

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
 Data File : BF123247.D
 Acq On : 20 Feb 2021 16:11
 Operator : JU/CG
 Sample : M1430-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H-4

Quant Time: Feb 22 03:16:38 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)

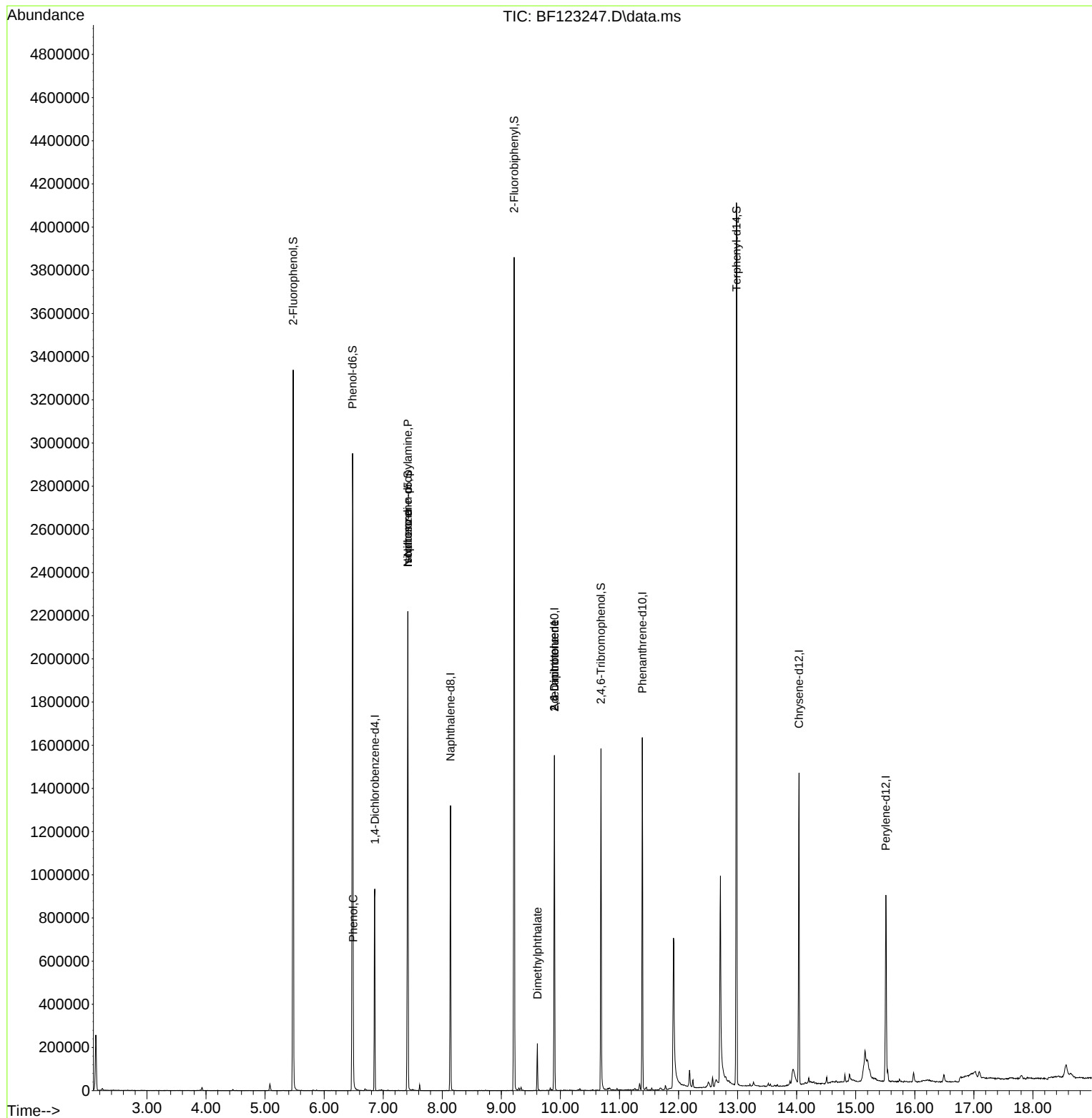
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	129581	20.00	ng	0.00
21) Naphthalene-d8	8.140	136	541512	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	277424	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	541700	20.00	ng	# 0.00
76) Chrysene-d12	14.039	240	454219	20.00	ng	0.00
86) Perylene-d12	15.510	264	366347	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	848082	94.21	ng	0.00
7) Phenol-d6	6.481	99	1126575	92.11	ng	-0.01
23) Nitrobenzene-d5	7.416	82	723228	61.14	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	152467	53.97	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	1156820	59.90	ng	0.00
79) Terphenyl-d14	12.980	244	1310079	55.46	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.487	77	2310	Below Cal	#	1
10) Phenol	6.493	94	44733	3.36	ng	98
19) n-Nitroso-di-n-propyla...	7.416	70	98456	13.53	ng	# 78
25) Isophorone	7.416	82	718477	32.48	ng	# 65
50) Dimethylphthalate	9.610	163	76046	3.67	ng	100
51) 2,6-Dinitrotoluene	9.898	165	35893	7.51	ng	# 32
57) 2,4-Dinitrotoluene	9.898	165	35893	5.58	ng	# 26

