

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022021\
 Data File : BF123249.D
 Acq On : 20 Feb 2021 17:15
 Operator : JU/CG
 Sample : M1430-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H-3

Quant Time: Feb 22 03:16:58 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)

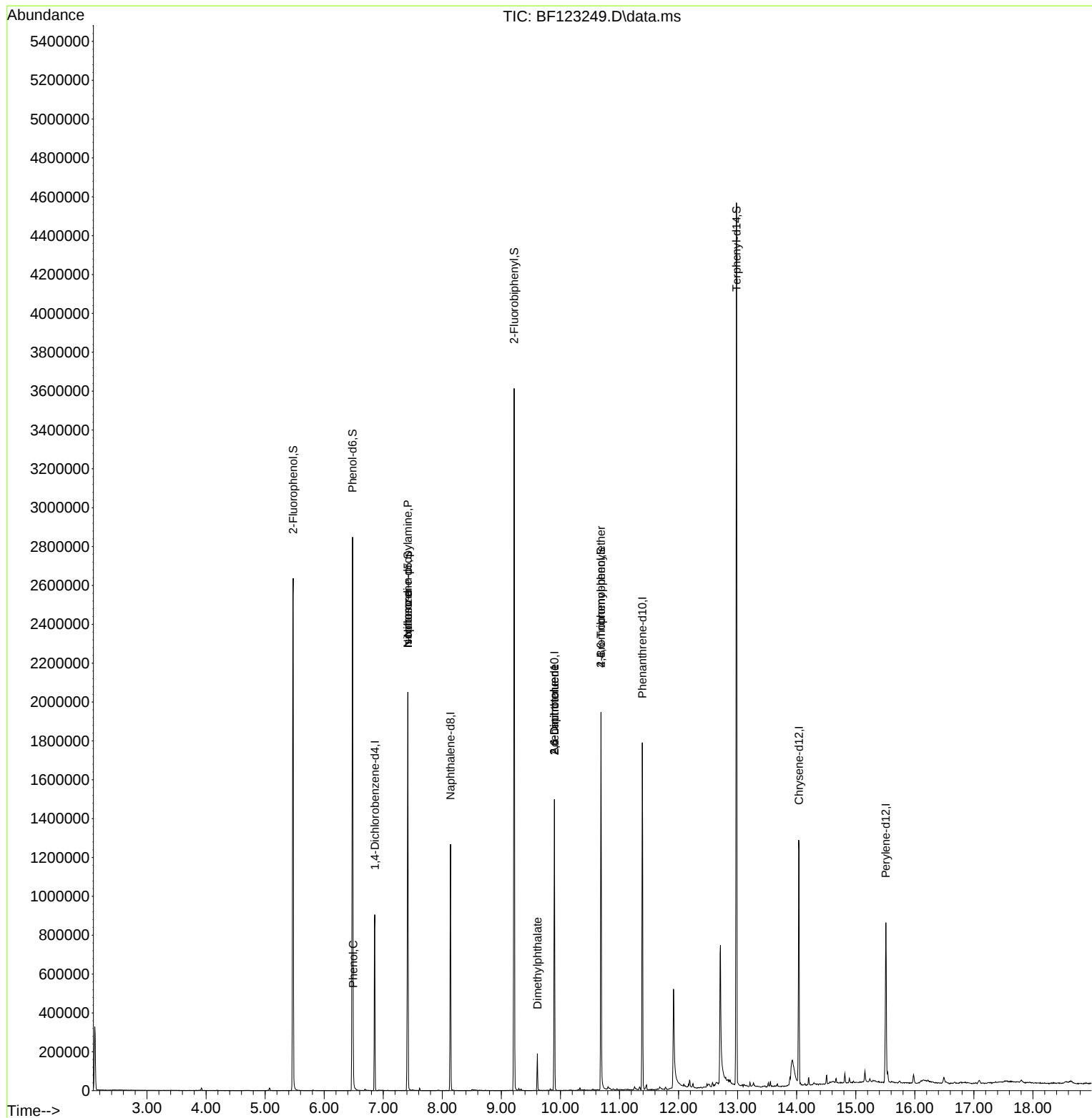
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	121924	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	511440	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	266984	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	609430	20.00	ng	# 0.00
76) Chrysene-d12	14.039	240	430989	20.00	ng	0.00
86) Perylene-d12	15.509	264	341597	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	733839	86.64	ng	0.00
7) Phenol-d6	6.481	99	946766	82.27	ng	-0.01
23) Nitrobenzene-d5	7.416	82	624285	55.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	177028	65.12	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	1035562	55.72	ng	0.00
79) Terphenyl-d14	12.980	244	1310574	58.47	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	1957	Below Cal	#	1
10) Phenol	6.492	94	40552	3.23	ng	97
19) n-Nitroso-di-n-propyla...	7.416	70	83941	12.26	ng	# 80
25) Isophorone	7.416	82	620644	29.71	ng	# 65
50) Dimethylphthalate	9.610	163	62629	3.14	ng	99
51) 2,6-Dinitrotoluene	9.898	165	33650	7.31	ng	# 32
57) 2,4-Dinitrotoluene	9.898	165	33650	5.44	ng	# 26
67) 4-Bromophenyl-phenylether	10.686	248	13417	2.02	ng	# 1

