

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
 Data File : BF123267.D
 Acq On : 22 Feb 2021 19:48
 Operator : JU/CG
 Sample : M1452-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Feb 23 03:51:14 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)

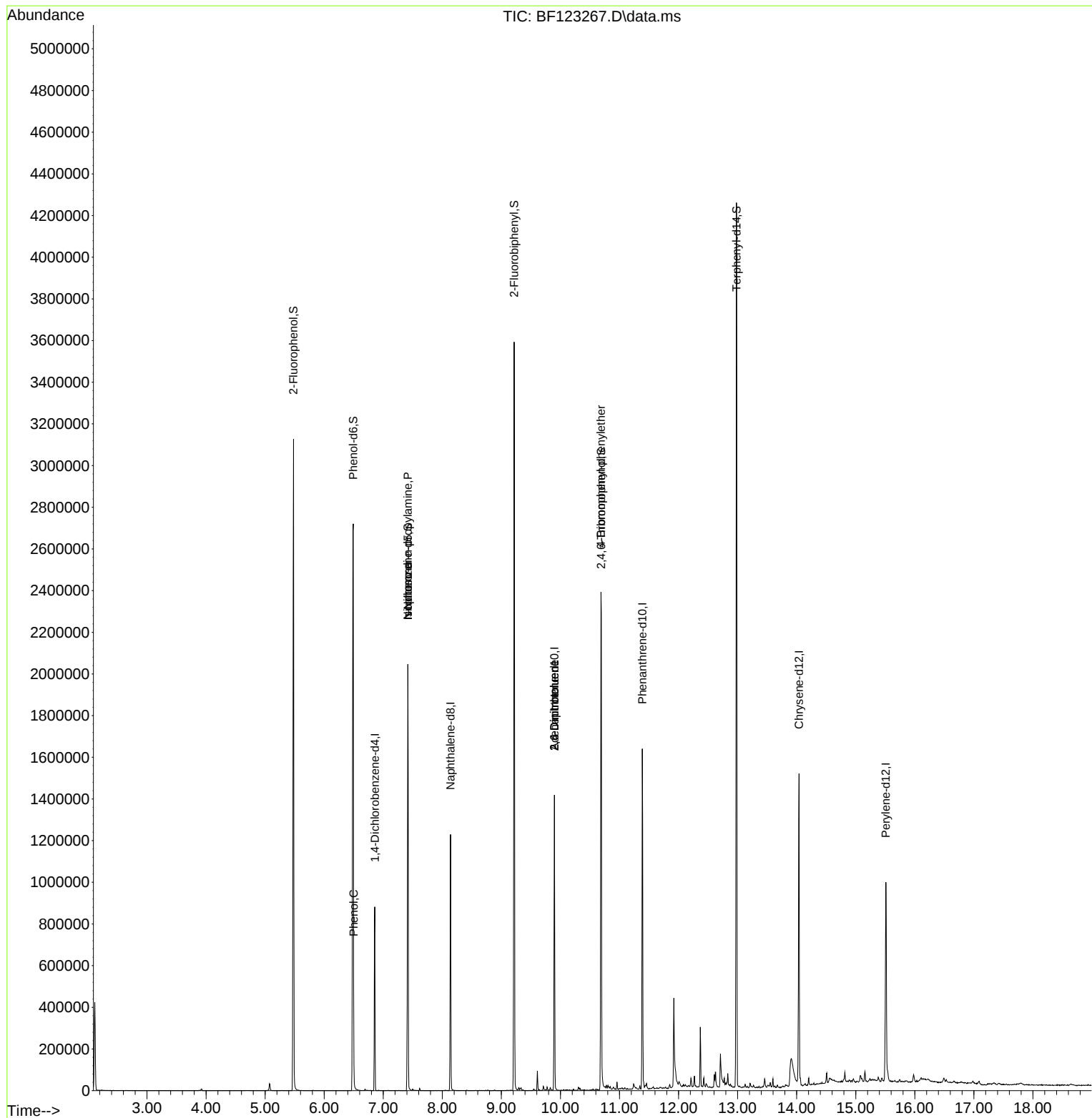
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	117253	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	478073	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	250553	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	556552	20.00	ng	# 0.00
76) Chrysene-d12	14.039	240	460076	20.00	ng	0.00
86) Perylene-d12	15.510	264	398791	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	783961	96.24	ng	0.00
7) Phenol-d6	6.492	99	1010440	91.30	ng	0.00
23) Nitrobenzene-d5	7.416	82	659942	63.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	261690	102.57	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1021831	58.58	ng	0.00
79) Terphenyl-d14	12.980	244	1244834	52.03	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.487	77	2161	Below Cal	#	1
10) Phenol	6.498	94	33751	2.80	ng	89
19) n-Nitroso-di-n-propyla...	7.416	70	90334	13.72	ng	# 80
25) Isophorone	7.416	82	655836	33.58	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	30778	7.13	ng	# 32
57) 2,4-Dinitrotoluene	9.898	165	30778	5.30	ng	# 26
67) 4-Bromophenyl-phenylether	10.686	248	19321	3.18	ng	# 1

