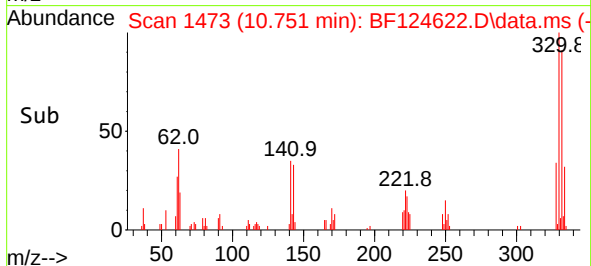
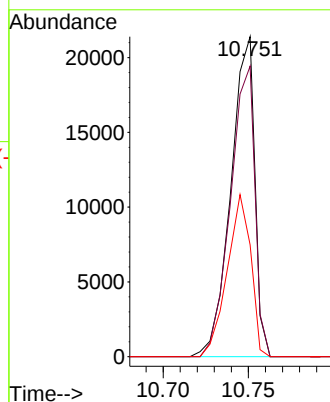
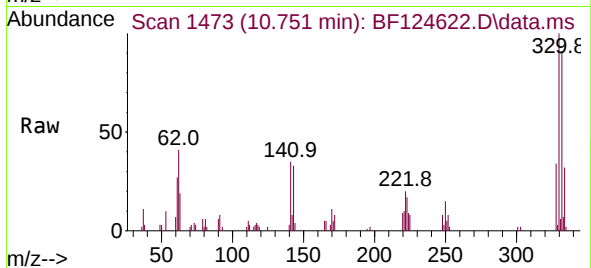




#42
2,4,6-Tribromophenol
Concen: 160.75 ng
RT: 10.751 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BF124622.D
Acq: 19 Jul 2021 19:48

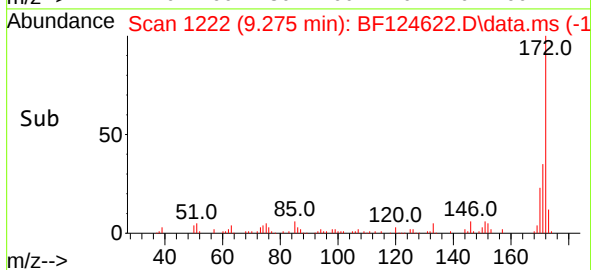
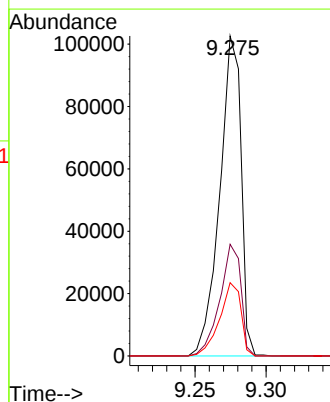
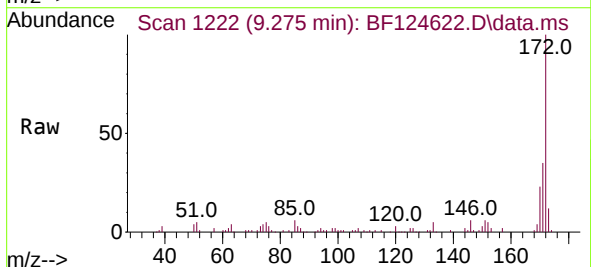
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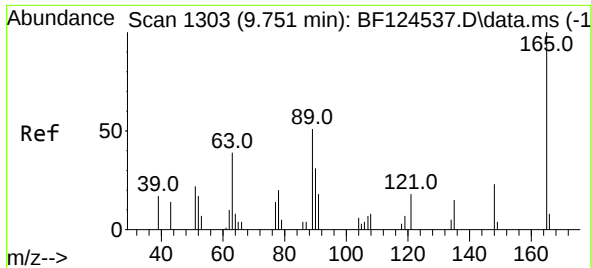
Tgt Ion:330 Resp: 20873
Ion Ratio Lower Upper
330 100
332 92.8 76.2 114.4
141 49.9 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 93.61 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF124622.D
Acq: 19 Jul 2021 19:48

Tgt Ion:172 Resp: 107113
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 22.9 18.8 28.2