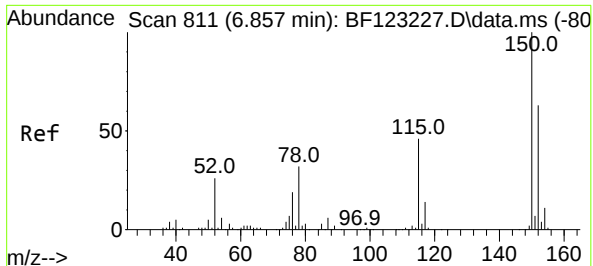
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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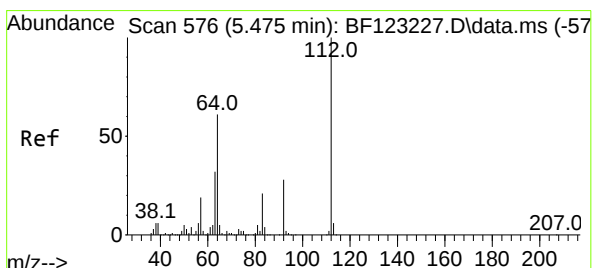
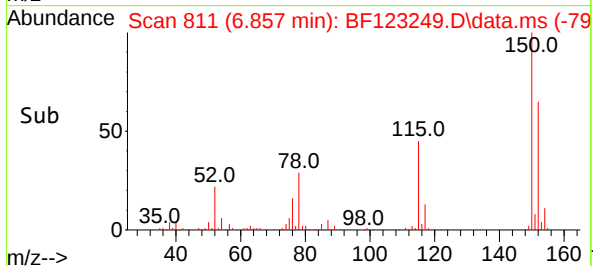
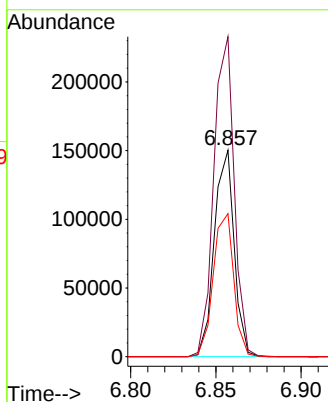
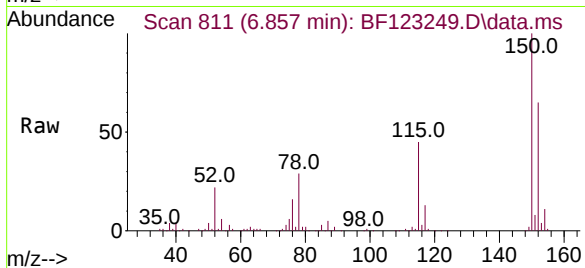




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123249.D
Acq: 20 Feb 2021 17:15

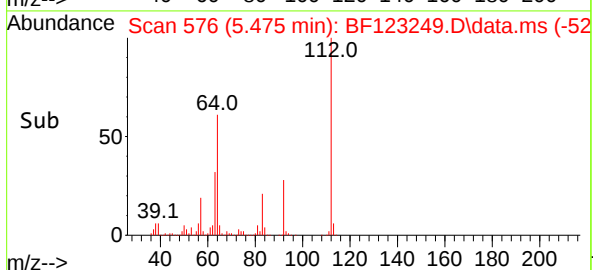
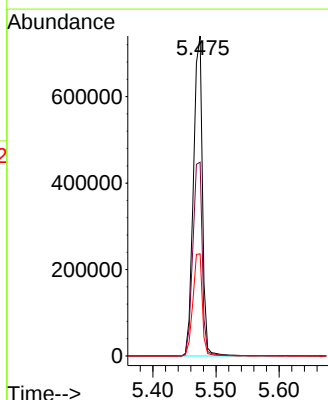
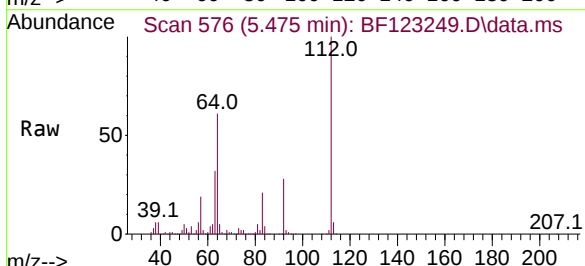
Instrument :
BNA_F
ClientSampleId :
H-3

Tgt Ion:152 Resp: 121924
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.6
115 69.3 49.3 73.9



#5
2-Fluorophenol
Concen: 86.64 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF123249.D
Acq: 20 Feb 2021 17:15

Tgt Ion:112 Resp: 733839
Ion Ratio Lower Upper
112 100
64 60.5 46.9 70.3
63 31.9 24.5 36.7

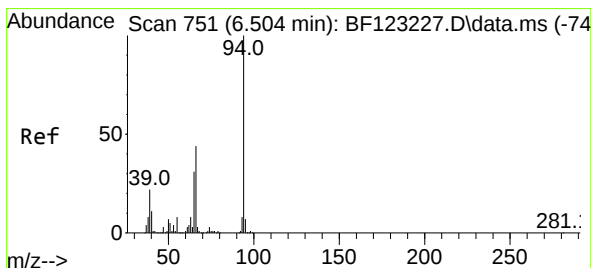
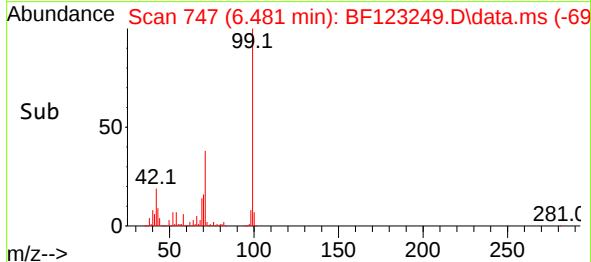
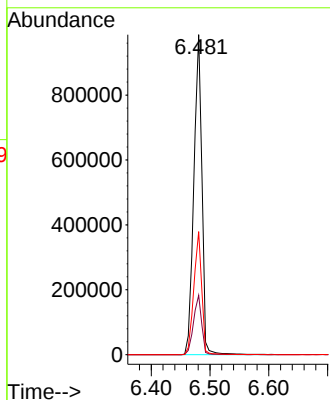
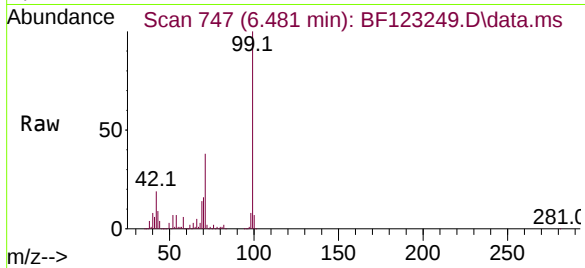