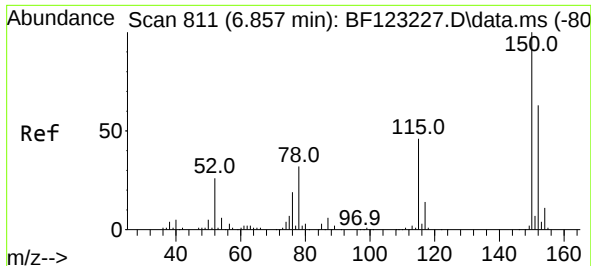
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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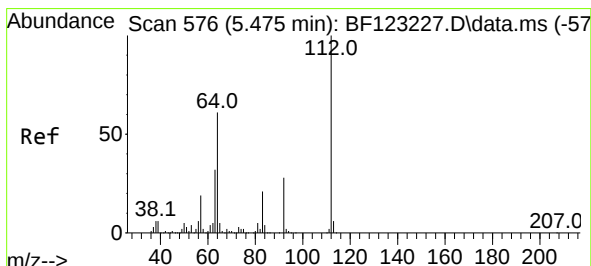
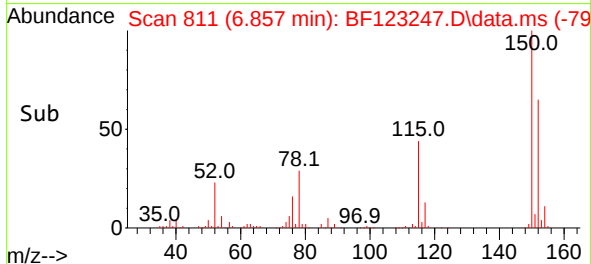
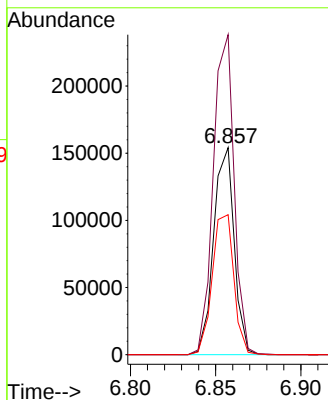
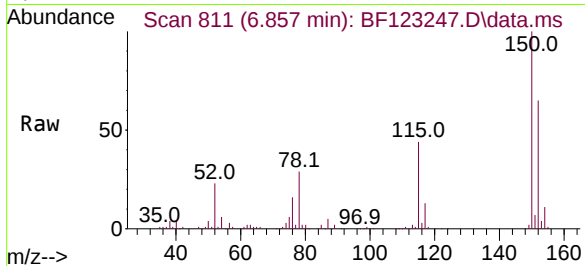




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123247.D
Acq: 20 Feb 2021 16:11

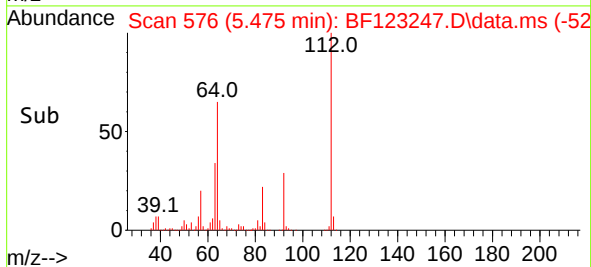
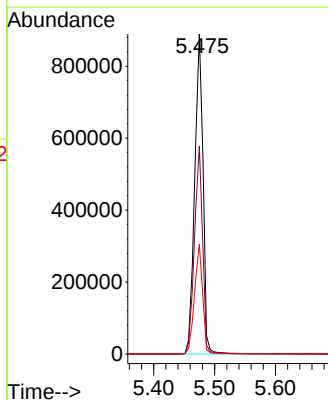
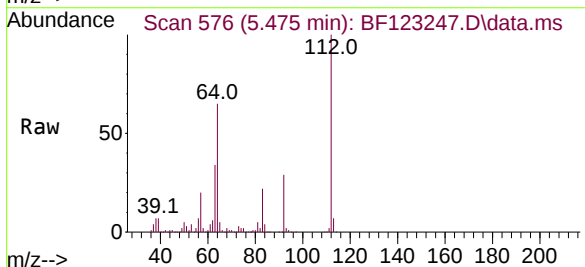
Instrument :
BNA_F
ClientSampleId :
H-4

Tgt Ion:152 Resp: 129581
Ion Ratio Lower Upper
152 100
150 154.6 125.8 188.6
115 67.7 49.3 73.9



#5
2-Fluorophenol
Concen: 94.21 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF123247.D
Acq: 20 Feb 2021 16:11

Tgt Ion:112 Resp: 848082
Ion Ratio Lower Upper
112 100
64 65.0 46.9 70.3
63 34.3 24.5 36.7

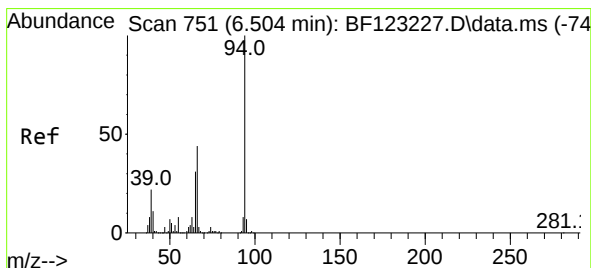
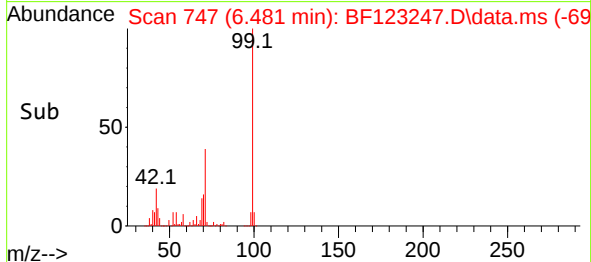
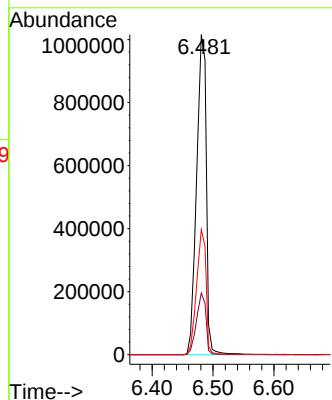
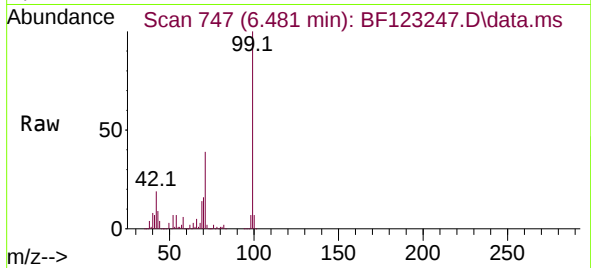