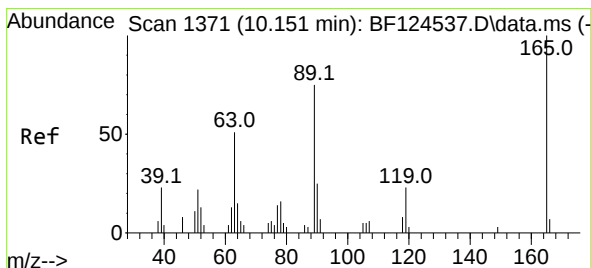
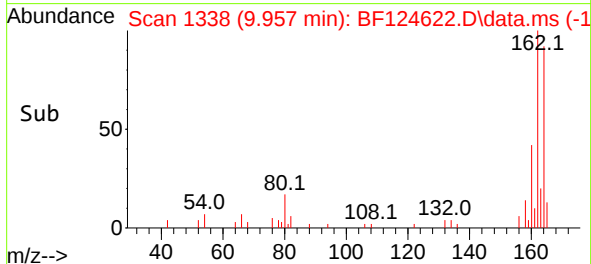
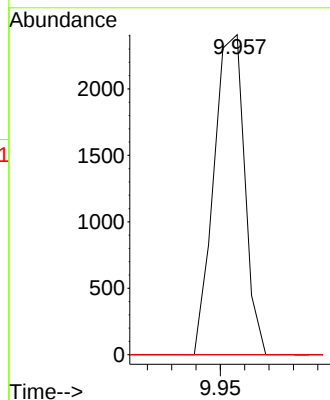
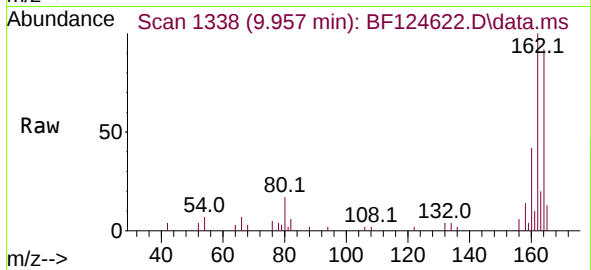




#51
2,6-Dinitrotoluene
Concen: 9.23 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF124622.D
Acq: 19 Jul 2021 19:48

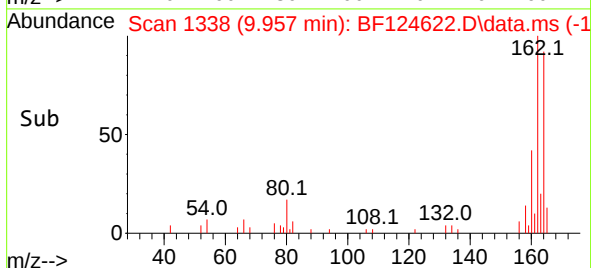
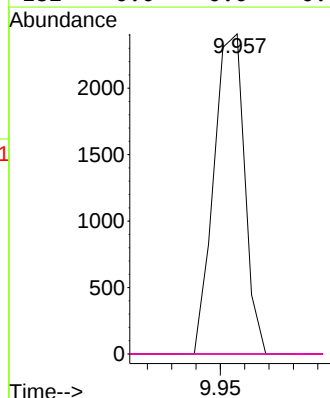
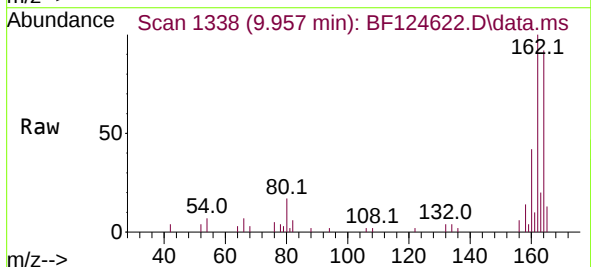
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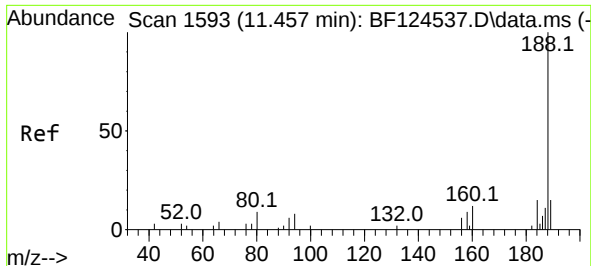
Tgt Ion:165 Resp: 2113
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.74 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF124622.D
Acq: 19 Jul 2021 19:48

