

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
 Data File : BF123608.D
 Acq On : 16 Apr 2021 23:59
 Operator : JU/CG
 Sample : M2052-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-041521

Quant Time: Apr 17 01:27:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 10:31:33 2021
 Response via : Initial Calibration

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

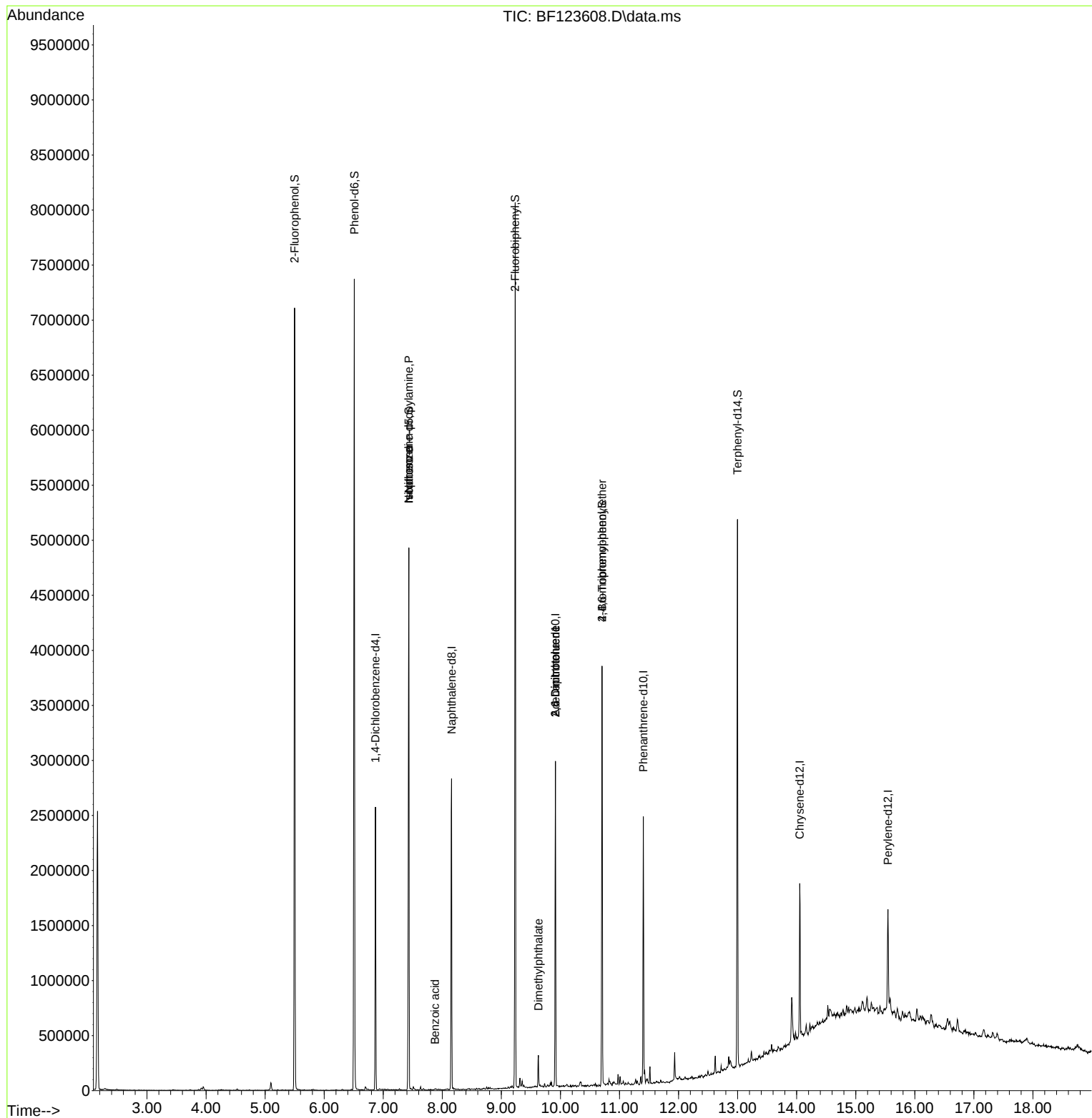
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	306142	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	1105686	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	519292	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	780146	20.00	ng	0.00
76) Chrysene-d12	14.051	240	484403	20.00	ng	# 0.00
86) Perylene-d12	15.545	264	418941	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1546463	81.64	ng	0.02
7) Phenol-d6	6.510	99	2033332	77.47	ng	0.01
23) Nitrobenzene-d5	7.434	82	1416825	58.91	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	406364	69.10	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2192315	62.93	ng	0.00
79) Terphenyl-d14	12.998	244	1510716	60.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	198376	11.41	ng	# 75
25) Isophorone	7.434	82	1412633	30.27	ng	# 69
32) Benzoic acid	7.875	122	113	4.56	ng	# 1
50) Dimethylphthalate	9.628	163	85848	2.39	ng	98
51) 2,6-Dinitrotoluene	9.916	165	67707	8.60	ng	# 11
57) 2,4-Dinitrotoluene	9.916	165	67707	6.44	ng	# 17
67) 4-Bromophenyl-phenylether	10.704	248	22025	2.70	ng	# 1
89) Benzo(k)fluoranthene	15.104	252	28613	Below Cal		# 54
92) Benzo(g,h,i)perylene	17.486	276	9622	Below Cal		# 89