#7
Phenol-d6
Concen: 92.11 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123247.D
Acq: 20 Feb 2021 16:11

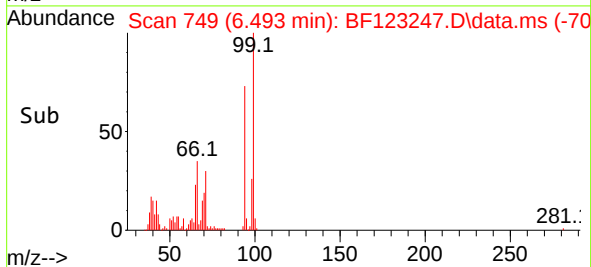
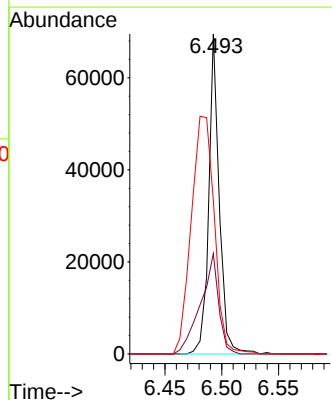
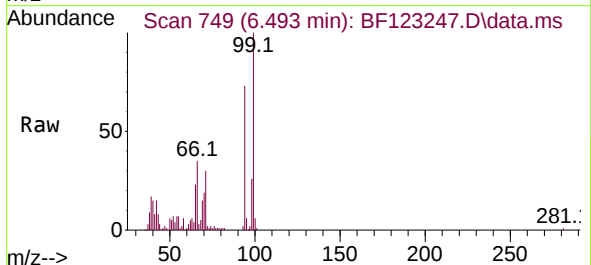
Instrument :
BNA_F
ClientSampleId :
H-4

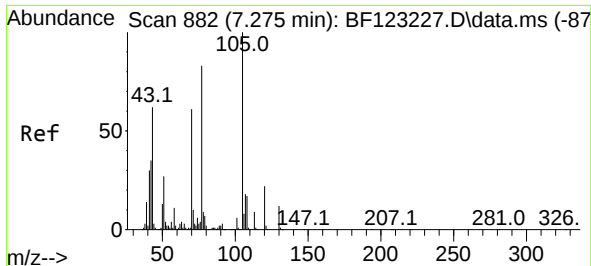
Tgt Ion: 99 Resp: 1126575
Ion Ratio Lower Upper
99 100
42 19.3 13.8 20.6
71 39.1 26.9 40.3



#10
Phenol
Concen: 3.36 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF123247.D
Acq: 20 Feb 2021 16:11

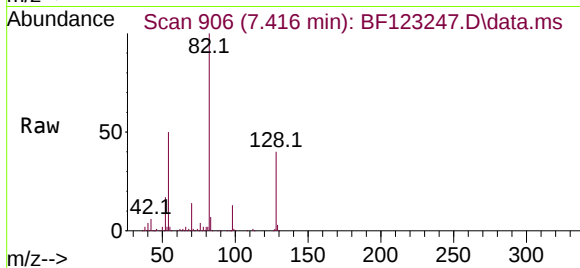
Tgt Ion: 94 Resp: 44733
Ion Ratio Lower Upper
94 100
65 31.4 11.2 51.2
66 48.1 25.8 65.8



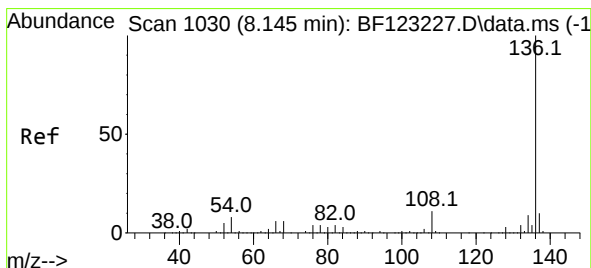
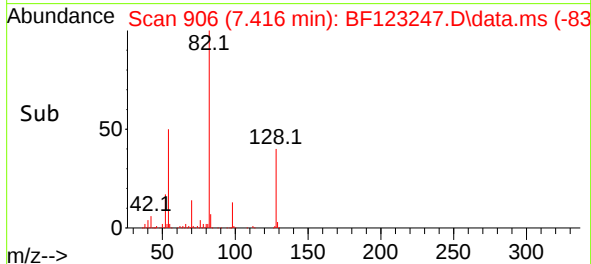
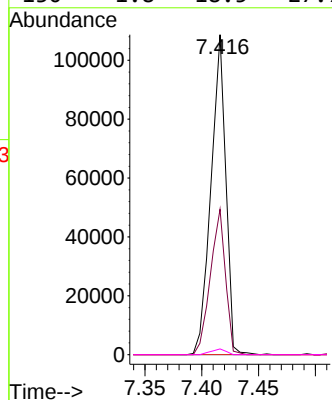


#19
n-Nitroso-di-n-propylamine
Concen: 13.53 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123247.D
Acq: 20 Feb 2021 16:11