Tgt Ion:165 Resp: 2113
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

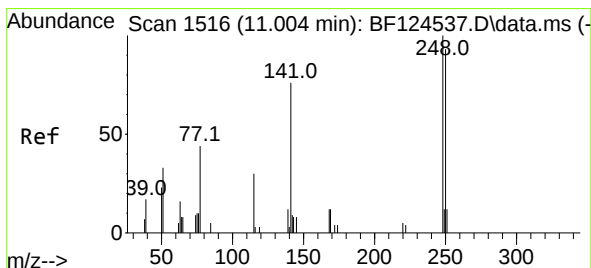
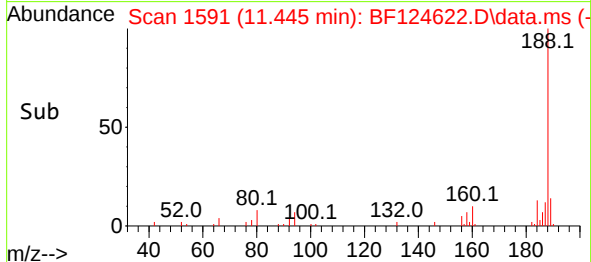
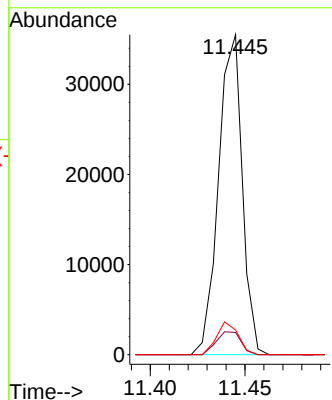
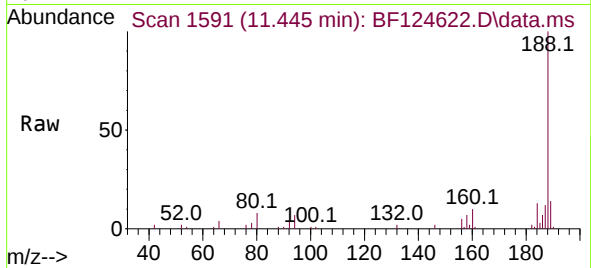




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF124622.D
Acq: 19 Jul 2021 19:48

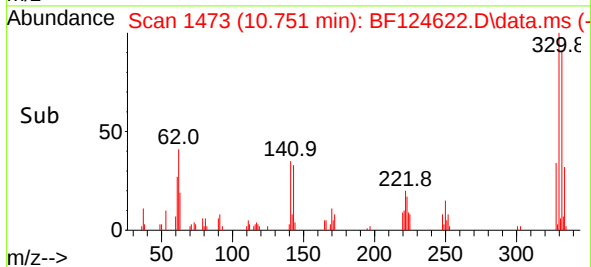
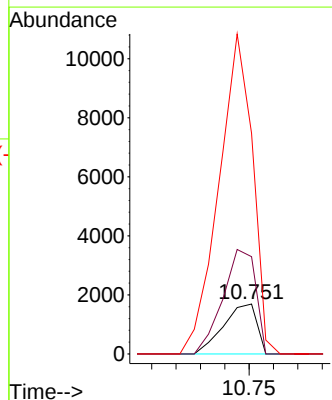
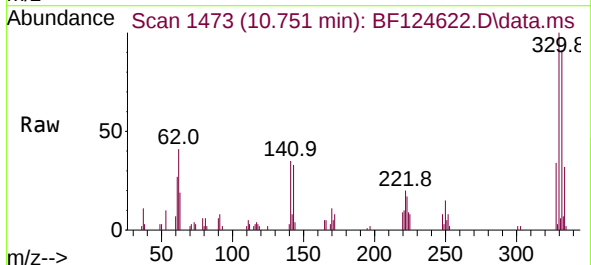
Instrument :
BNA_F
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FK-BPM-04-018-ABCD