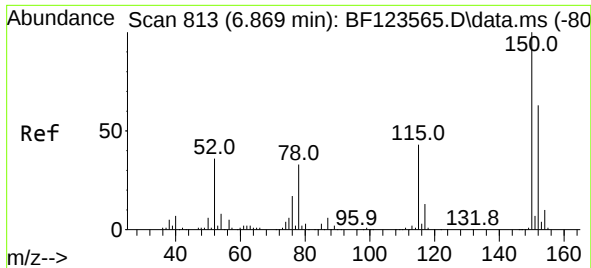
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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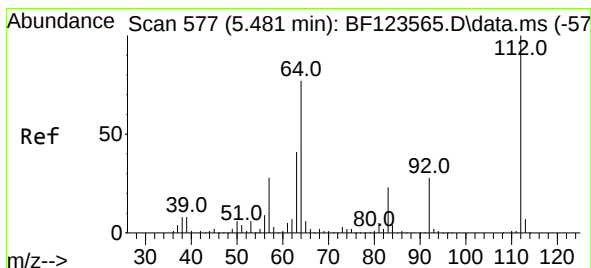
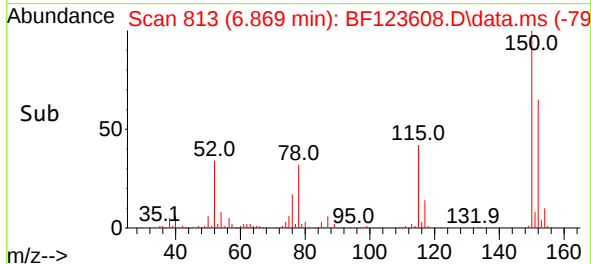
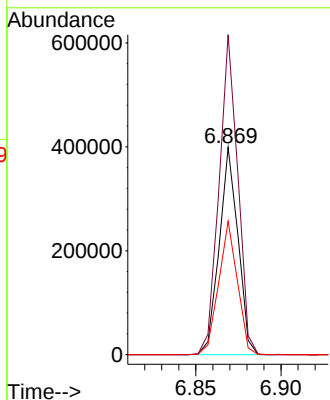
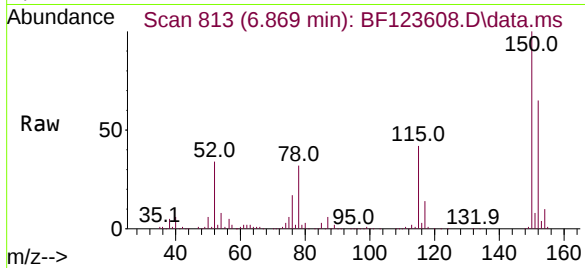




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123608.D
Acq: 16 Apr 2021 23:59

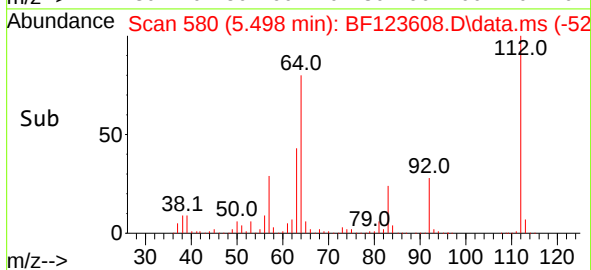
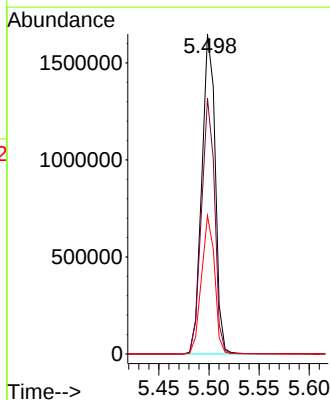
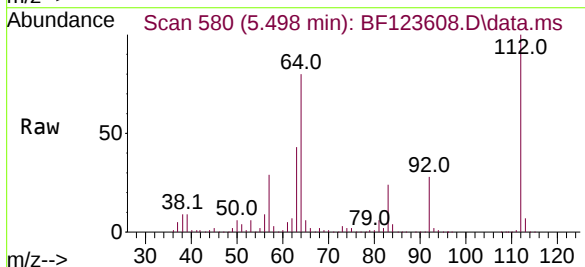
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BNA_F
ClientSampleId :
OK-02-041521

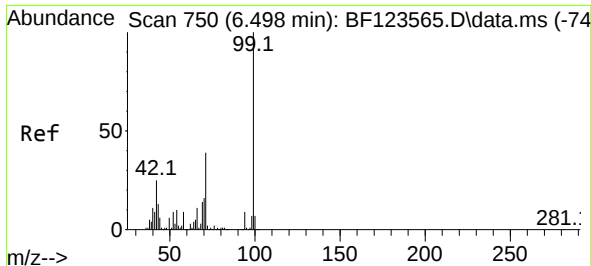
Tgt Ion:152 Resp: 306142
Ion Ratio Lower Upper
152 100
150 154.4 127.0 190.6
115 64.4 54.3 81.5



#5
2-Fluorophenol
Concen: 81.64 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF123608.D
Acq: 16 Apr 2021 23:59

Tgt Ion:112 Resp: 1546463
Ion Ratio Lower Upper
112 100
64 79.9 61.4 92.0
63 43.2 33.0 49.4

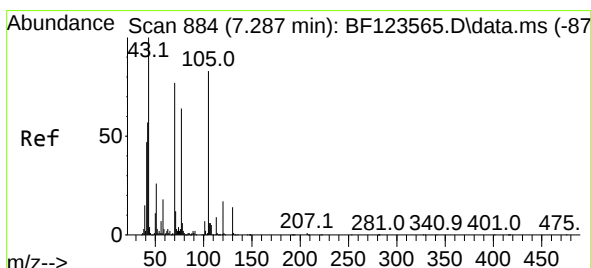
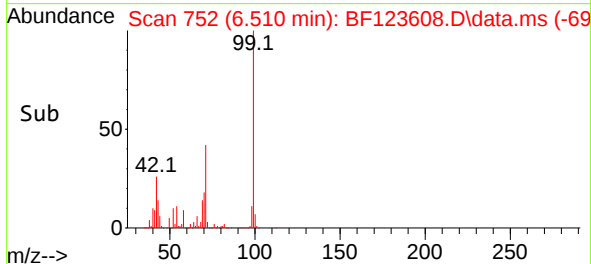
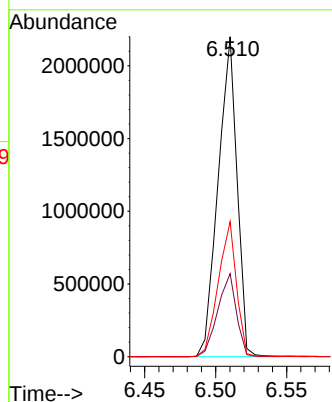
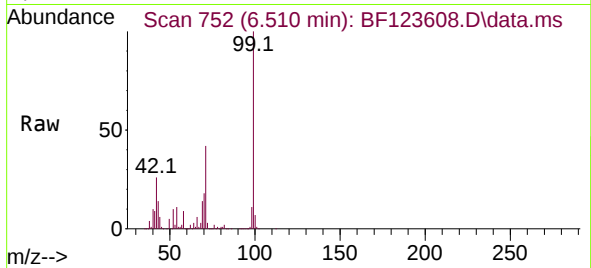




