

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
 Data File : BF123248.D
 Acq On : 20 Feb 2021 16:43
 Operator : JU/CG
 Sample : M1431-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-BR2-AQ-BR-021621

Quant Time: Feb 22 03:16:48 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)

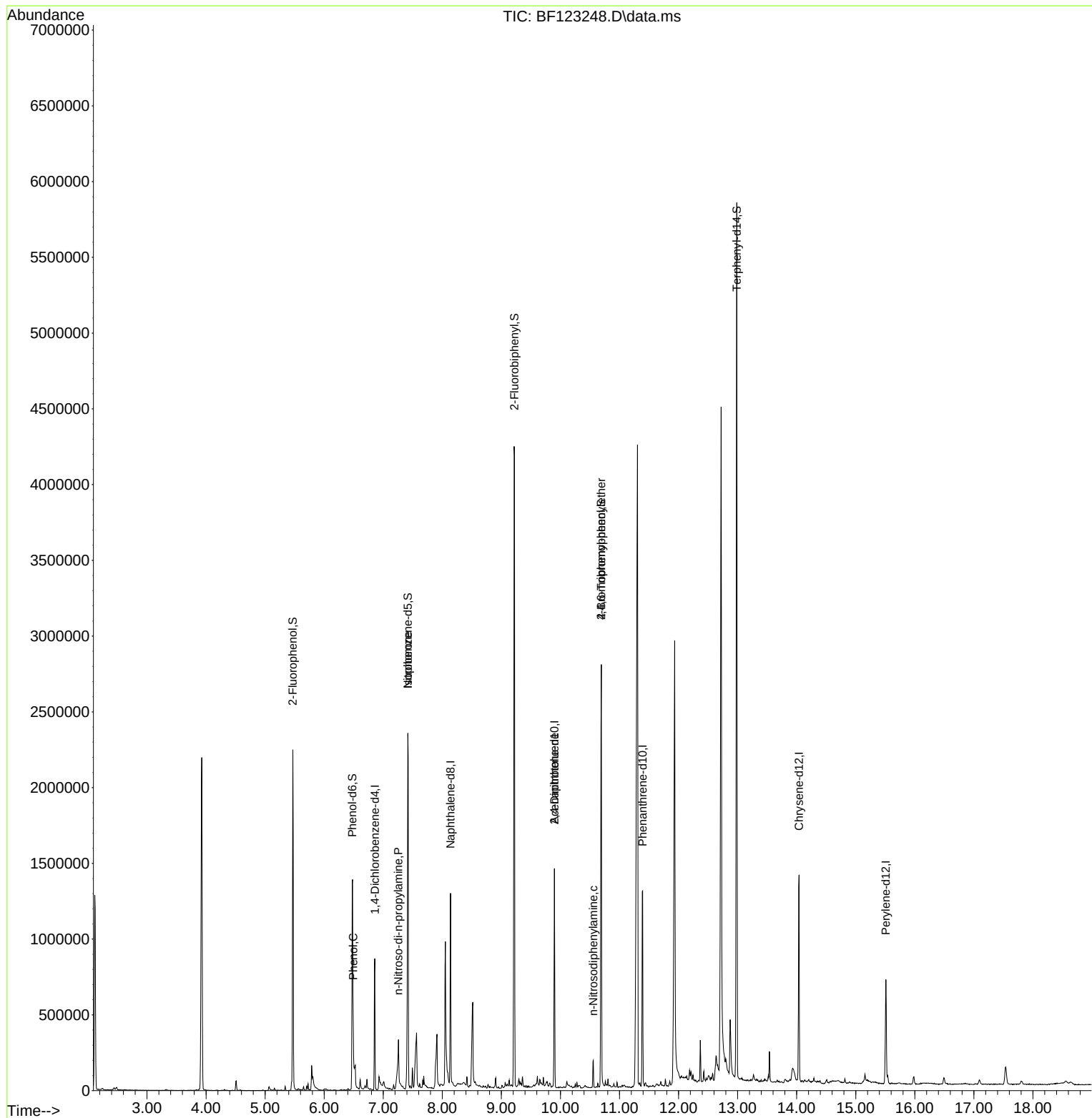
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	116832	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	479045	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	248825	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	475699	20.00	ng	0.00
76) Chrysene-d12	14.039	240	443957	20.00	ng	0.00
86) Perylene-d12	15.510	264	293425	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	564659	69.57	ng	0.00
7) Phenol-d6	6.475	99	456581	41.41	ng	-0.02
23) Nitrobenzene-d5	7.416	82	852051	81.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	302816	119.52	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1376405	79.46	ng	0.00
79) Terphenyl-d14	12.986	244	1751666	75.87	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.404	77	2511	Below Cal		94
10) Phenol	6.492	94	91020	7.57	ng	92
19) n-Nitroso-di-n-propyla...	7.257	70	15828	2.41	ng	# 28
25) Isophorone	7.416	82	846878	43.28	ng	# 65
57) 2,4-Dinitrotoluene	9.898	165	32421	5.62	ng	# 26
66) n-Nitrosodiphenylamine	10.557	169	42594	2.59	ng	97
67) 4-Bromophenyl-phenylether	10.692	248	21857	4.21	ng	# 1