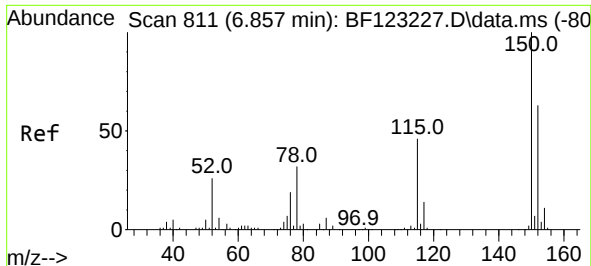
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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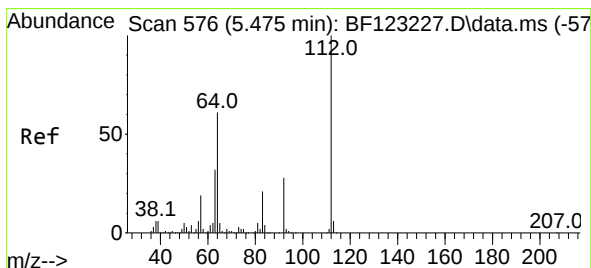
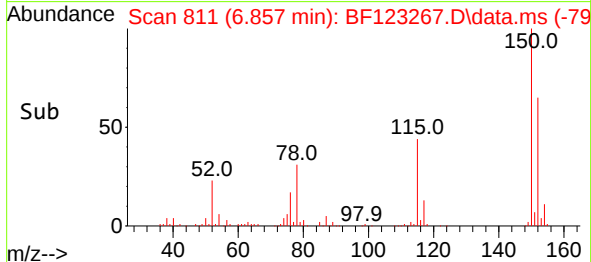
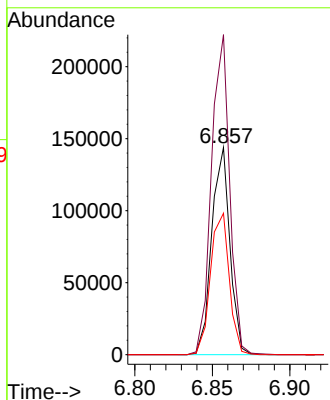
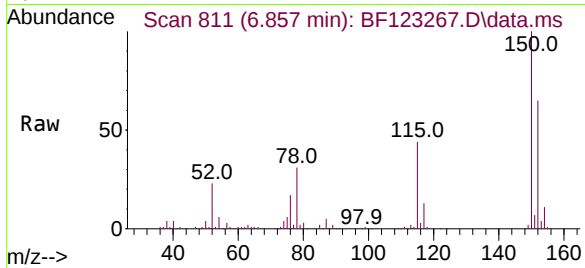




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123267.D
Acq: 22 Feb 2021 19:48

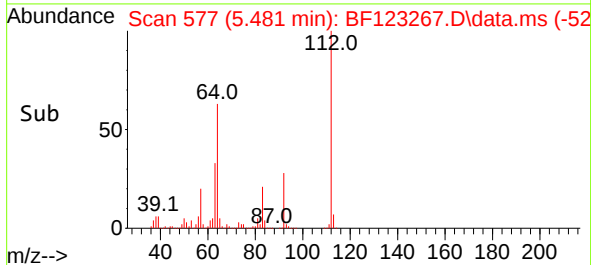
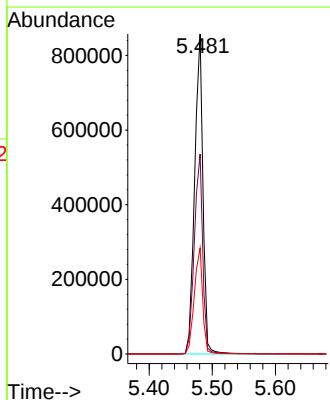
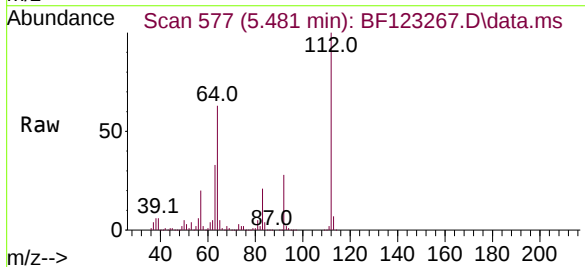
Instrument :
BNA_F
ClientSampled :
TP-5

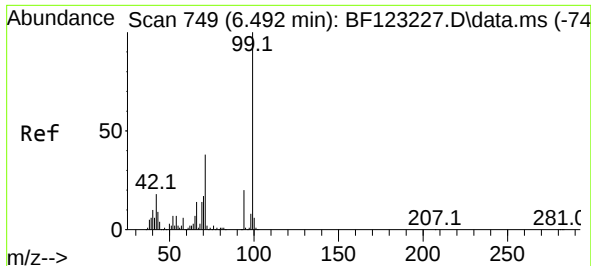
Tgt Ion:152 Resp: 117253
Ion Ratio Lower Upper
152 100
150 154.4 125.8 188.6
115 68.3 49.3 73.9



#5
2-Fluorophenol
Concen: 96.24 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF123267.D
Acq: 22 Feb 2021 19:48

Tgt Ion:112 Resp: 783961
Ion Ratio Lower Upper
112 100
64 62.5 46.9 70.3
63 33.1 24.5 36.7

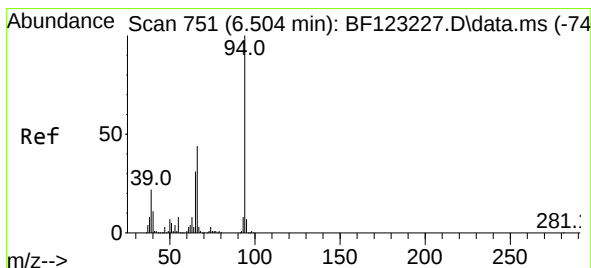
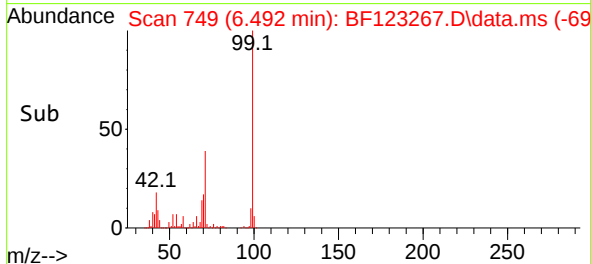
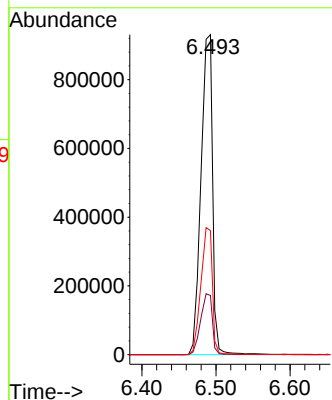
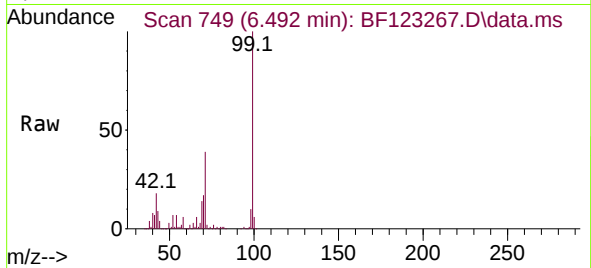