#7
Phenol-d6
Concen: 77.47 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF123608.D
Acq: 16 Apr 2021 23:59

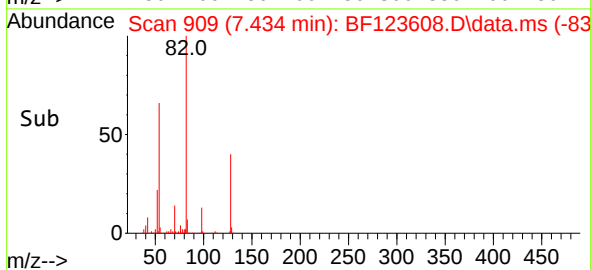
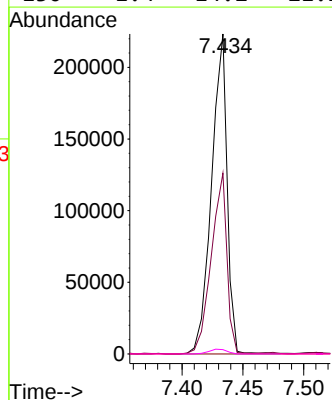
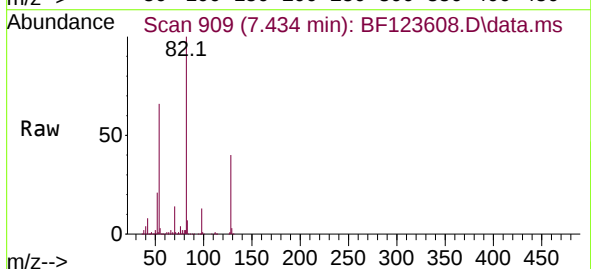
Instrument :
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ClientSampleId :
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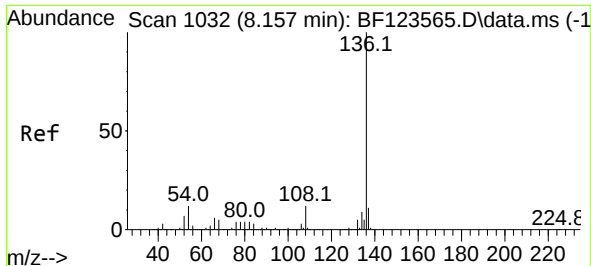
Tgt Ion: 99 Resp: 2033332
Ion Ratio Lower Upper
99 100
42 25.9 19.8 29.8
71 42.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.41 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF123608.D
Acq: 16 Apr 2021 23:59

Tgt Ion: 70 Resp: 198376
Ion Ratio Lower Upper
70 100
42 56.5 60.1 90.1#
101 0.0 7.4 11.2#
130 1.4 14.2 21.2#



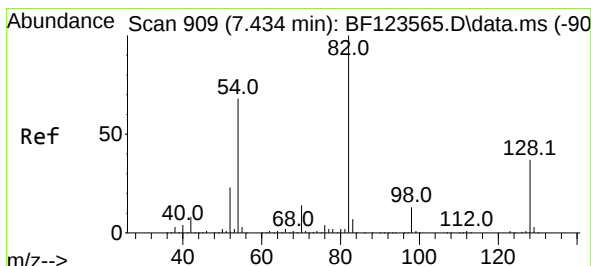
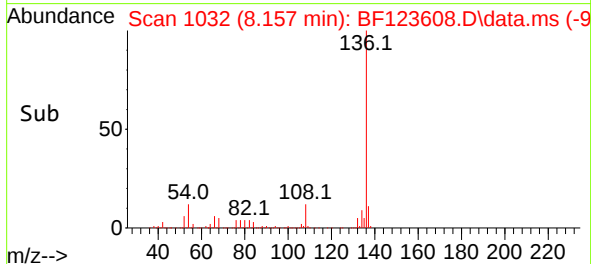
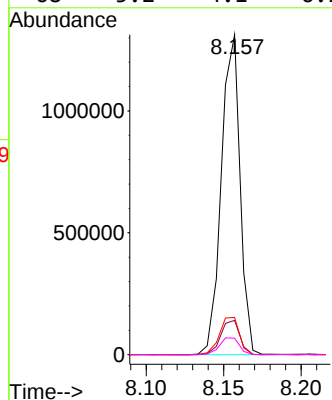
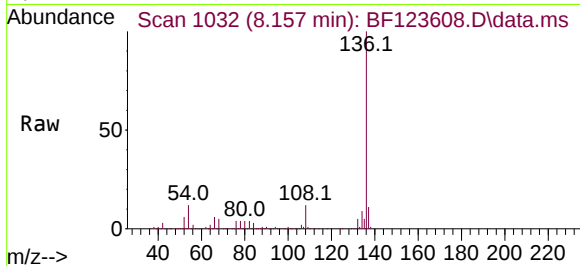


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF123608.D
Acq: 16 Apr 2021 23:59

