

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
 Data File : BF123262.D
 Acq On : 22 Feb 2021 17:03
 Operator : JU/CG
 Sample : M1425-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Feb 22 17:28:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

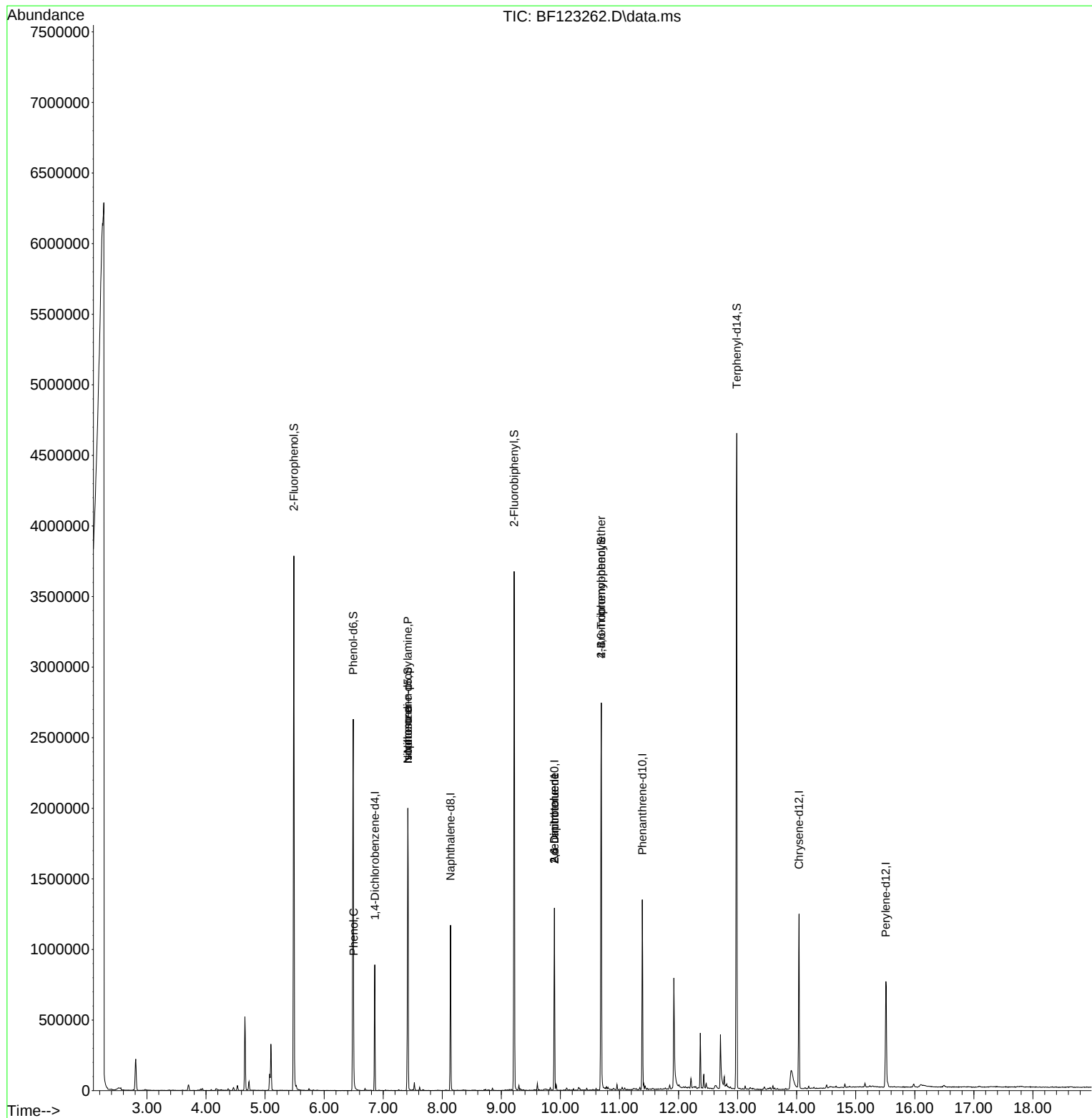
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	107744	20.00	ng	0.00
21) Naphthalene-d8	8.140	136	442718	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	232882	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	445508	20.00	ng	0.00
76) Chrysene-d12	14.039	240	386142	20.00	ng	0.00
86) Perylene-d12	15.510	264	343446	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	932702	124.60	ng	0.01
7) Phenol-d6	6.493	99	867807	85.34	ng	0.00
23) Nitrobenzene-d5	7.416	82	658224	68.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	292845	123.49	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1087876	67.10	ng	0.00
79) Terphenyl-d14	12.986	244	1444627	71.94	ng	0.00
Target Compounds						
9) Benzaldehyde	6.493	77	1756	Below Cal	#	1
10) Phenol	6.498	94	28127	2.54	ng	# 78
19) n-Nitroso-di-n-propyla...	7.416	70	90354	14.93	ng	# 79
25) Isophorone	7.416	82	654803	36.21	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	29053	7.24	ng	# 32
57) 2,4-Dinitrotoluene	9.898	165	29053	5.38	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	21417	4.41	ng	# 1

