

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
 Data File : BF123830.D
 Acq On : 5 May 2021 16:32
 Operator : JU/CG
 Sample : M2275-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-CONT

Quant Time: May 05 17:28:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 05 13:09:28 2021
 Response via : Initial Calibration

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

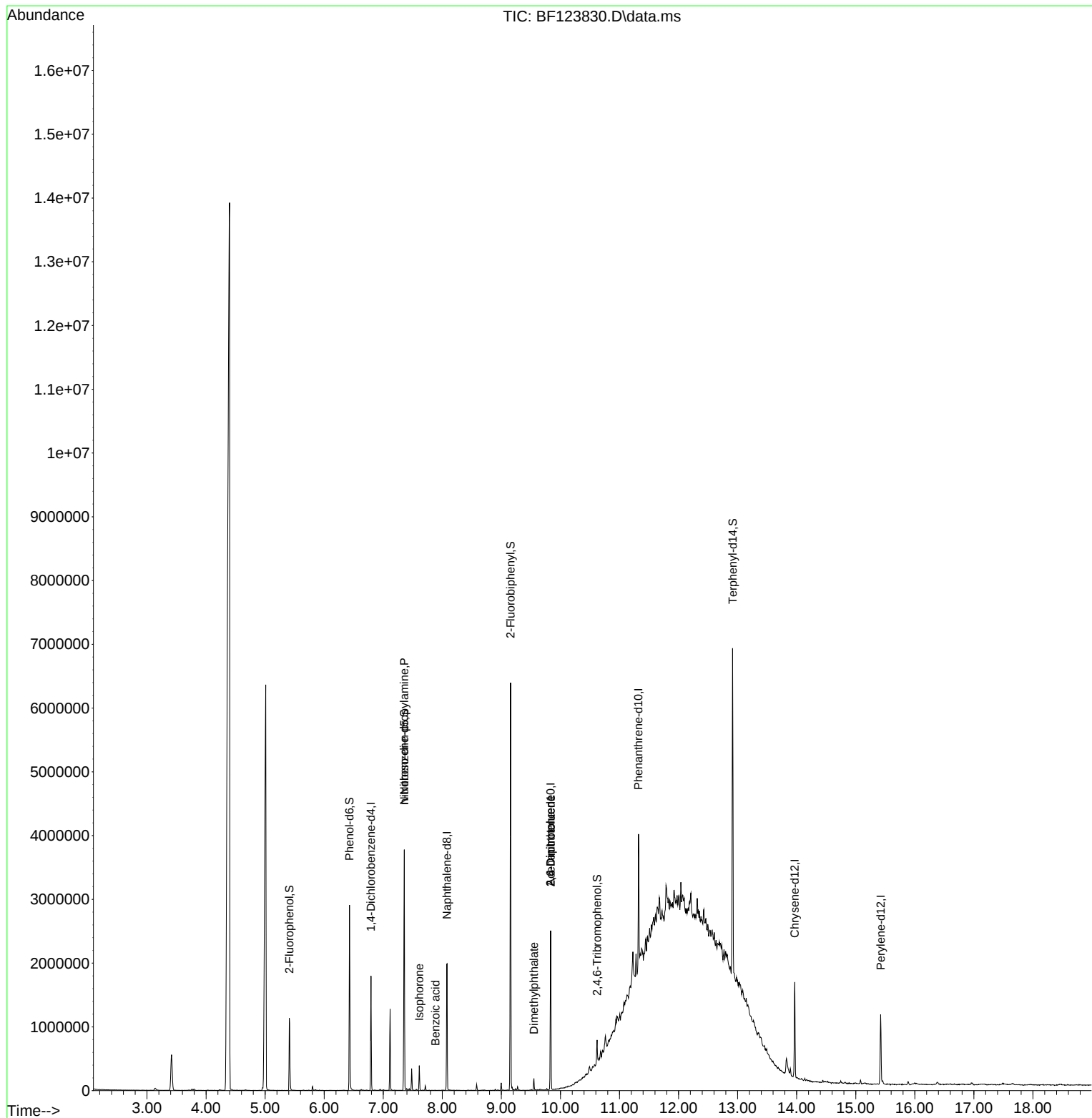
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	213303	20.00	ng	0.00
21) Naphthalene-d8	8.081	136	846506	20.00	ng	0.00
39) Acenaphthene-d10	9.833	164	421655	20.00	ng	0.00
64) Phenanthrene-d10	11.322	188	767470	20.00	ng	# 0.00
76) Chrysene-d12	13.968	240	515943	20.00	ng	0.00
86) Perylene-d12	15.421	264	459071	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	276574	20.54	ng	0.00
7) Phenol-d6	6.428	99	756970	40.81	ng	-0.01
23) Nitrobenzene-d5	7.357	82	1031528	55.01	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	34743	6.62	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	1645246	56.82	ng	0.00
79) Terphenyl-d14	12.916	244	1607119	59.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.357	70	136555	11.92	ng	# 75
25) Isophorone	7.610	82	121389	3.45	ng	97
32) Benzoic acid	7.886	122	141	5.40	ng	# 1
50) Dimethylphthalate	9.551	163	59946	2.02	ng	# 95
51) 2,6-Dinitrotoluene	9.833	165	53877	7.85	ng	# 11
57) 2,4-Dinitrotoluene	9.833	165	53877	5.76	ng	# 17

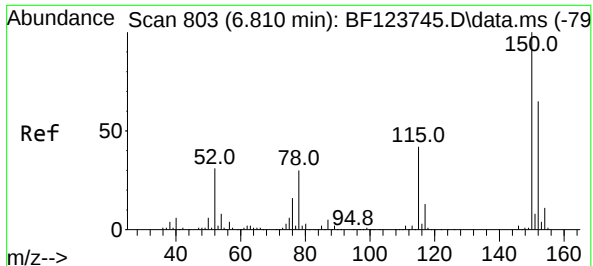
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