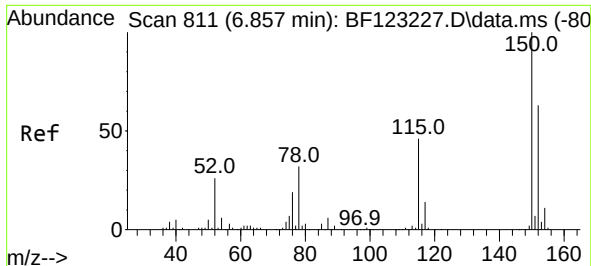
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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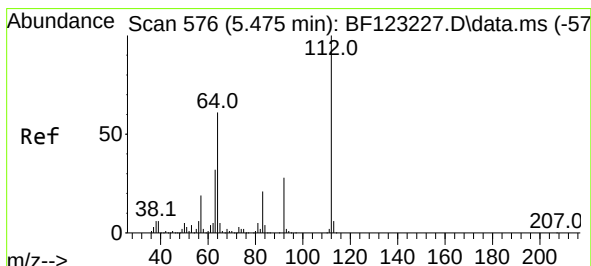
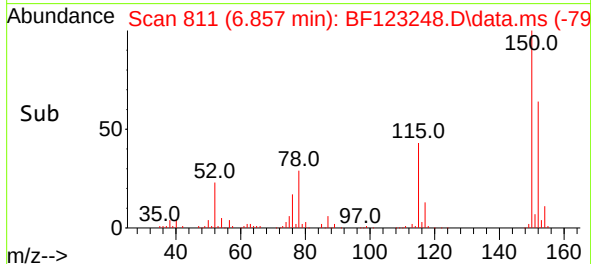
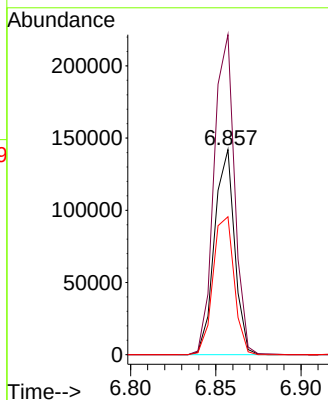
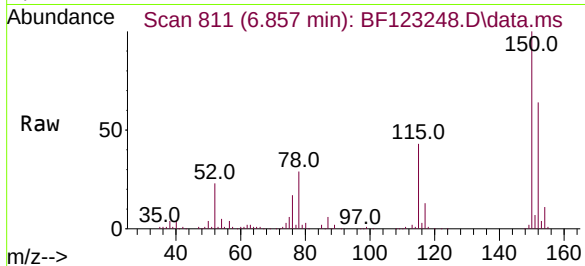




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123248.D
Acq: 20 Feb 2021 16:43

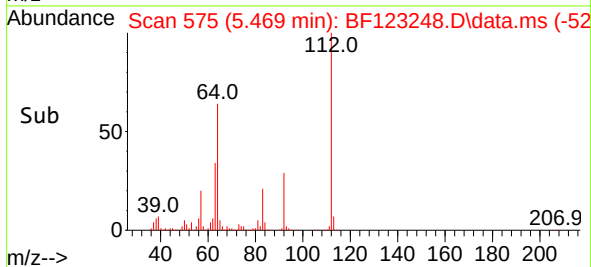
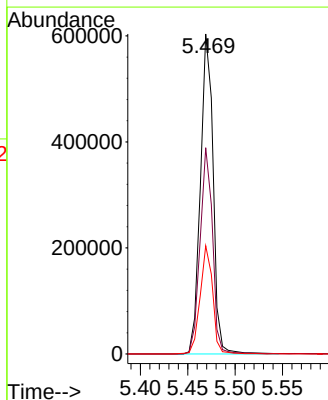
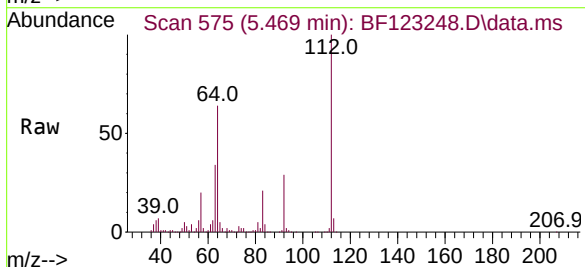
Instrument :
BNA_F
ClientSampleId :
IDW-BR2-AQ-BR-021621

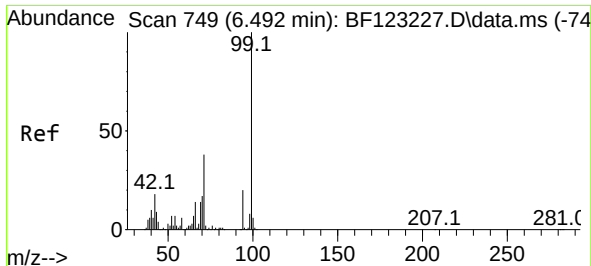
Tgt Ion:152 Resp: 116832
Ion Ratio Lower Upper
152 100
150 156.0 125.8 188.6
115 67.3 49.3 73.9



#5
2-Fluorophenol
Concen: 69.57 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF123248.D
Acq: 20 Feb 2021 16:43

Tgt Ion:112 Resp: 564659
Ion Ratio Lower Upper
112 100
64 64.5 46.9 70.3
63 33.8 24.5 36.7