#7
Phenol-d6
Concen: 82.27 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123249.D
Acq: 20 Feb 2021 17:15

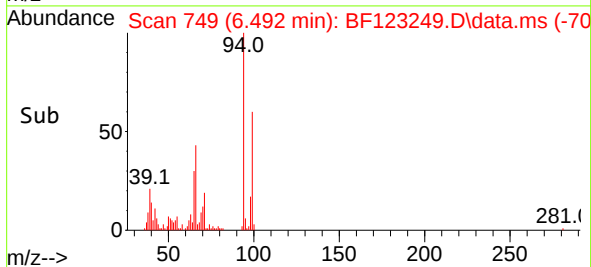
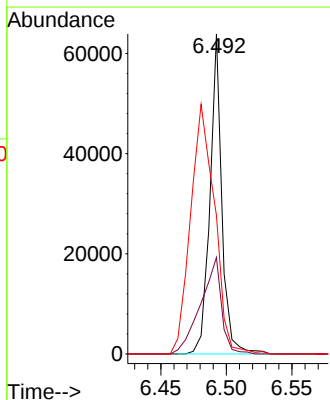
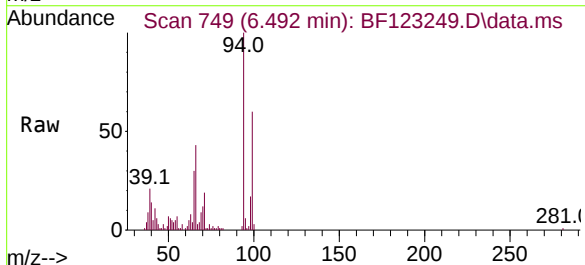
Instrument :
BNA_F
ClientSampleId :
H-3

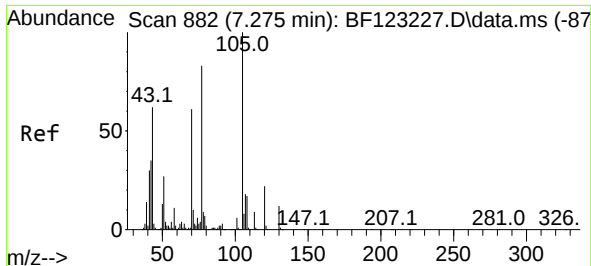
Tgt Ion:	99	Resp:	946766
Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.8	20.6
71	38.4	26.9	40.3



#10
Phenol
Concen: 3.23 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF123249.D
Acq: 20 Feb 2021 17:15

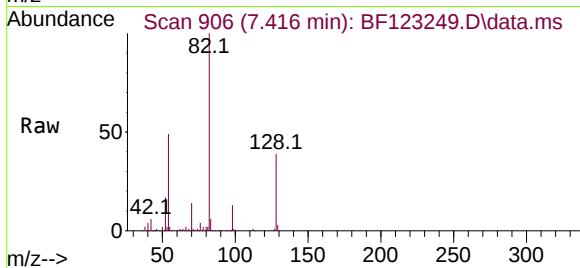
Tgt Ion:	94	Resp:	40552
Ion	Ratio	Lower	Upper
94	100		
65	30.1	11.2	51.2
66	43.3	25.8	65.8



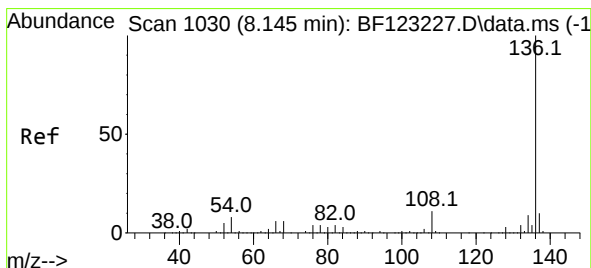
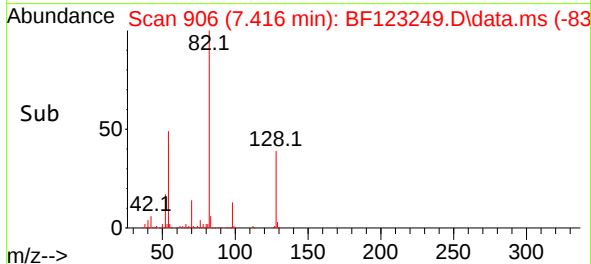
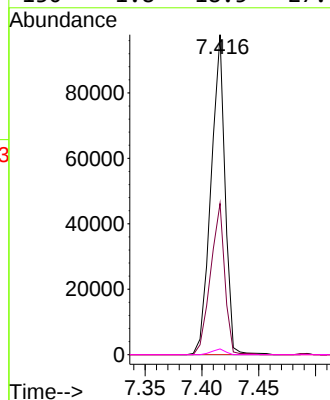


#19
n-Nitroso-di-n-propylamine
Concen: 12.26 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123249.D
Acq: 20 Feb 2021 17:15

Instrument :
BNA_F
ClientSampleId :
H-3

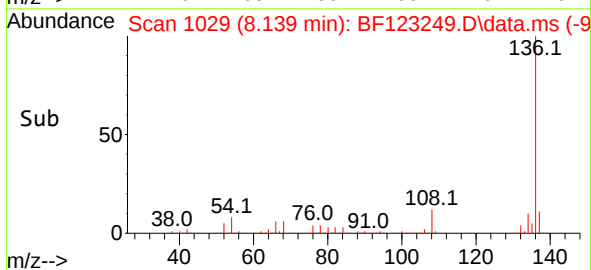
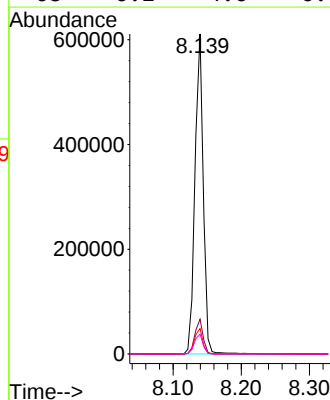
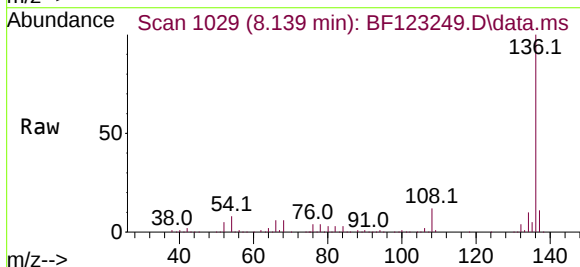