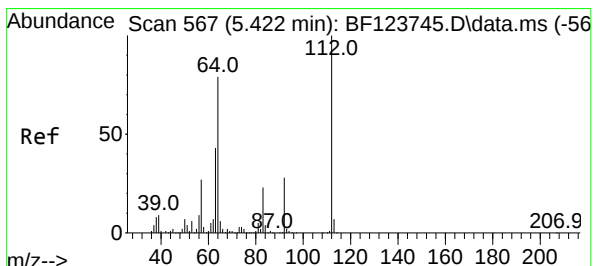
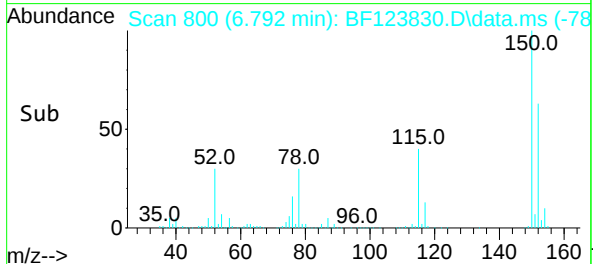
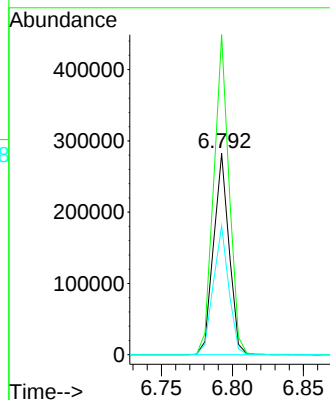
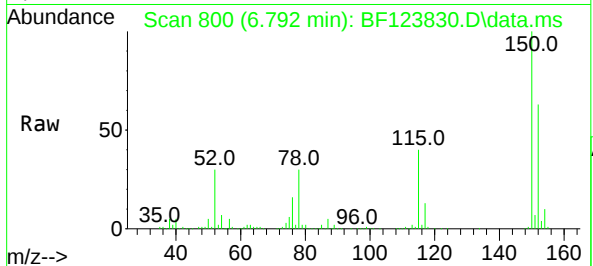




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123830.D
Acq: 5 May 2021 16:32

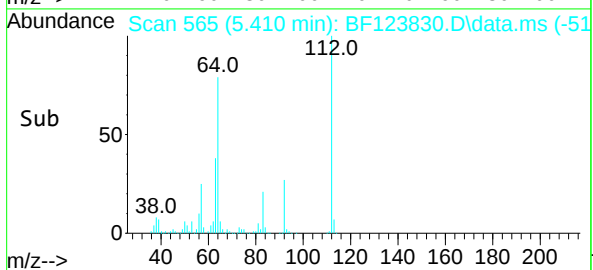
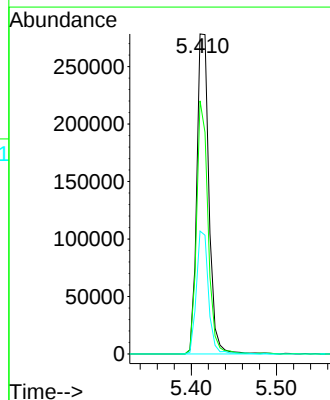
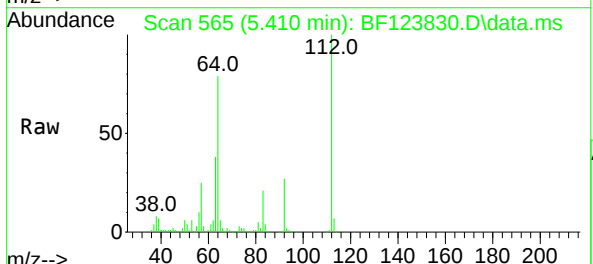
Instrument :
BNA_F
ClientSampleId :
CON-CONT

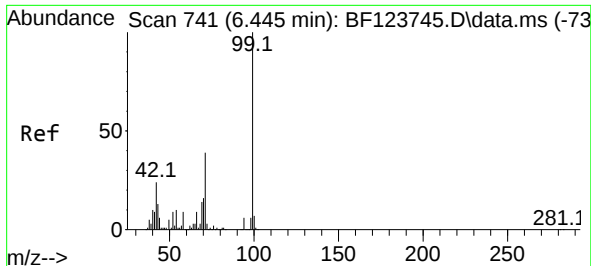
Tgt Ion:152 Resp: 213303
Ion Ratio Lower Upper
152 100
150 158.9 127.0 190.6
115 64.0 54.3 81.5



#5
2-Fluorophenol
Concen: 20.54 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF123830.D
Acq: 5 May 2021 16:32

Tgt Ion:112 Resp: 276574
Ion Ratio Lower Upper
112 100
64 79.1 61.4 92.0
63 38.4 33.0 49.4