Instrument :
BNA_F
ClientSampleId :
OK-02-041521

Tgt Ion:136 Resp: 1105686

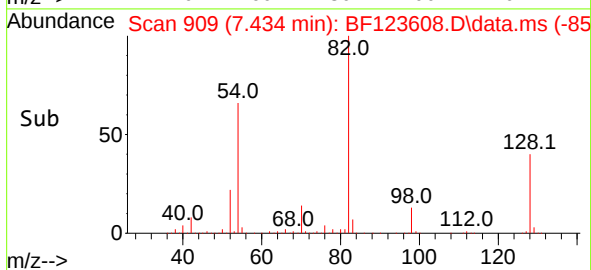
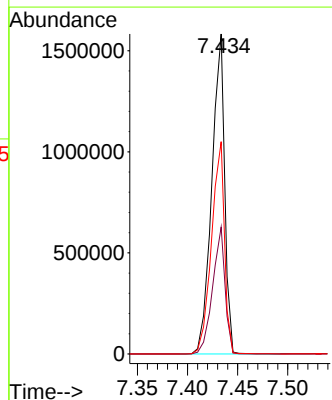
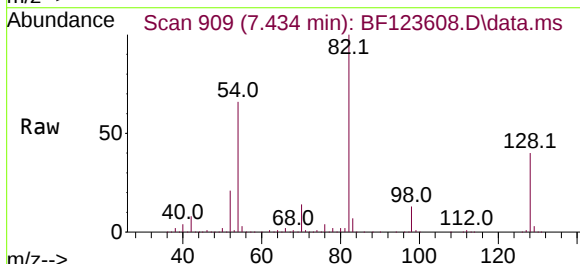
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	11.7	9.8	14.6
68	5.2	4.1	6.1

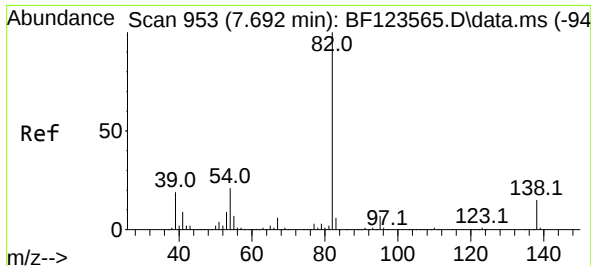


#23
Nitrobenzene-d5
Concen: 58.91 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF123608.D
Acq: 16 Apr 2021 23:59

Tgt Ion: 82 Resp: 1416825

Ion	Ratio	Lower	Upper
82	100		
128	39.6	29.4	44.2
54	66.4	54.1	81.1

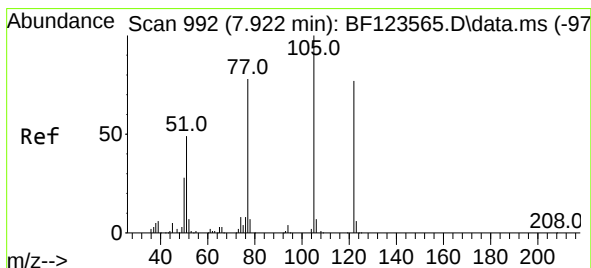
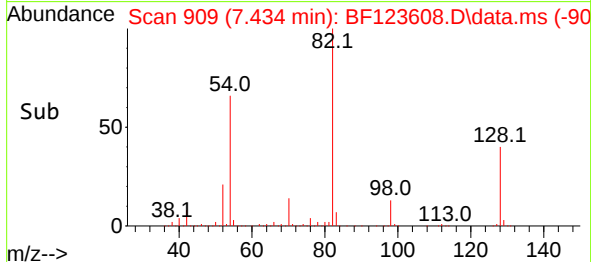
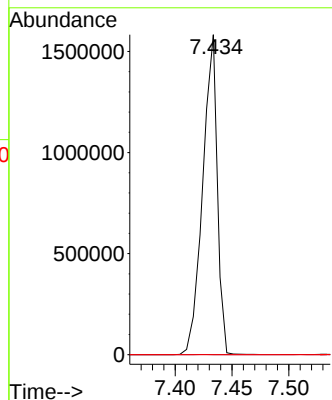
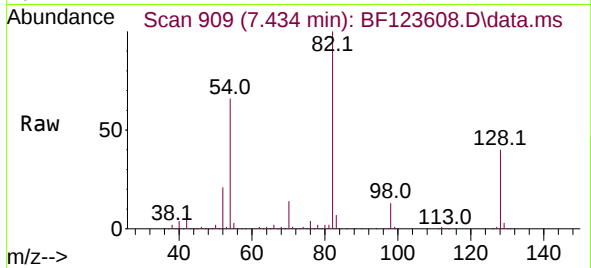




#25
Isophorone
Concen: 30.27 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.259 min
Lab File: BF123608.D
Acq: 16 Apr 2021 23:59

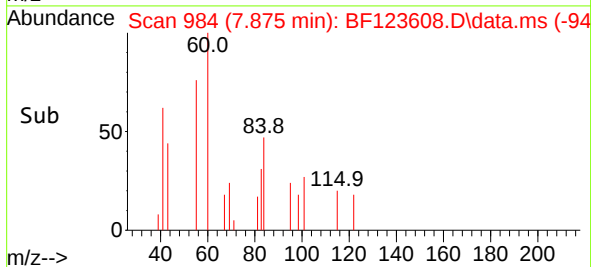
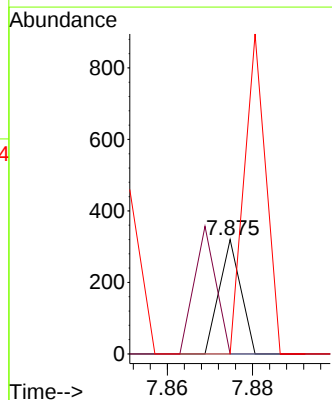
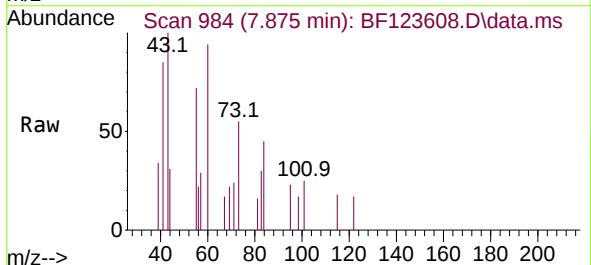
Instrument :
BNA_F
ClientSampleId :
OK-02-041521