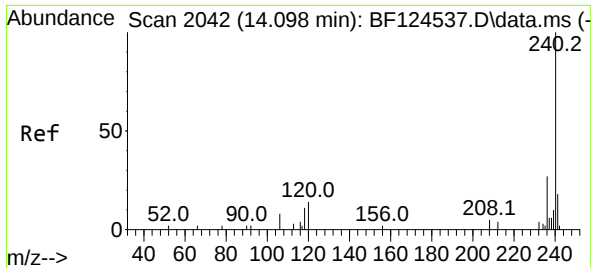
Tgt Ion:188 Resp: 30914
Ion Ratio Lower Upper
188 100
94 7.0 6.7 10.1
80 7.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 5.04 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.241 min
Lab File: BF124622.D
Acq: 19 Jul 2021 19:48

Tgt Ion:248 Resp: 1610
Ion Ratio Lower Upper
248 100
250 194.5 74.2 111.4#
141 441.6 60.4 90.6#

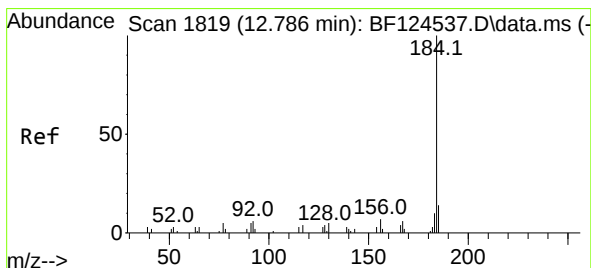
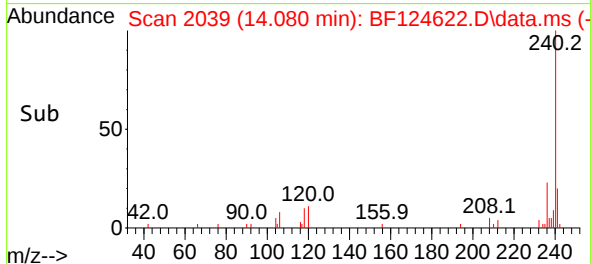
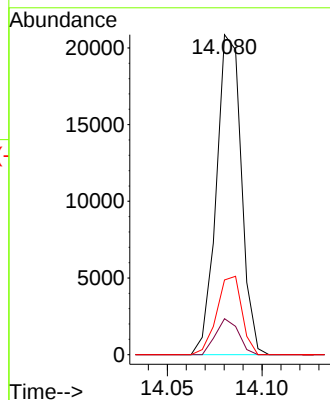
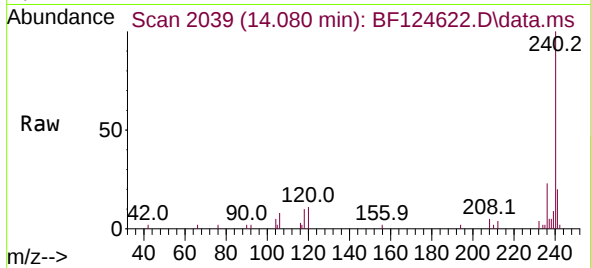




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF124622.D
Acq: 19 Jul 2021 19:48

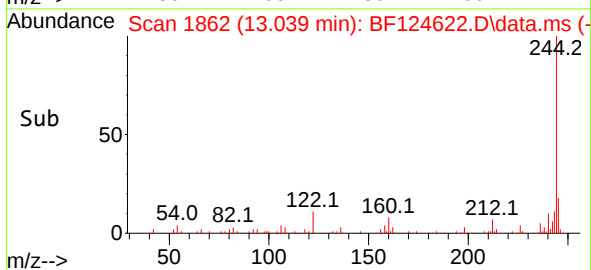
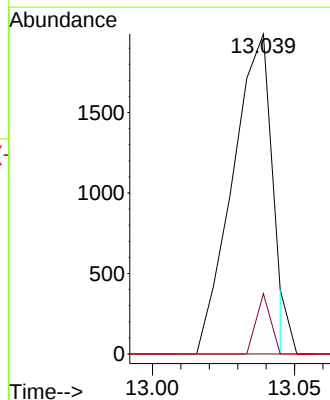
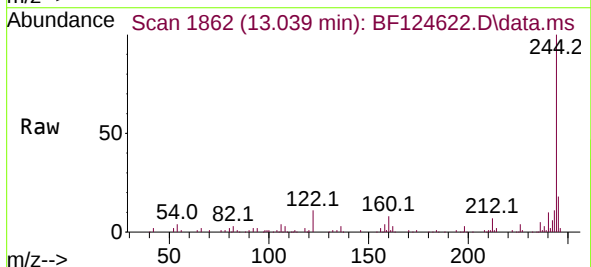
Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-018-ABCD