Instrument :
BNA_F
ClientSampleId :
H-4

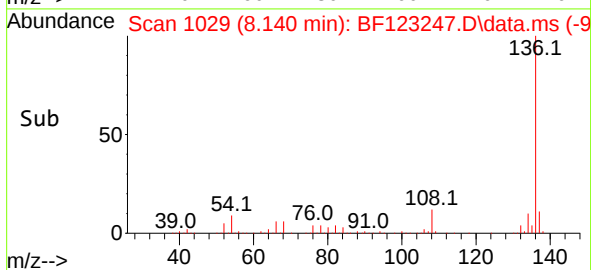
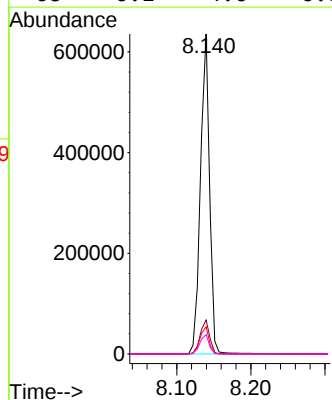
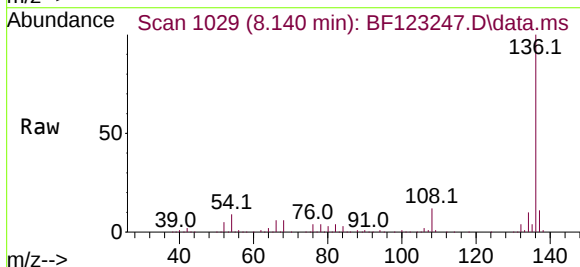


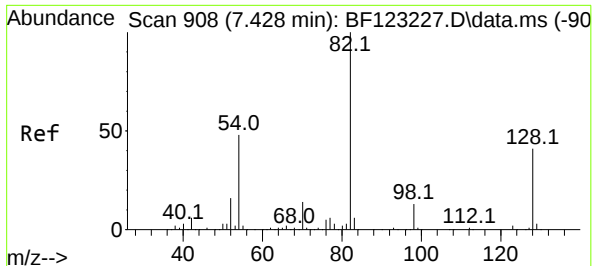
Tgt Ion: 70 Resp: 98456
Ion Ratio Lower Upper
70 100
42 45.5 43.0 64.4
101 0.0 7.9 11.9#
130 1.8 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123247.D
Acq: 20 Feb 2021 16:11

Tgt Ion: 136 Resp: 541512
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.5 5.5 8.3#
68 6.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 61.14 ng

RT: 7.416 min Scan# 906

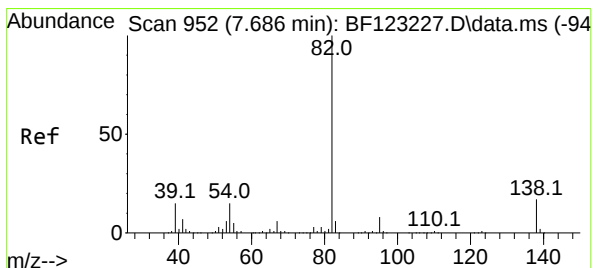
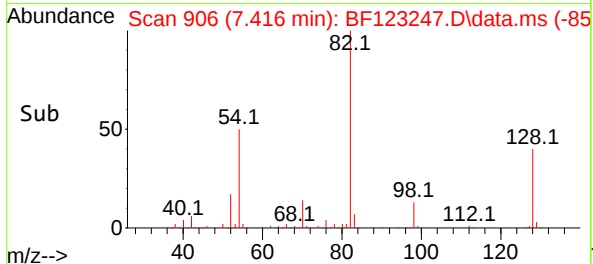
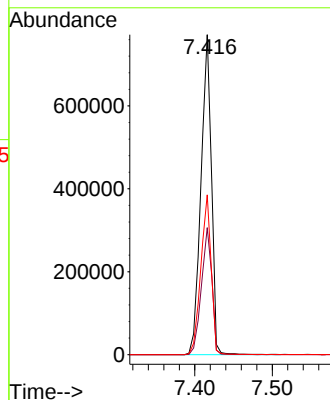
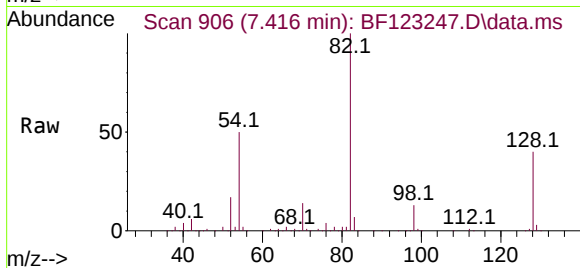
Delta R.T. -0.012 min

Lab File: BF123247.D

Acq: 20 Feb 2021 16:11

Tgt Ion: 82 Resp: 723228

Ion	Ratio	Lower	Upper
82	100		
128	39.7	37.0	55.4
54	49.9	38.4	57.6



#25

Isophorone

Concen: 32.48 ng

RT: 7.416 min Scan# 906

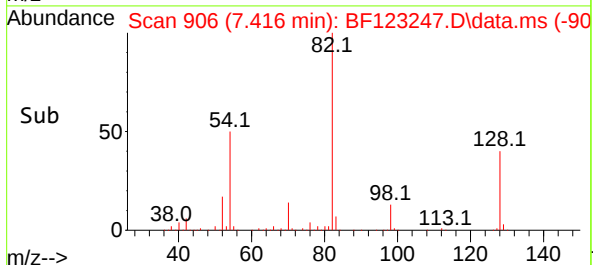
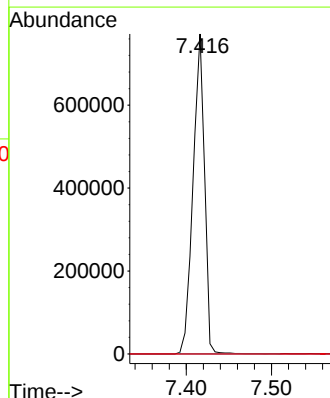
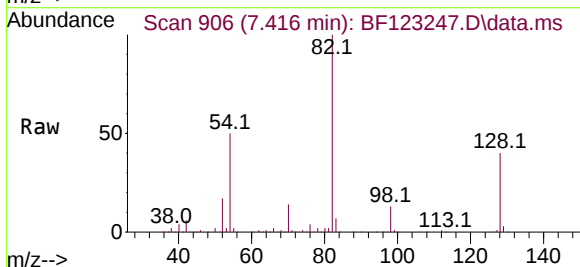
Delta R.T. -0.270 min