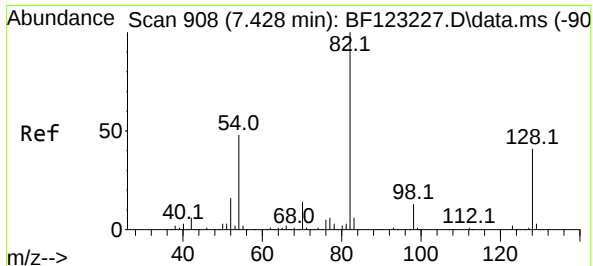
Tgt Ion: 70 Resp: 83941
Ion Ratio Lower Upper
70 100
42 47.2 43.0 64.4
101 0.0 7.9 11.9#
130 1.8 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123249.D
Acq: 20 Feb 2021 17:15

Tgt Ion: 136 Resp: 511440
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.9 5.5 8.3
68 6.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 55.88 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF123249.D

Acq: 20 Feb 2021 17:15

Tgt Ion: 82 Resp: 624285

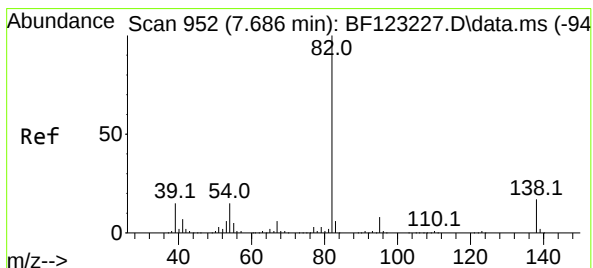
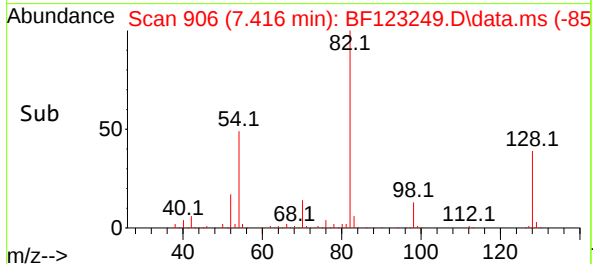
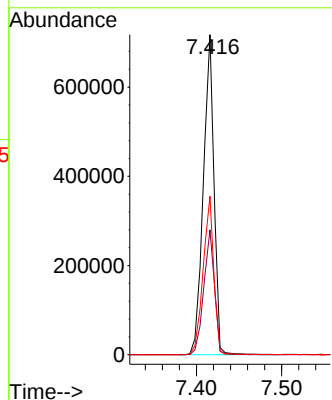
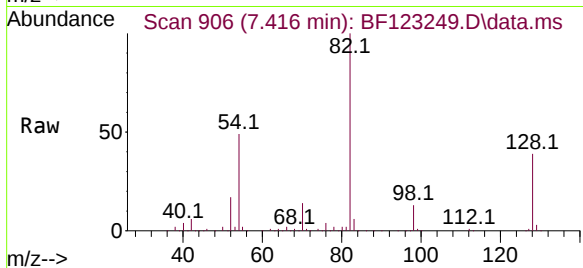
Ion	Ratio	Lower	Upper
82	100		
128	39.0	37.0	55.4
54	49.5	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

H-3



#25

Isophorone

Concen: 29.71 ng

RT: 7.416 min Scan# 906

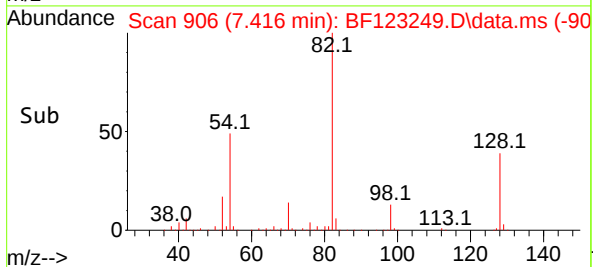
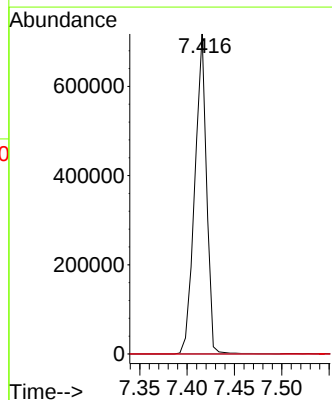
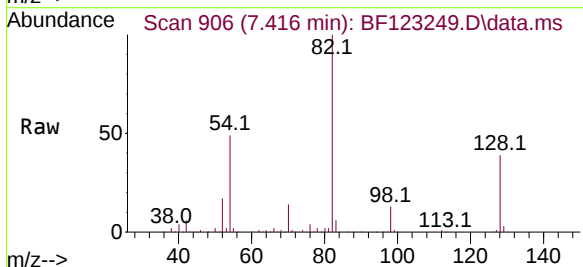
Delta R.T. -0.271 min

