

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
 Data File : BF123265.D
 Acq On : 22 Feb 2021 18:43
 Operator : JU/CG
 Sample : M1452-24
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Feb 23 03:50:56 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)

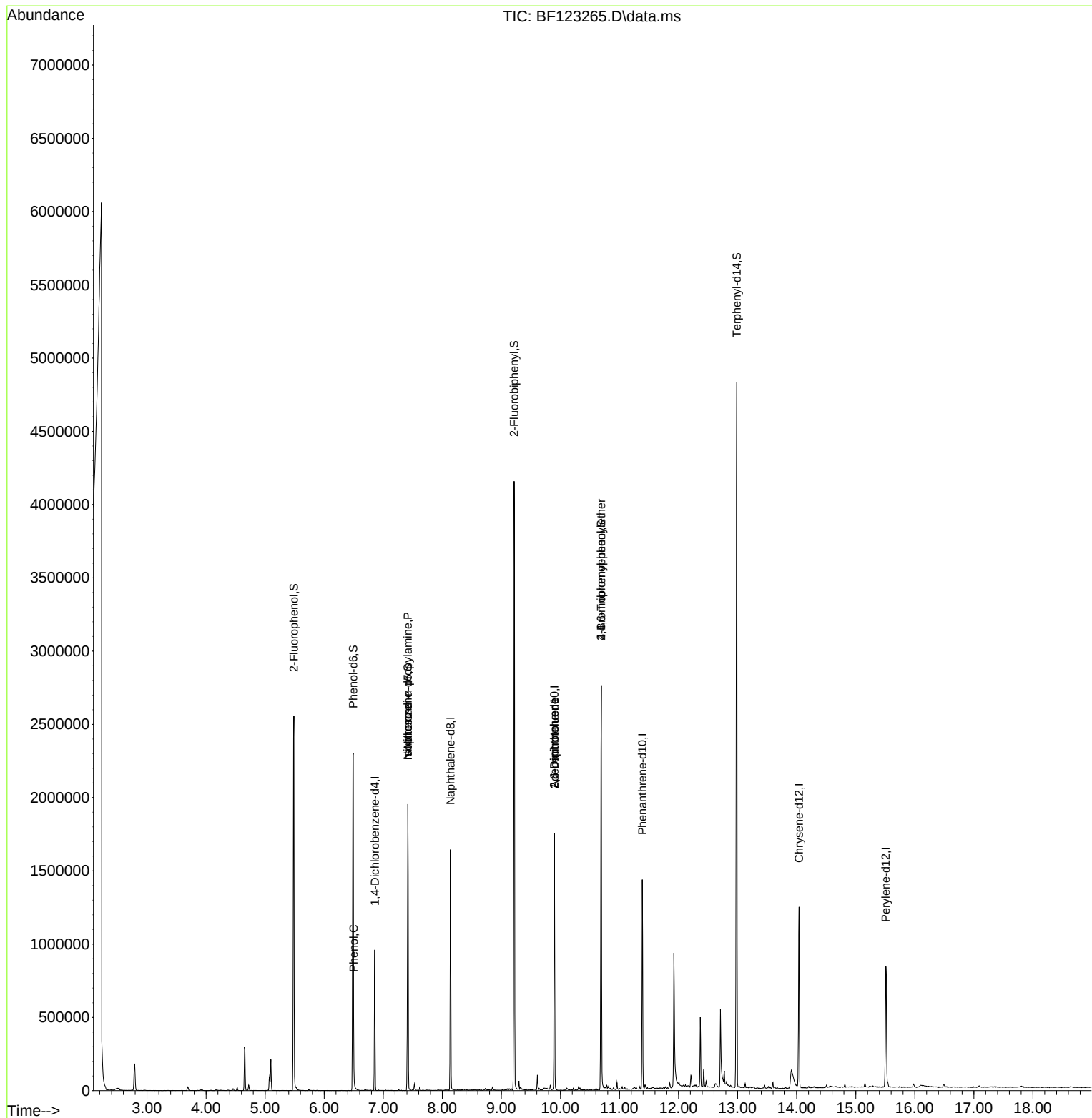
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	116659	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	607790	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	299284	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	471607	20.00	ng	# 0.00
76) Chrysene-d12	14.039	240	396964	20.00	ng	0.00
86) Perylene-d12	15.510	264	365927	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	689432	85.07	ng	0.01
7) Phenol-d6	6.492	99	838376	76.14	ng	0.00
23) Nitrobenzene-d5	7.416	82	633458	47.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	292218	95.89	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1239072	59.47	ng	0.00
79) Terphenyl-d14	12.986	244	1459157	70.68	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.410	77	292	Below Cal	#	49
10) Phenol	6.498	94	25289	2.11	ng	84
19) n-Nitroso-di-n-propyla...	7.416	70	86989	13.28	ng	# 80
25) Isophorone	7.416	82	629773	25.37	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	39213	7.60	ng	# 31
57) 2,4-Dinitrotoluene	9.898	165	39213	5.65	ng	# 25
67) 4-Bromophenyl-phenylether	10.692	248	21870	4.25	ng	# 1