Lab File: BF123247.D

Acq: 20 Feb 2021 16:11

Tgt Ion: 82 Resp: 718477

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

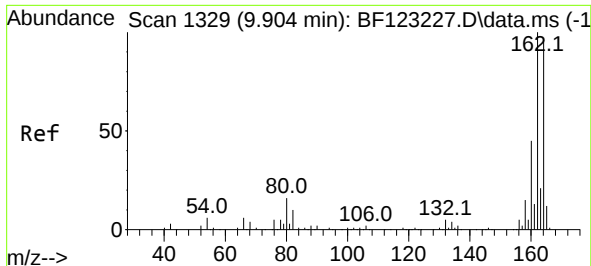


Instrument :

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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF123247.D

Acq: 20 Feb 2021 16:11

Tgt Ion:164 Resp: 277424

Ion Ratio Lower Upper

164 100

162 105.5 80.8 121.2

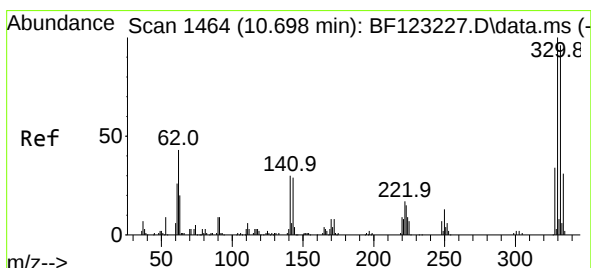
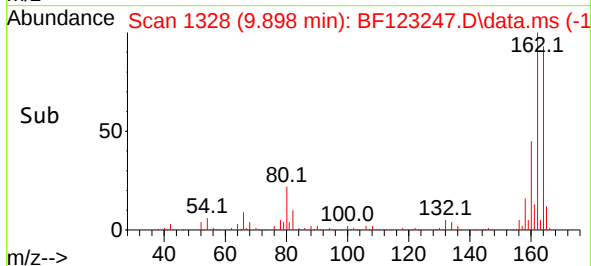
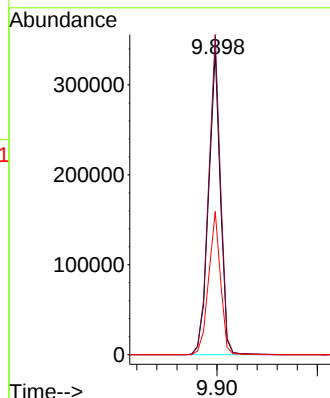
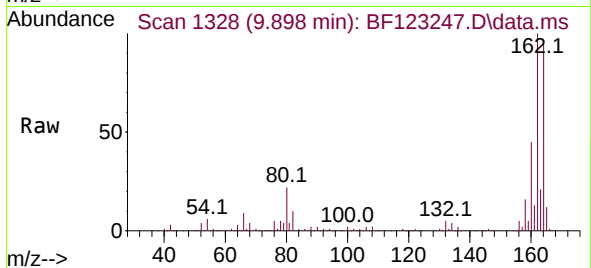
160 47.3 35.4 53.0

Instrument :

BNA_F

ClientSampleId :

H-4



#42

2,4,6-Tribromophenol

Concen: 53.97 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF123247.D

Acq: 20 Feb 2021 16:11

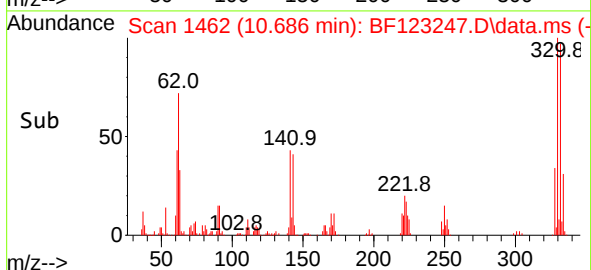
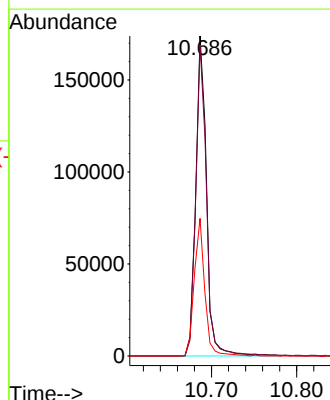
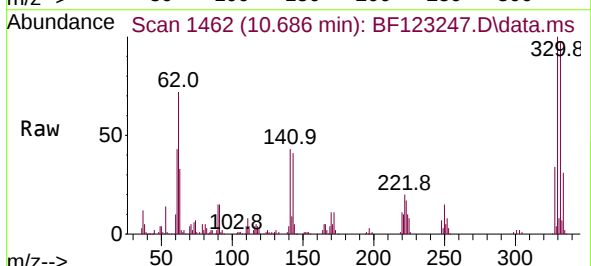
Tgt Ion:330 Resp: 152467