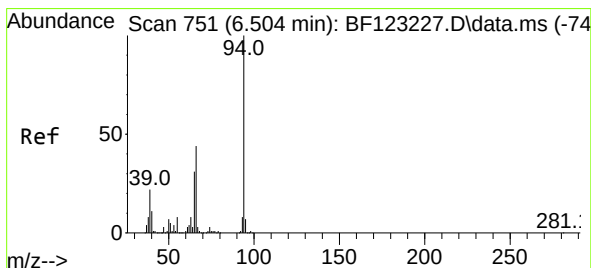
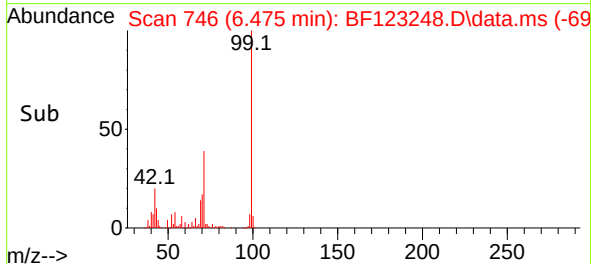
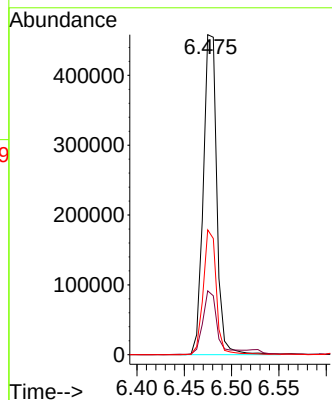
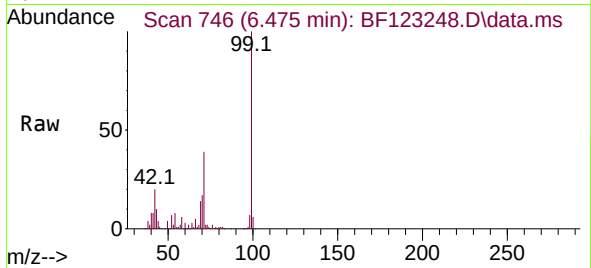




#7
Phenol-d6
Concen: 41.41 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF123248.D
Acq: 20 Feb 2021 16:43

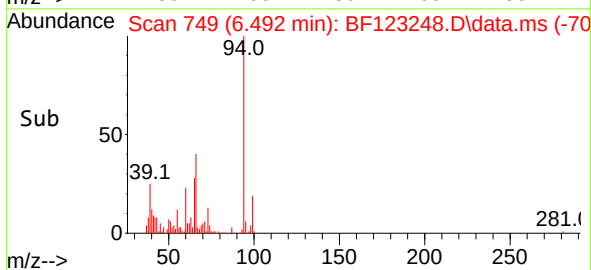
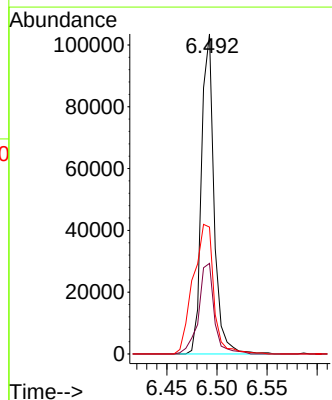
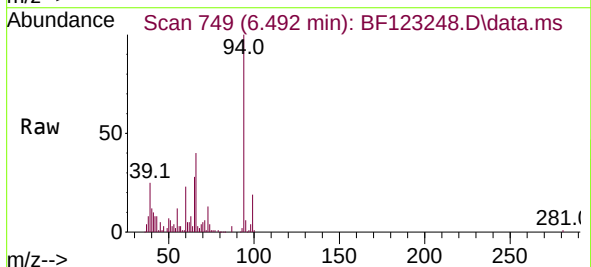
Instrument :
BNA_F
ClientSampleId :
IDW-BR2-AQ-BR-021621

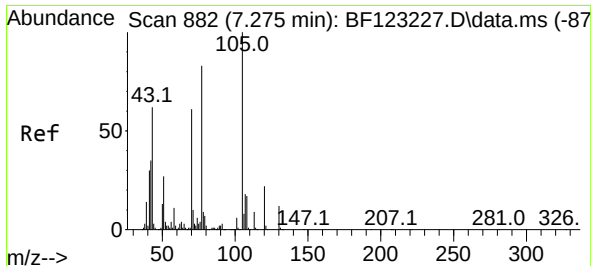
Tgt Ion: 99 Resp: 456581
Ion Ratio Lower Upper
99 100
42 19.9 13.8 20.6
71 39.0 26.9 40.3



#10
Phenol
Concen: 7.57 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF123248.D
Acq: 20 Feb 2021 16:43

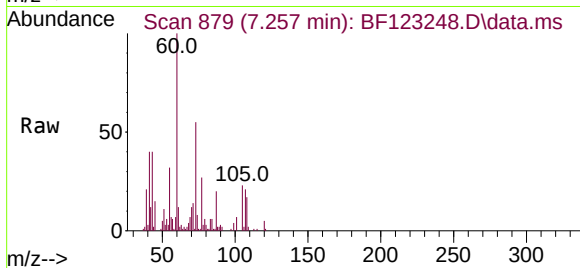
Tgt Ion: 94 Resp: 91020
Ion Ratio Lower Upper
94 100
65 28.3 11.2 51.2
66 39.6 25.8 65.8





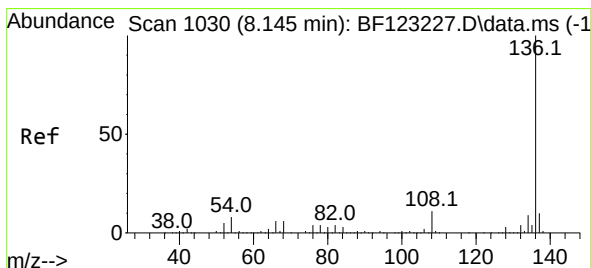
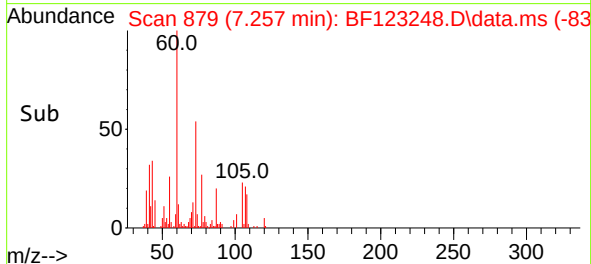
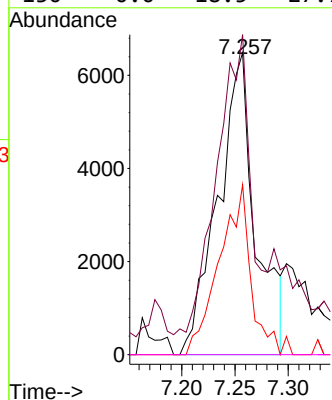
#19
n-Nitroso-di-n-propylamine
Concen: 2.41 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.018 min
Lab File: BF123248.D
Acq: 20 Feb 2021 16:43