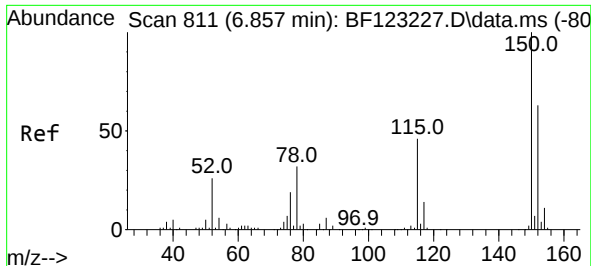
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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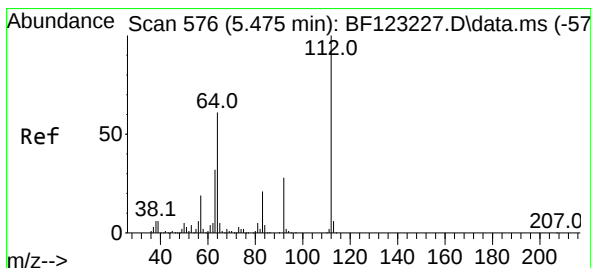
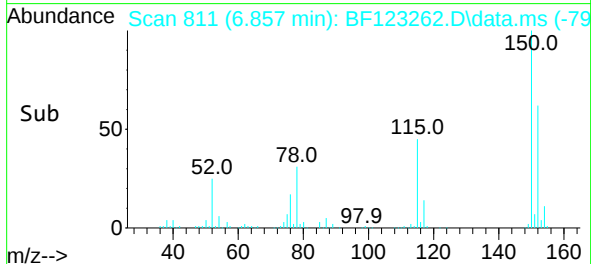
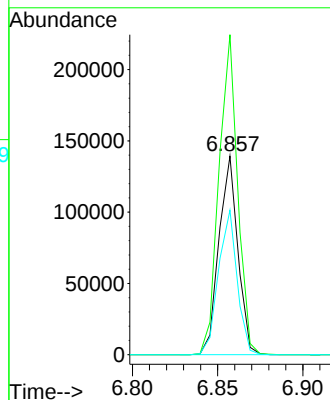
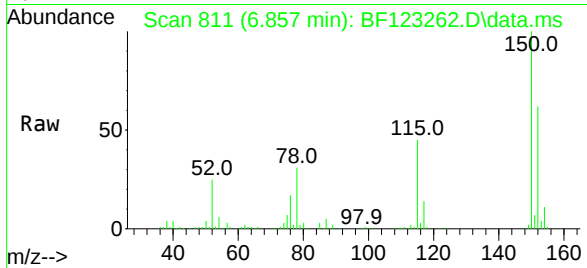




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123262.D
Acq: 22 Feb 2021 17:03

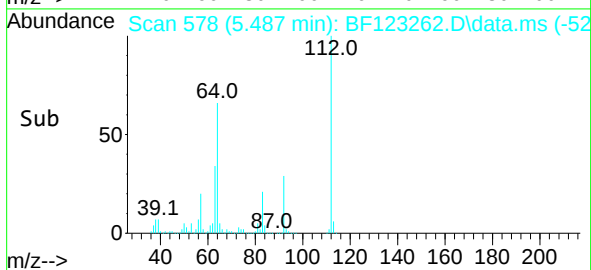
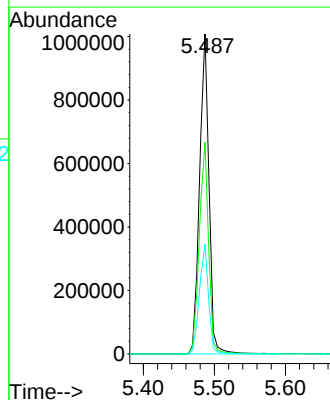
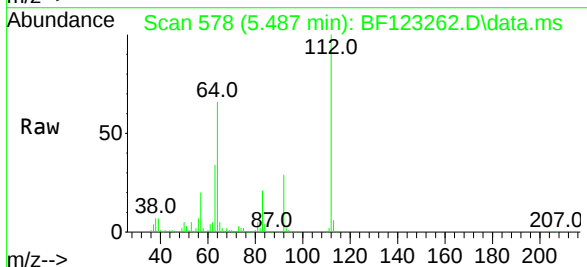
Instrument :
BNA_F
ClientSampleId :
TP-3

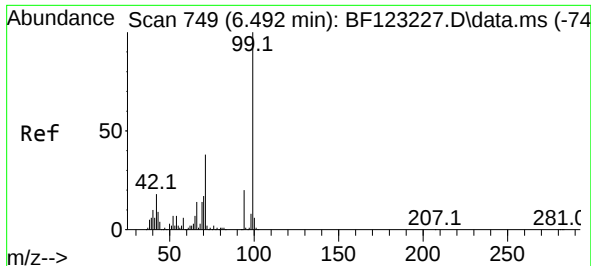
Tgt Ion:152 Resp: 107744
Ion Ratio Lower Upper
152 100
150 161.2 125.8 188.6
115 72.8 49.3 73.9



#5
2-Fluorophenol
Concen: 124.60 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF123262.D
Acq: 22 Feb 2021 17:03

Tgt Ion:112 Resp: 932702
Ion Ratio Lower Upper
112 100
64 66.2 46.9 70.3
63 34.3 24.5 36.7

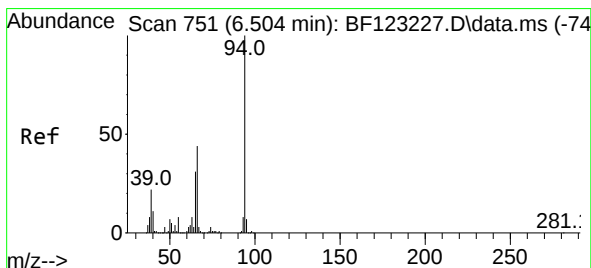
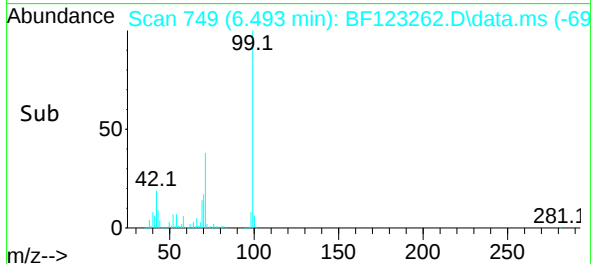
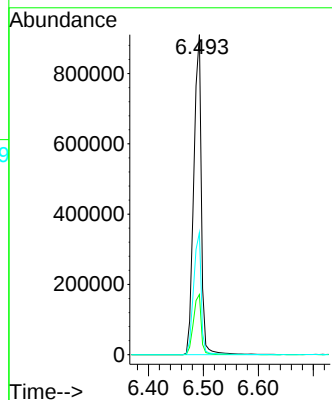
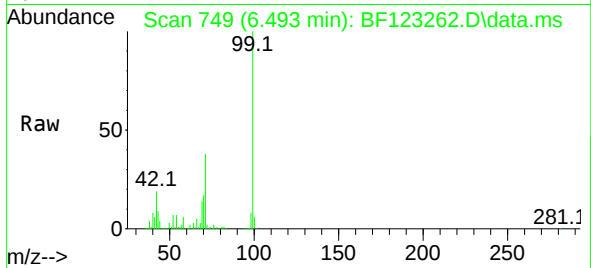