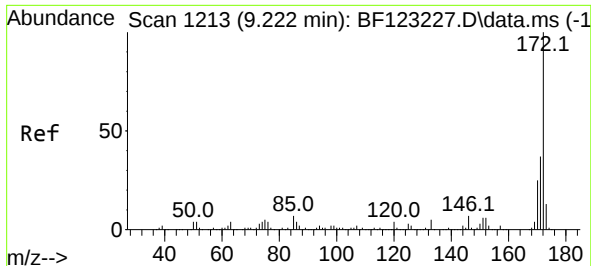
Ion Ratio Lower Upper

330 100

332 96.8 77.5 116.3

141 42.1 23.8 35.8#

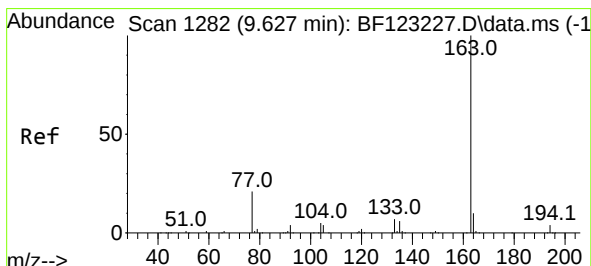
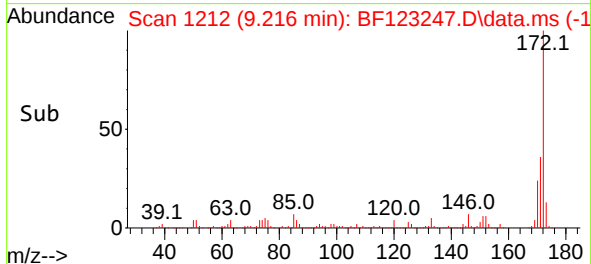
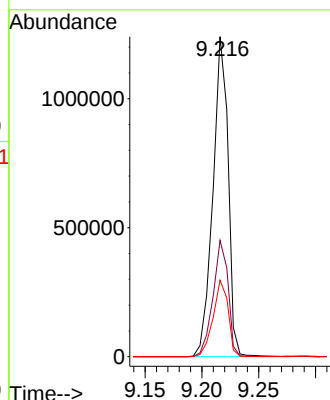
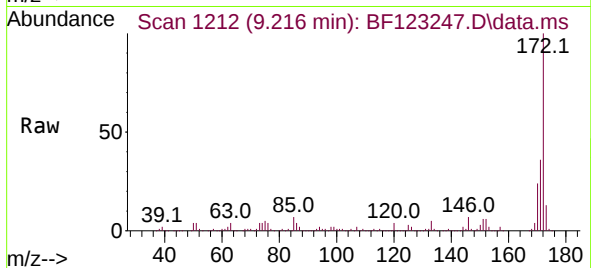




#45
2-Fluorobiphenyl
Concen: 59.90 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123247.D
Acq: 20 Feb 2021 16:11

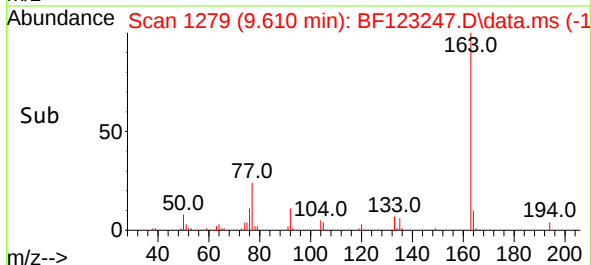
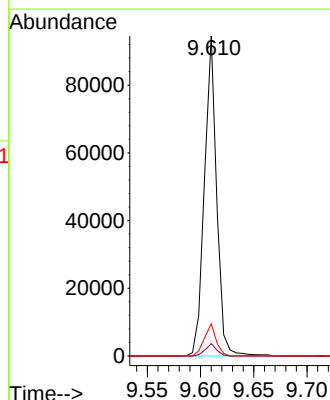
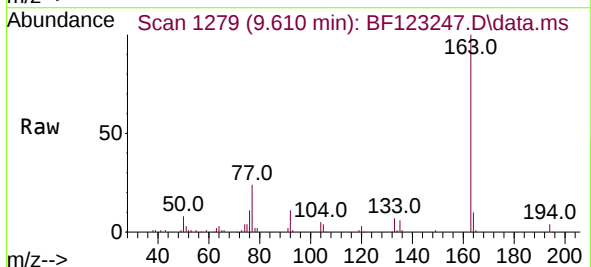
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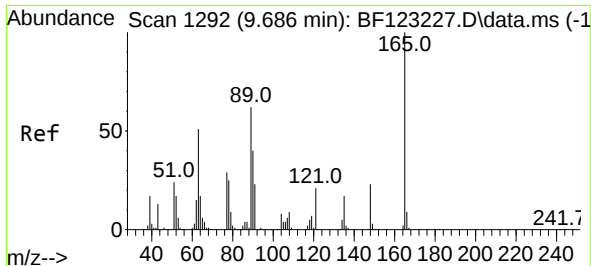
Tgt Ion:172 Resp: 1156820
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.9 19.5 29.3



#50
Dimethylphthalate
Concen: 3.67 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.017 min
Lab File: BF123247.D
Acq: 20 Feb 2021 16:11

Tgt Ion:163 Resp: 76046
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.0 8.1 12.1