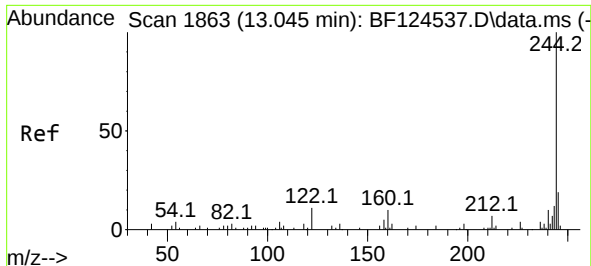
Tgt Ion:240 Resp: 19152
Ion Ratio Lower Upper
240 100
120 11.3 10.8 16.2
236 23.3 21.6 32.4



#77
Benzidine
Concen: 2.71 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.265 min
Lab File: BF124622.D
Acq: 19 Jul 2021 19:48

Tgt Ion:184 Resp: 1940
Ion Ratio Lower Upper
184 100
185 18.8 10.8 16.2#
183 0.0 8.1 12.1#

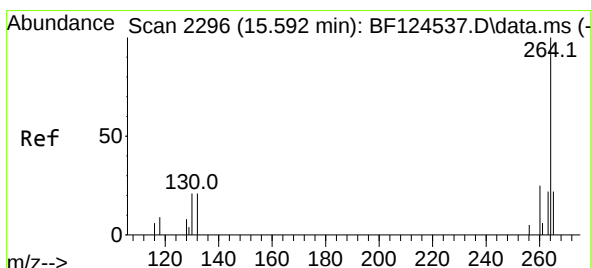
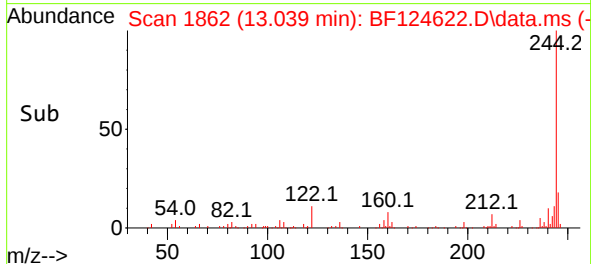
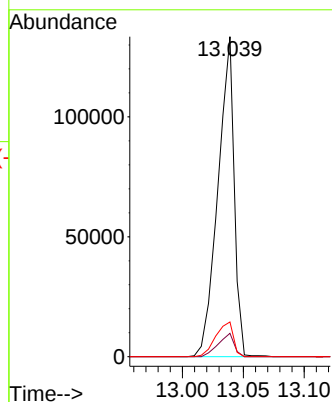
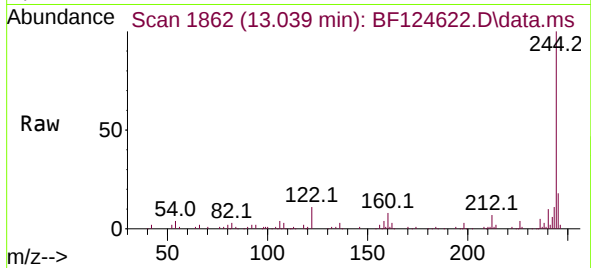




#79
 Terphenyl-d14
 Concen: 108.90 ng
 RT: 13.039 min Scan# 1862
 Delta R.T. 0.006 min
 Lab File: BF124622.D
 Acq: 19 Jul 2021 19:48

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-04-018-ABCD

Tgt Ion:244 Resp: 124206
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.8 9.0 13.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. 0.006 min
 Lab File: BF124622.D
 Acq: 19 Jul 2021 19:48

Tgt Ion:264 Resp: 12903
 Ion Ratio Lower Upper
 264 100
 260 21.1 19.6 29.4
 265 21.2 17.2 25.8

