

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022321\
 Data File : BF123284.D
 Acq On : 23 Feb 2021 16:57
 Operator : JU/CG
 Sample : M1452-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Feb 23 23:53:04 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)

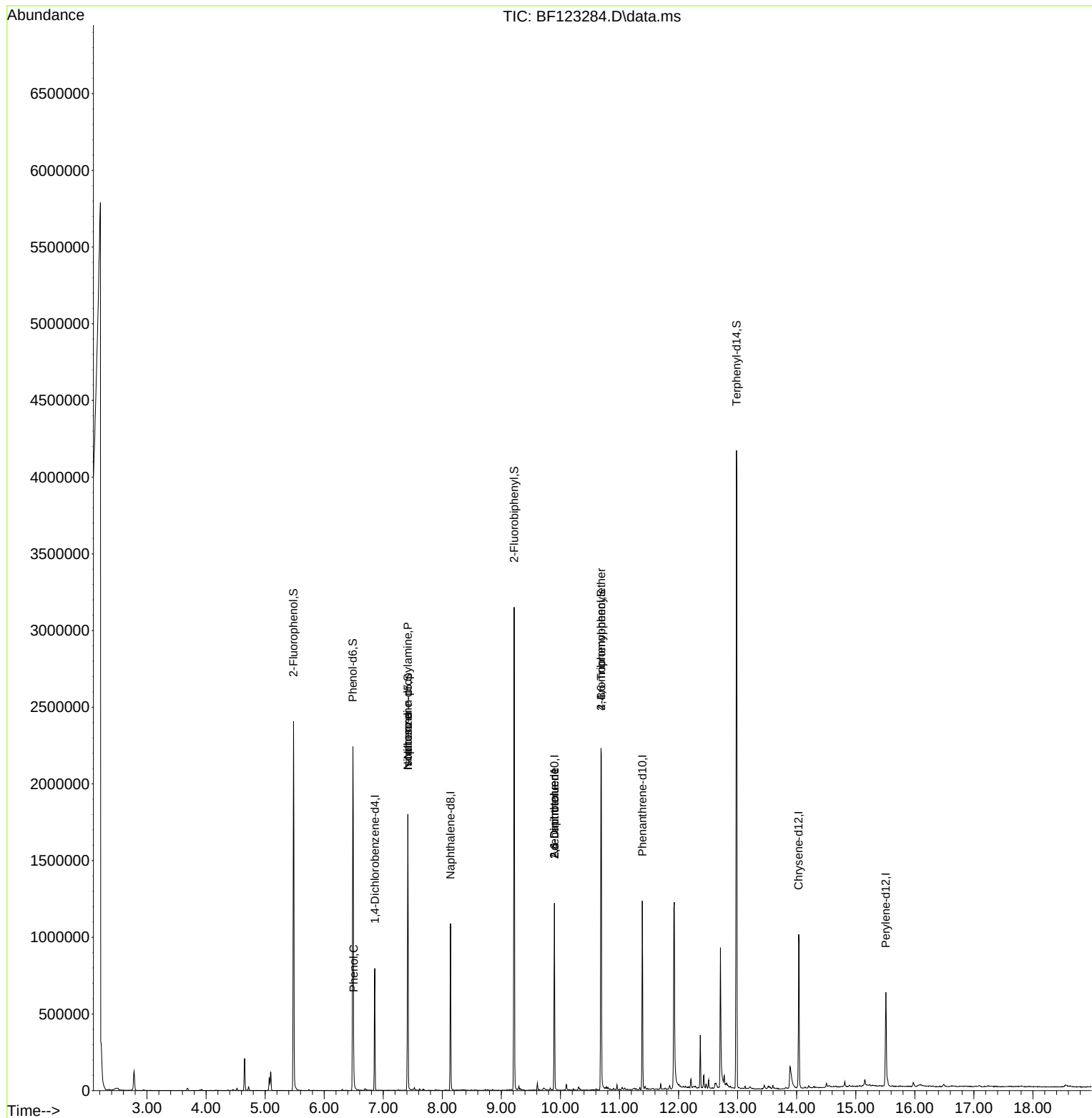
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	100229	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	414063	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	211384	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	400875	20.00	ng	0.00
76) Chrysene-d12	14.033	240	334570	20.00	ng	-0.01
86) Perylene-d12	15.510	264	265865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	605065	86.89	ng	0.00
7) Phenol-d6	6.487	99	755667	79.88	ng	0.00
23) Nitrobenzene-d5	7.416	82	536748	59.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	256575	119.20	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	862939	58.64	ng	0.00
79) Terphenyl-d14	12.980	244	1345997	77.36	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	1446	Below Cal	#	1
10) Phenol	6.498	94	25399	2.46	ng	89
19) n-Nitroso-di-n-propyla...	7.416	70	74004	13.15	ng	# 81
25) Isophorone	7.416	82	533191	31.52	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	27122	7.44	ng	# 32
57) 2,4-Dinitrotoluene	9.898	165	27122	5.54	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	18780	4.30	ng	# 1

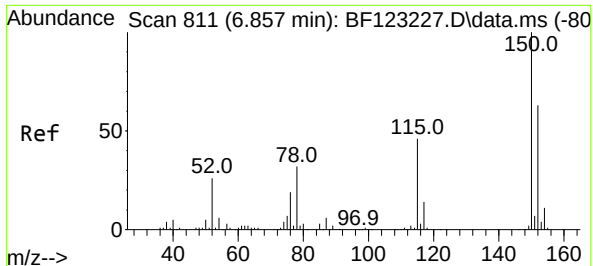
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