Instrument :
BNA_F
ClientSampleId :
IDW-BR2-AQ-BR-021621



Tgt Ion: 70 Resp: 15828

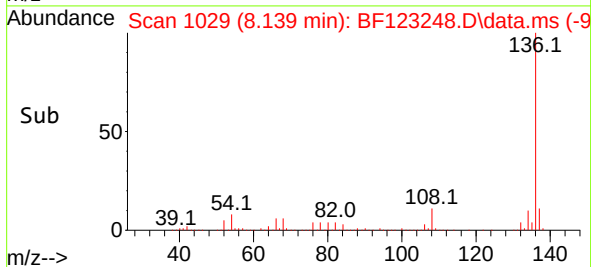
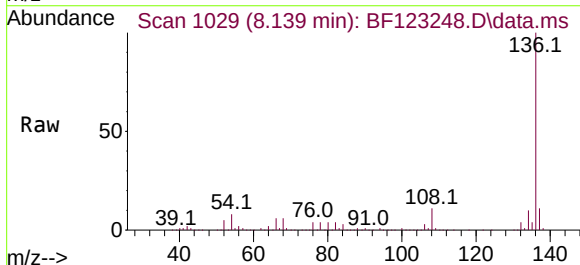
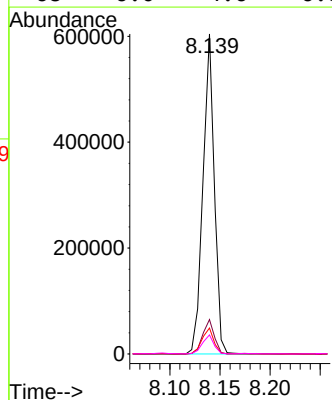
Ion	Ratio	Lower	Upper
70	100		
42	106.0	43.0	64.4#
101	56.3	7.9	11.9#
130	0.0	18.5	27.7#

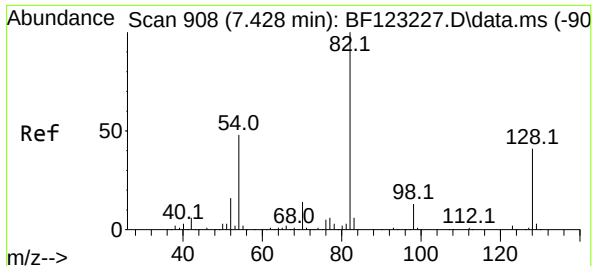


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123248.D
Acq: 20 Feb 2021 16:43

Tgt Ion: 136 Resp: 479045

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.1	5.5	8.3
68	6.0	4.6	6.8





#23

Nitrobenzene-d5

Concen: 81.42 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF123248.D

Acq: 20 Feb 2021 16:43

Tgt Ion: 82 Resp: 852051

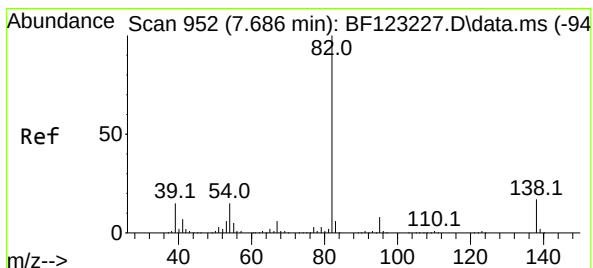
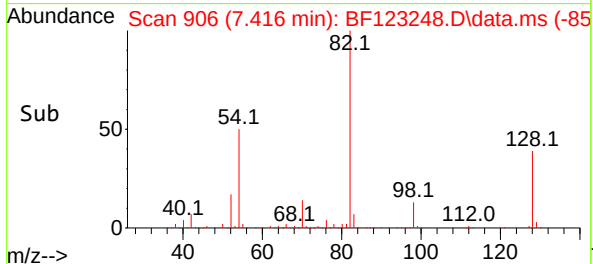
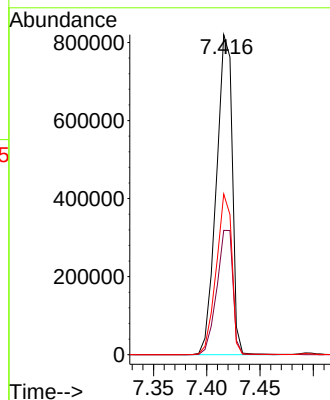
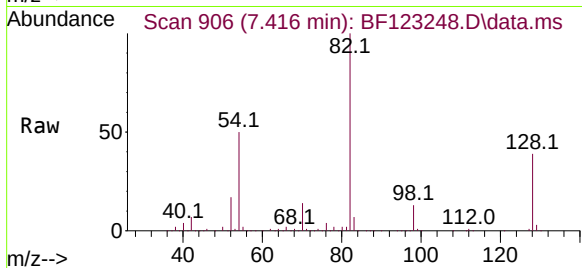
Ion	Ratio	Lower	Upper
82	100		
128	38.8	37.0	55.4
54	50.2	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