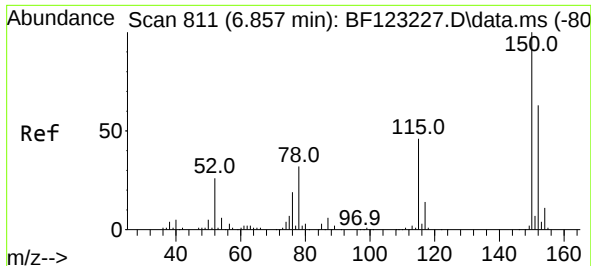
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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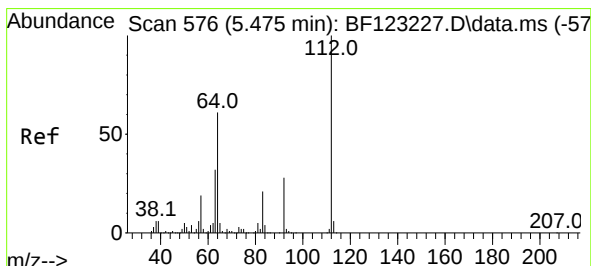
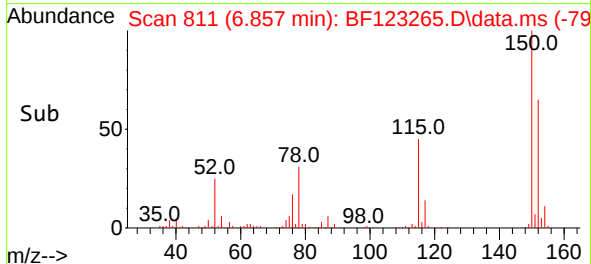
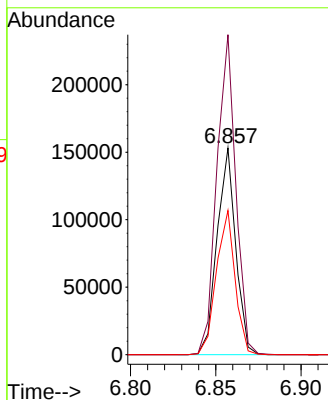
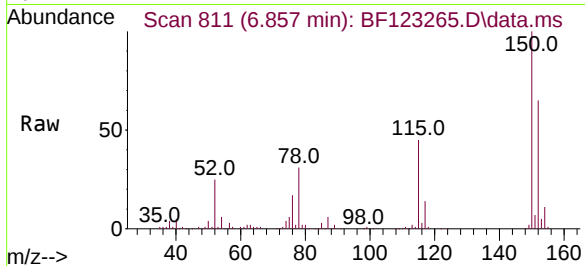




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.857 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF123265.D
 Acq: 22 Feb 2021 18:43

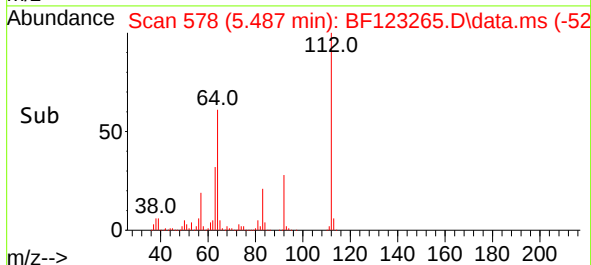
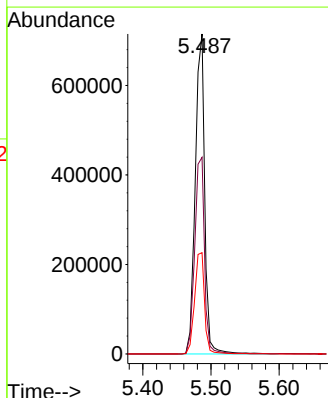
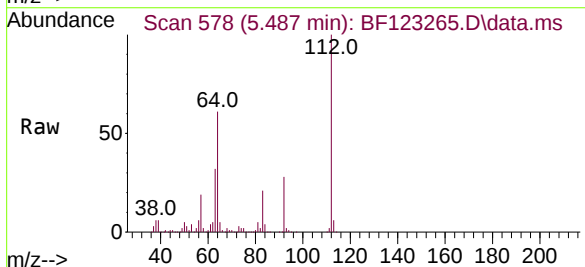
Instrument :
 BNA_F
 ClientSampleId :
 TP-6

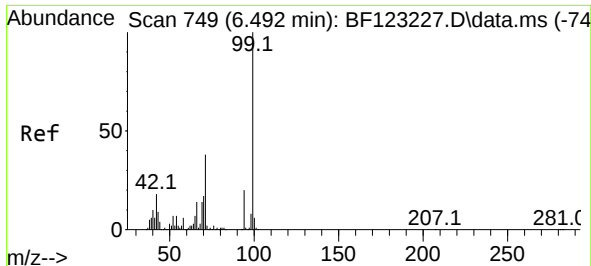
Tgt Ion:152 Resp: 116659
 Ion Ratio Lower Upper
 152 100
 150 154.8 125.8 188.6
 115 69.7 49.3 73.9



#5
 2-Fluorophenol
 Concen: 85.07 ng
 RT: 5.487 min Scan# 578
 Delta R.T. 0.012 min
 Lab File: BF123265.D
 Acq: 22 Feb 2021 18:43

Tgt Ion:112 Resp: 689432
 Ion Ratio Lower Upper
 112 100
 64 61.4 46.9 70.3
 63 31.7 24.5 36.7