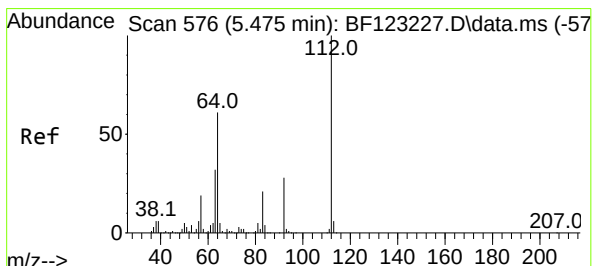
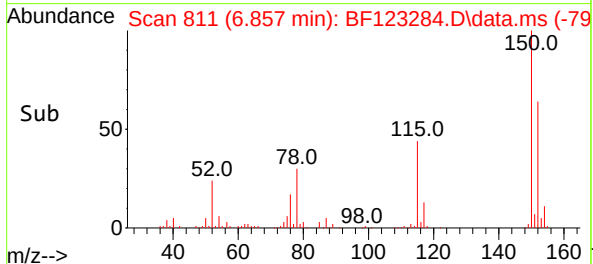
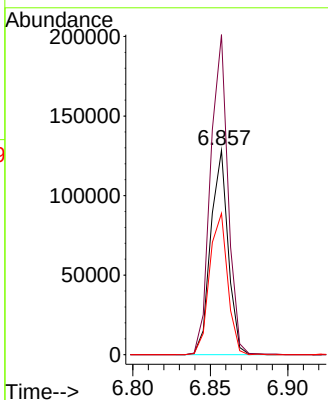
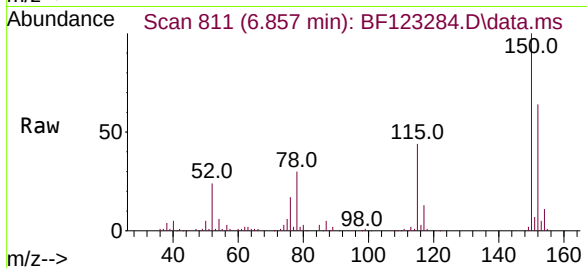




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

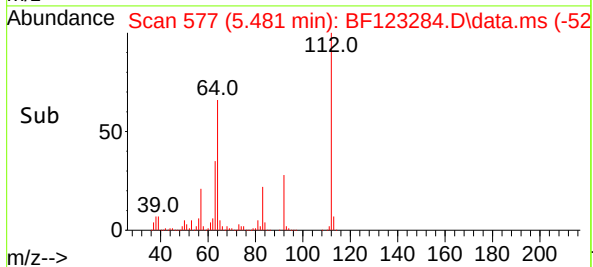
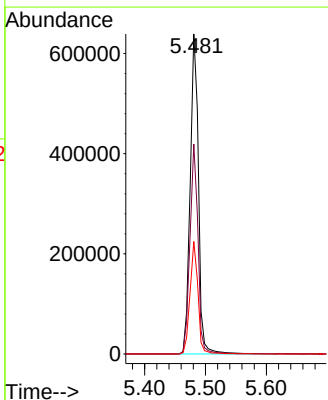
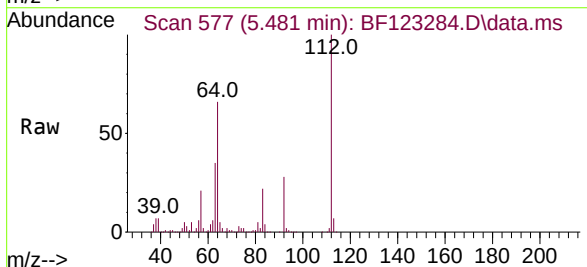
Instrument :
BNA_F
ClientSampled :
TP-1

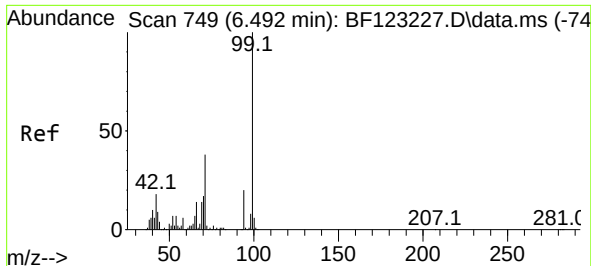
Tgt Ion:152 Resp: 100229
Ion Ratio Lower Upper
152 100
150 156.6 125.8 188.6
115 69.1 49.3 73.9



#5
2-Fluorophenol
Concen: 86.89 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

Tgt Ion:112 Resp: 605065
Ion Ratio Lower Upper
112 100
64 65.6 46.9 70.3
63 35.1 24.5 36.7

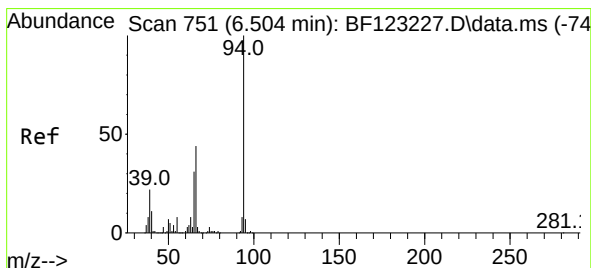
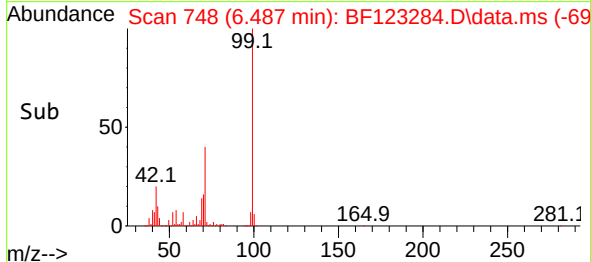
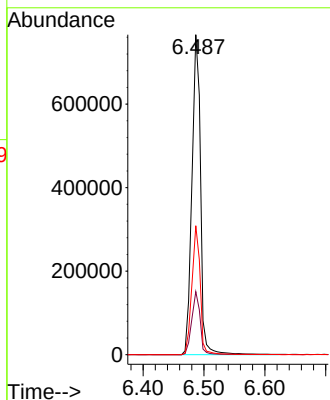
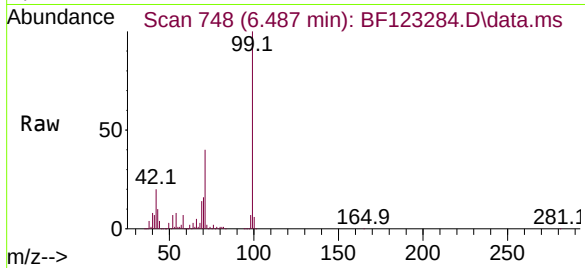