IDW-BR2-AQ-BR-021621



#25

Isophorone

Concen: 43.28 ng

RT: 7.416 min Scan# 906

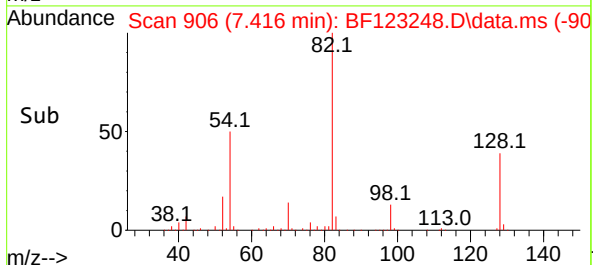
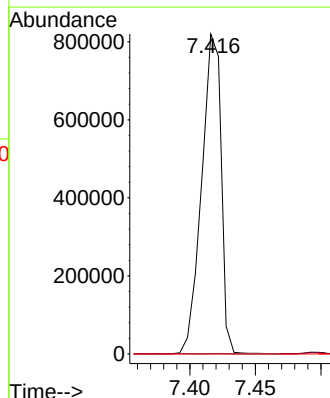
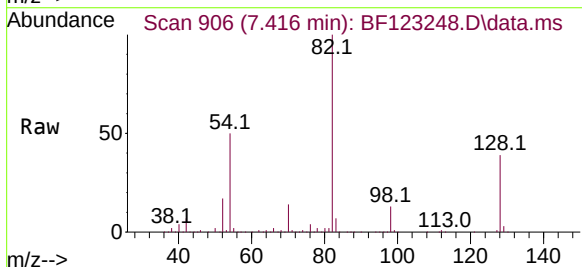
Delta R.T. -0.271 min

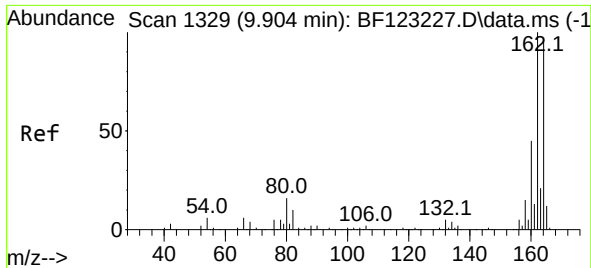
Lab File: BF123248.D

Acq: 20 Feb 2021 16:43

Tgt Ion: 82 Resp: 846878

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	14.6	21.8#

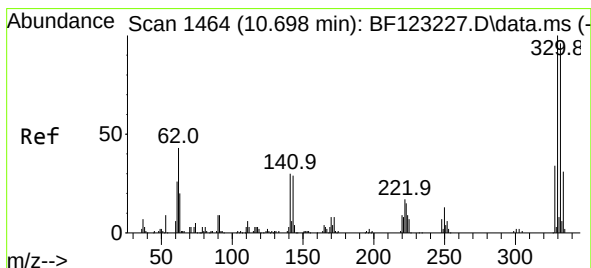
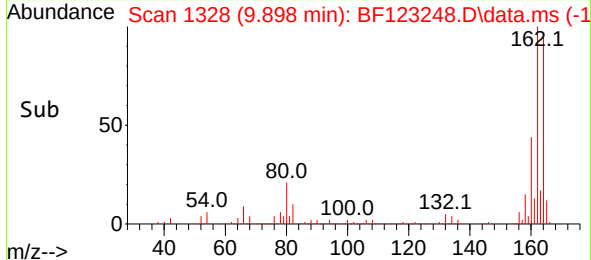
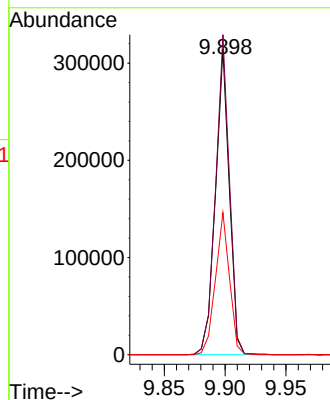
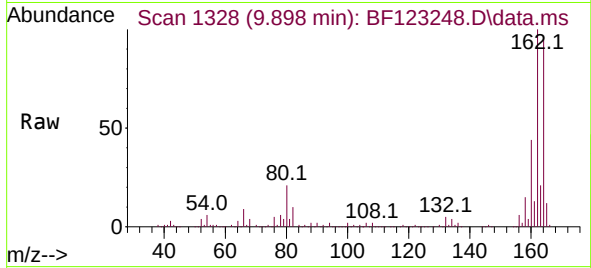




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123248.D
Acq: 20 Feb 2021 16:43

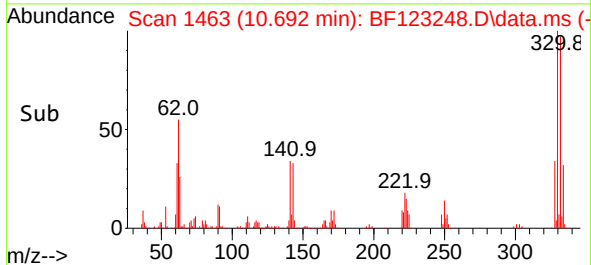
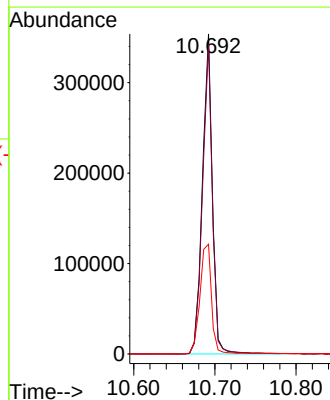
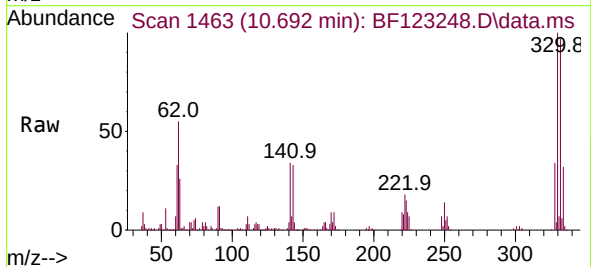
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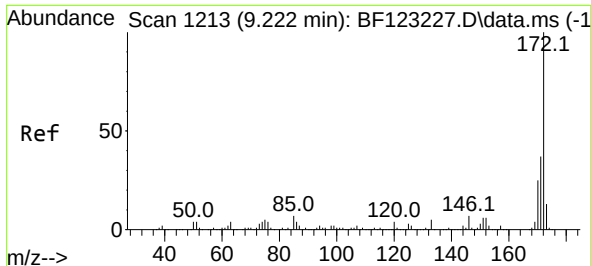
Tgt Ion:164 Resp: 248825
Ion Ratio Lower Upper
164 100
162 104.7 80.8 121.2
160 46.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 119.52 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123248.D
Acq: 20 Feb 2021 16:43