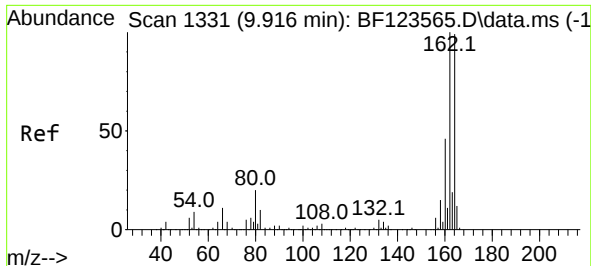
Tgt Ion: 82 Resp: 1412633
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.56 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.047 min
Lab File: BF123608.D
Acq: 16 Apr 2021 23:59

Tgt Ion: 122 Resp: 113
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 0.0 81.6 121.6#

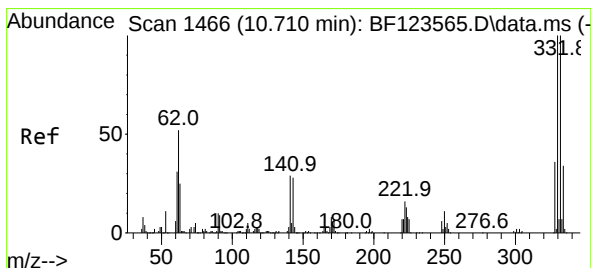
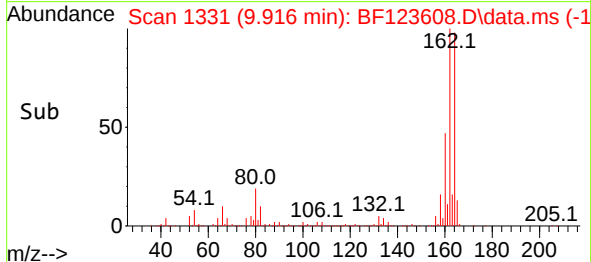
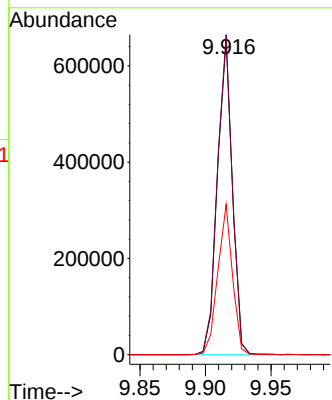
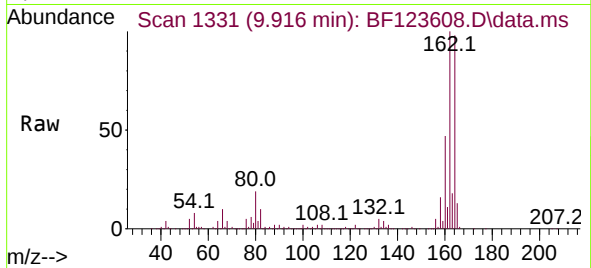




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF123608.D
Acq: 16 Apr 2021 23:59

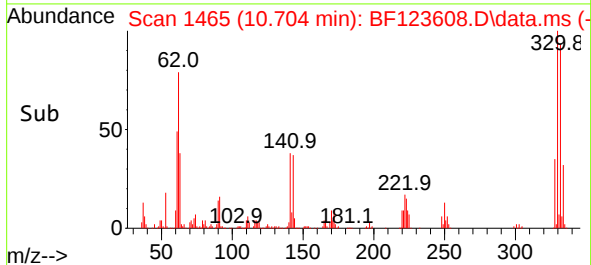
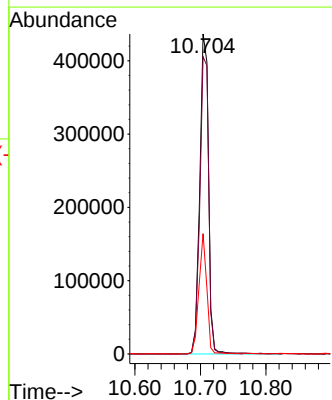
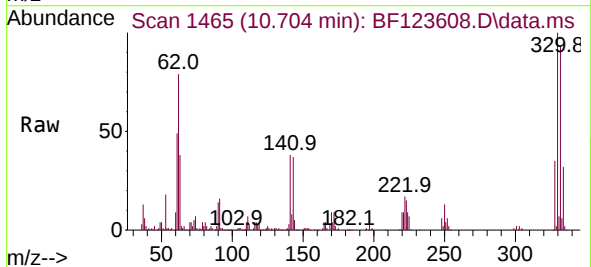
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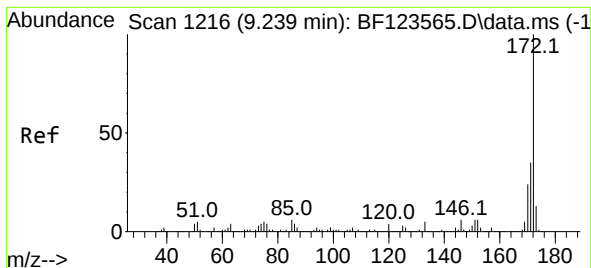
Tgt Ion:164 Resp: 519292
Ion Ratio Lower Upper
164 100
162 101.6 80.7 121.1
160 47.7 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 69.10 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF123608.D
Acq: 16 Apr 2021 23:59

Tgt Ion:330 Resp: 406364
Ion Ratio Lower Upper
330 100
332 93.7 77.1 115.7
141 33.9 27.9 41.9