#7
Phenol-d6
Concen: 85.34 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF123262.D
Acq: 22 Feb 2021 17:03

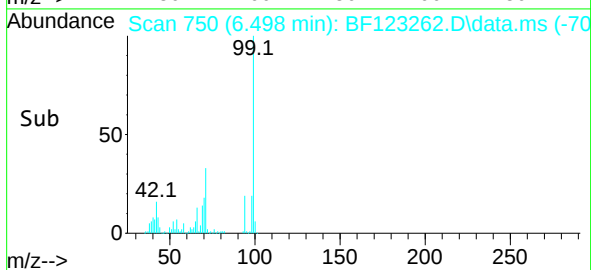
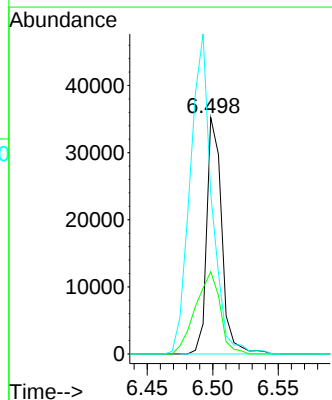
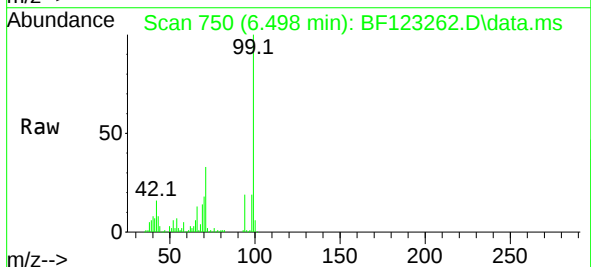
Instrument :
BNA_F
ClientSampled :
TP-3

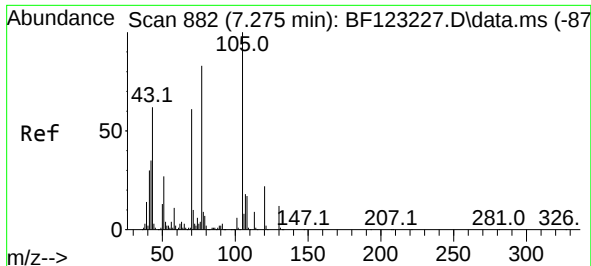
Tgt Ion: 99 Resp: 867807
Ion Ratio Lower Upper
99 100
42 18.8 13.8 20.6
71 38.1 26.9 40.3



#10
Phenol
Concen: 2.54 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF123262.D
Acq: 22 Feb 2021 17:03

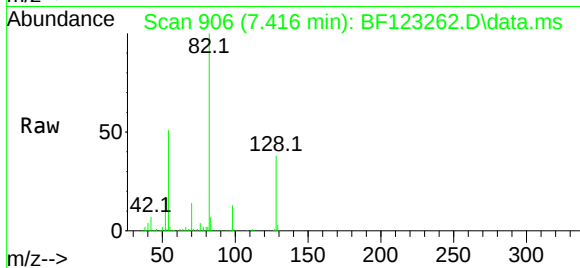
Tgt Ion: 94 Resp: 28127
Ion Ratio Lower Upper
94 100
65 34.8 11.2 51.2
66 67.7 25.8 65.8#



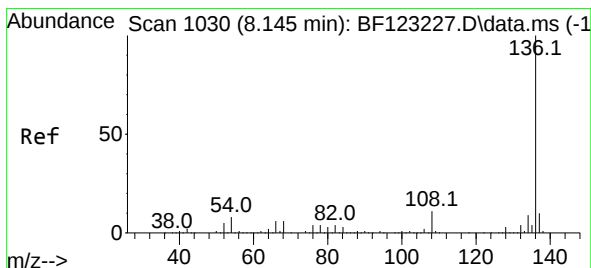
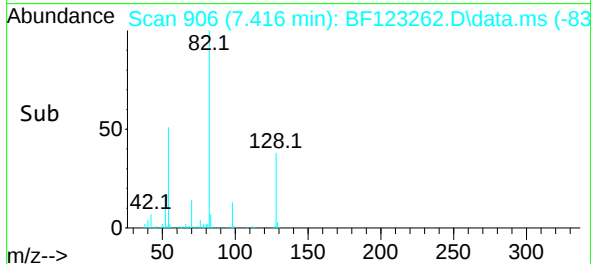
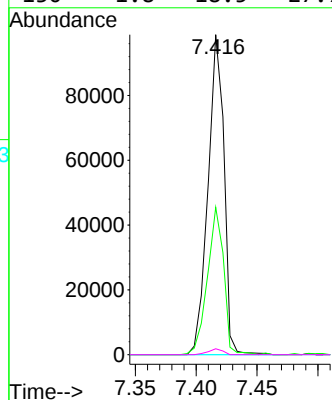