Tgt Ion:330 Resp: 302816
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 39.9 23.8 35.8#

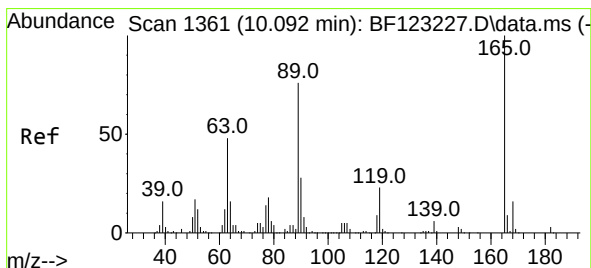
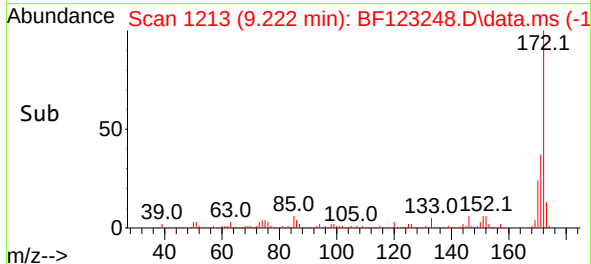
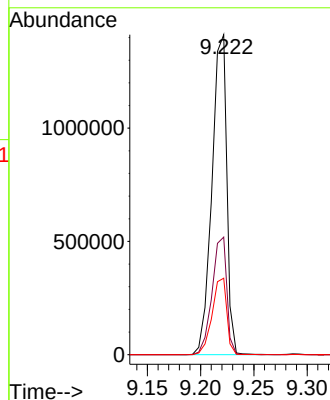
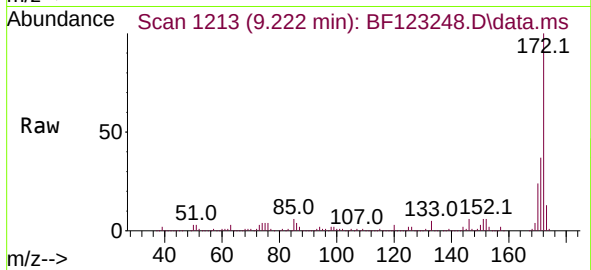




#45
2-Fluorobiphenyl
Concen: 79.46 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF123248.D
Acq: 20 Feb 2021 16:43

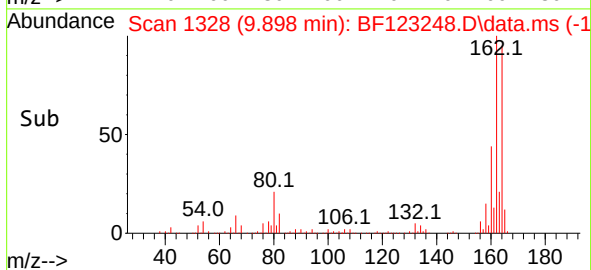
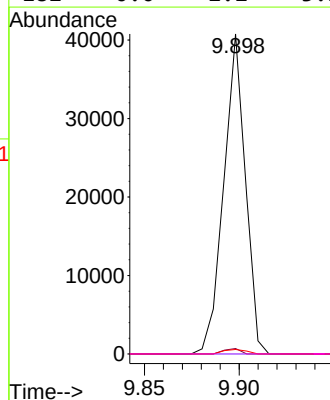
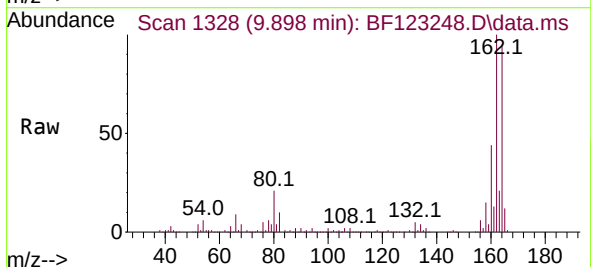
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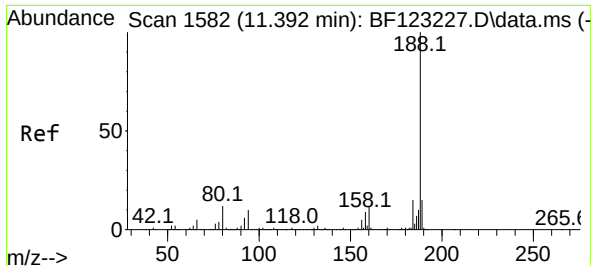
Tgt Ion:172 Resp: 1376405
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 23.9 19.5 29.3



#57
2,4-Dinitrotoluene
Concen: 5.62 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123248.D
Acq: 20 Feb 2021 16:43

Tgt Ion:165 Resp: 32421
Ion Ratio Lower Upper
165 100
63 1.7 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