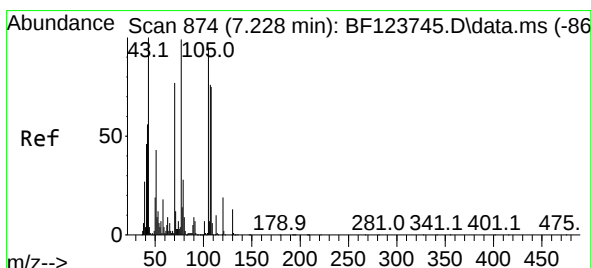
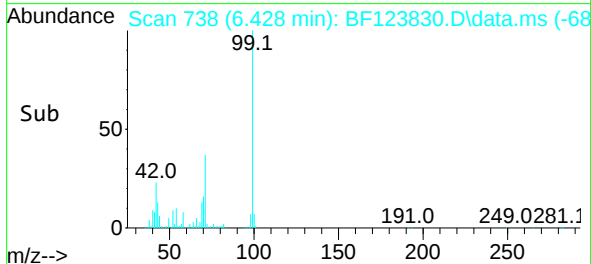
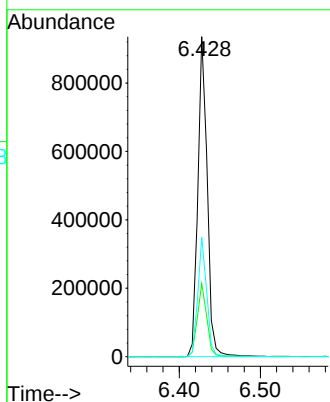
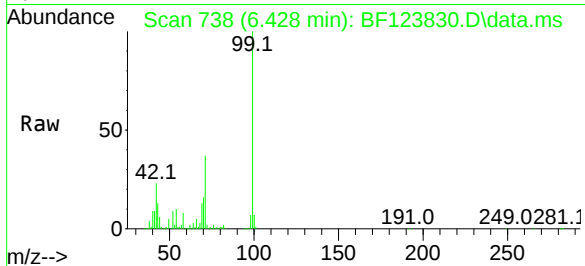




#7
Phenol-d6
Concen: 40.81 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF123830.D
Acq: 5 May 2021 16:32

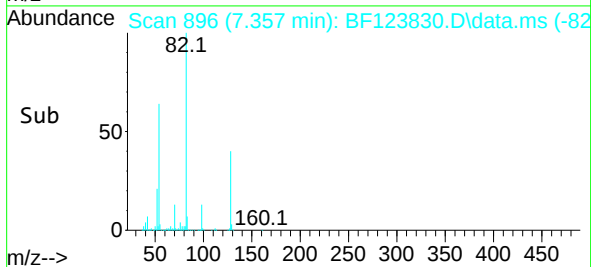
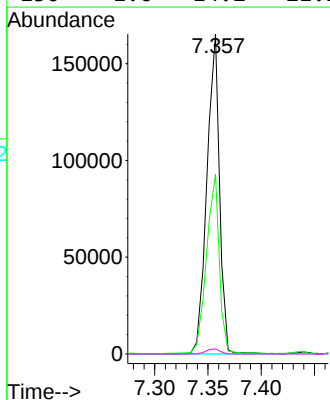
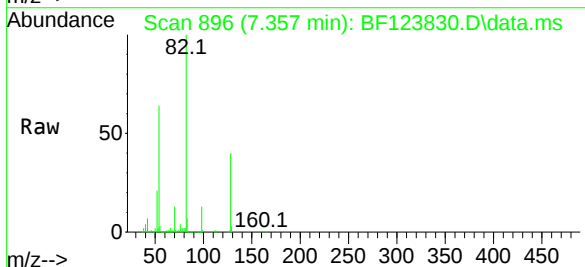
Instrument :
BNA_F
ClientSampleId :
CON-CONT

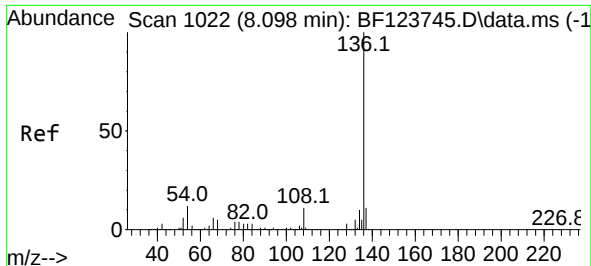
Tgt Ion: 99 Resp: 756970
Ion Ratio Lower Upper
99 100
42 22.9 19.8 29.8
71 37.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.92 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123830.D
Acq: 5 May 2021 16:32

Tgt Ion: 70 Resp: 136555
Ion Ratio Lower Upper
70 100
42 56.1 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#

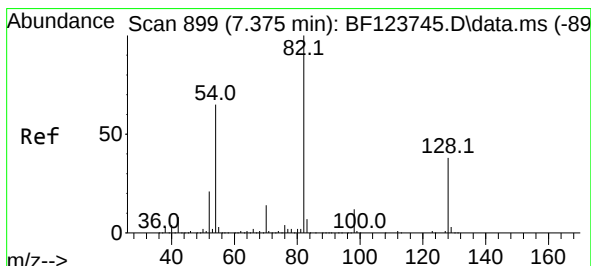
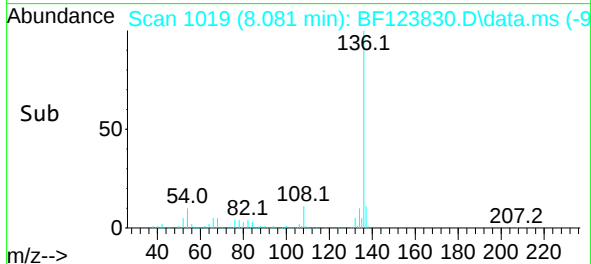
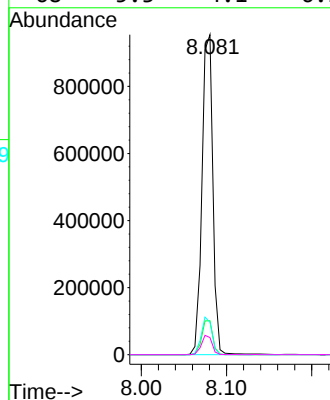
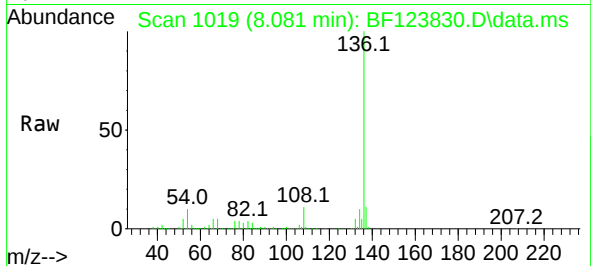