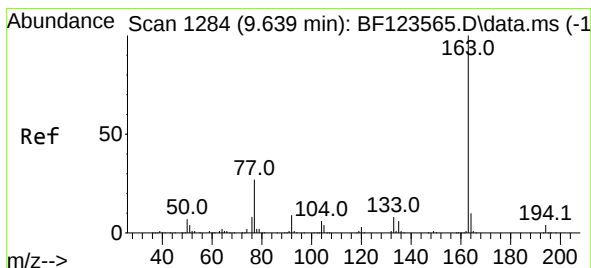
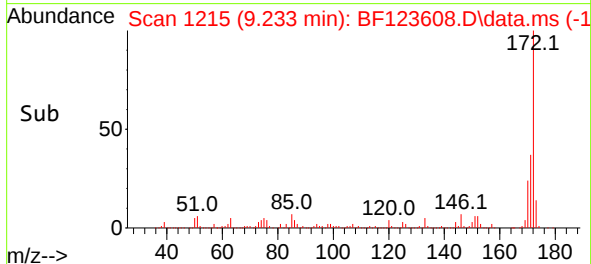
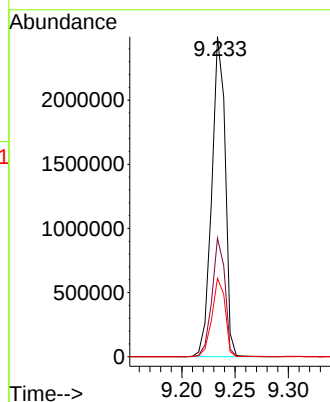
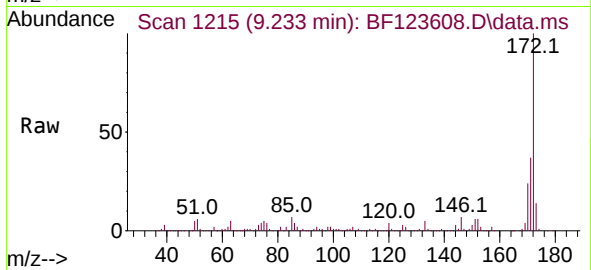




#45
2-Fluorobiphenyl
Concen: 62.93 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF123608.D
Acq: 16 Apr 2021 23:59

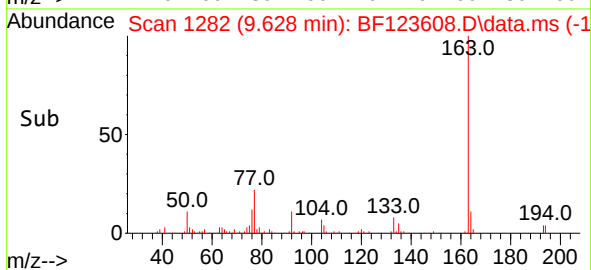
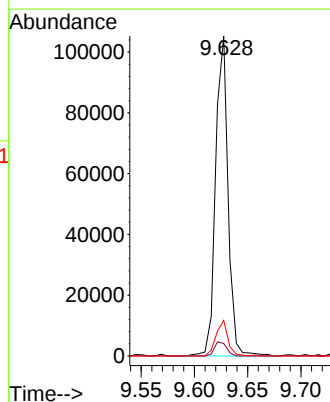
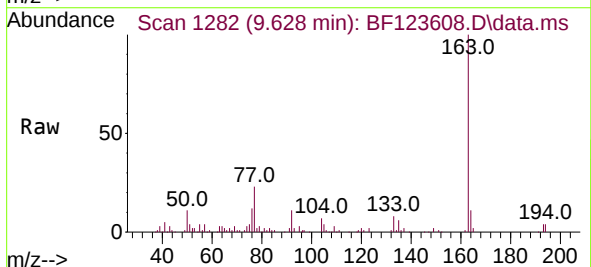
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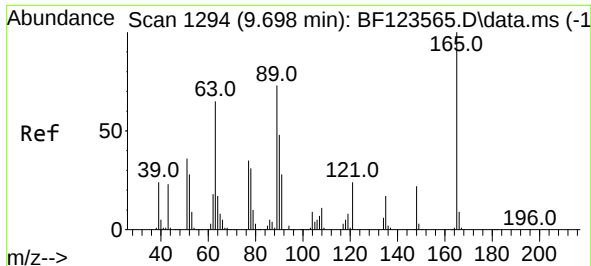
Tgt Ion:172 Resp: 2192315
Ion Ratio Lower Upper
172 100
171 37.0 28.1 42.1
170 24.5 19.2 28.8



#50
Dimethylphthalate
Concen: 2.39 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BF123608.D
Acq: 16 Apr 2021 23:59

Tgt Ion:163 Resp: 85848
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 11.1 8.2 12.2

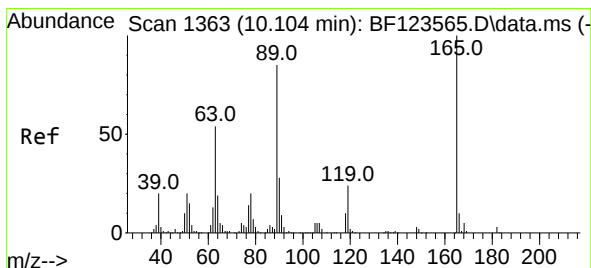
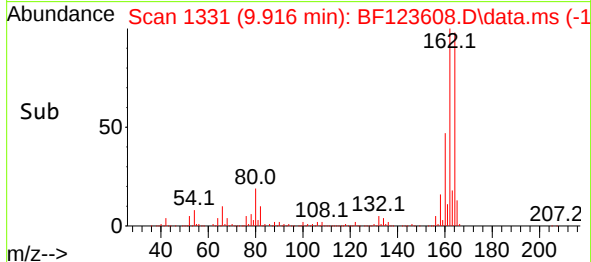
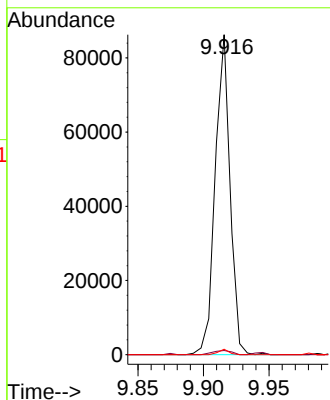
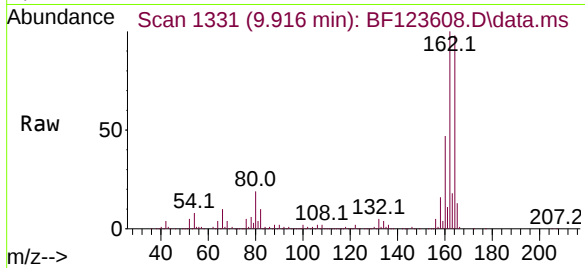




#51
2,6-Dinitrotoluene
Concen: 8.60 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.218 min
Lab File: BF123608.D
Acq: 16 Apr 2021 23:59