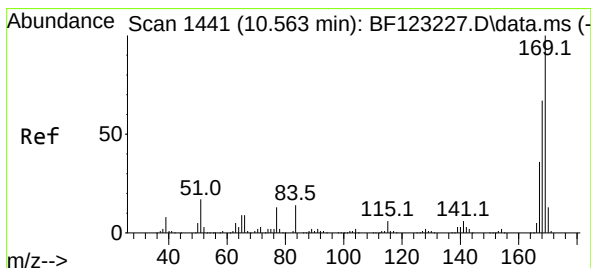
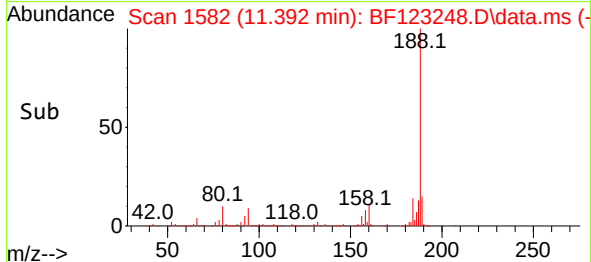
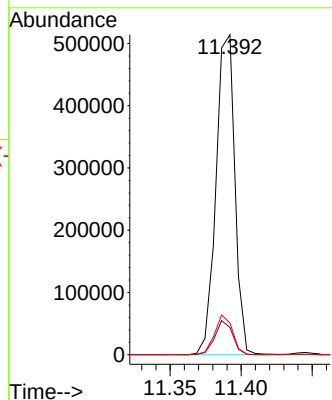
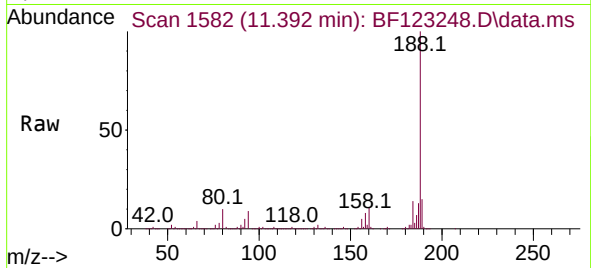




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF123248.D
Acq: 20 Feb 2021 16:43

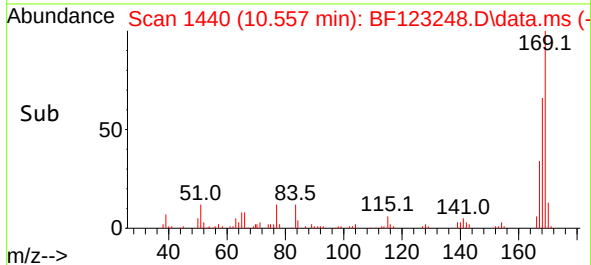
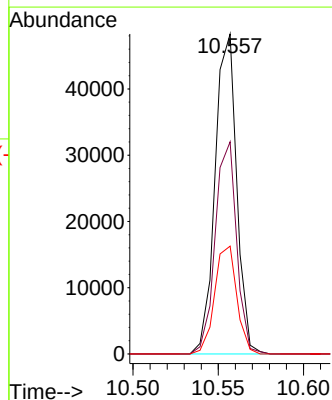
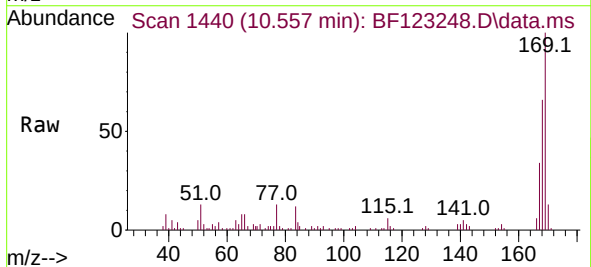
Instrument :
BNA_F
ClientSampleId :
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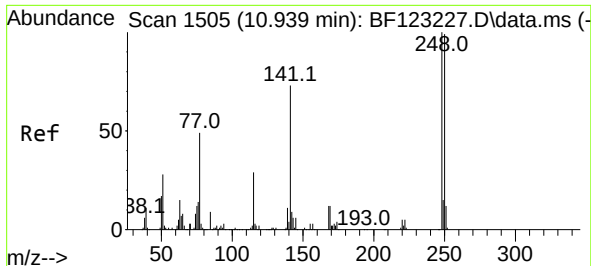
Tgt Ion:188 Resp: 475699
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.9 8.2 12.4



#66
n-Nitrosodiphenylamine
Concen: 2.59 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF123248.D
Acq: 20 Feb 2021 16:43

Tgt Ion:169 Resp: 42594
Ion Ratio Lower Upper
169 100
168 66.3 54.2 81.2
167 33.7 29.2 43.8

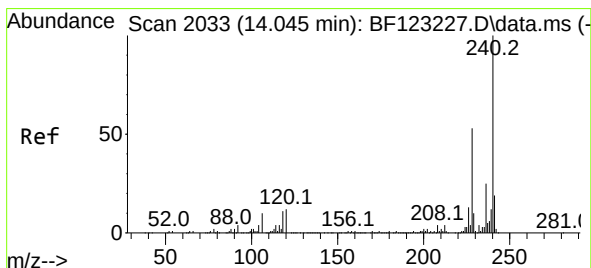
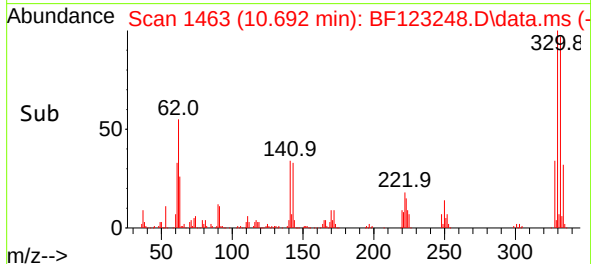
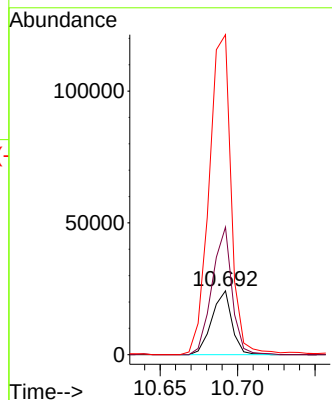
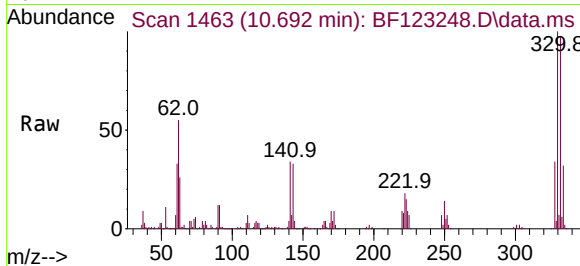