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF123830.D
Acq: 5 May 2021 16:32

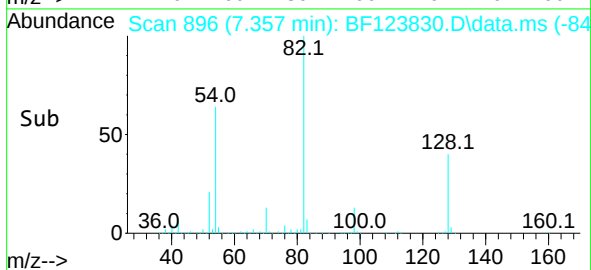
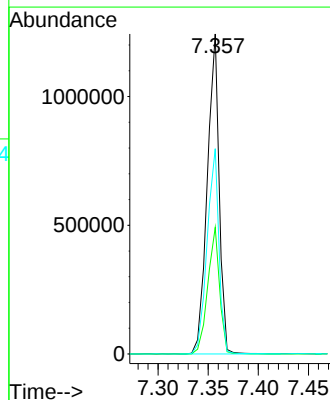
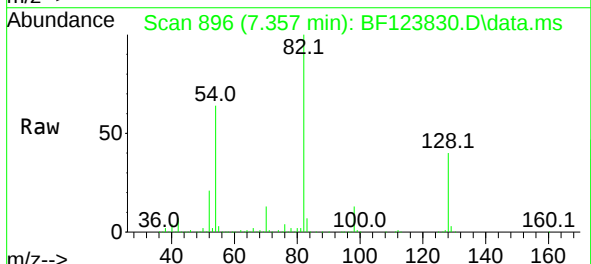
Instrument :
BNA_F
ClientSampleId :
CON-CONT

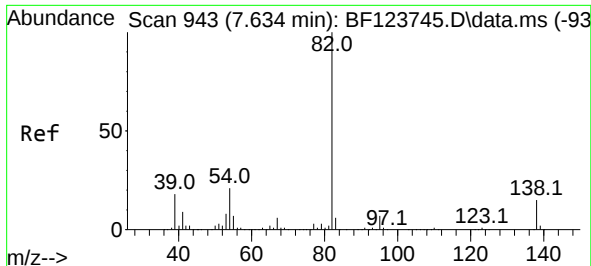
Tgt Ion:	136	Resp:	846506
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	10.1	9.8	14.6
68	5.3	4.1	6.1



#23
Nitrobenzene-d5
Concen: 55.01 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123830.D
Acq: 5 May 2021 16:32

Tgt Ion:	82	Resp:	1031528
Ion	Ratio	Lower	Upper
82	100		
128	39.5	29.4	44.2
54	64.2	54.1	81.1

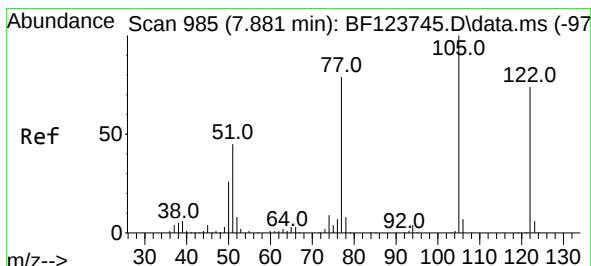
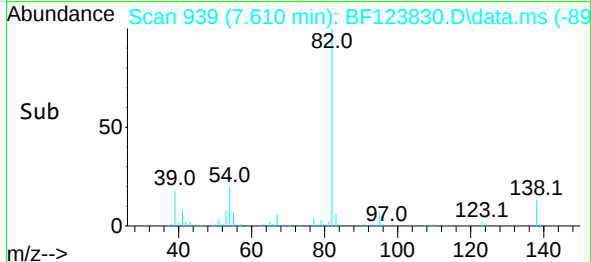
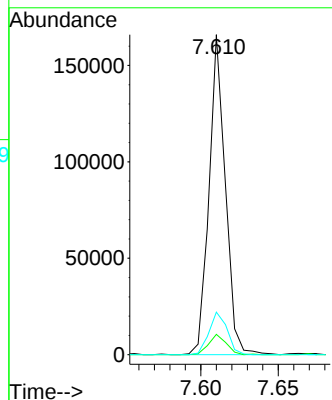
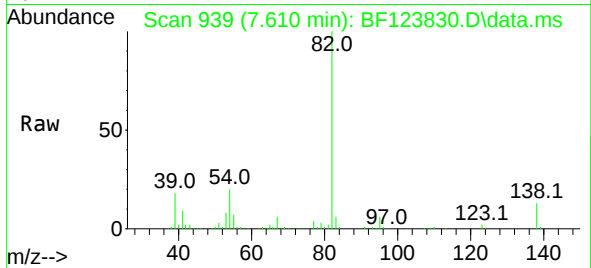




#25
Isophorone
Concen: 3.45 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF123830.D
Acq: 5 May 2021 16:32