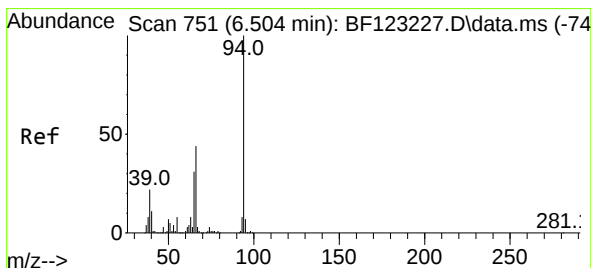
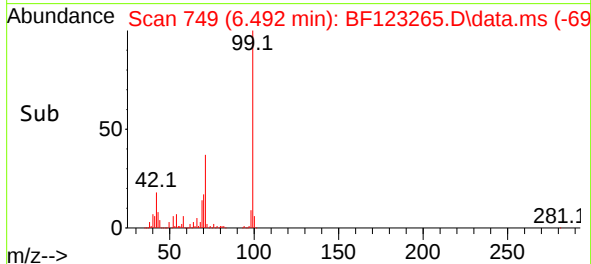
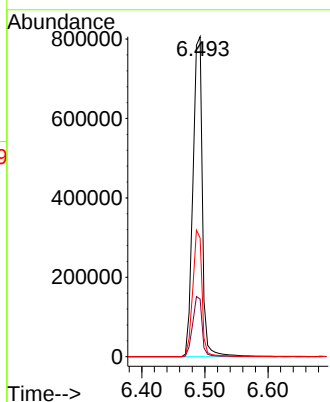
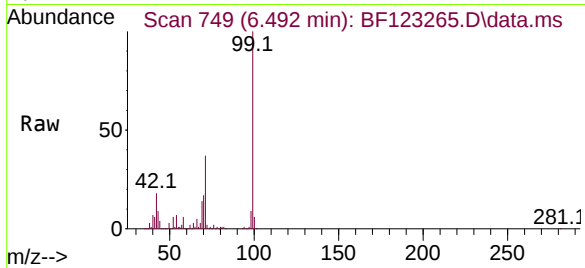




#7
Phenol-d6
Concen: 76.14 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF123265.D
Acq: 22 Feb 2021 18:43

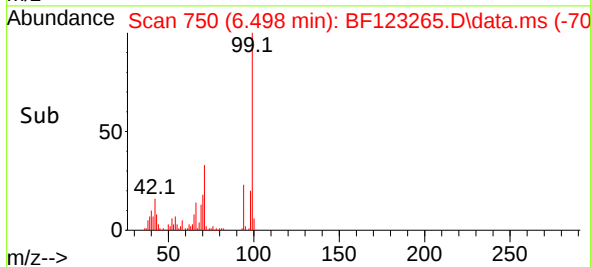
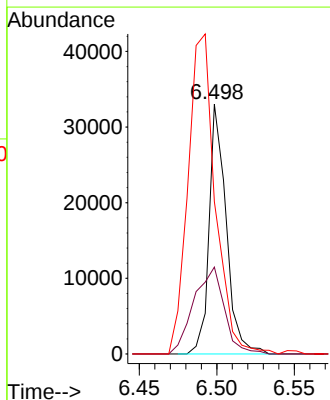
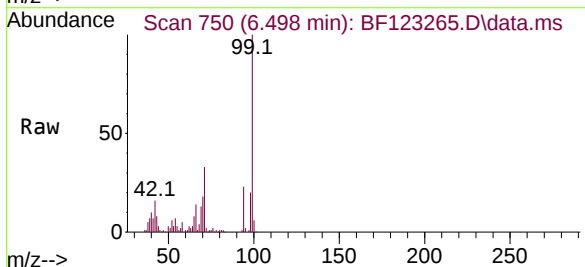
Instrument :
BNA_F
ClientSampleId :
TP-6

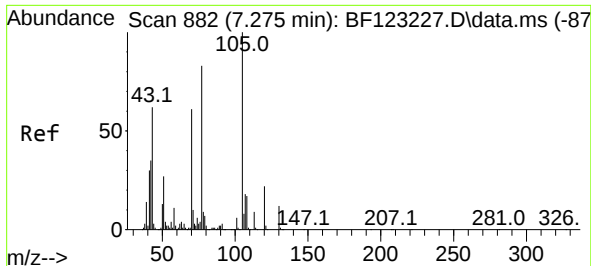
Tgt Ion: 99 Resp: 838376
Ion Ratio Lower Upper
99 100
42 18.0 13.8 20.6
71 37.1 26.9 40.3



#10
Phenol
Concen: 2.11 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF123265.D
Acq: 22 Feb 2021 18:43

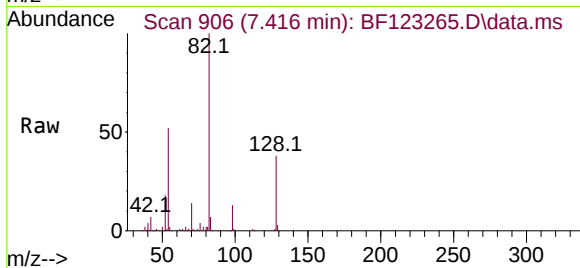
Tgt Ion: 94 Resp: 25289
Ion Ratio Lower Upper
94 100
65 34.8 11.2 51.2
66 61.0 25.8 65.8



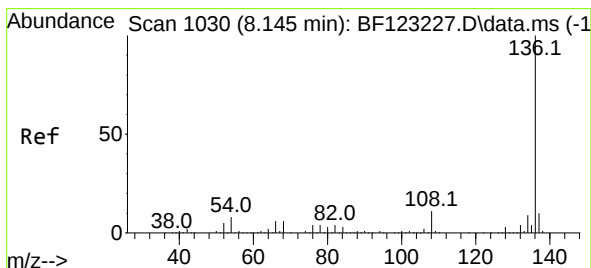
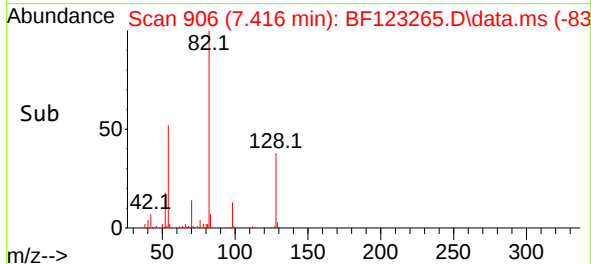
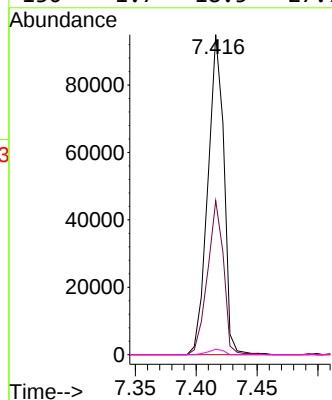