#7
Phenol-d6
Concen: 91.30 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF123267.D
Acq: 22 Feb 2021 19:48

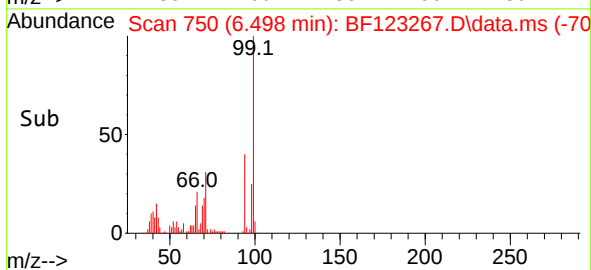
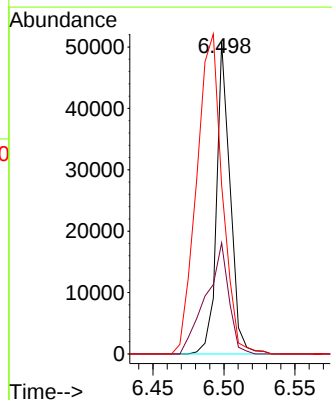
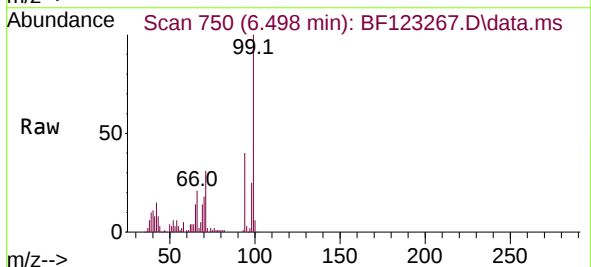
Instrument :
BNA_F
ClientSampleId :
TP-5

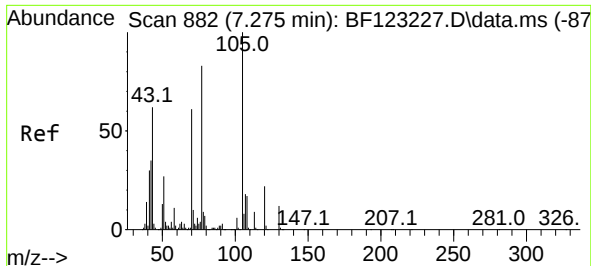
Tgt Ion: 99 Resp: 1010440
Ion Ratio Lower Upper
99 100
42 18.5 13.8 20.6
71 38.8 26.9 40.3



#10
Phenol
Concen: 2.80 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF123267.D
Acq: 22 Feb 2021 19:48

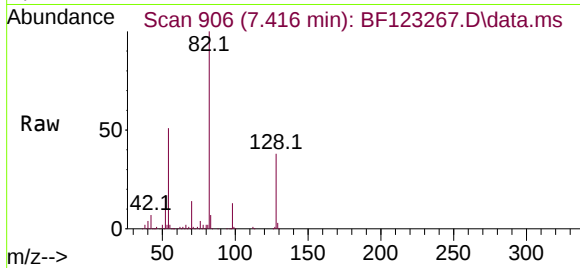
Tgt Ion: 94 Resp: 33751
Ion Ratio Lower Upper
94 100
65 35.6 11.2 51.2
66 54.1 25.8 65.8



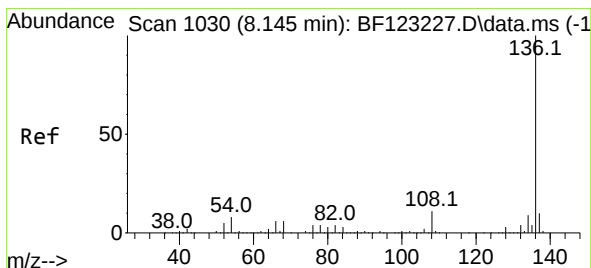
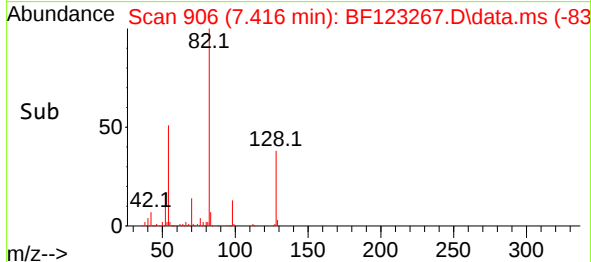
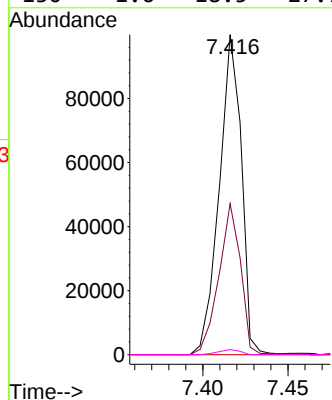