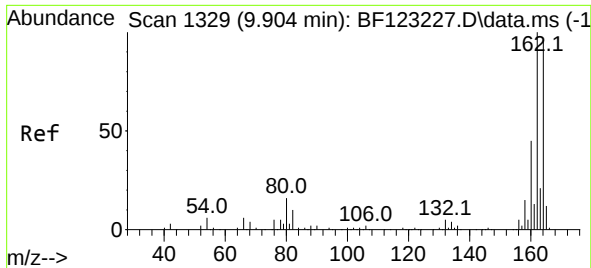
Lab File: BF123249.D

Acq: 20 Feb 2021 17:15

Tgt Ion: 82 Resp: 620644

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

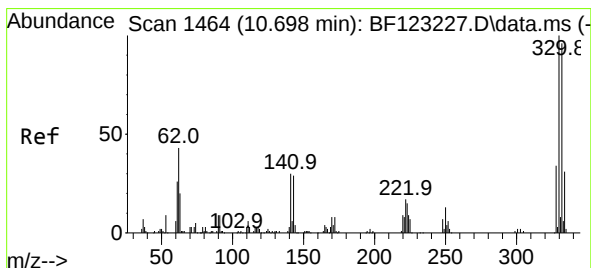
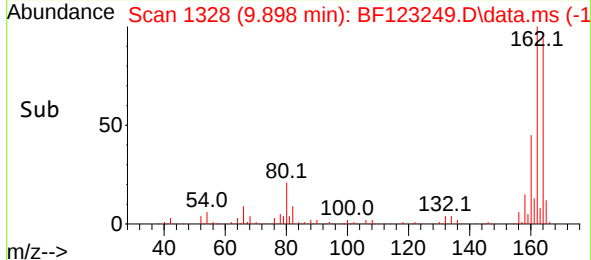
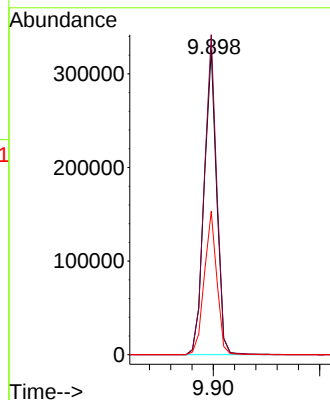
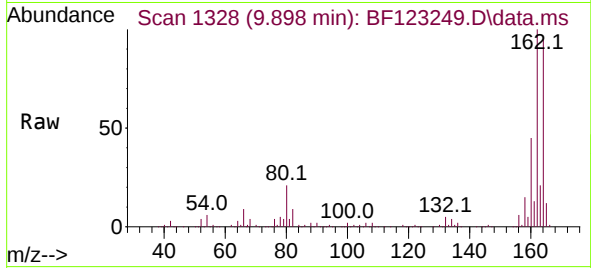




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123249.D
Acq: 20 Feb 2021 17:15

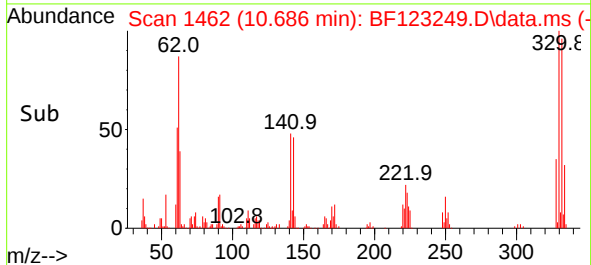
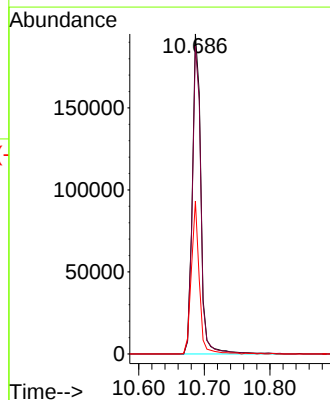
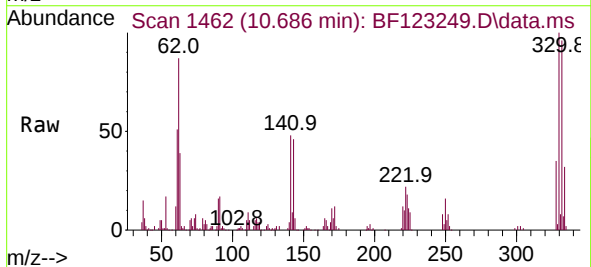
Instrument :
BNA_F
ClientSampleId :
H-3

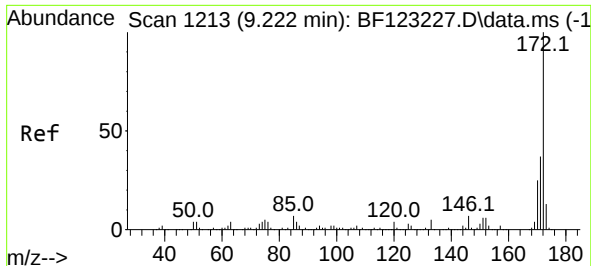
Tgt Ion:164 Resp: 266984
Ion Ratio Lower Upper
164 100
162 104.9 80.8 121.2
160 47.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 65.12 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123249.D
Acq: 20 Feb 2021 17:15

Tgt Ion:330 Resp: 177028
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 44.1 23.8 35.8#

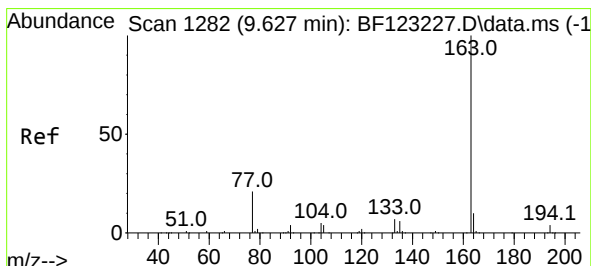
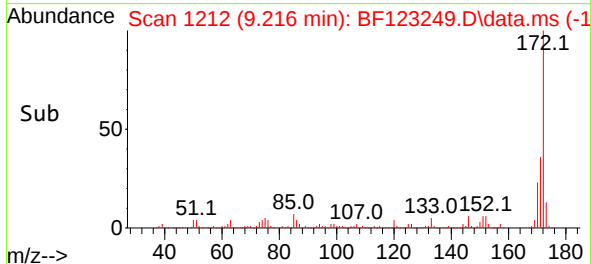
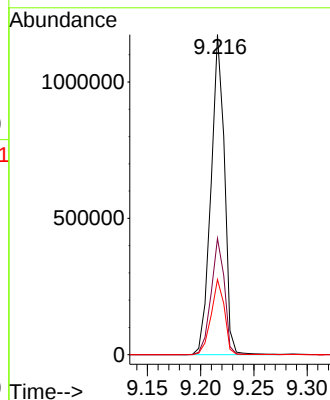
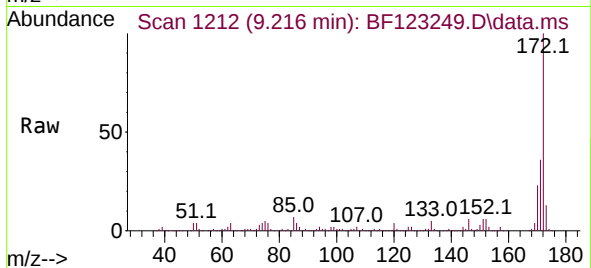