#19
n-Nitroso-di-n-propylamine
Concen: 13.28 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123265.D
Acq: 22 Feb 2021 18:43

Instrument :
BNA_F
ClientSampled :
TP-6

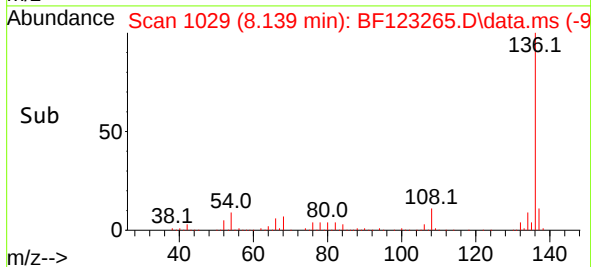
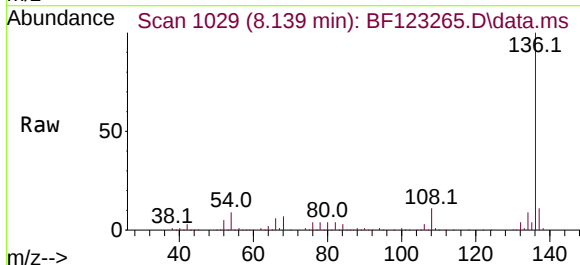
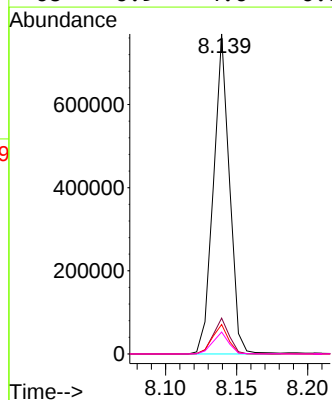


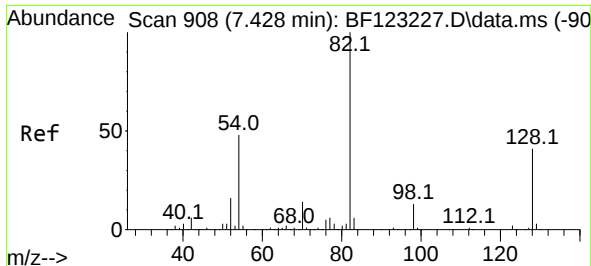
Tgt Ion: 70 Resp: 86989
Ion Ratio Lower Upper
70 100
42 48.1 43.0 64.4
101 0.0 7.9 11.9#
130 1.7 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123265.D
Acq: 22 Feb 2021 18:43

Tgt Ion: 136 Resp: 607790
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.2 5.5 8.3#
68 6.9 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 47.71 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF123265.D

Acq: 22 Feb 2021 18:43

Tgt Ion: 82 Resp: 633458

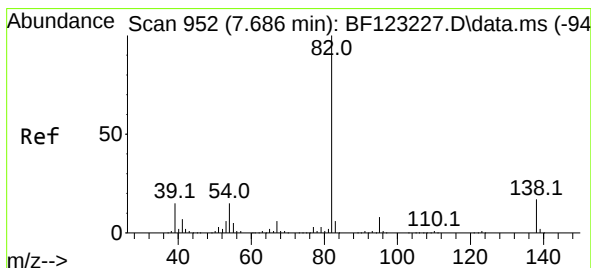
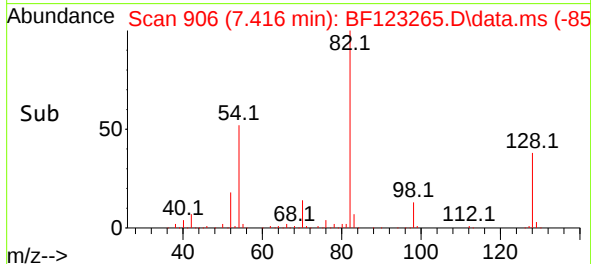
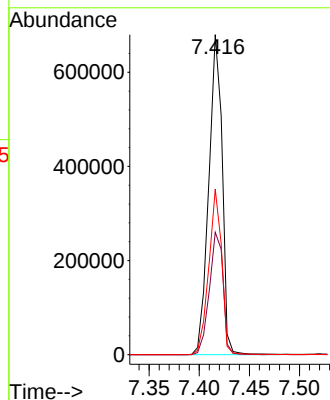
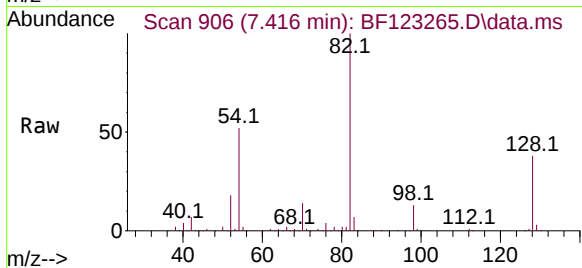
Ion	Ratio	Lower	Upper
82	100		
128	38.3	37.0	55.4
54	51.7	38.4	57.6

Instrument :

BNA_F

ClientSampled :