#19
n-Nitroso-di-n-propylamine
Concen: 14.93 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123262.D
Acq: 22 Feb 2021 17:03

Instrument :
BNA_F
ClientSampled :
TP-3

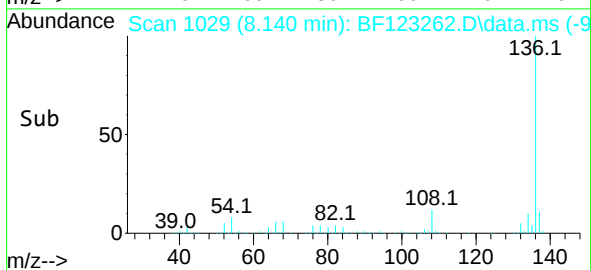
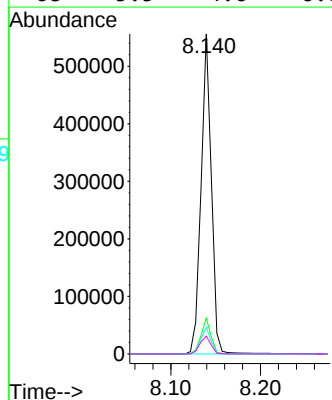
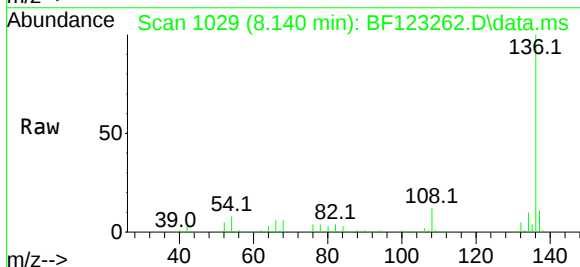


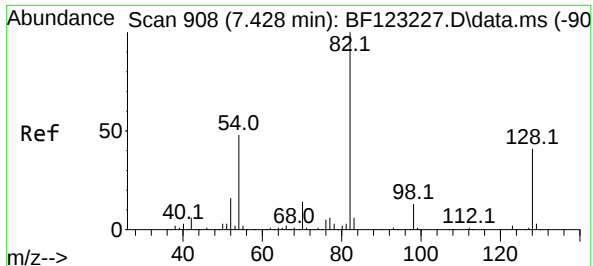
Tgt Ion: 70 Resp: 90354
Ion Ratio Lower Upper
70 100
42 46.1 43.0 64.4
101 0.0 7.9 11.9#
130 1.8 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123262.D
Acq: 22 Feb 2021 17:03

Tgt Ion: 136 Resp: 442718
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.3 5.5 8.3#
68 5.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 68.06 ng

RT: 7.416 min Scan# 906

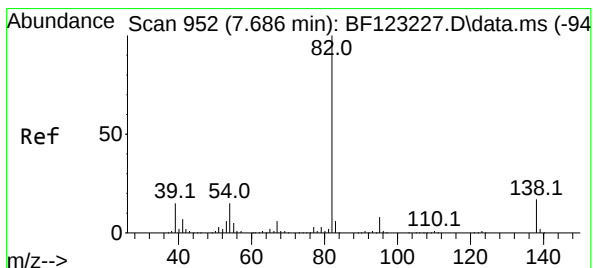
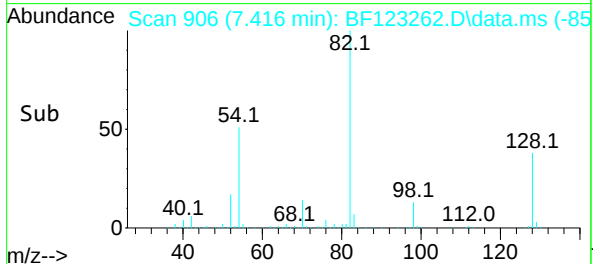
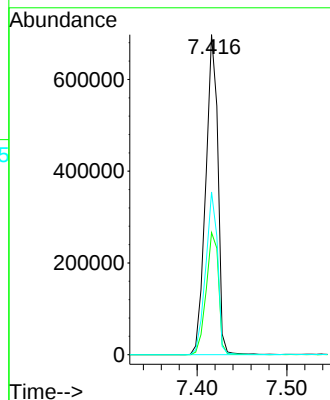
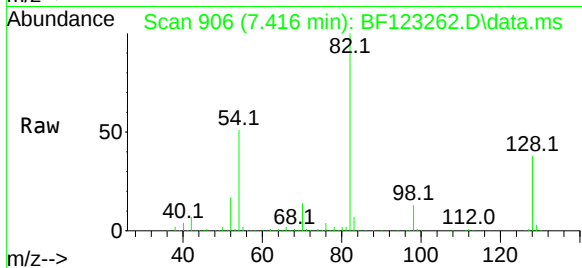
Delta R.T. -0.012 min