#45
2-Fluorobiphenyl
Concen: 55.72 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123249.D
Acq: 20 Feb 2021 17:15

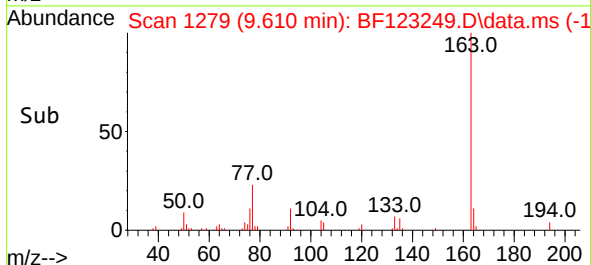
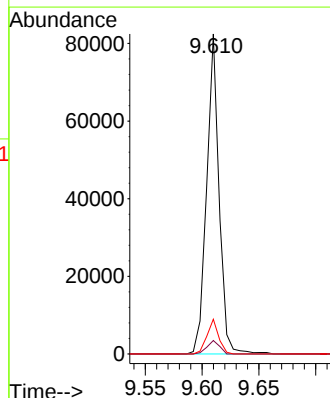
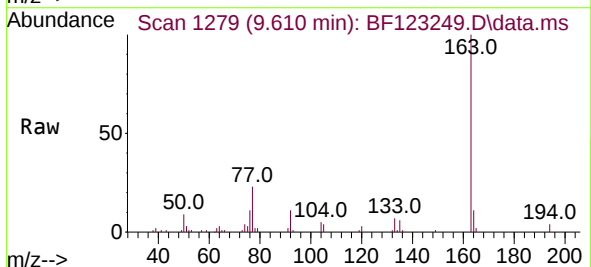
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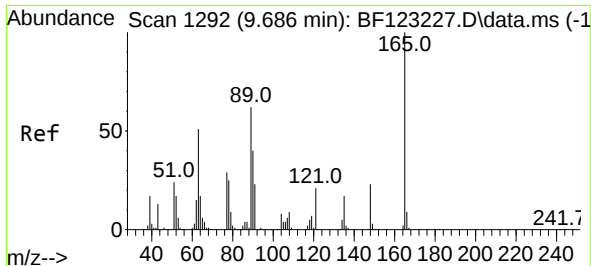
Tgt Ion:172 Resp: 1035562
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.5 19.5 29.3



#50
Dimethylphthalate
Concen: 3.14 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF123249.D
Acq: 20 Feb 2021 17:15

Tgt Ion:163 Resp: 62629
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.8 8.1 12.1

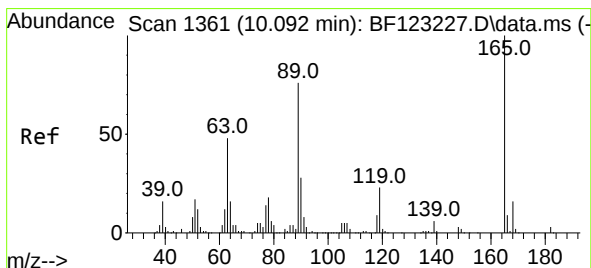
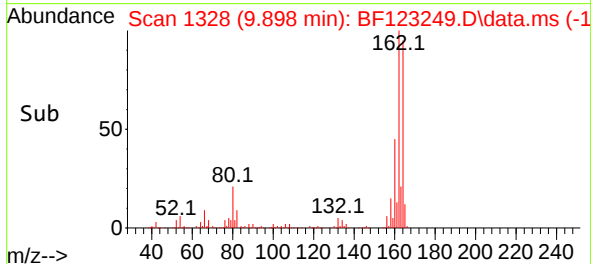
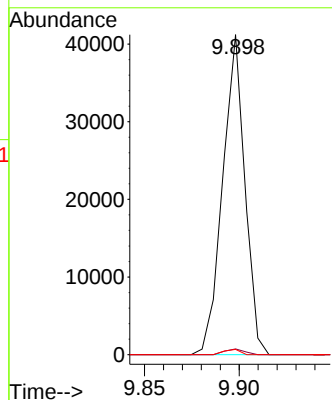
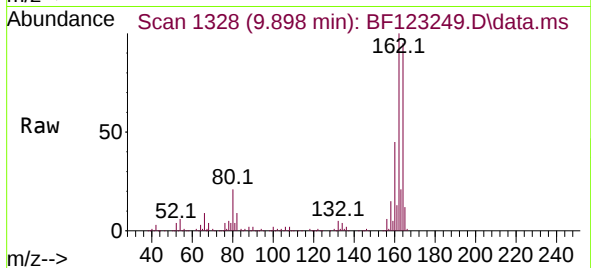




#51
2,6-Dinitrotoluene
Concen: 7.31 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123249.D
Acq: 20 Feb 2021 17:15