#7
Phenol-d6
Concen: 79.88 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

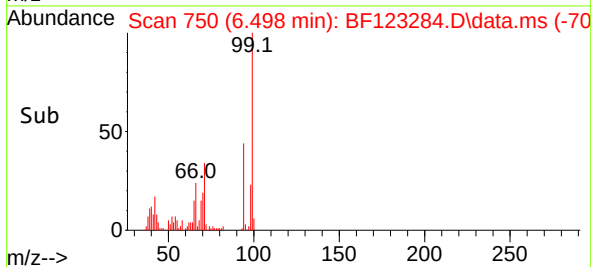
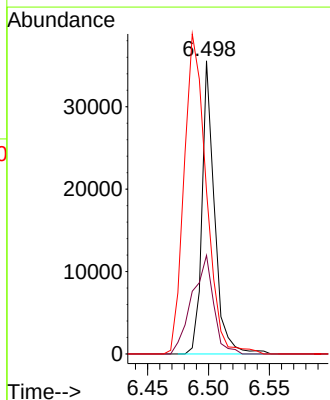
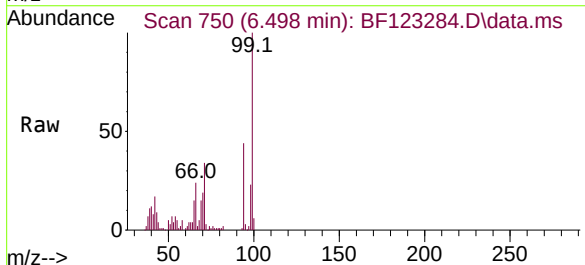
Instrument :
BNA_F
ClientSampleId :
TP-1

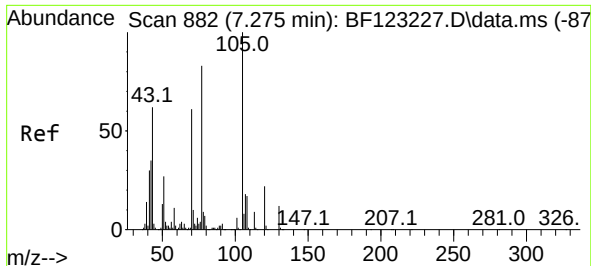
Tgt Ion: 99 Resp: 755667
Ion Ratio Lower Upper
99 100
42 19.7 13.8 20.6
71 40.3 26.9 40.3



#10
Phenol
Concen: 2.46 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

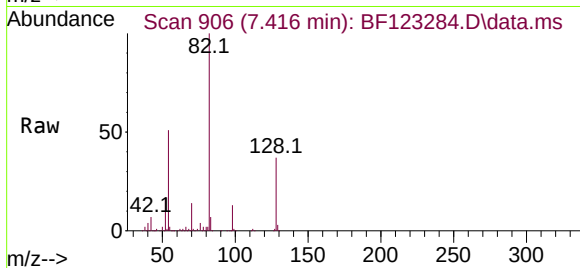
Tgt Ion: 94 Resp: 25399
Ion Ratio Lower Upper
94 100
65 33.6 11.2 51.2
66 55.6 25.8 65.8



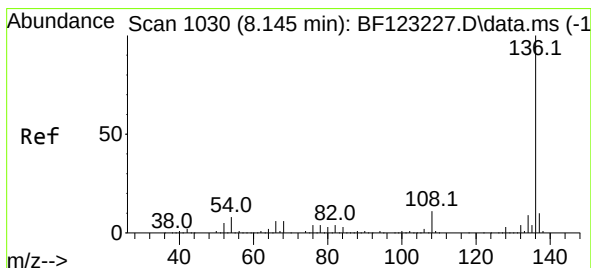
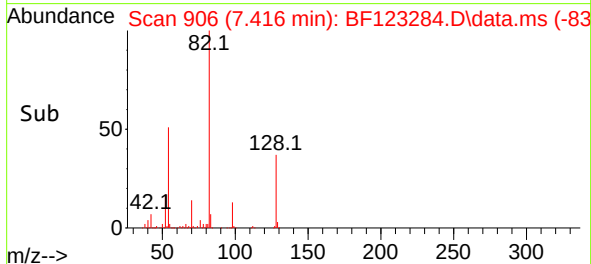
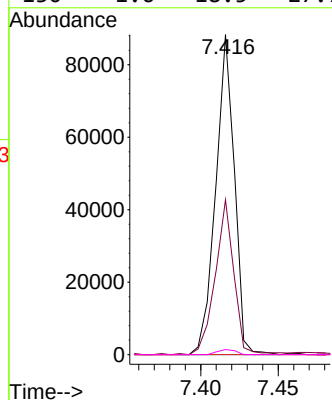