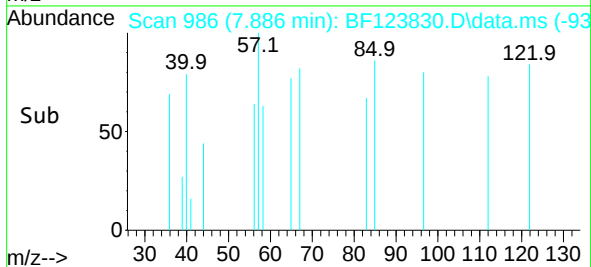
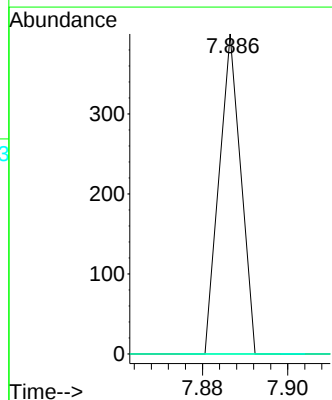
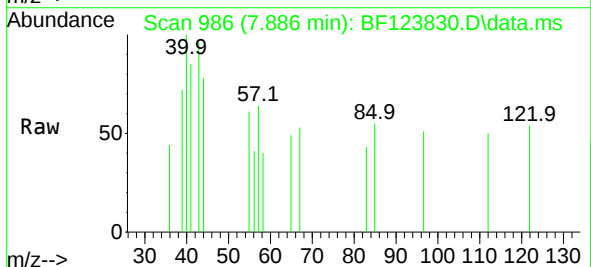
Instrument :
BNA_F
ClientSampleId :
CON-CONT

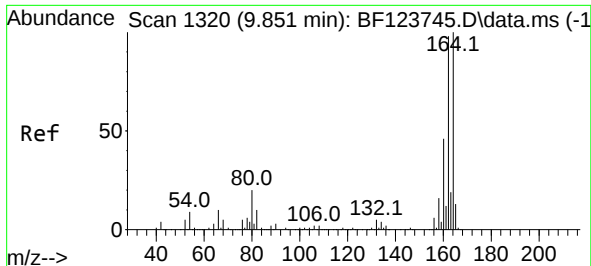
Tgt Ion: 82 Resp: 121389
Ion Ratio Lower Upper
82 100
95 6.3 5.8 8.6
138 13.3 11.8 17.8



#32
Benzoic acid
Concen: 5.40 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.012 min
Lab File: BF123830.D
Acq: 5 May 2021 16:32

Tgt Ion: 122 Resp: 141
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 0.0 81.6 121.6#

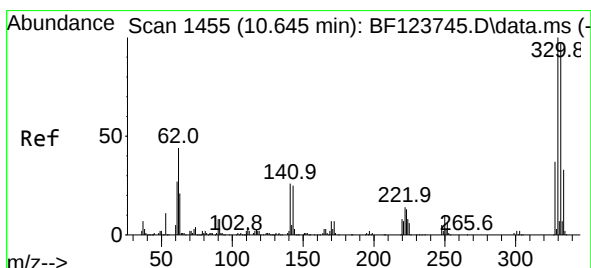
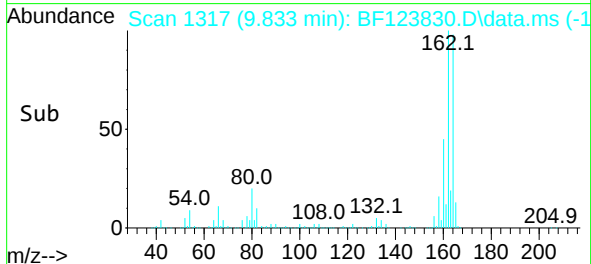
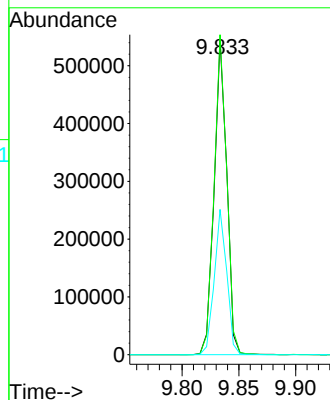
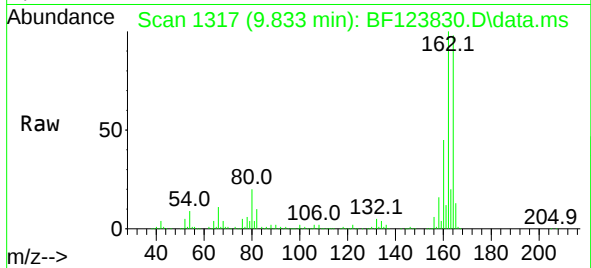




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123830.D
Acq: 5 May 2021 16:32

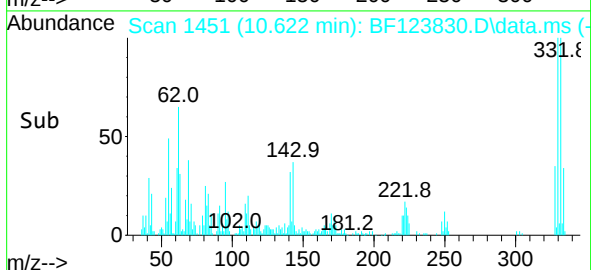
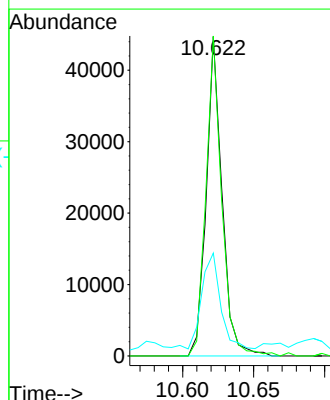
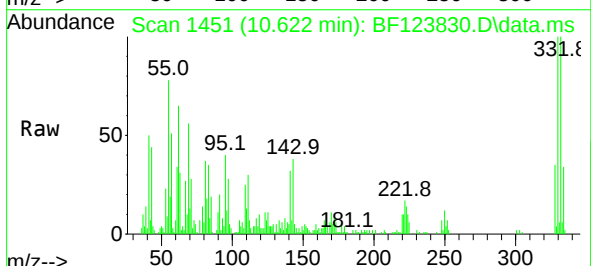
Instrument :
BNA_F
ClientSampleId :
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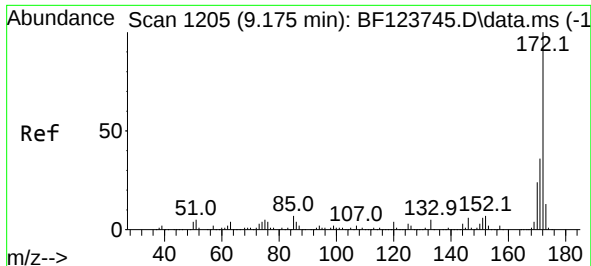
Tgt Ion:164 Resp: 421655
Ion Ratio Lower Upper
164 100
162 101.7 80.7 121.1
160 46.2 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 6.62 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF123830.D
Acq: 5 May 2021 16:32