Lab File: BF123262.D

Acq: 22 Feb 2021 17:03

Tgt Ion: 82 Resp: 658224

Ion	Ratio	Lower	Upper
82	100		
128	38.2	37.0	55.4
54	50.9	38.4	57.6



#25

Isophorone

Concen: 36.21 ng

RT: 7.416 min Scan# 906

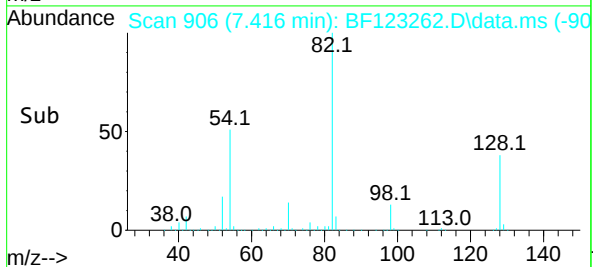
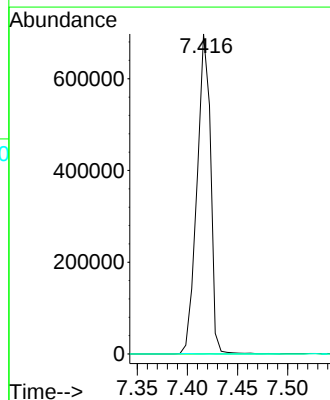
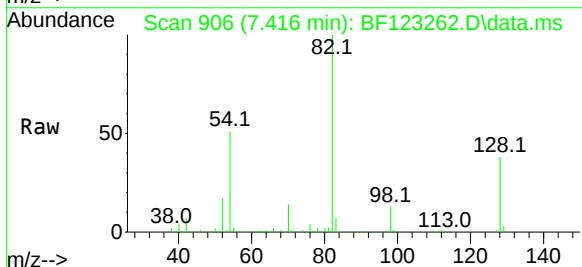
Delta R.T. -0.270 min

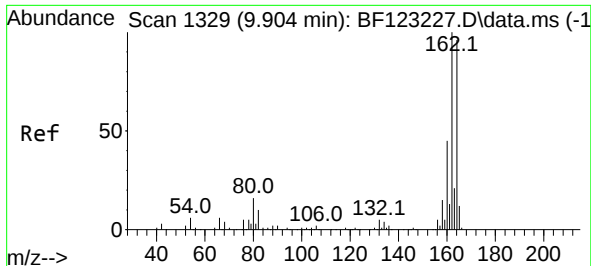
Lab File: BF123262.D

Acq: 22 Feb 2021 17:03

Tgt Ion: 82 Resp: 654803

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#

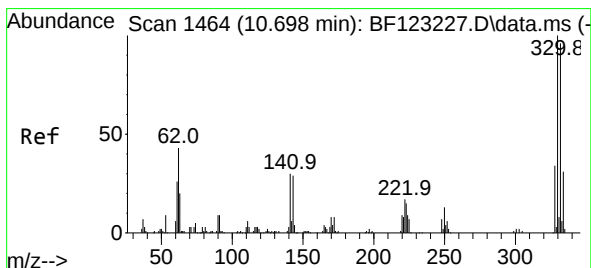
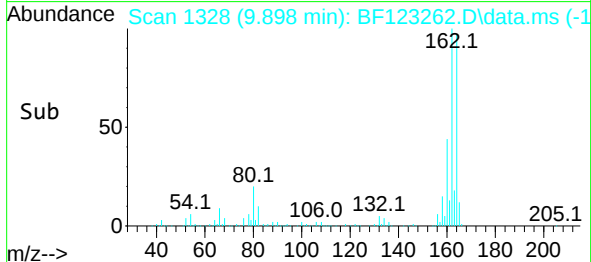
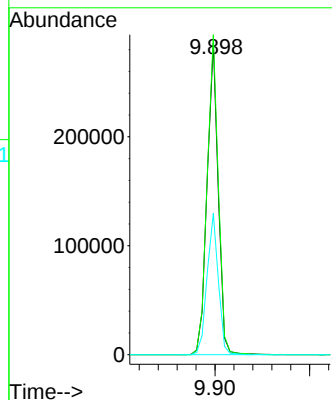
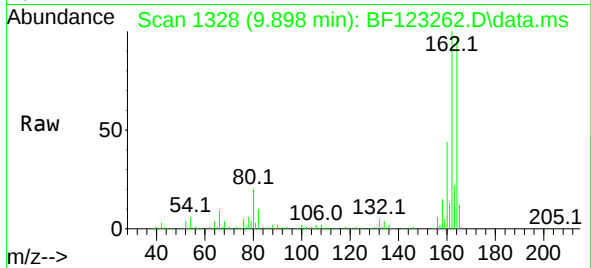




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123262.D
Acq: 22 Feb 2021 17:03

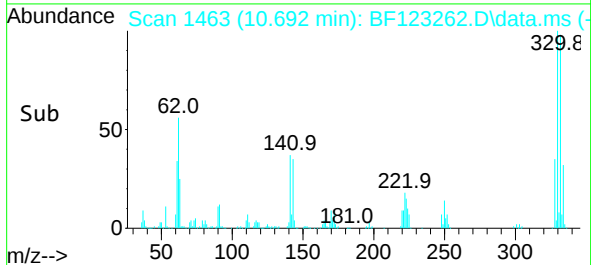
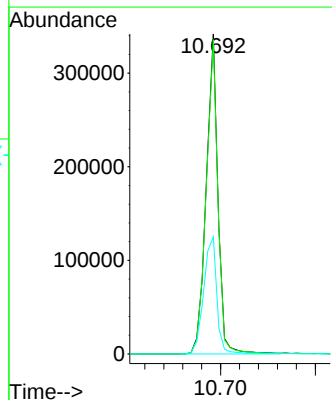
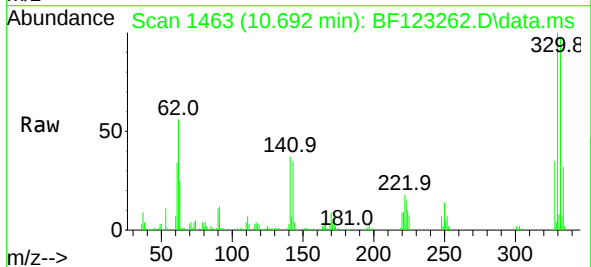
Instrument :
BNA_F
ClientSampled :
TP-3