#19
n-Nitroso-di-n-propylamine
Concen: 13.72 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123267.D
Acq: 22 Feb 2021 19:48

Instrument :
BNA_F
ClientSampled :
TP-5

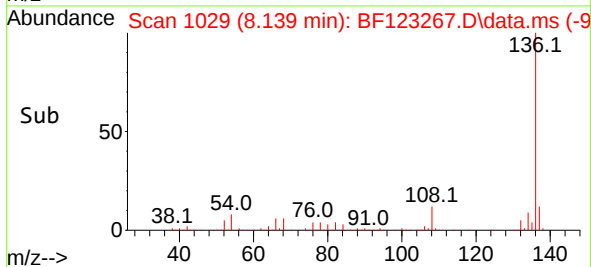
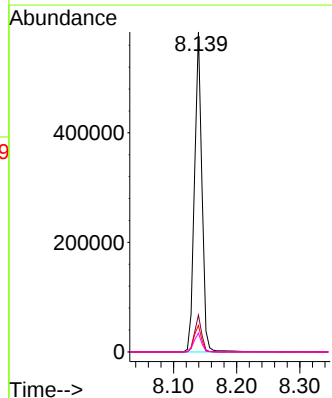
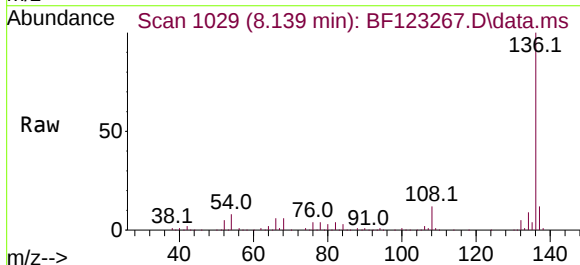


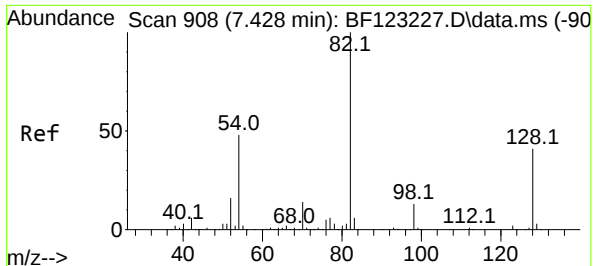
Tgt Ion: 70 Resp: 90334
Ion Ratio Lower Upper
70 100
42 47.2 43.0 64.4
101 0.0 7.9 11.9#
130 1.6 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123267.D
Acq: 22 Feb 2021 19:48

Tgt Ion: 136 Resp: 478073
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 8.3 5.5 8.3#
68 5.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 63.19 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF123267.D

Acq: 22 Feb 2021 19:48

Tgt Ion: 82 Resp: 659942

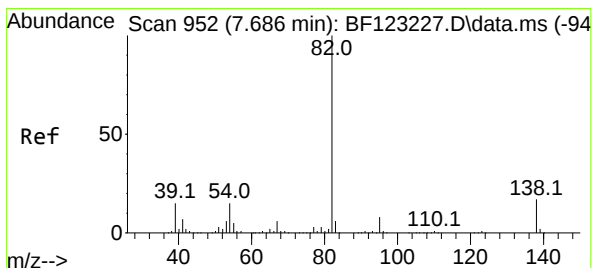
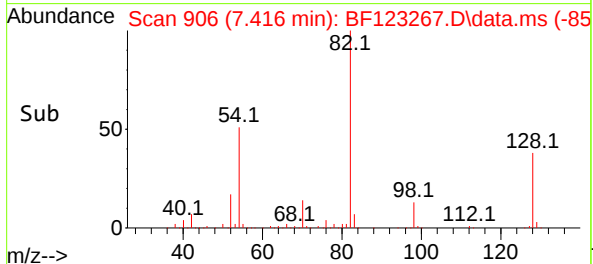
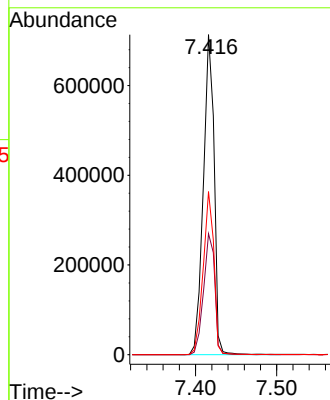
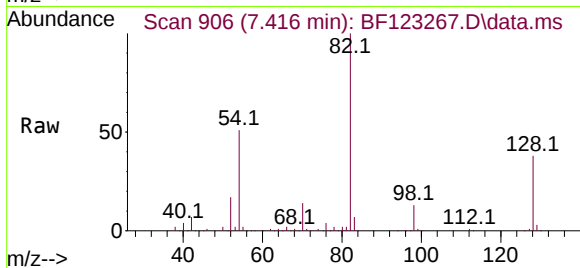
Ion	Ratio	Lower	Upper
82	100		
128	37.8	37.0	55.4
54	51.0	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