#19
n-Nitroso-di-n-propylamine
Concen: 13.15 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

Instrument :
BNA_F
ClientSampled :
TP-1

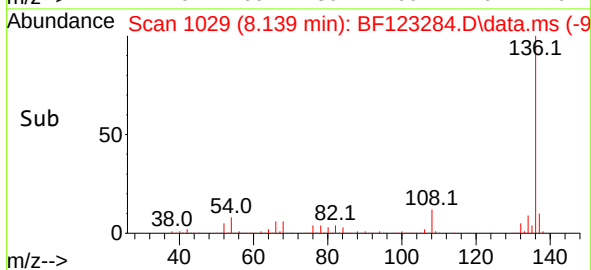
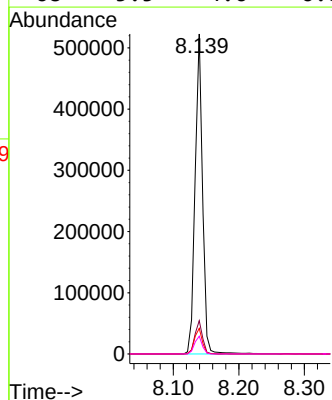
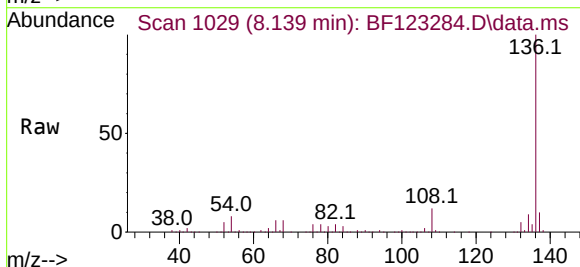


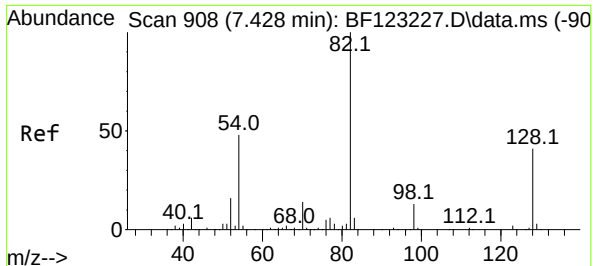
Tgt Ion:	70	Resp:	74004
Ion	Ratio	Lower	Upper
70	100		
42	48.4	43.0	64.4
101	0.0	7.9	11.9#
130	1.6	18.5	27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

Tgt Ion:	136	Resp:	414063
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	8.0	5.5	8.3
68	5.5	4.6	6.8





#23

Nitrobenzene-d5

Concen: 59.34 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF123284.D

Acq: 23 Feb 2021 16:57

Tgt Ion: 82 Resp: 536748

Ion Ratio Lower Upper

82 100

128 37.3 37.0 55.4

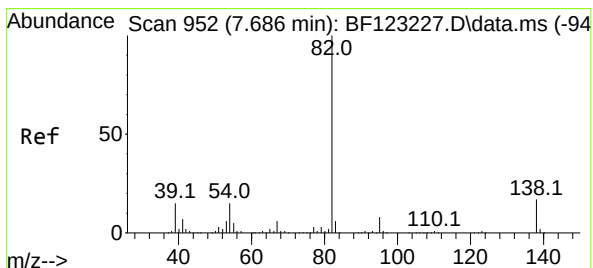
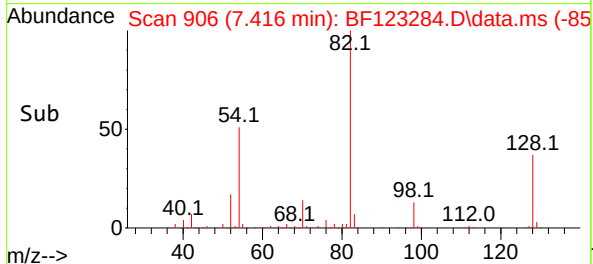
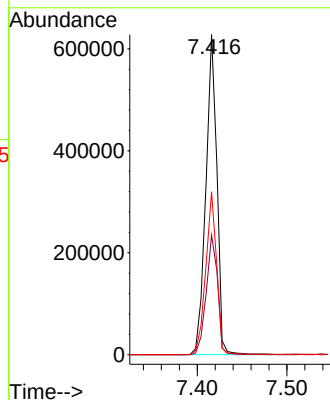
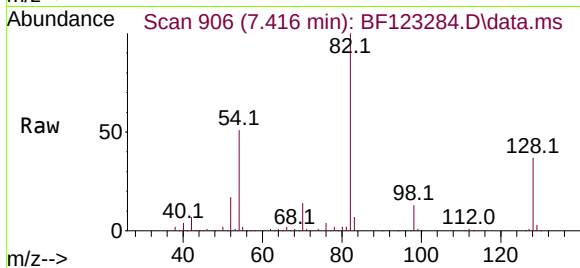
54 50.9 38.4 57.6

Instrument :

BNA_F

ClientSampleId :