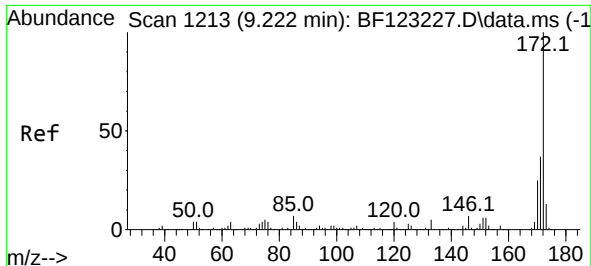
Tgt Ion:164 Resp: 232882
Ion Ratio Lower Upper
164 100
162 102.7 80.8 121.2
160 45.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 123.49 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123262.D
Acq: 22 Feb 2021 17:03

Tgt Ion:330 Resp: 292845
Ion Ratio Lower Upper
330 100
332 98.6 77.5 116.3
141 41.5 23.8 35.8#

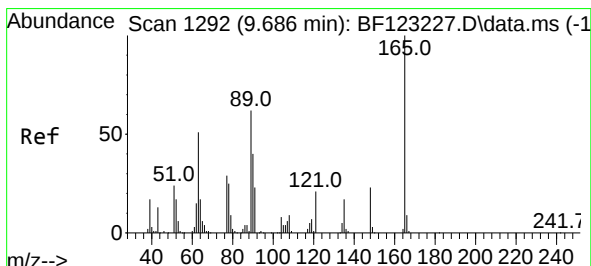
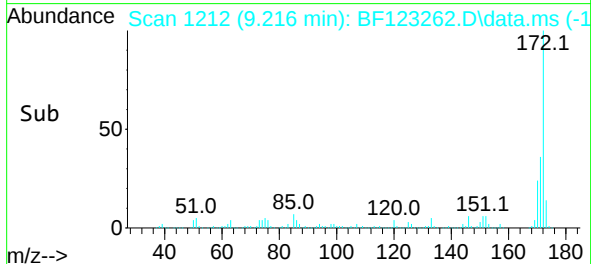
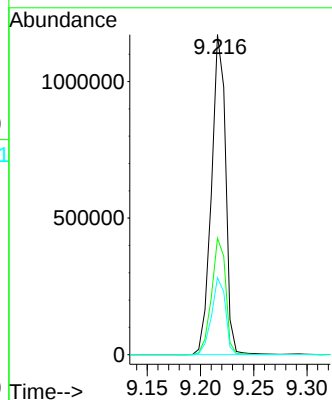
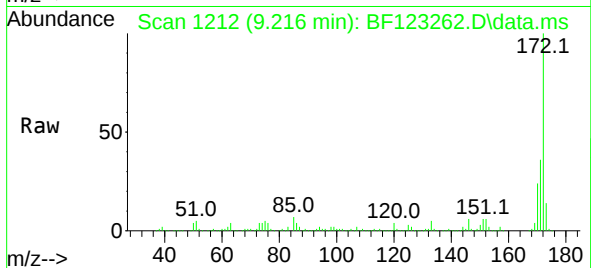




#45
2-Fluorobiphenyl
Concen: 67.10 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123262.D
Acq: 22 Feb 2021 17:03

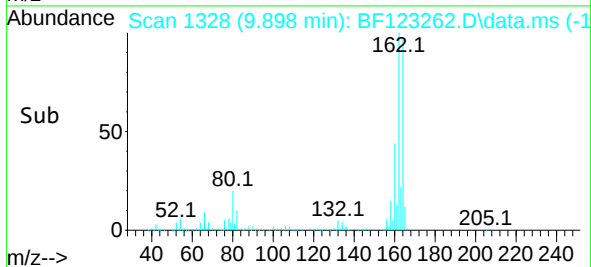
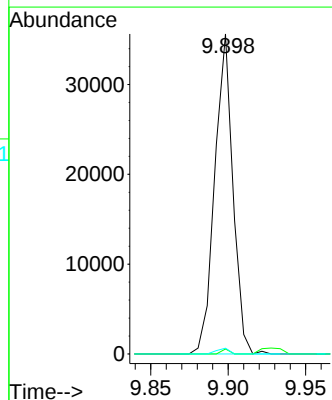
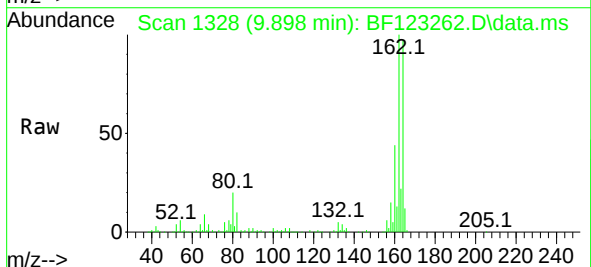
Instrument :
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ClientSampleId :
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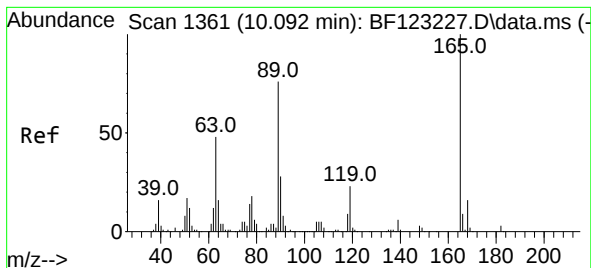
Tgt Ion:172 Resp: 1087876
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.1 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.24 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123262.D
Acq: 22 Feb 2021 17:03

Tgt Ion:165 Resp: 29053
Ion Ratio Lower Upper
165 100
63 1.6 36.6 55.0#
89 1.8 39.4 59.0#