TP-5



#25

Isophorone

Concen: 33.58 ng

RT: 7.416 min Scan# 906

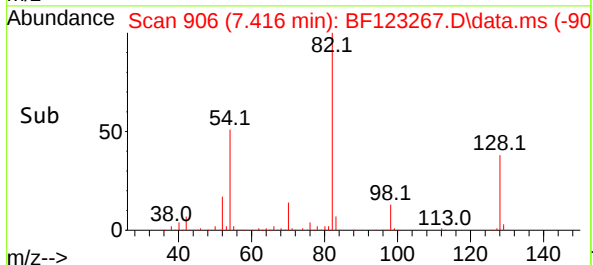
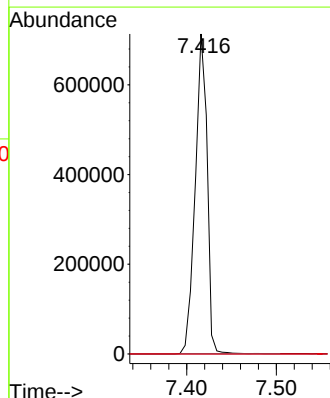
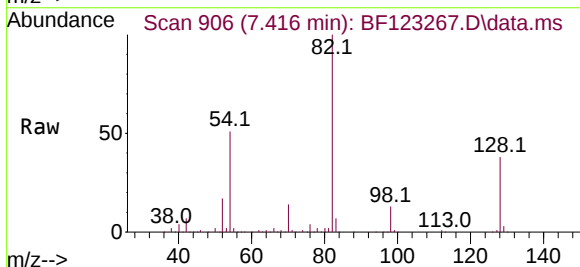
Delta R.T. -0.270 min

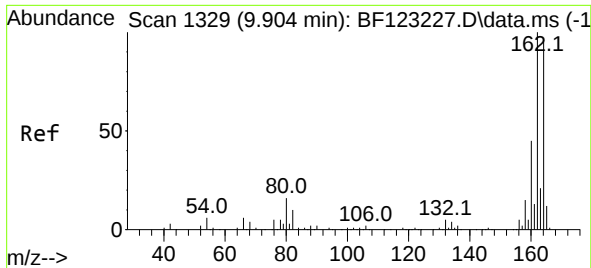
Lab File: BF123267.D

Acq: 22 Feb 2021 19:48

Tgt Ion: 82 Resp: 655836

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

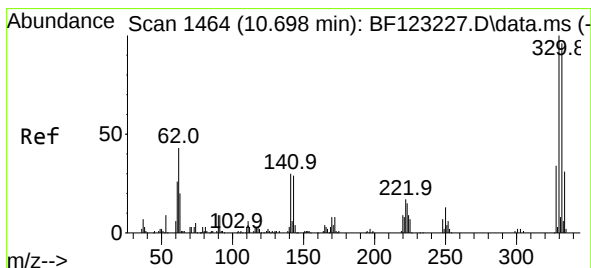
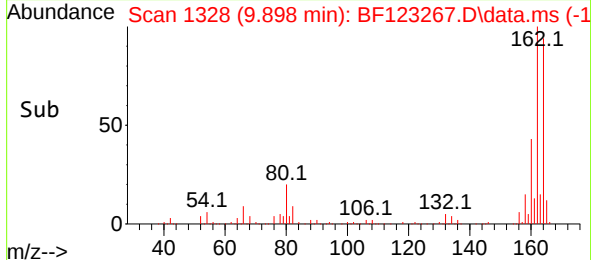
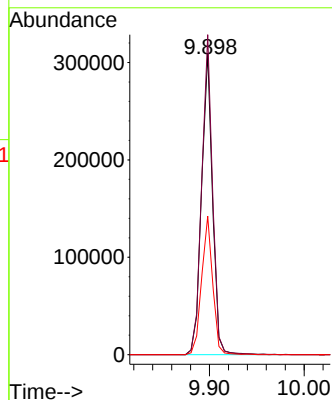
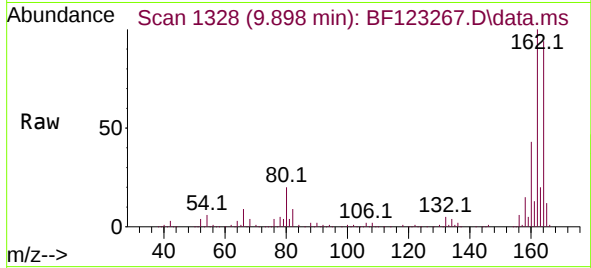




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123267.D
Acq: 22 Feb 2021 19:48

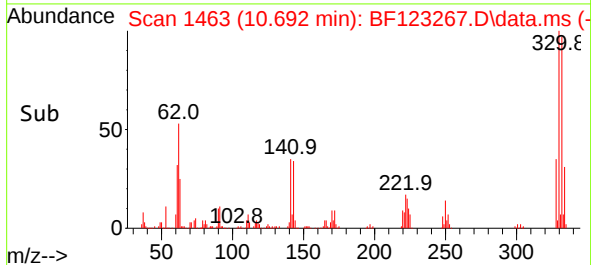
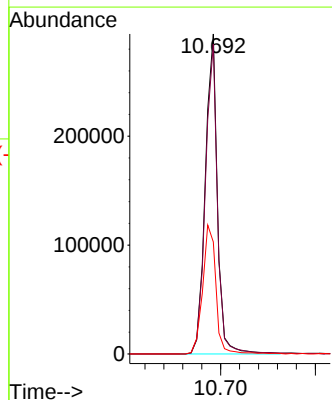
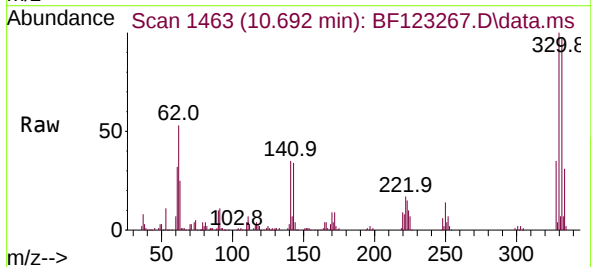
Instrument :
BNA_F
ClientSampleId :
TP-5