TP-1



#25

Isophorone

Concen: 31.52 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.270 min

Lab File: BF123284.D

Acq: 23 Feb 2021 16:57

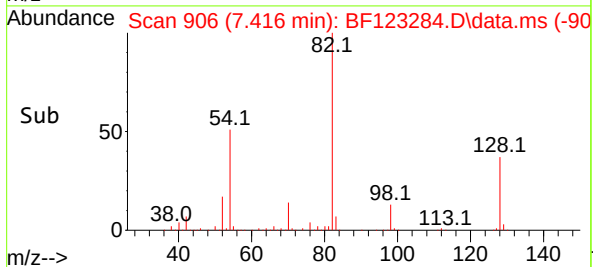
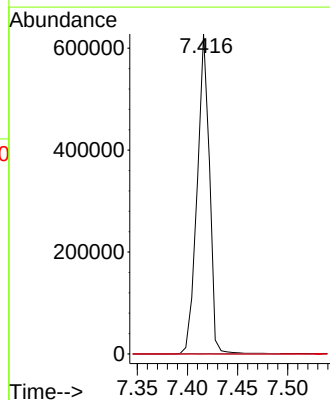
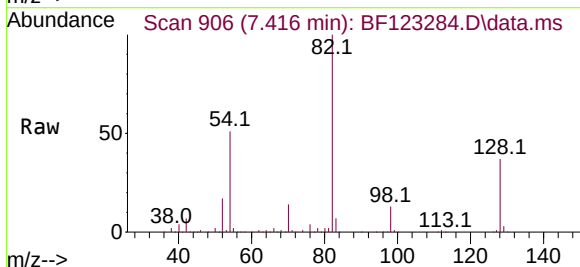
Tgt Ion: 82 Resp: 533191

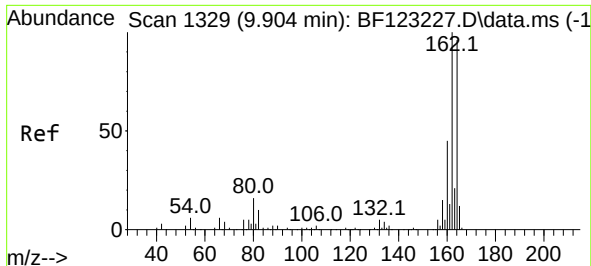
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#

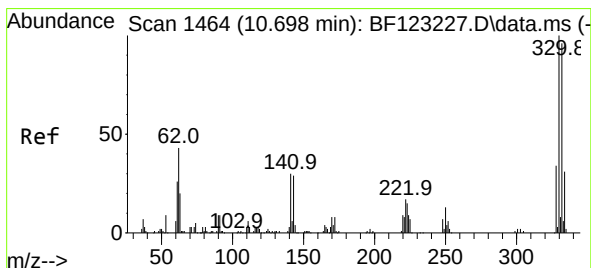
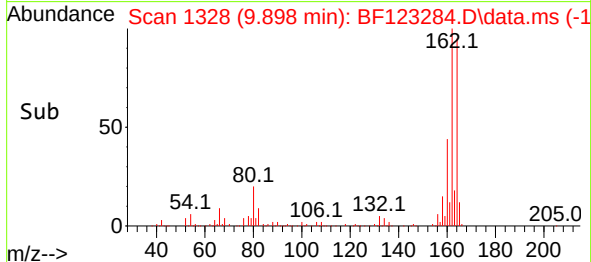
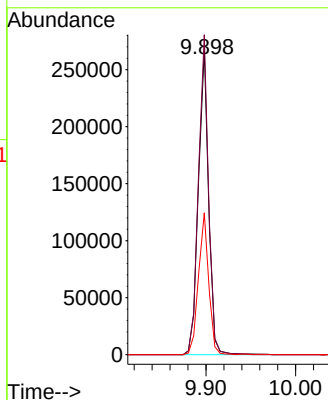
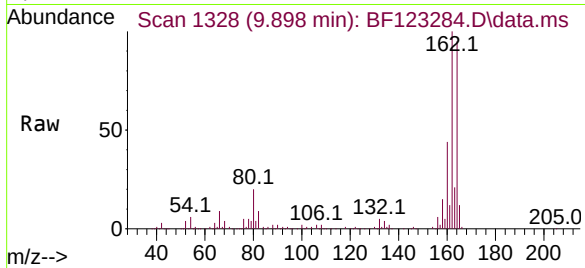




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

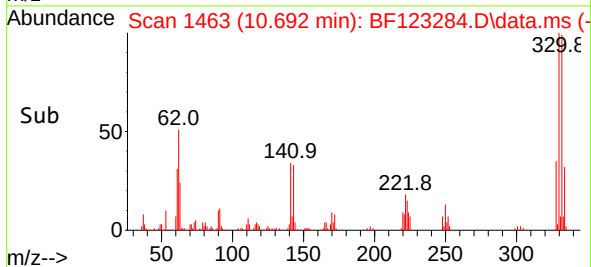
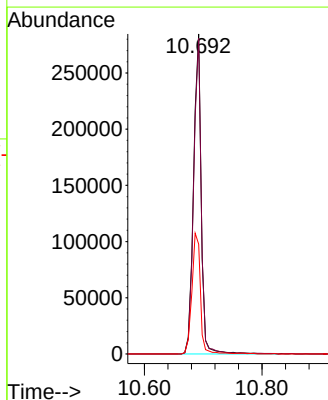
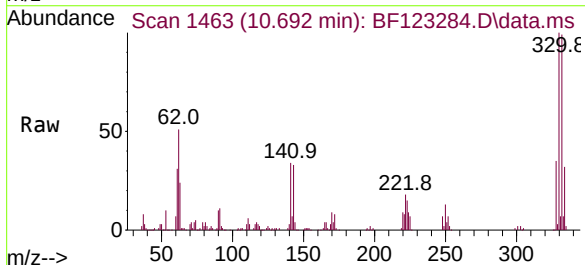
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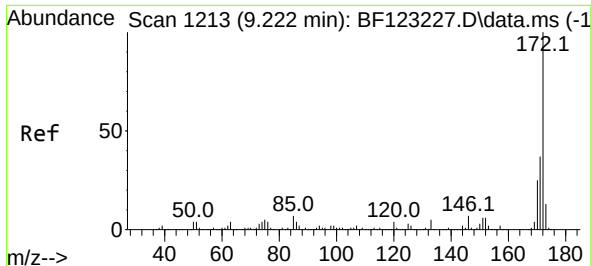
Tgt Ion:164 Resp: 211384
Ion Ratio Lower Upper
164 100
162 105.0 80.8 121.2
160 46.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 119.20 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