TP-6



#25

Isophorone

Concen: 25.37 ng

RT: 7.416 min Scan# 906

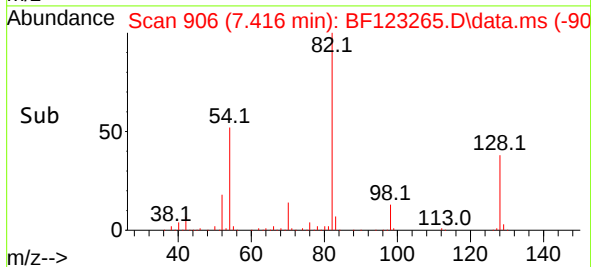
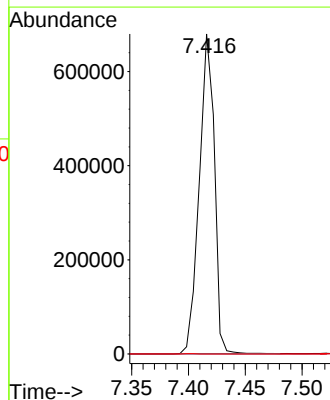
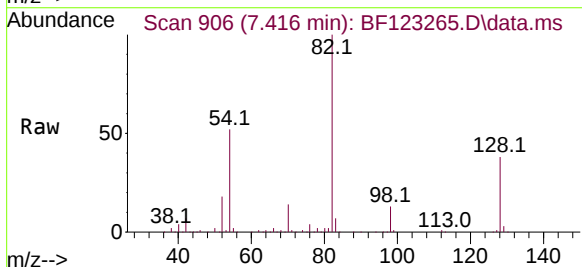
Delta R.T. -0.270 min

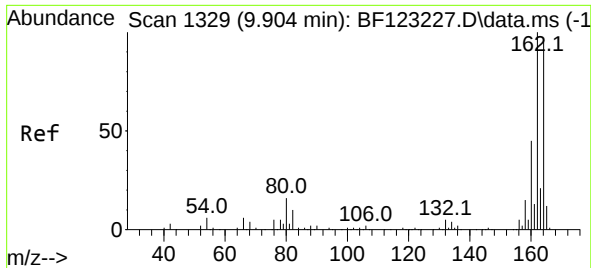
Lab File: BF123265.D

Acq: 22 Feb 2021 18:43

Tgt Ion: 82 Resp: 629773

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

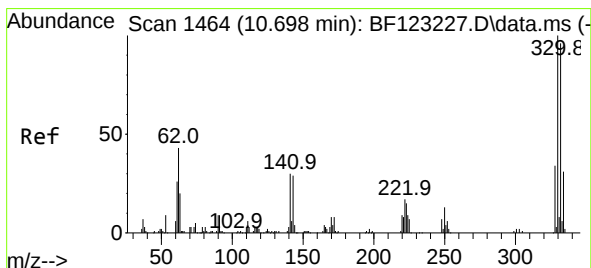
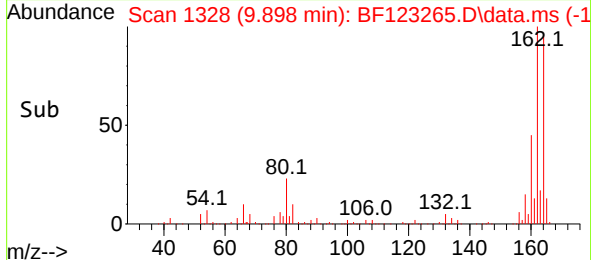
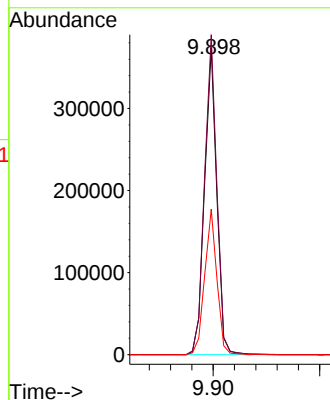
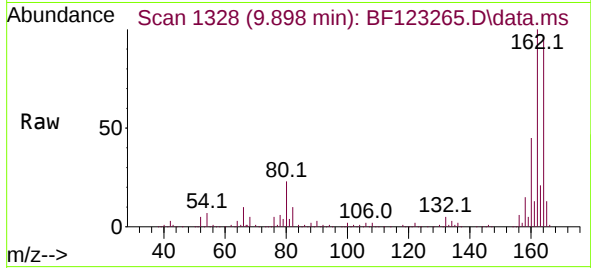




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123265.D
Acq: 22 Feb 2021 18:43

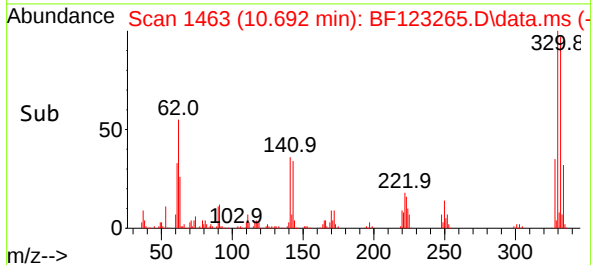
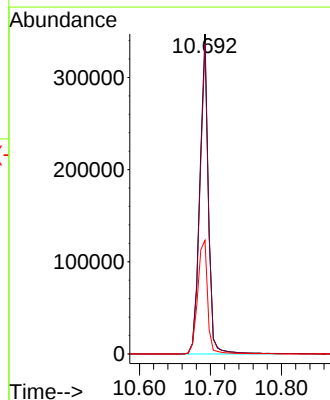
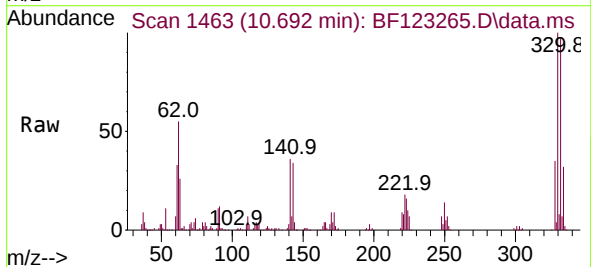
Instrument :
BNA_F
ClientSampleId :
TP-6