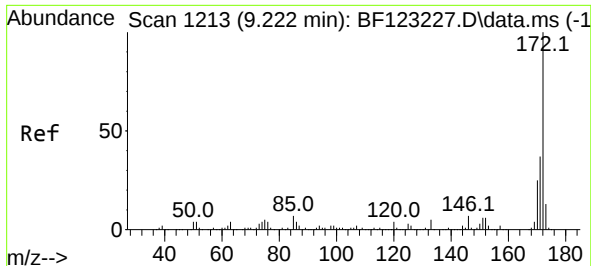
Tgt Ion:164 Resp: 250553
Ion Ratio Lower Upper
164 100
162 106.1 80.8 121.2
160 46.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 102.57 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123267.D
Acq: 22 Feb 2021 19:48

Tgt Ion:330 Resp: 261690
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 44.2 23.8 35.8#

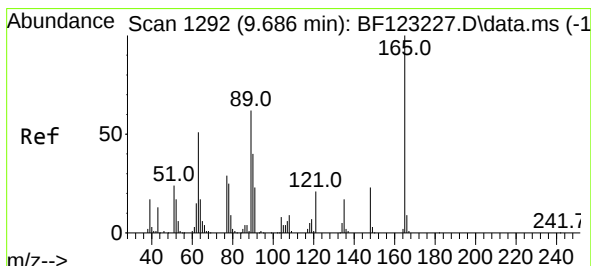
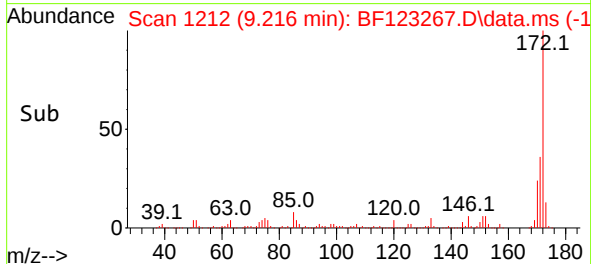
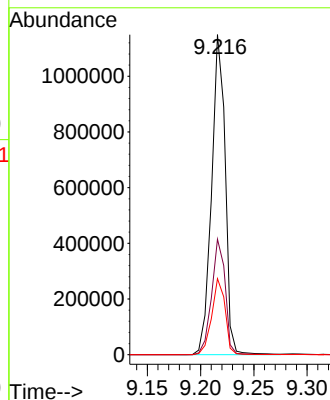
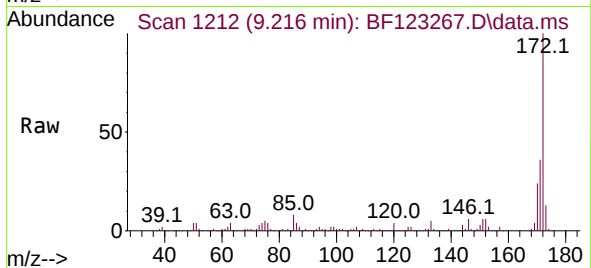




#45
2-Fluorobiphenyl
Concen: 58.58 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123267.D
Acq: 22 Feb 2021 19:48

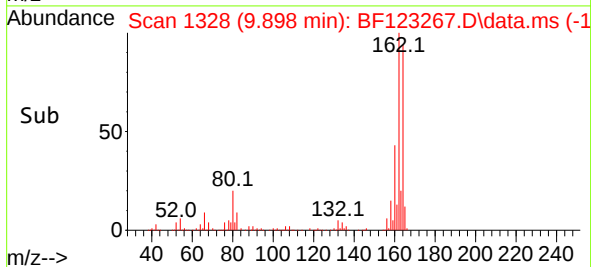
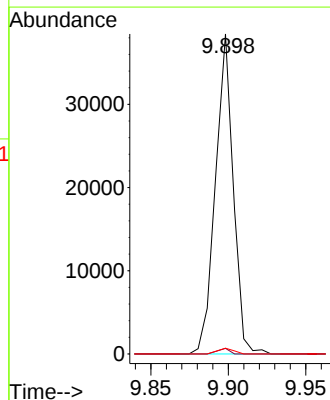
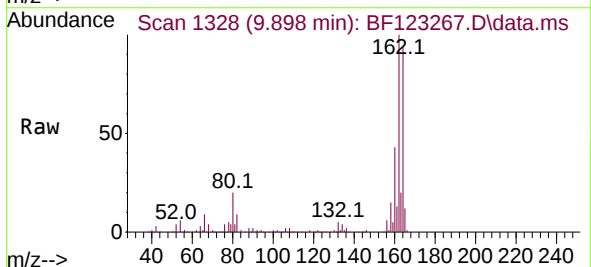
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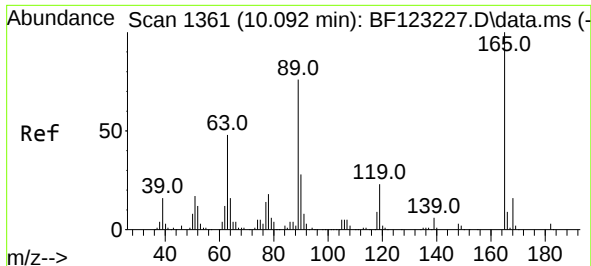
Tgt Ion:172 Resp: 1021831
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.8 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.13 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123267.D
Acq: 22 Feb 2021 19:48

Tgt Ion:165 Resp: 30778
Ion Ratio Lower Upper
165 100
63 1.8 36.6 55.0#
89 1.8 39.4 59.0#