Tgt Ion:330 Resp: 256575
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 41.7 23.8 35.8#

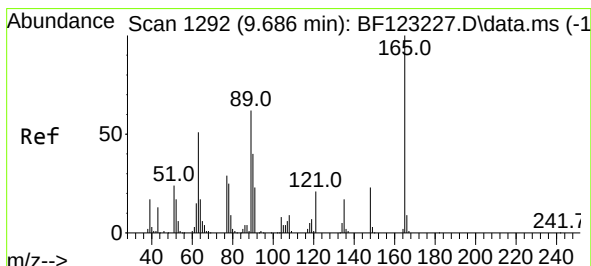
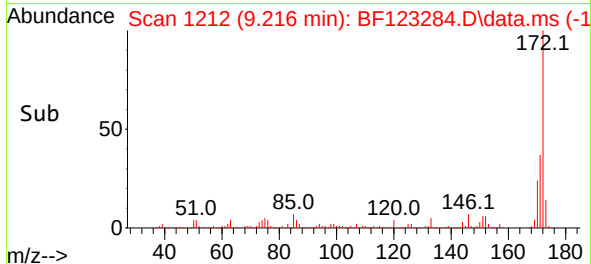
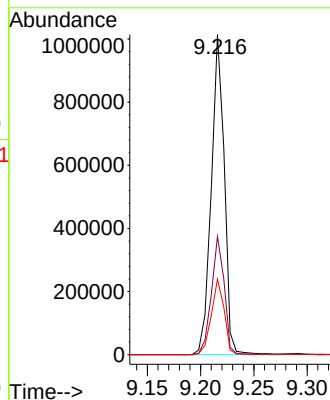
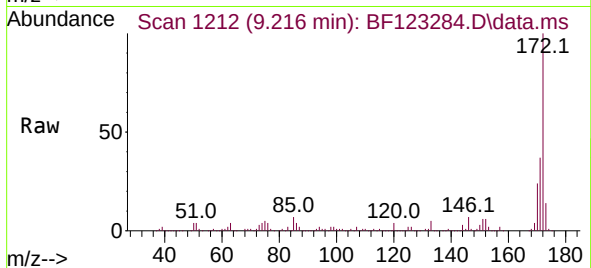




#45
2-Fluorobiphenyl
Concen: 58.64 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

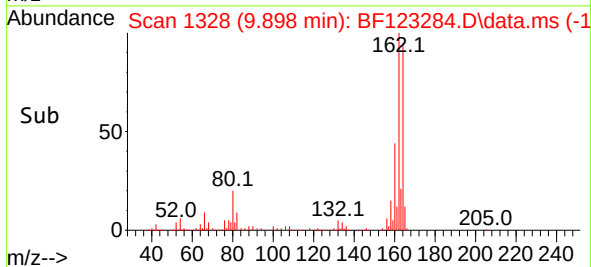
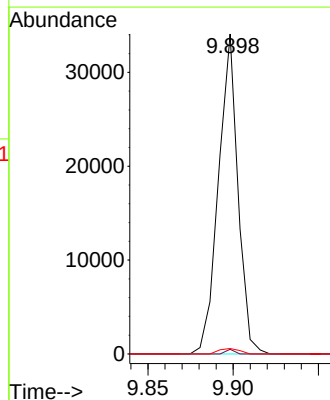
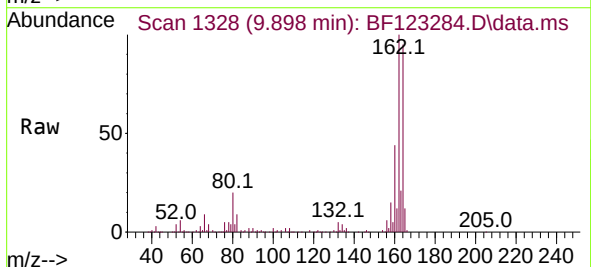
Instrument :
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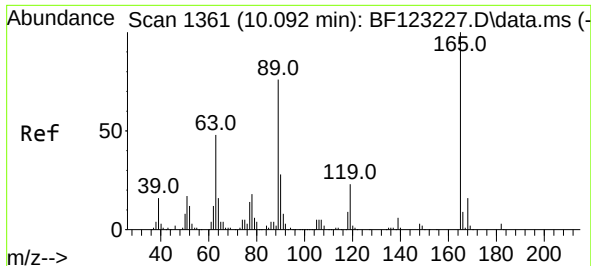
Tgt Ion:172 Resp: 862939
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 23.6 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.44 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

Tgt Ion:165 Resp: 27122
Ion Ratio Lower Upper
165 100
63 1.5 36.6 55.0#
89 1.7 39.4 59.0#