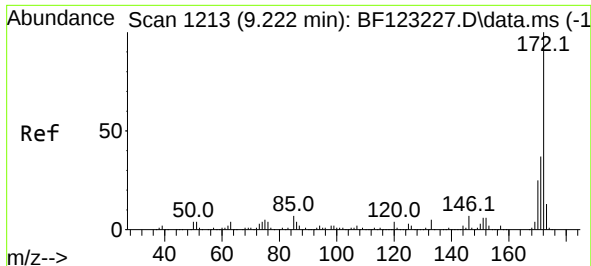
Tgt Ion:164 Resp: 299284
Ion Ratio Lower Upper
164 100
162 104.3 80.8 121.2
160 47.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 95.89 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123265.D
Acq: 22 Feb 2021 18:43

Tgt Ion:330 Resp: 292218
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 41.3 23.8 35.8#

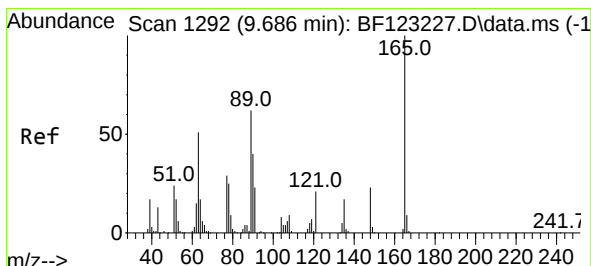
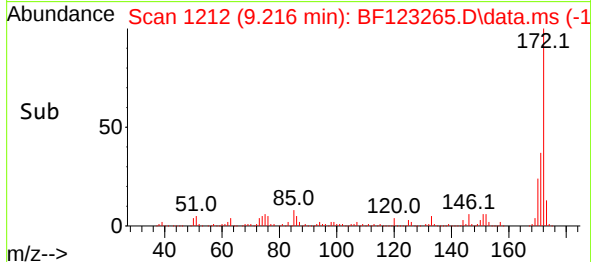
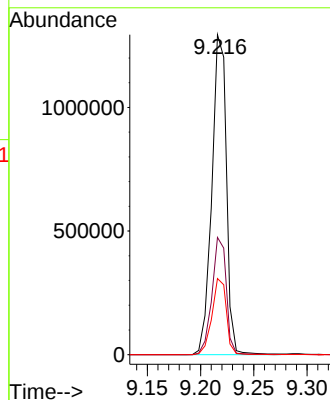
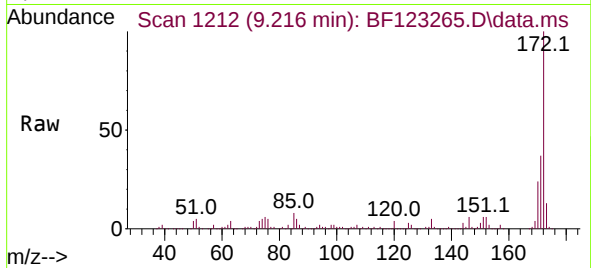




#45
2-Fluorobiphenyl
Concen: 59.47 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123265.D
Acq: 22 Feb 2021 18:43

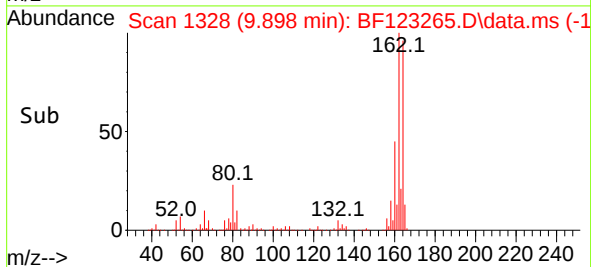
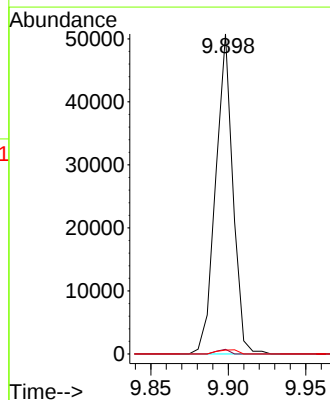
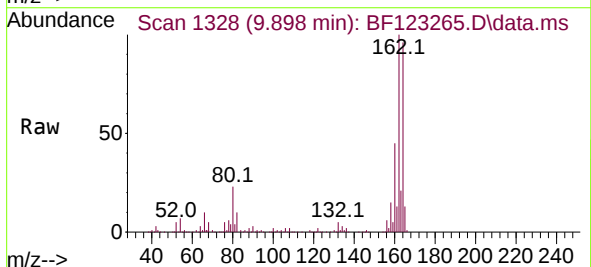
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ClientSampleId :
TP-6

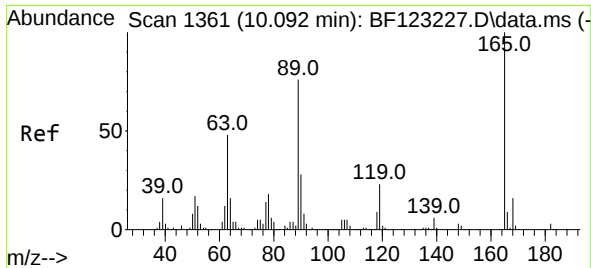
Tgt Ion:172 Resp: 1239072
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 23.8 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.60 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123265.D
Acq: 22 Feb 2021 18:43

Tgt Ion:165 Resp: 39213
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.2 39.4 59.0#