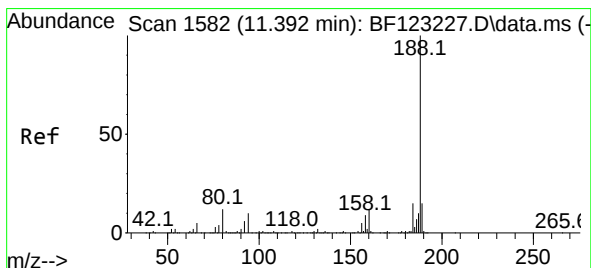
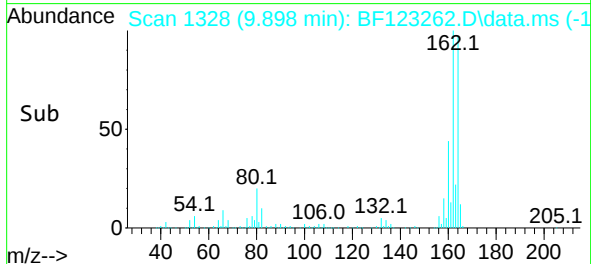
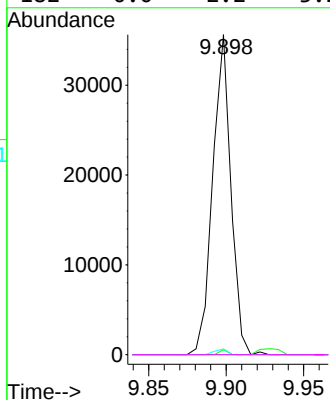
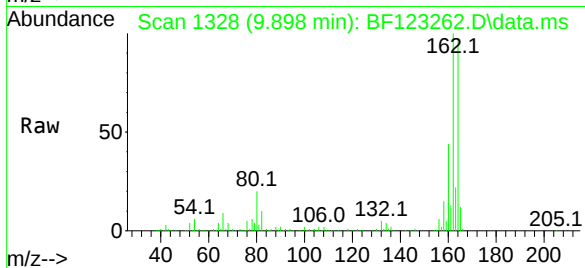




#57
2,4-Dinitrotoluene
Concen: 5.38 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123262.D
Acq: 22 Feb 2021 17:03

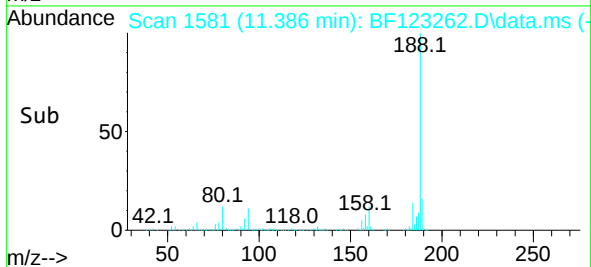
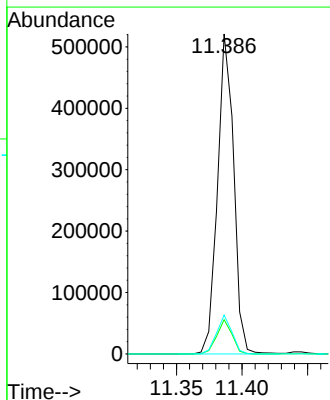
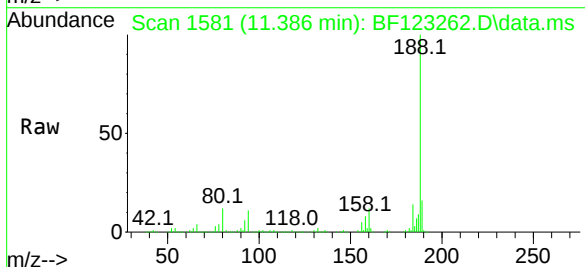
Instrument :
BNA_F
ClientSampled :
TP-3

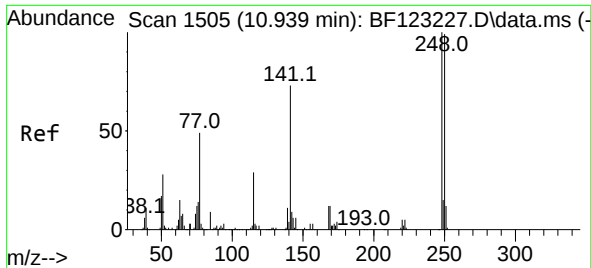
Tgt Ion:	165	Resp:	29053
Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	1.8	55.2	82.8#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123262.D
Acq: 22 Feb 2021 17:03

Tgt Ion:	188	Resp:	445508
Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.4	11.2
80	12.1	8.2	12.4

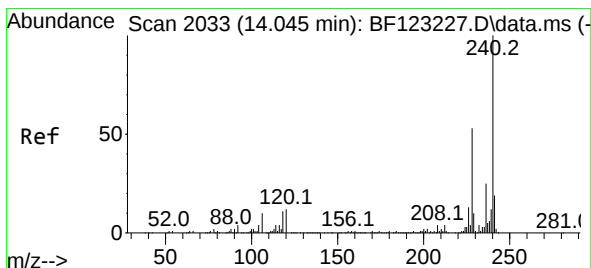
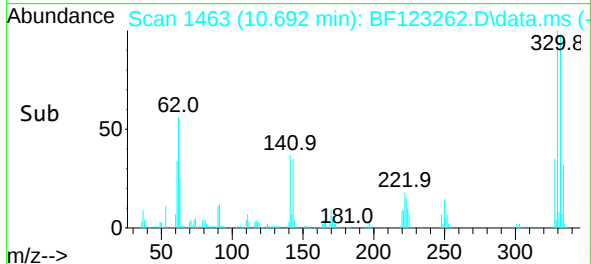
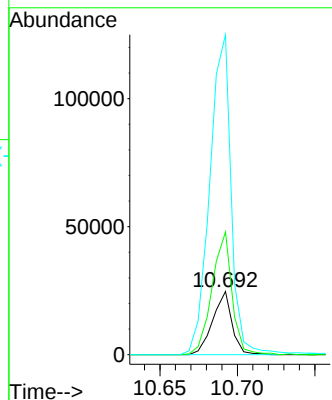
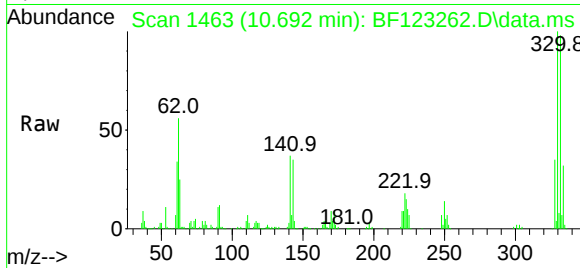