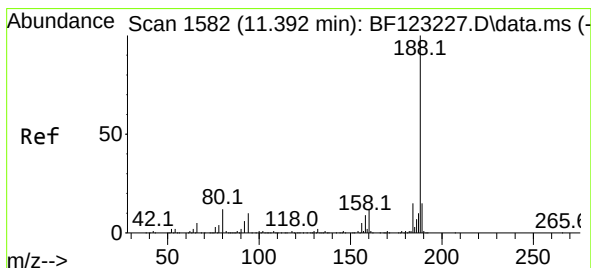
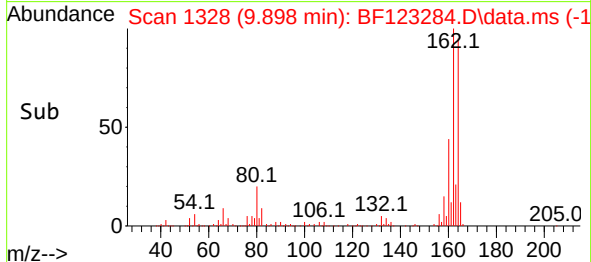
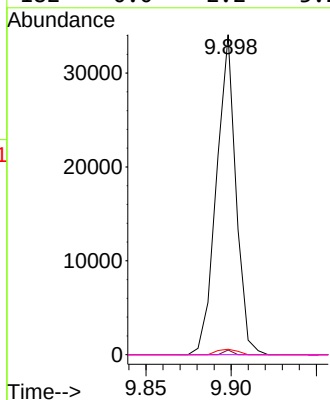
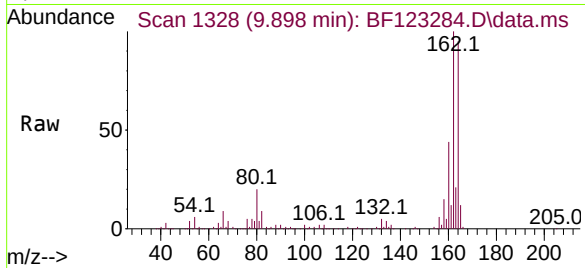




#57
2,4-Dinitrotoluene
Concen: 5.54 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

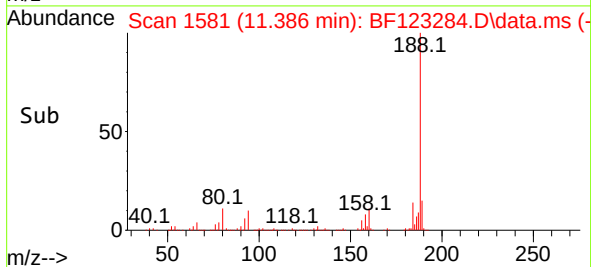
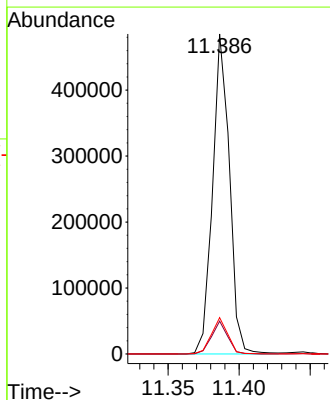
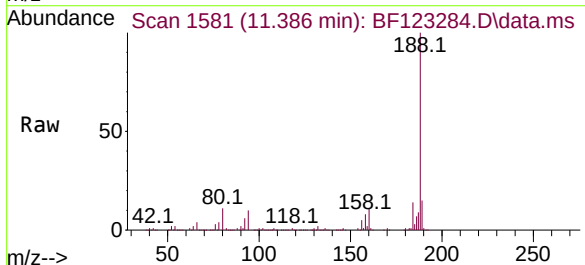
Instrument :
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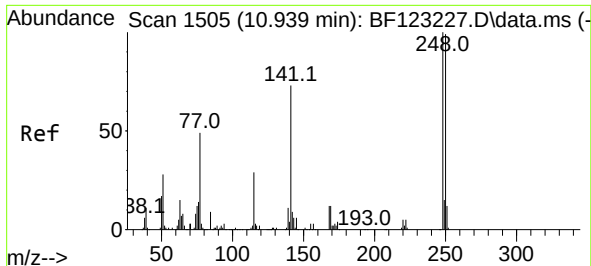
Tgt Ion:	165	Resp:	27122
Ion Ratio	Lower	Upper	
165	100		
63	1.5	34.3	51.5#
89	1.7	55.2	82.8#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

Tgt Ion:	188	Resp:	400875
Ion Ratio	Lower	Upper	
188	100		
94	10.2	7.4	11.2
80	11.3	8.2	12.4

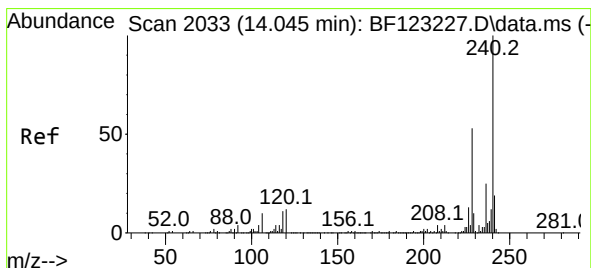
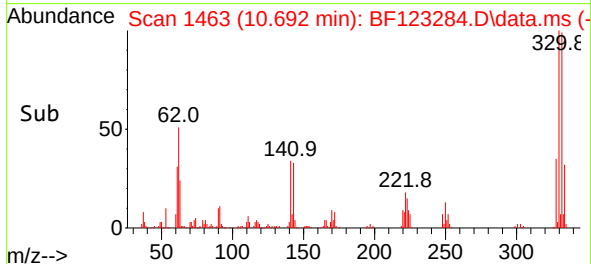
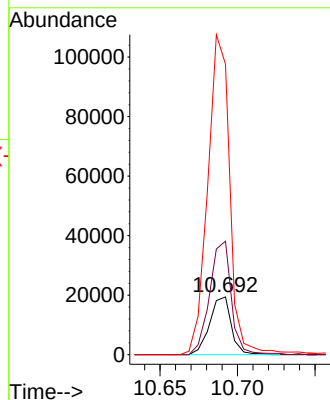
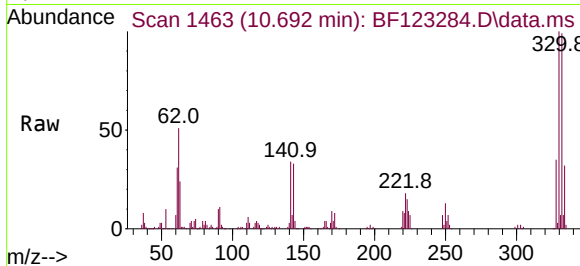