Tgt Ion:330 Resp: 34743
Ion Ratio Lower Upper
330 100
332 100.3 77.1 115.7
141 35.8 27.9 41.9

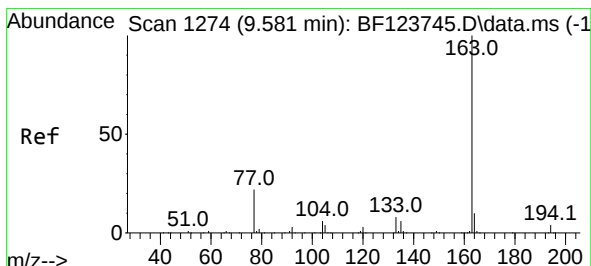
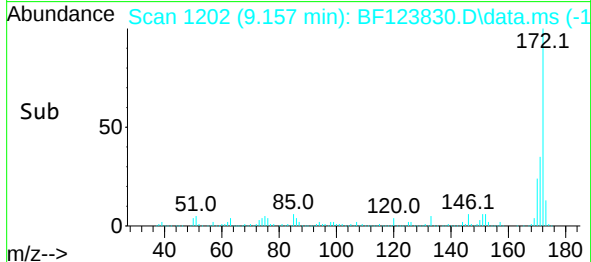
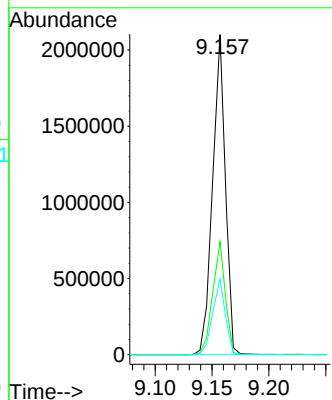
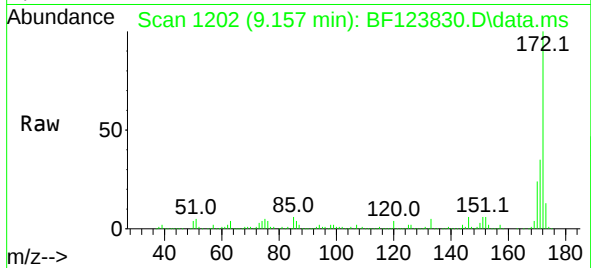




#45
2-Fluorobiphenyl
Concen: 56.82 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123830.D
Acq: 5 May 2021 16:32

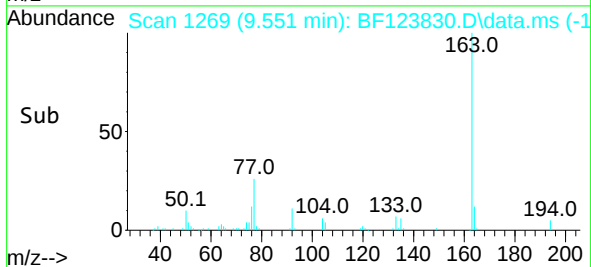
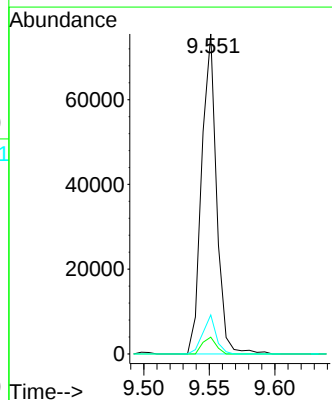
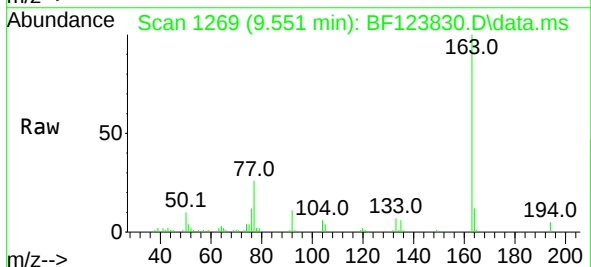
Instrument :
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ClientSampleId :
CON-CONT

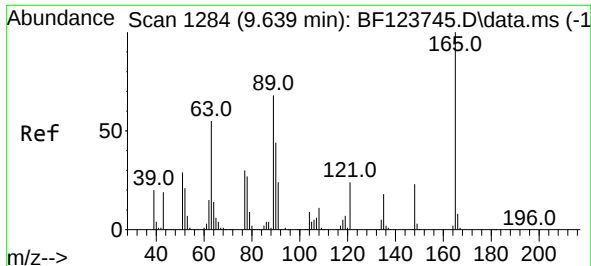
Tgt Ion:172 Resp: 1645246
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.6 19.2 28.8



#50
Dimethylphthalate
Concen: 2.02 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF123830.D
Acq: 5 May 2021 16:32

Tgt Ion:163 Resp: 59946
Ion Ratio Lower Upper
163 100
194 5.3 3.1 4.7#
164 12.2 8.2 12.2