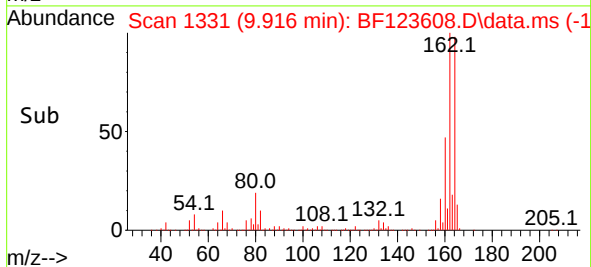
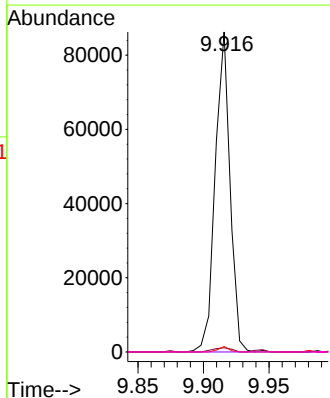
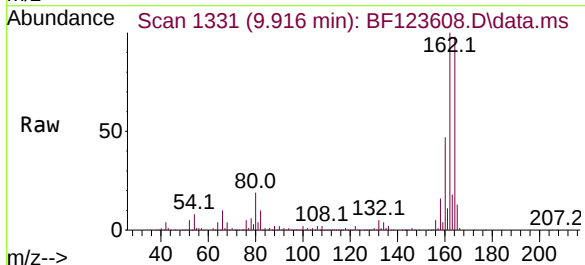
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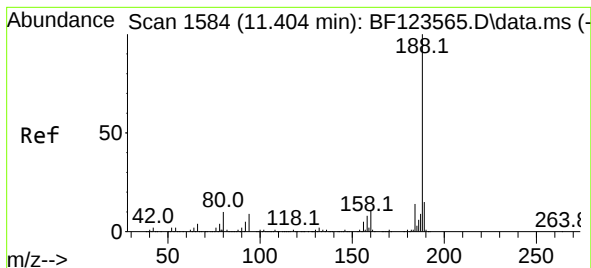
Tgt Ion:165 Resp: 67707
Ion Ratio Lower Upper
165 100
63 1.3 67.7 101.5#
89 1.7 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.44 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF123608.D
Acq: 16 Apr 2021 23:59

Tgt Ion:165 Resp: 67707
Ion Ratio Lower Upper
165 100
63 1.3 43.5 65.3#
89 1.7 67.7 101.5#
182 0.0 2.1 3.1#

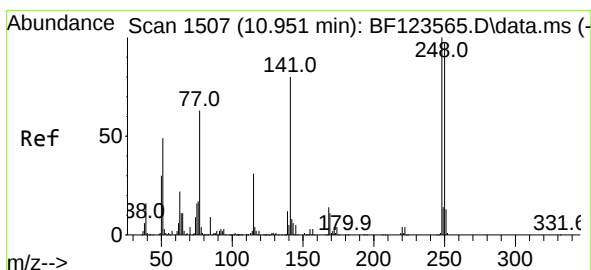
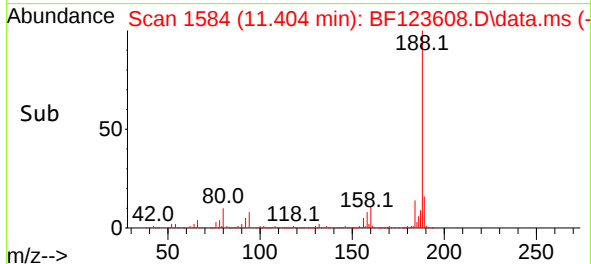
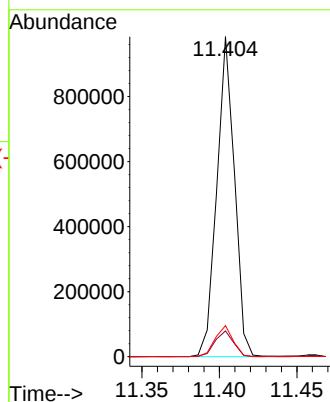
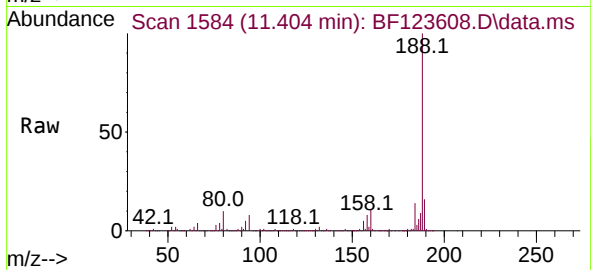




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF123608.D
Acq: 16 Apr 2021 23:59

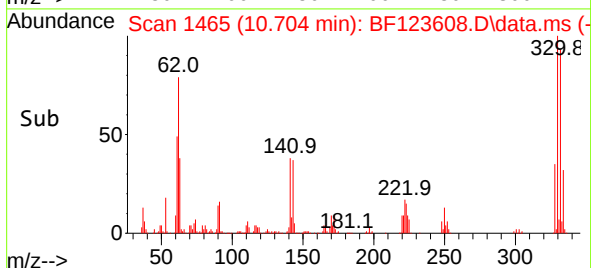
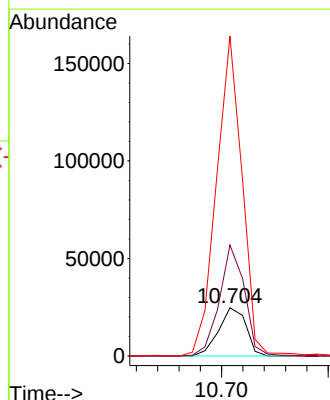
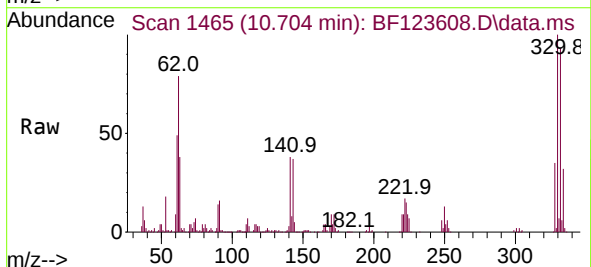
Instrument :
BNA_F
ClientSampleId :
OK-02-041521