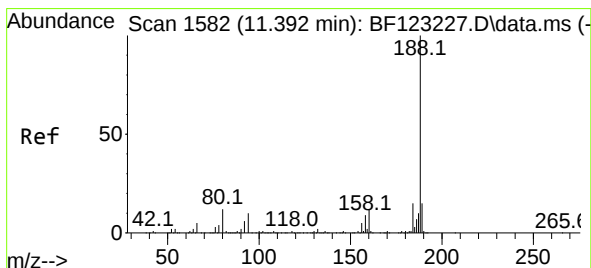
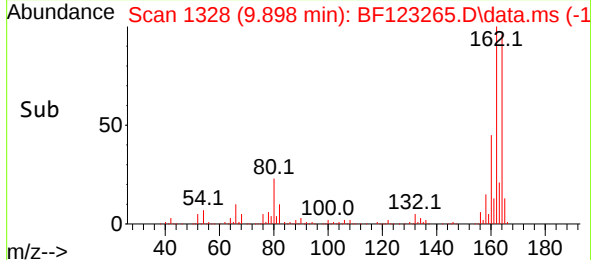
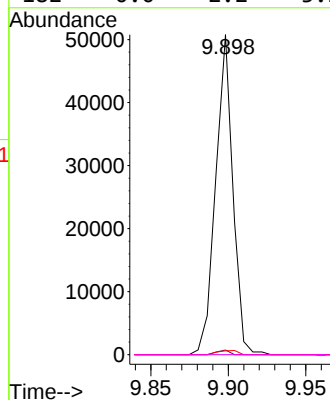
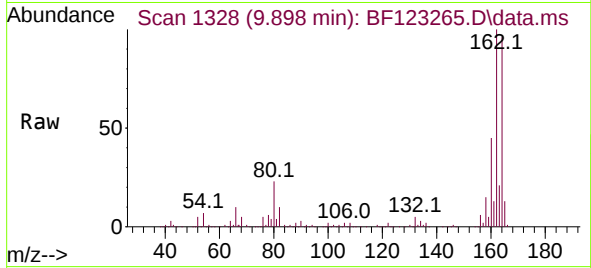




#57
2,4-Dinitrotoluene
Concen: 5.65 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123265.D
Acq: 22 Feb 2021 18:43

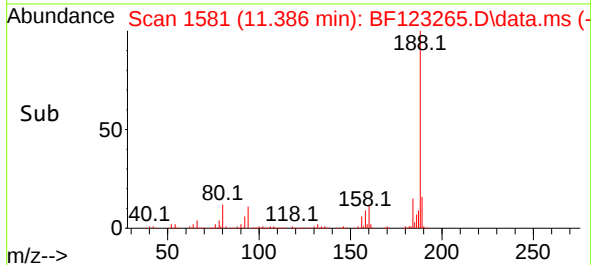
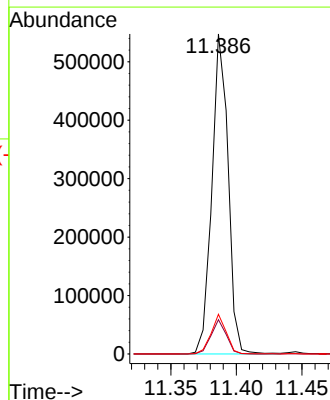
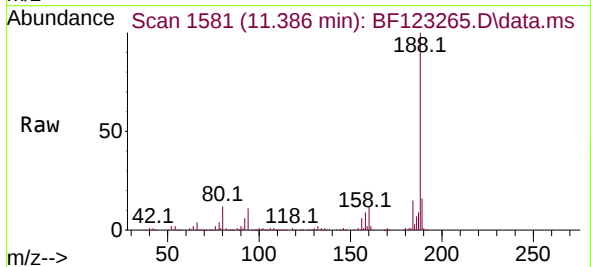
Instrument :
BNA_F
ClientSampled :
TP-6

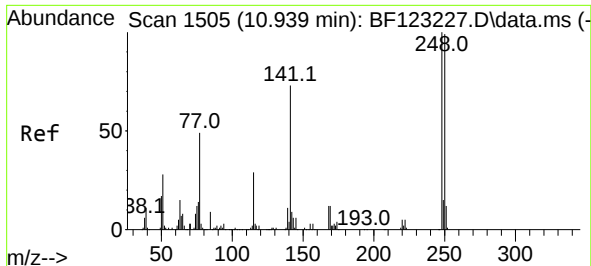
Tgt Ion:165 Resp: 39213
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123265.D
Acq: 22 Feb 2021 18:43

Tgt Ion:188 Resp: 471607
Ion Ratio Lower Upper
188 100
94 10.7 7.4 11.2
80 12.4 8.2 12.4#

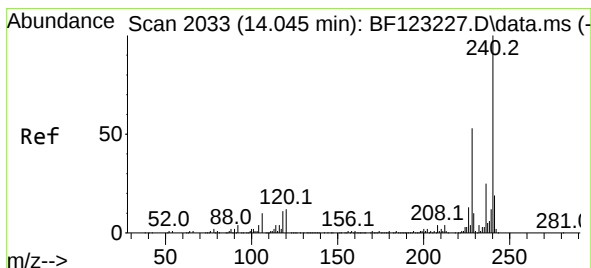
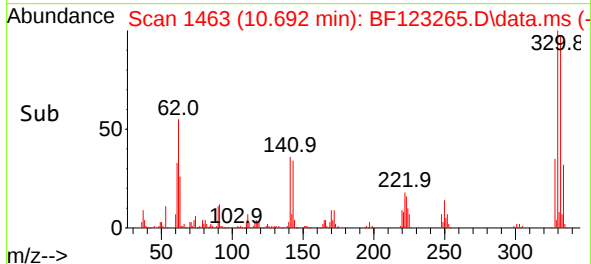
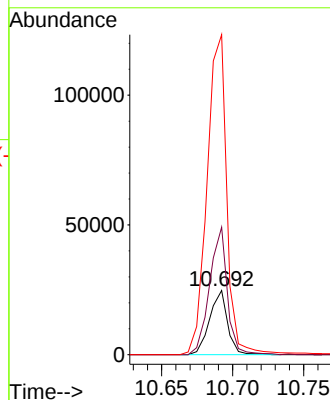
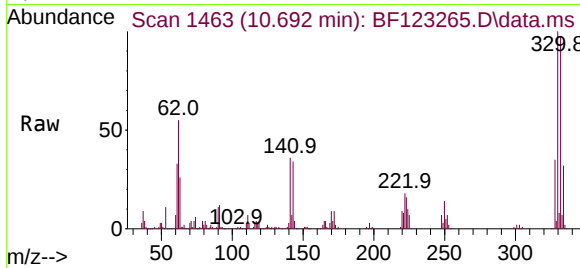