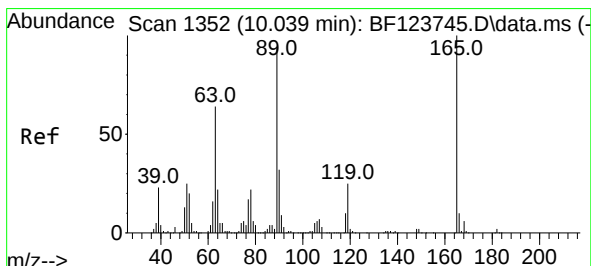
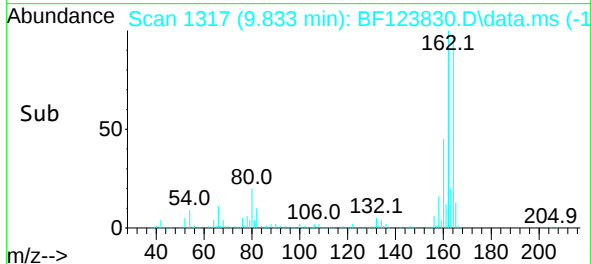
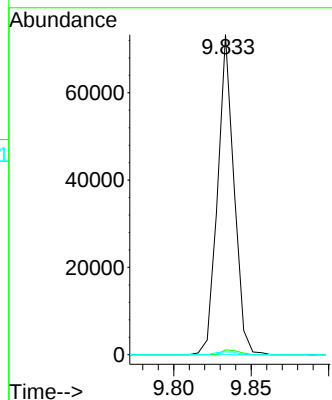
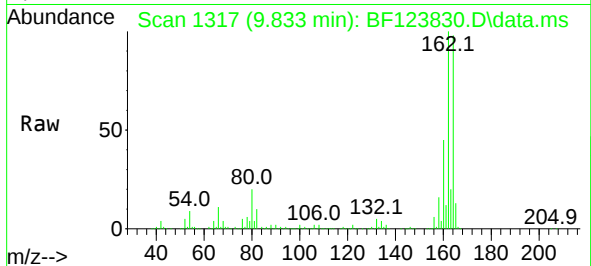




#51
2,6-Dinitrotoluene
Concen: 7.85 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF123830.D
Acq: 5 May 2021 16:32

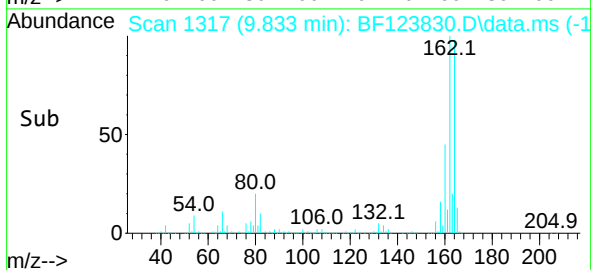
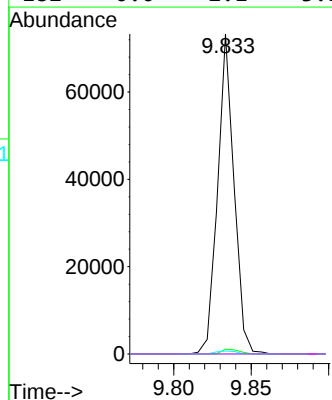
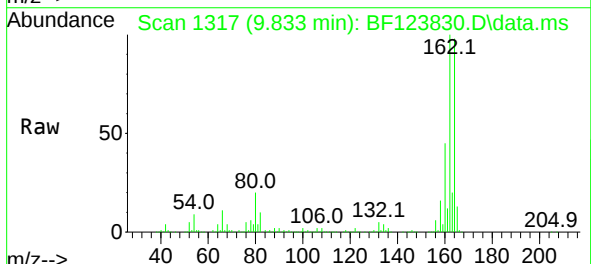
Instrument :
BNA_F
ClientSampleId :
CON-CONT

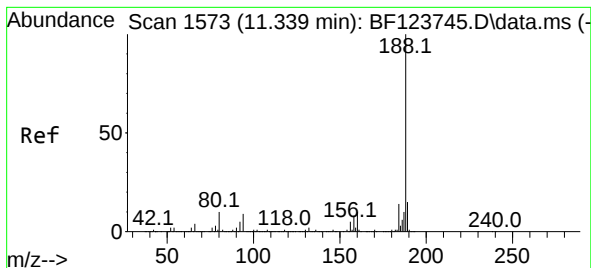
Tgt Ion:165 Resp: 53877
Ion Ratio Lower Upper
165 100
63 1.5 67.7 101.5#
89 0.9 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.76 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.200 min
Lab File: BF123830.D
Acq: 5 May 2021 16:32

Tgt Ion:165 Resp: 53877
Ion Ratio Lower Upper
165 100
63 1.5 43.5 65.3#
89 0.9 67.7 101.5#
182 0.0 2.1 3.1#

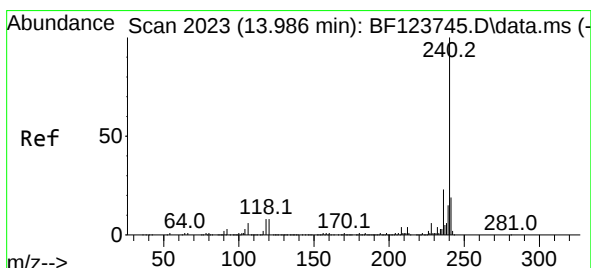
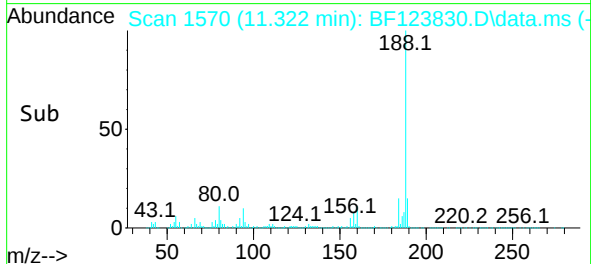
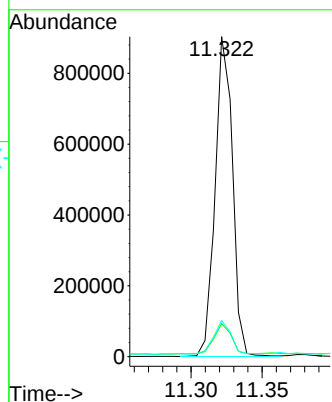
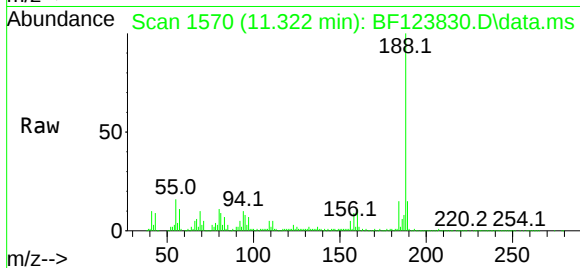