#67
4-Bromophenyl-phenylether
Concen: 4.21 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF123248.D
Acq: 20 Feb 2021 16:43

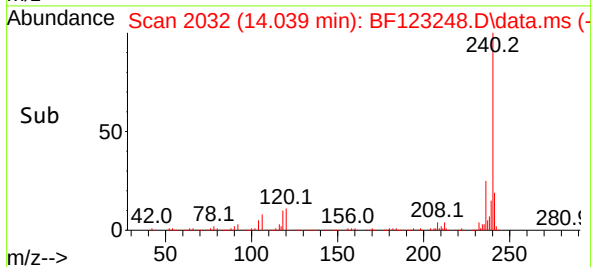
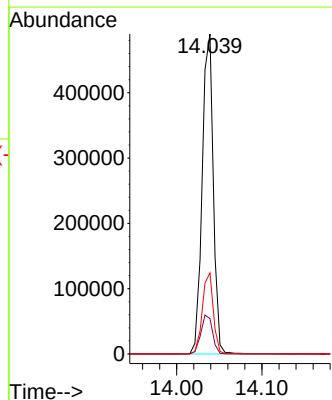
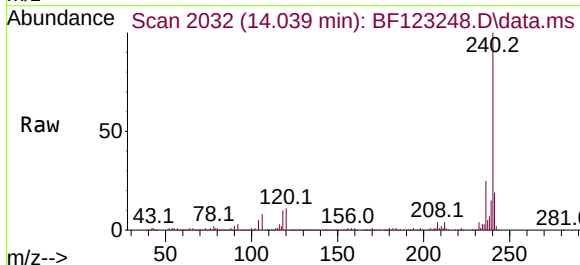
Instrument :
BNA_F
ClientSampleId :
IDW-BR2-AQ-BR-021621

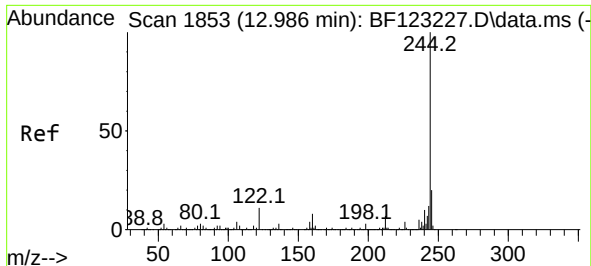
Tgt Ion:248 Resp: 21857
Ion Ratio Lower Upper
248 100
250 199.9 76.8 115.2#
141 501.7 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123248.D
Acq: 20 Feb 2021 16:43

Tgt Ion:240 Resp: 443957
Ion Ratio Lower Upper
240 100
120 11.0 8.6 12.8
236 25.4 20.3 30.5

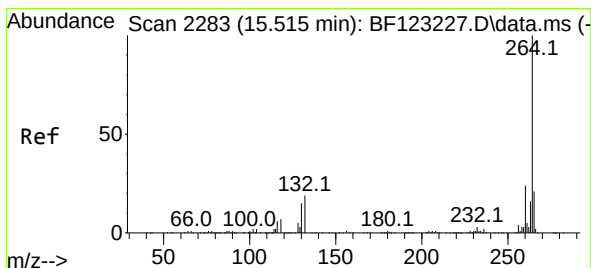
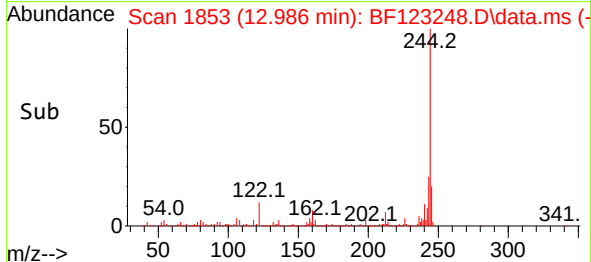
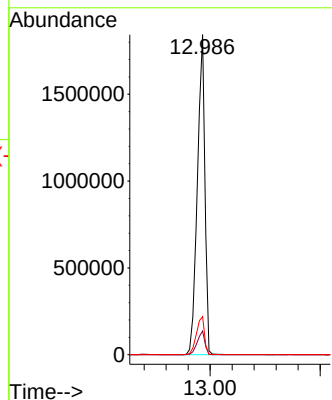
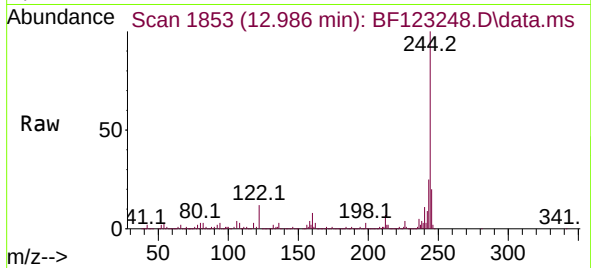




#79
Terphenyl-d14
Concen: 75.87 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF123248.D
Acq: 20 Feb 2021 16:43

Instrument :
BNA_F
ClientSampleId :
IDW-BR2-AQ-BR-021621

Tgt Ion:244 Resp: 1751666
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 11.9 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: BF123248.D
Acq: 20 Feb 2021 16:43

Tgt Ion:264 Resp: 293425
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.5 17.0 25.6