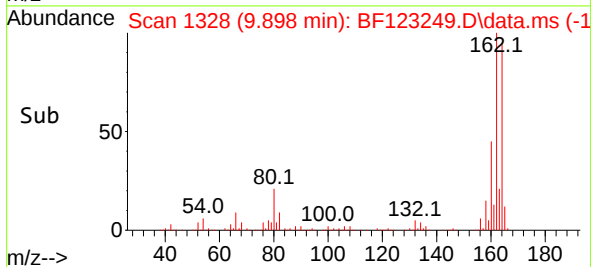
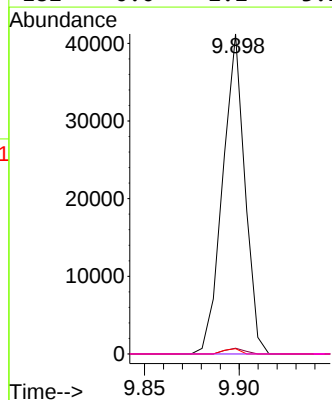
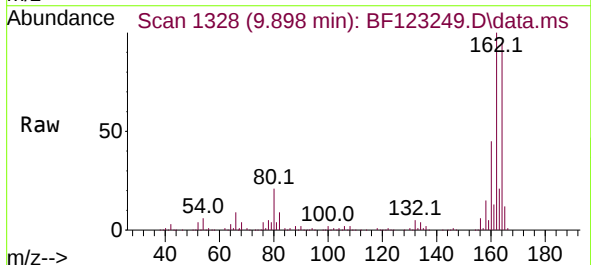
Instrument :
BNA_F
ClientSampleId :
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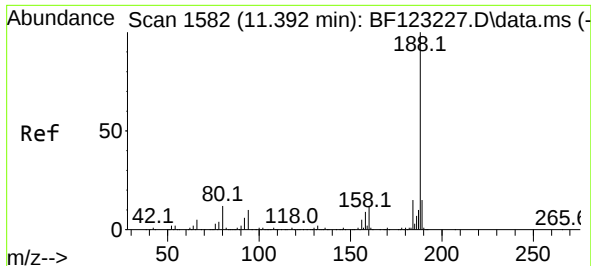
Tgt Ion:165 Resp: 33650
Ion Ratio Lower Upper
165 100
63 1.8 36.6 55.0#
89 1.7 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.44 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123249.D
Acq: 20 Feb 2021 17:15

Tgt Ion:165 Resp: 33650
Ion Ratio Lower Upper
165 100
63 1.8 34.3 51.5#
89 1.7 55.2 82.8#
182 0.0 2.2 3.2#

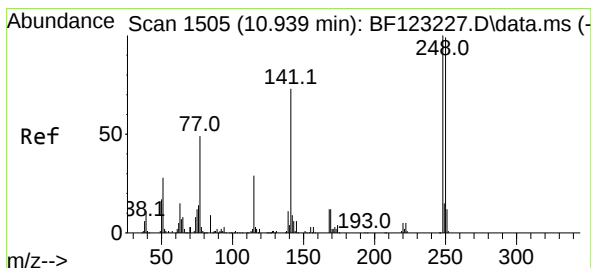
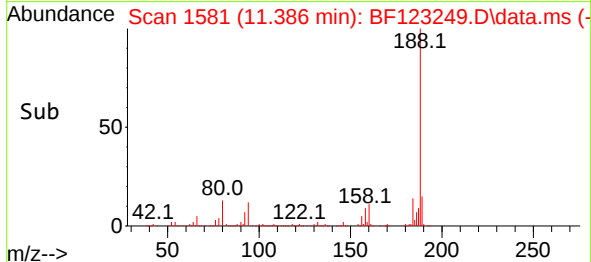
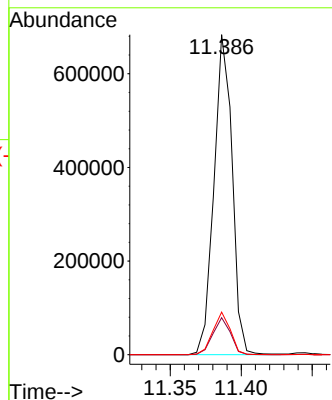
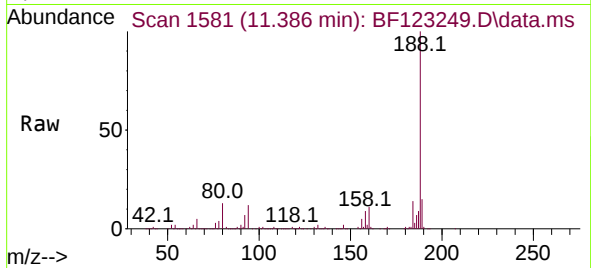




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123249.D
Acq: 20 Feb 2021 17:15

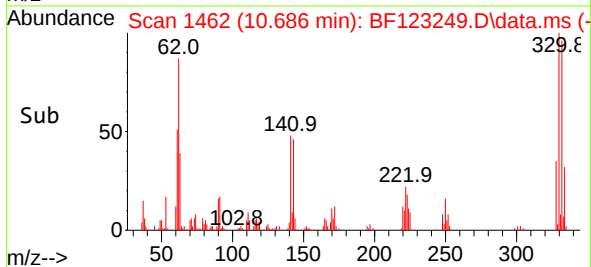
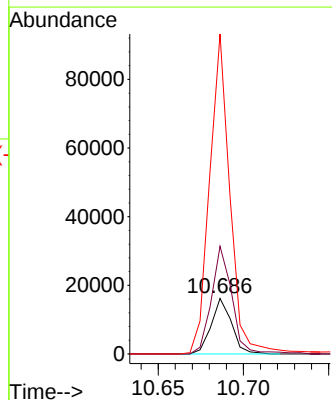
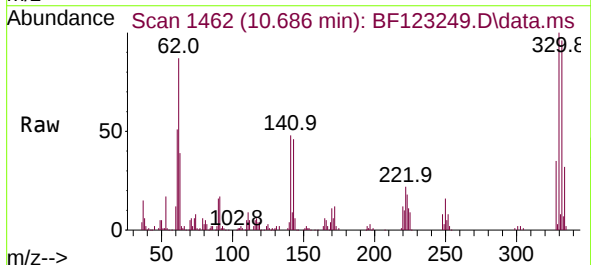
Instrument :
BNA_F
ClientSampleId :
H-3