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123830.D
Acq: 5 May 2021 16:32

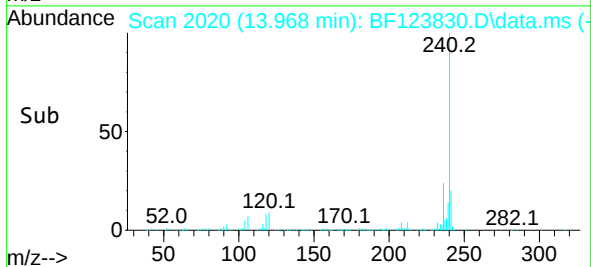
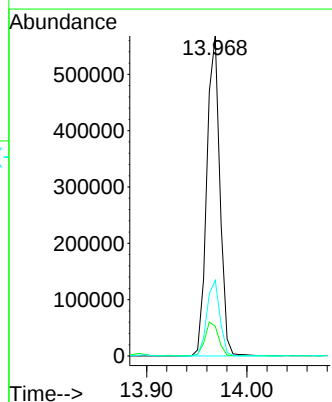
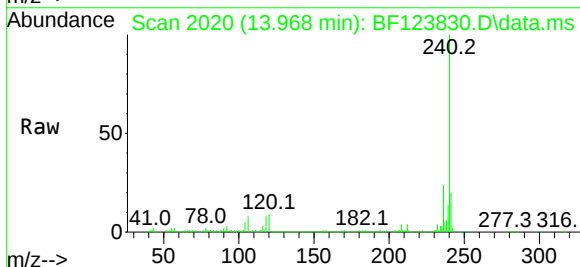
Instrument :
BNA_F
ClientSampleId :
CON-CONT

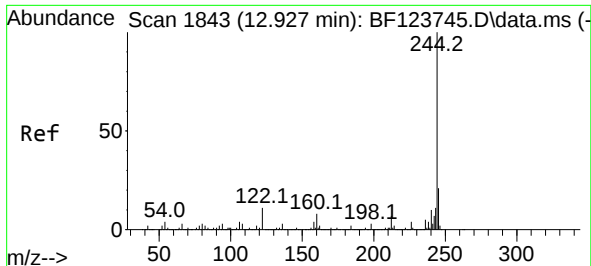
Tgt Ion:188 Resp: 767470
Ion Ratio Lower Upper
188 100
94 10.3 6.9 10.3#
80 11.2 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123830.D
Acq: 5 May 2021 16:32

Tgt Ion:240 Resp: 515943
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 23.6 19.0 28.4

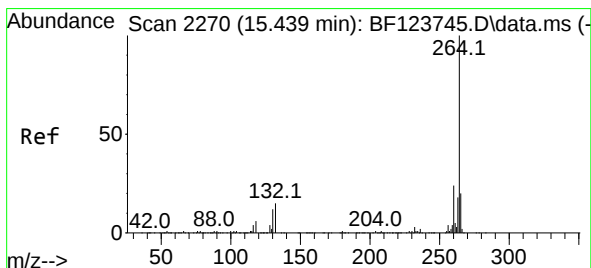
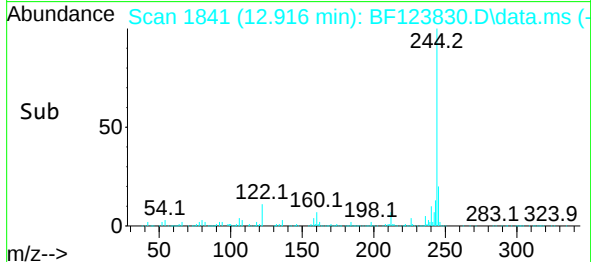
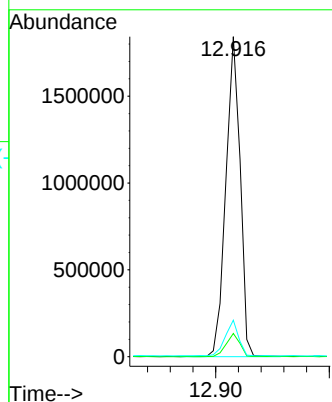
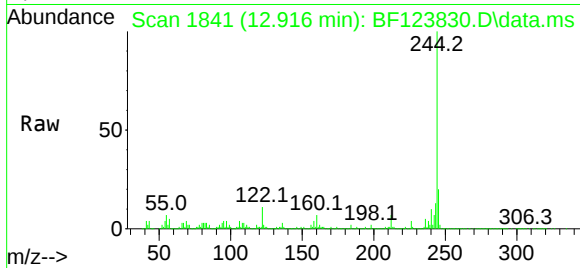




#79
Terphenyl-d14
Concen: 59.98 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF123830.D
Acq: 5 May 2021 16:32

Instrument :
BNA_F
ClientSampleId :
CON-CONT

Tgt Ion:244 Resp: 1607119
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.4 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BF123830.D
Acq: 5 May 2021 16:32

Tgt Ion:264 Resp: 459071
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 22.0 17.8 26.8