#67
4-Bromophenyl-phenylether
Concen: 4.41 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF123262.D
Acq: 22 Feb 2021 17:03

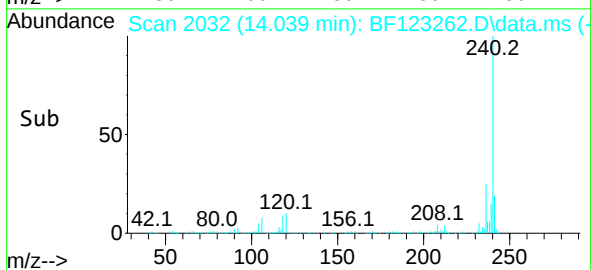
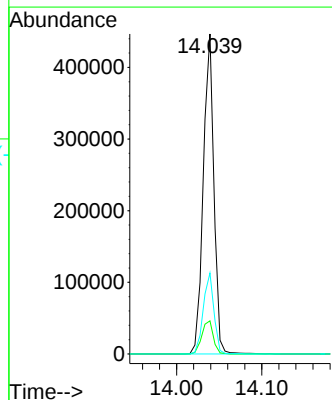
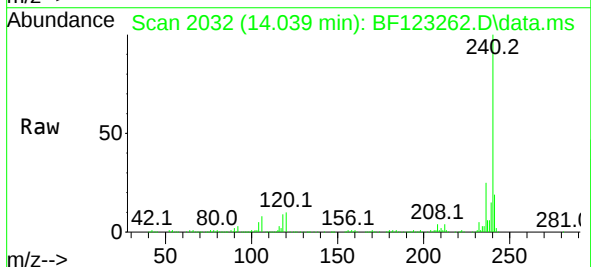
Instrument :
BNA_F
ClientSampleId :
TP-3

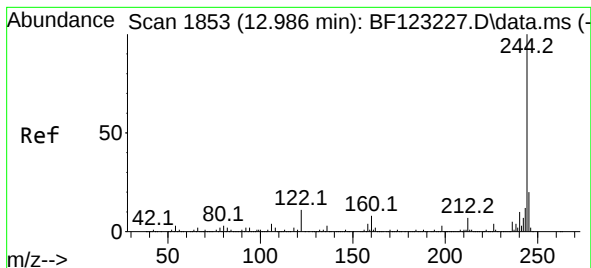
Tgt Ion:248 Resp: 21417
Ion Ratio Lower Upper
248 100
250 194.3 76.8 115.2#
141 506.3 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123262.D
Acq: 22 Feb 2021 17:03

Tgt Ion:240 Resp: 386142
Ion Ratio Lower Upper
240 100
120 10.3 8.6 12.8
236 25.3 20.3 30.5





#79

Terphenyl-d14

Concen: 71.94 ng

RT: 12.986 min Scan# 1853

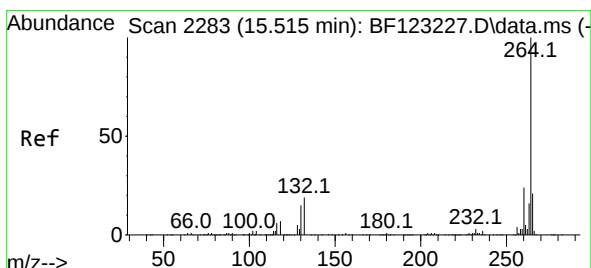
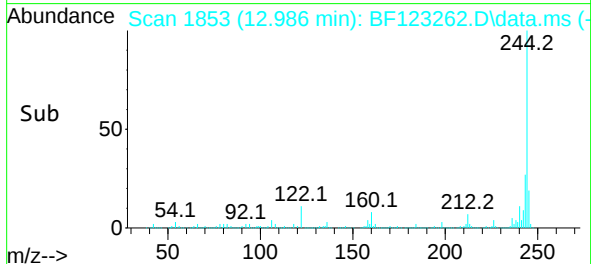
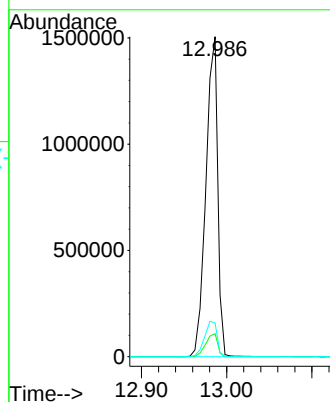
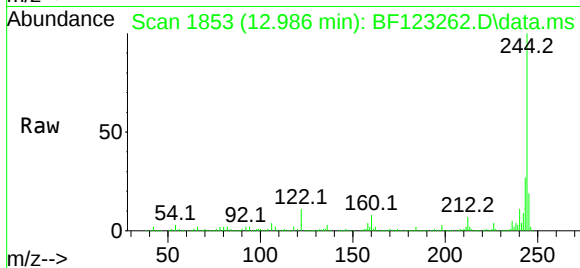
Delta R.T. 0.000 min

Lab File: BF123262.D

Acq: 22 Feb 2021 17:03

Tgt Ion:244 Resp: 1444627

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	10.6	8.3	12.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.510 min Scan# 2282

Delta R.T. -0.006 min

Lab File: BF123262.D

Acq: 22 Feb 2021 17:03

Tgt Ion:264 Resp: 343446

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	20.6	17.0	25.6