#67
4-Bromophenyl-phenylether
Concen: 4.30 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

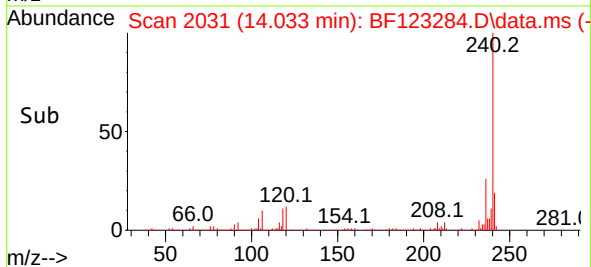
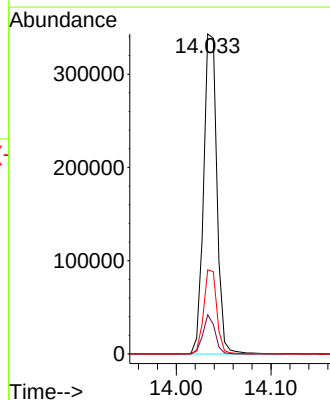
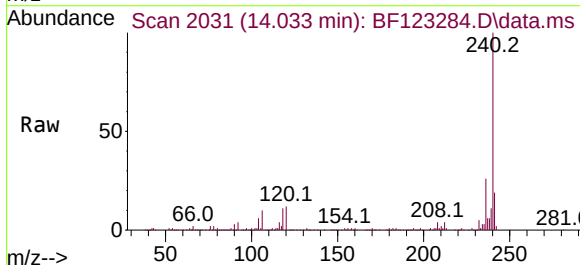
Instrument :
BNA_F
ClientSampled :
TP-1

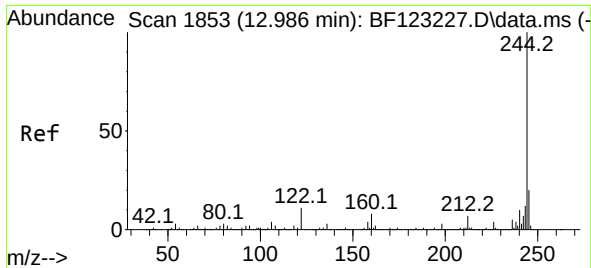
Tgt Ion:248 Resp: 18780
Ion Ratio Lower Upper
248 100
250 196.5 76.8 115.2#
141 503.1 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

Tgt Ion:240 Resp: 334570
Ion Ratio Lower Upper
240 100
120 12.2 8.6 12.8
236 26.3 20.3 30.5

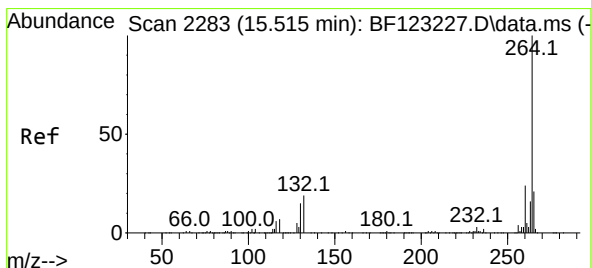
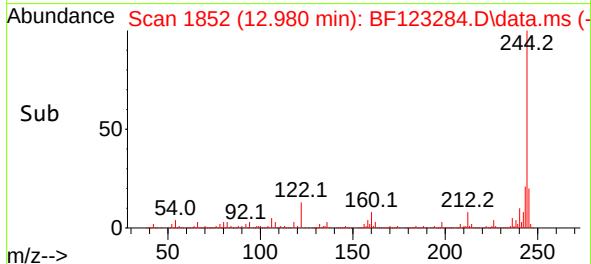
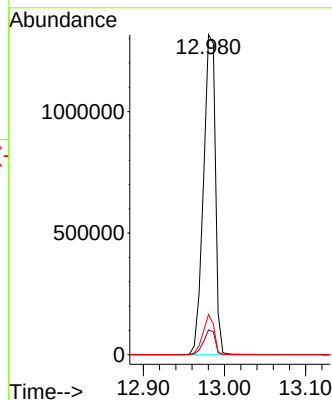
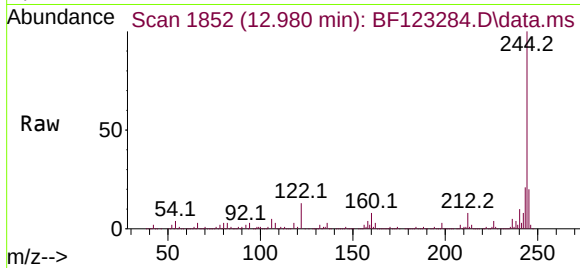




#79
Terphenyl-d14
Concen: 77.36 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF123284.D
Acq: 23 Feb 2021 16:57

Instrument :
BNA_F
ClientSampled :
TP-1

Tgt Ion:244 Resp: 1345997
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 12.6 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: BF123284.D
Acq: 23 Feb 2021 16:57

Tgt Ion:264 Resp: 265865
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 21.9 17.0 25.6