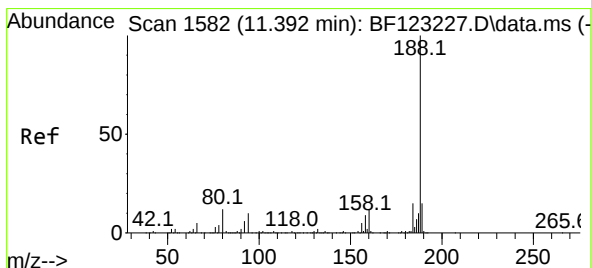
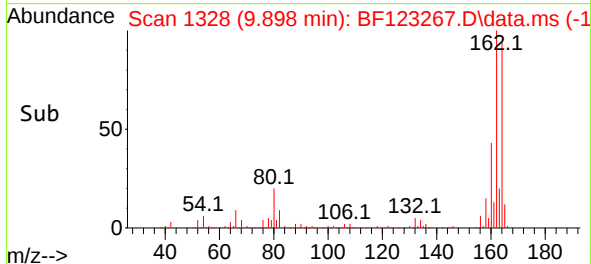
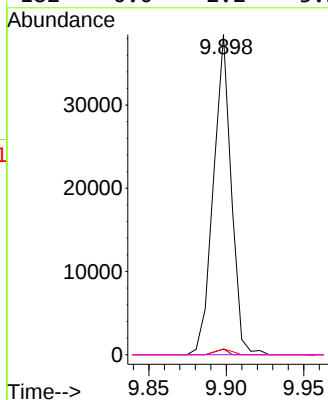
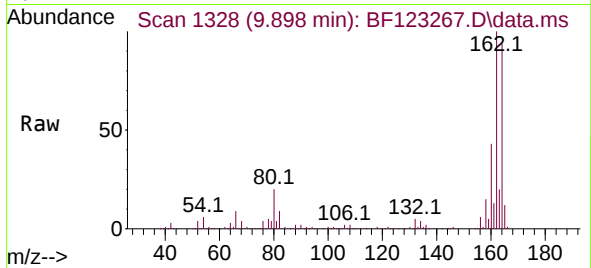




#57
2,4-Dinitrotoluene
Concen: 5.30 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123267.D
Acq: 22 Feb 2021 19:48

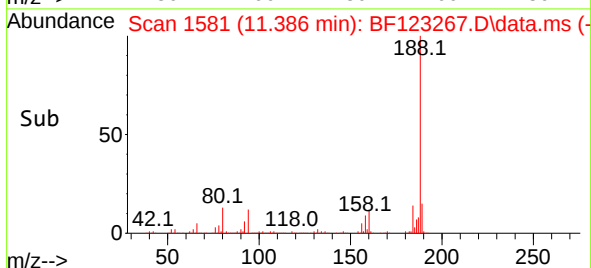
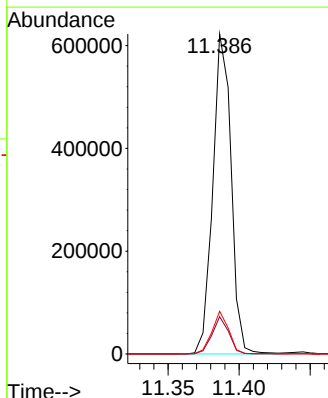
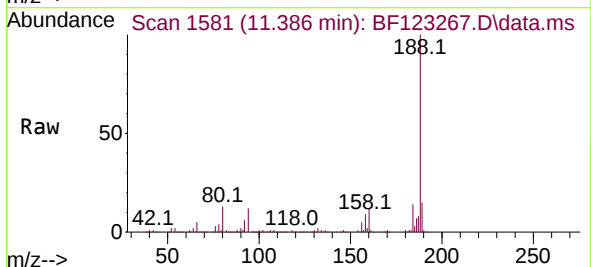
Instrument :
BNA_F
ClientSampleId :
TP-5

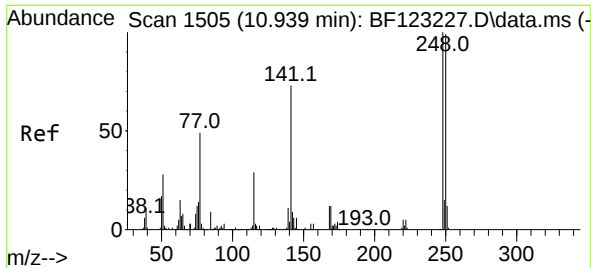
Tgt Ion:	165	Resp:	30778
Ion Ratio	Lower	Upper	
165	100		
63	1.8	34.3	51.5#
89	1.8	55.2	82.8#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123267.D
Acq: 22 Feb 2021 19:48

Tgt Ion:	188	Resp:	556552
Ion Ratio	Lower	Upper	
188	100		
94	11.7	7.4	11.2#
80	13.4	8.2	12.4#

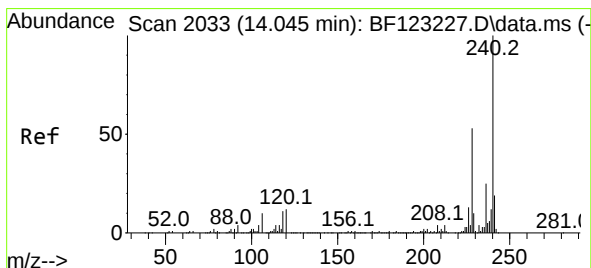
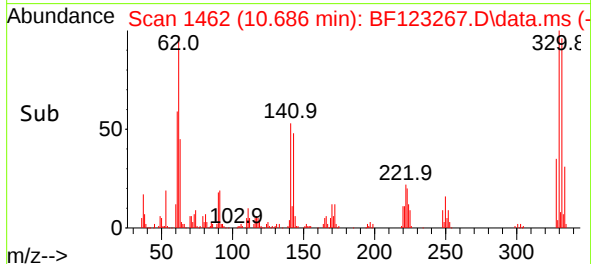
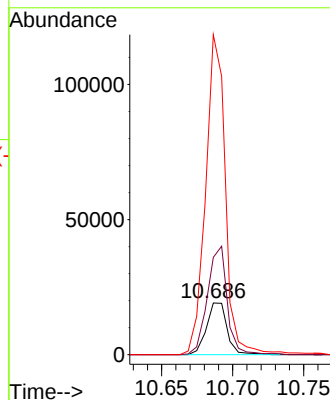
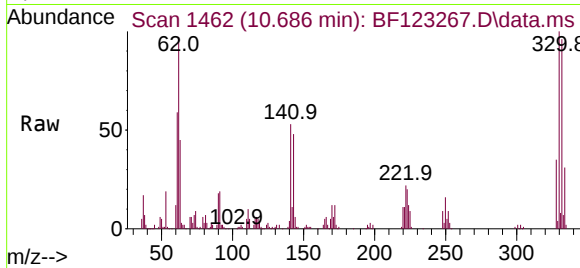