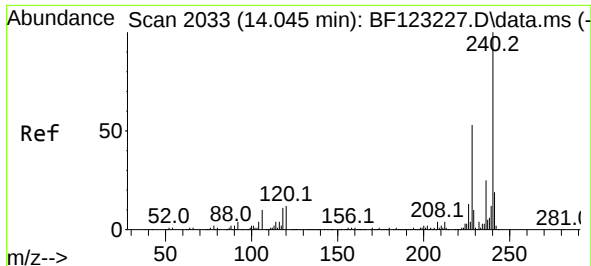
Tgt Ion:188 Resp: 609430
Ion Ratio Lower Upper
188 100
94 11.6 7.4 11.2#
80 13.3 8.2 12.4#



#67
4-Bromophenyl-phenylether
Concen: 2.02 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF123249.D
Acq: 20 Feb 2021 17:15

Tgt Ion:248 Resp: 13417
Ion Ratio Lower Upper
248 100
250 193.7 76.8 115.2#
141 575.8 59.8 89.8#

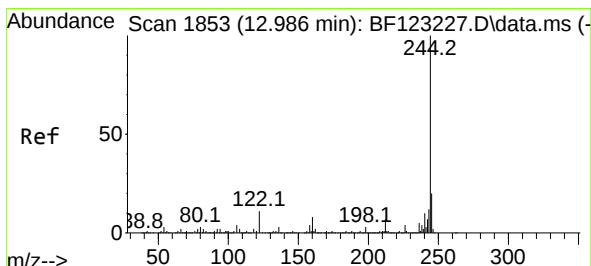
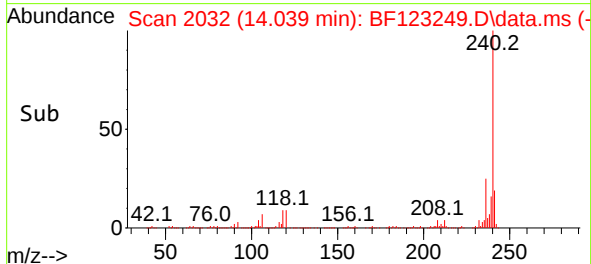
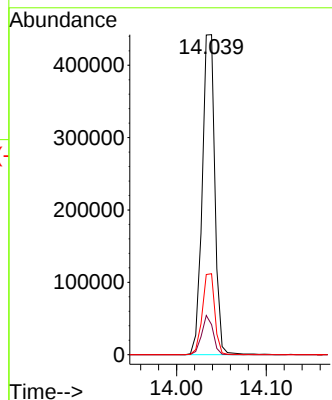
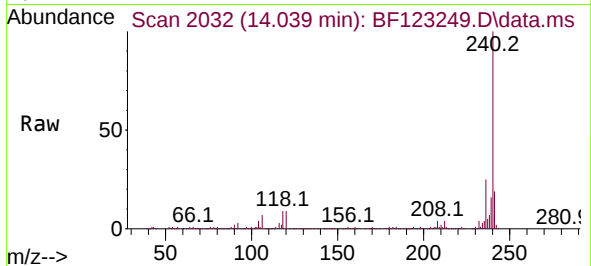




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123249.D
Acq: 20 Feb 2021 17:15

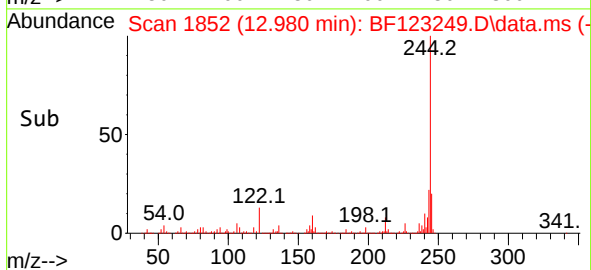
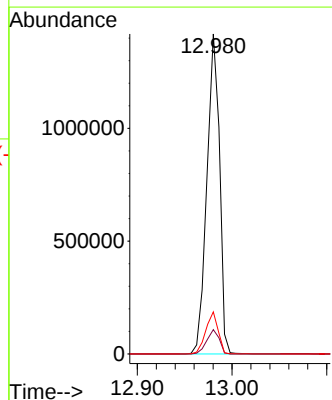
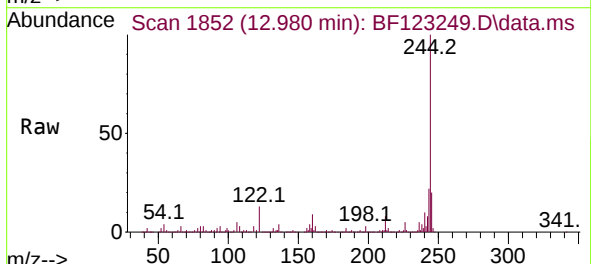
Instrument :
BNA_F
ClientSampleId :
H-3

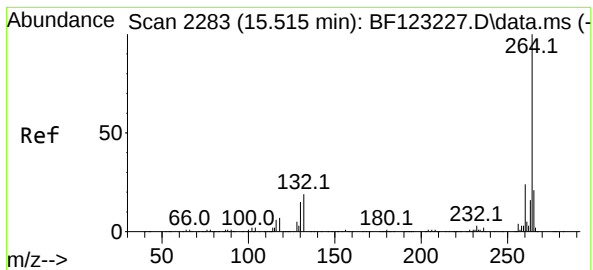
Tgt Ion:240 Resp: 430989
Ion Ratio Lower Upper
240 100
120 9.4 8.6 12.8
236 25.3 20.3 30.5



#79
Terphenyl-d14
Concen: 58.47 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF123249.D
Acq: 20 Feb 2021 17:15

Tgt Ion:244 Resp: 1310574
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 13.2 8.3 12.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF123249.D
 Acq: 20 Feb 2021 17:15

Instrument :
 BNA_F
 ClientSampleId :
 H-3

Tgt Ion:264	Resp:	341597
Ion Ratio	Lower	Upper
264	100	
260	24.6	18.6 28.0
265	21.3	17.0 25.6