#67
4-Bromophenyl-phenylether
Concen: 4.25 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF123265.D
Acq: 22 Feb 2021 18:43

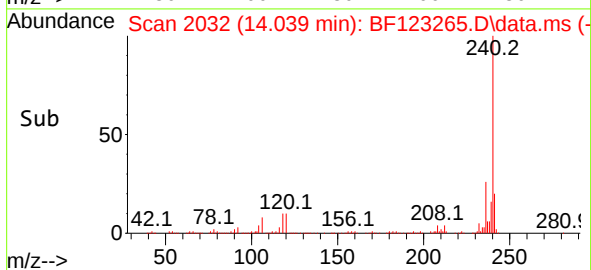
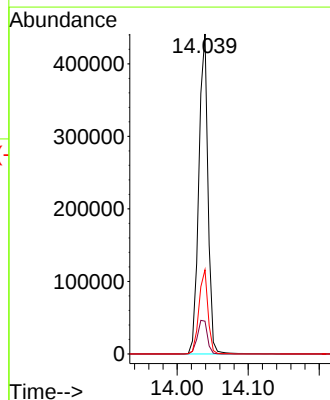
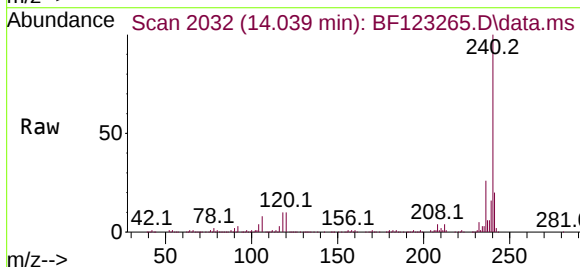
Instrument :
BNA_F
ClientSampled :
TP-6

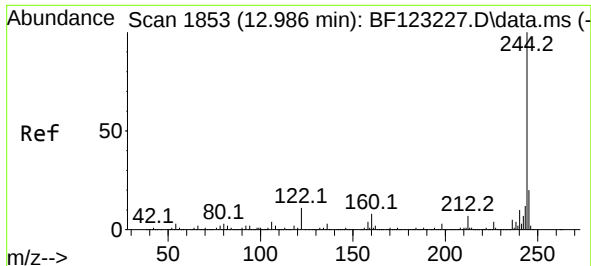
Tgt Ion:248 Resp: 21870
Ion Ratio Lower Upper
248 100
250 198.8 76.8 115.2#
141 499.1 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123265.D
Acq: 22 Feb 2021 18:43

Tgt Ion:240 Resp: 396964
Ion Ratio Lower Upper
240 100
120 10.3 8.6 12.8
236 26.3 20.3 30.5

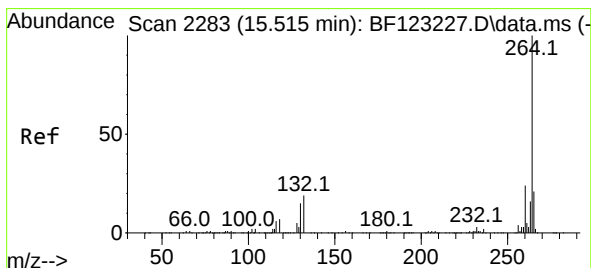
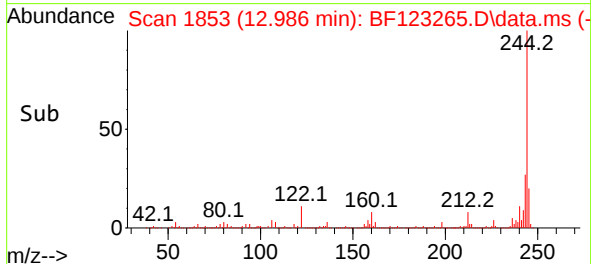
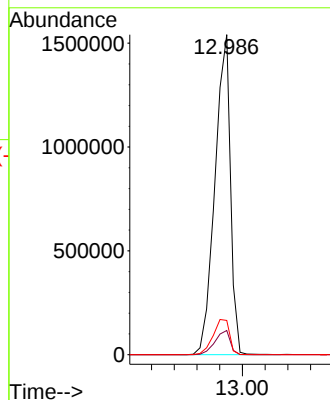
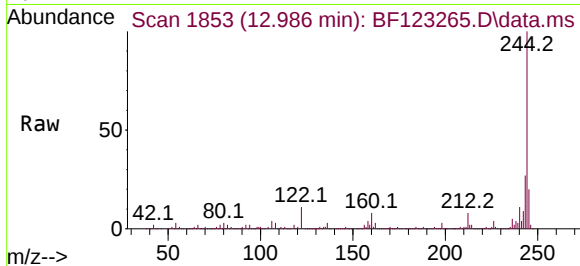




#79
 Terphenyl-d14
 Concen: 70.68 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: BF123265.D
 Acq: 22 Feb 2021 18:43

Instrument :
 BNA_F
 ClientSampled :
 TP-6

Tgt Ion:244 Resp: 1459157
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 10.7 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: BF123265.D
 Acq: 22 Feb 2021 18:43

Tgt Ion:264 Resp: 365927
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 28.0
 265 21.8 17.0 25.6