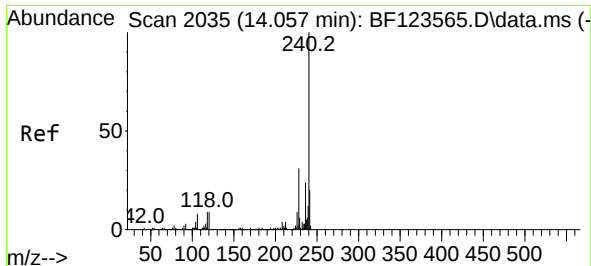
Tgt Ion:188 Resp: 780146
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.7 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 2.70 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF123608.D
Acq: 16 Apr 2021 23:59

Tgt Ion:248 Resp: 22025
Ion Ratio Lower Upper
248 100
250 230.1 77.4 116.2#
141 663.8 63.7 95.5#

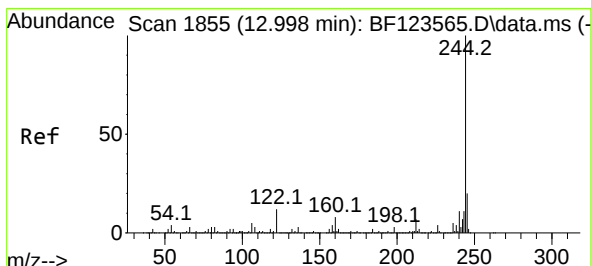
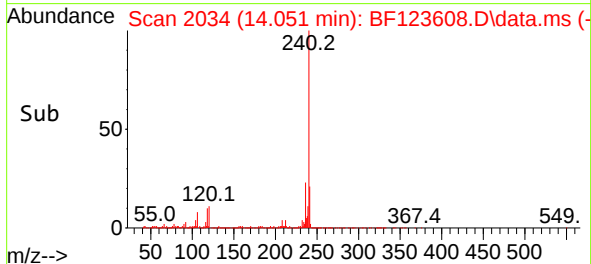
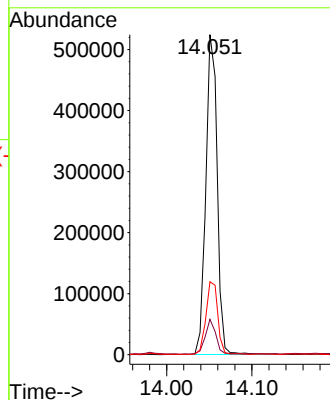
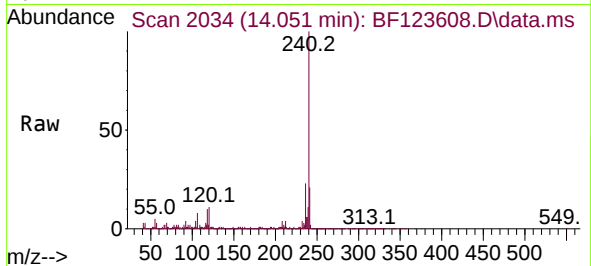




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123608.D
Acq: 16 Apr 2021 23:59

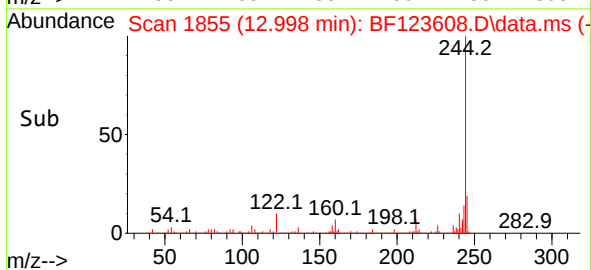
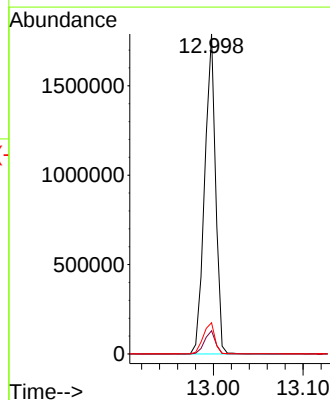
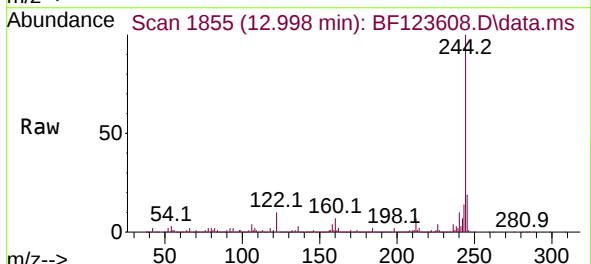
Instrument :
BNA_F
ClientSampleId :
OK-02-041521

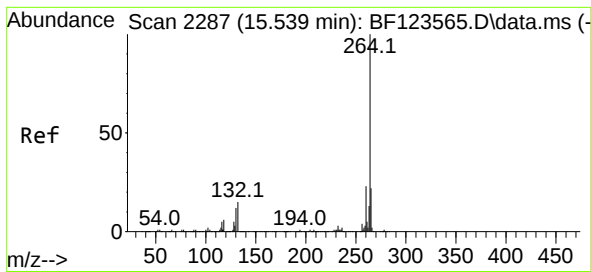
Tgt Ion:240 Resp: 484403
Ion Ratio Lower Upper
240 100
120 11.1 7.2 10.8#
236 22.8 19.0 28.4



#79
Terphenyl-d14
Concen: 60.61 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BF123608.D
Acq: 16 Apr 2021 23:59

Tgt Ion:244 Resp: 1510716
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 9.7 9.7 14.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2288
Delta R.T. 0.006 min
Lab File: BF123608.D
Acq: 16 Apr 2021 23:59

Instrument :
BNA_F
ClientSampleId :
OK-02-041521

Tgt Ion:264 Resp: 418941

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	22.7	17.8	26.8