#67
4-Bromophenyl-phenylether
Concen: 3.18 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF123267.D
Acq: 22 Feb 2021 19:48

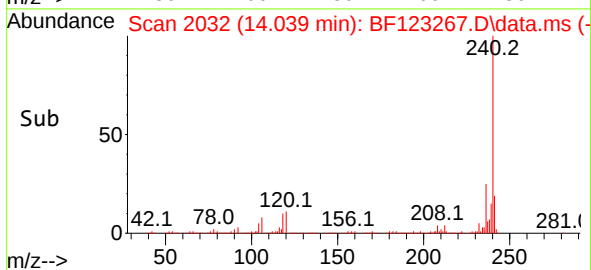
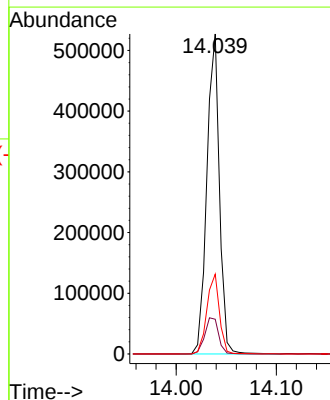
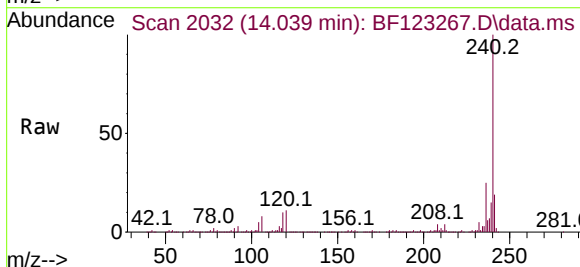
Instrument :
BNA_F
ClientSampled :
TP-5

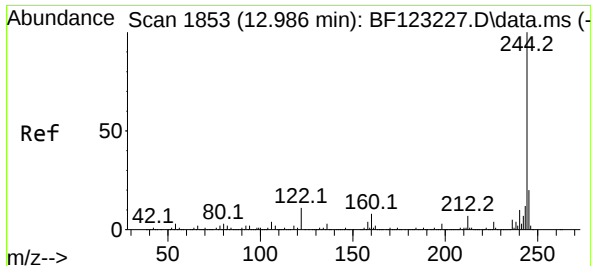
Tgt Ion:248 Resp: 19321
Ion Ratio Lower Upper
248 100
250 188.4 76.8 115.2#
141 619.9 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123267.D
Acq: 22 Feb 2021 19:48

Tgt Ion:240 Resp: 460076
Ion Ratio Lower Upper
240 100
120 10.8 8.6 12.8
236 25.0 20.3 30.5

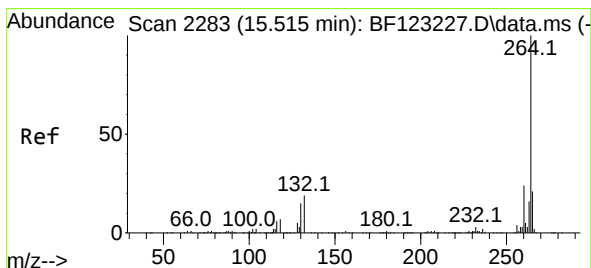
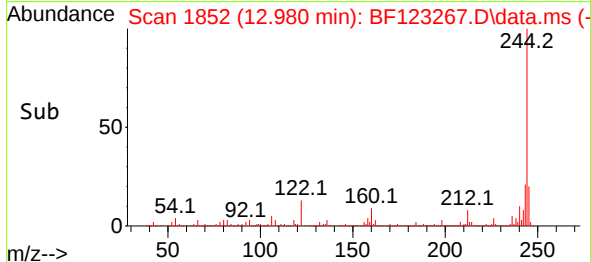
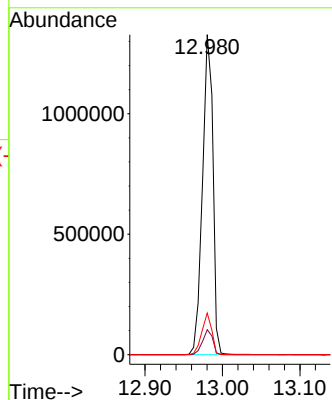
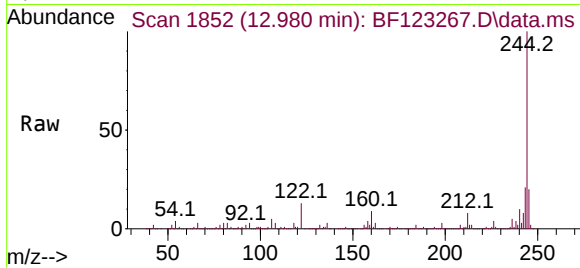




#79
 Terphenyl-d14
 Concen: 52.03 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF123267.D
 Acq: 22 Feb 2021 19:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tgt Ion:244 Resp: 1244834
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 13.0 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: BF123267.D
 Acq: 22 Feb 2021 19:48

Tgt Ion:264 Resp: 398791
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.1 17.0 25.6