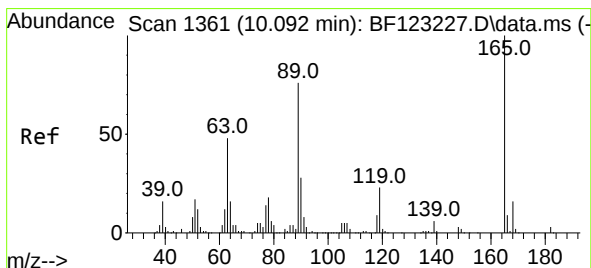
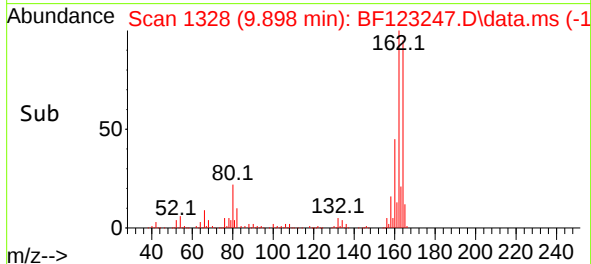
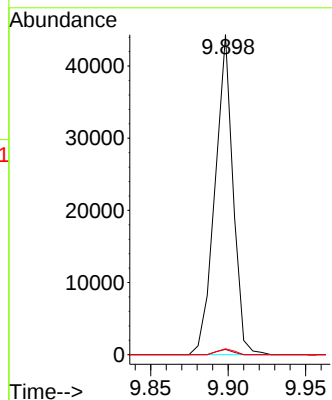
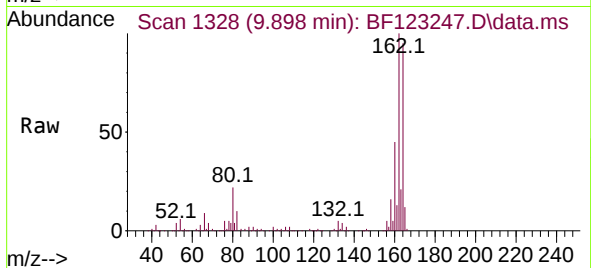




#51
2,6-Dinitrotoluene
Concen: 7.51 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123247.D
Acq: 20 Feb 2021 16:11

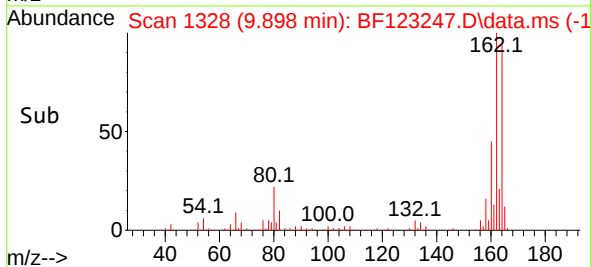
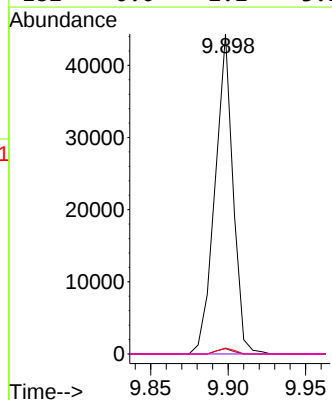
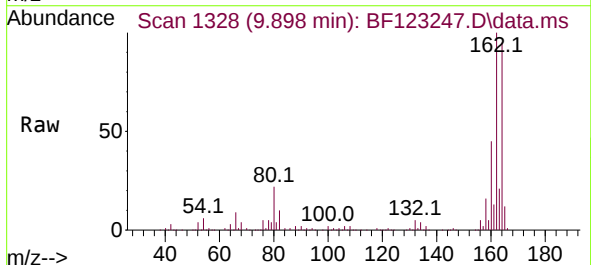
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BNA_F
ClientSampleId :
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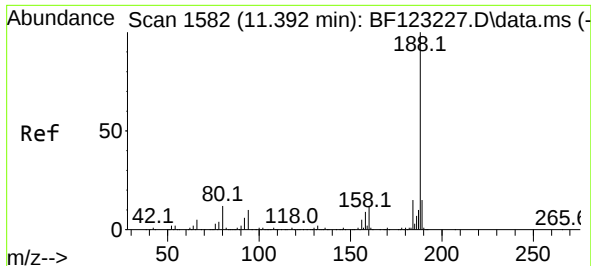
Tgt Ion:165 Resp: 35893
Ion Ratio Lower Upper
165 100
63 1.6 36.6 55.0#
89 1.9 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.58 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123247.D
Acq: 20 Feb 2021 16:11

Tgt Ion:165 Resp: 35893
Ion Ratio Lower Upper
165 100
63 1.6 34.3 51.5#
89 1.9 55.2 82.8#
182 0.0 2.2 3.2#

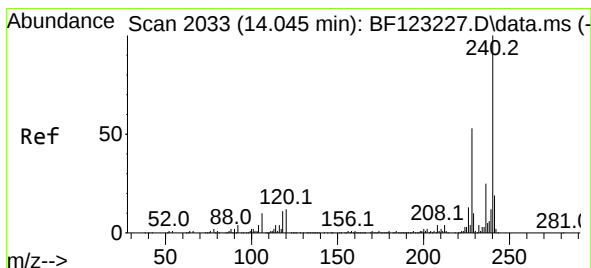
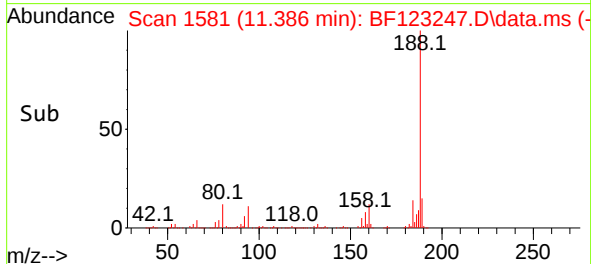
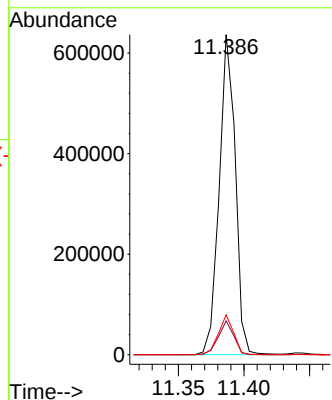
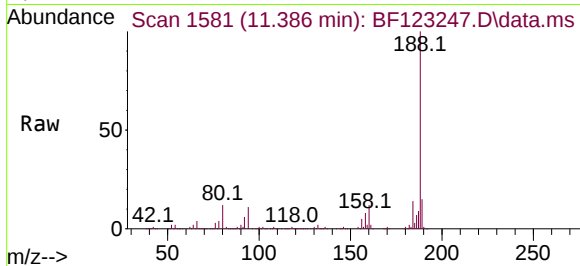




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123247.D
Acq: 20 Feb 2021 16:11

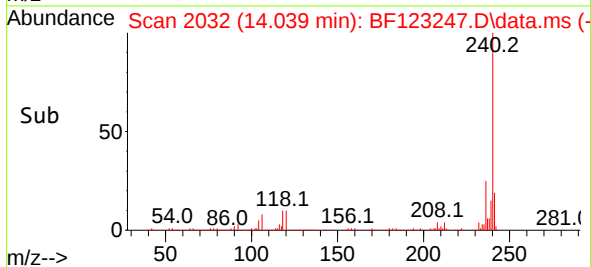
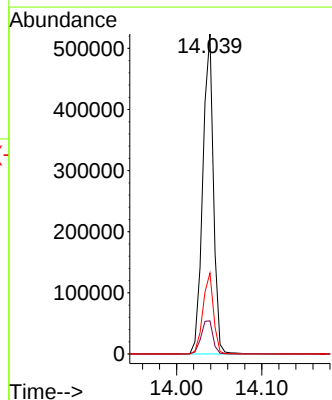
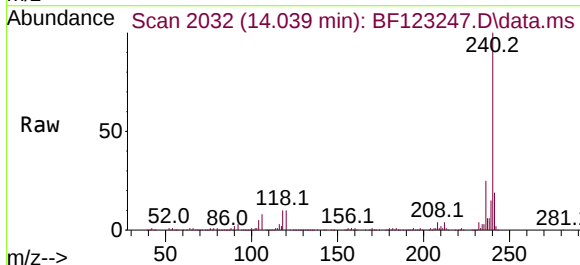
Instrument :
BNA_F
ClientSampleId :
H-4

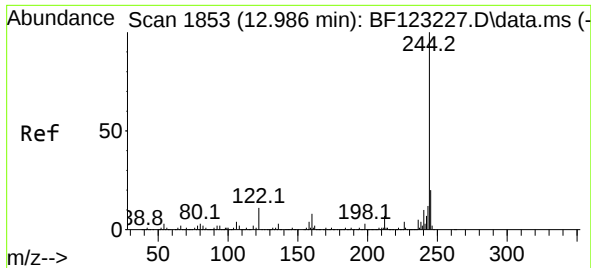
Tgt Ion:188 Resp: 541700
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 12.4 8.2 12.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123247.D
Acq: 20 Feb 2021 16:11

Tgt Ion:240 Resp: 454219
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 25.3 20.3 30.5

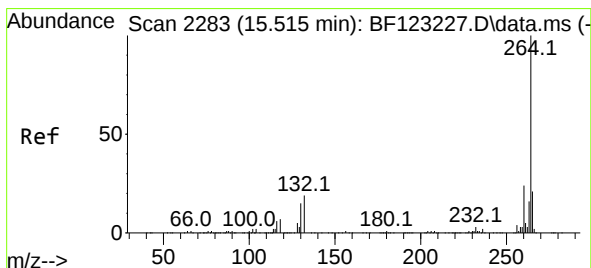
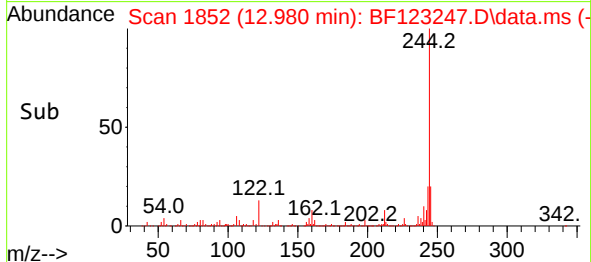
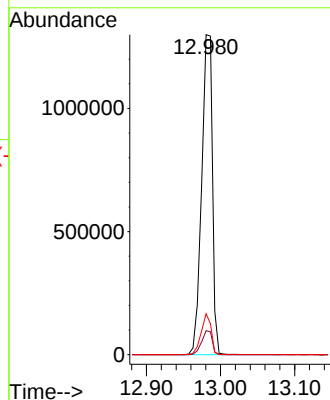
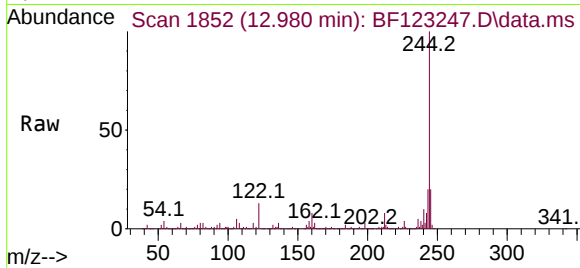




#79
 Terphenyl-d14
 Concen: 55.46 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF123247.D
 Acq: 20 Feb 2021 16:11

Instrument :
 BNA_F
 ClientSampleId :
 H-4

Tgt Ion:244 Resp: 1310079
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 12.8 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: BF123247.D
 Acq: 20 Feb 2021 16:11

Tgt Ion:264 Resp: 366347
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.6 17.0 25.6

