

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
 Data File : BF123622.D
 Acq On : 19 Apr 2021 14:57
 Operator : JU/CG
 Sample : M2050-12RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Apr 19 15:35:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 10:31:33 2021
 Response via : Initial Calibration

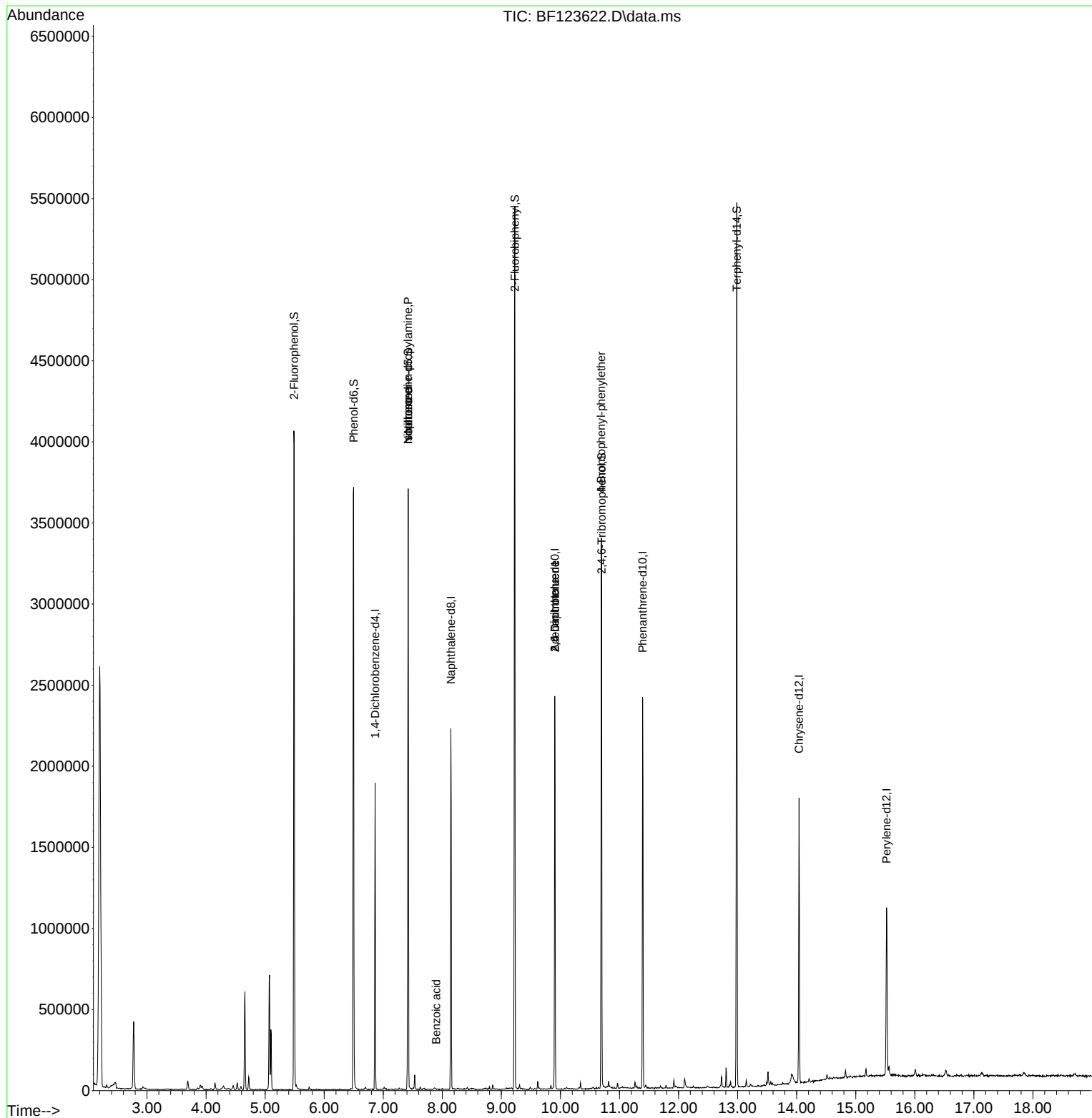
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	221137	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	878606	20.00	ng	-0.01
39) Acenaphthene-d10	9.904	164	442992	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	812984	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	560624	20.00	ng	-0.02
86) Perylene-d12	15.521	264	481327	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	942372	68.88	ng	0.01
7) Phenol-d6	6.498	99	1089995	57.49	ng	0.00
23) Nitrobenzene-d5	7.422	82	1015717	53.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	377079	75.17	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1573392	52.95	ng	-0.01
79) Terphenyl-d14	12.986	244	1626927	56.40	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	138375	11.02	ng	# 78
25) Isophorone	7.422	82	1015876	27.40	ng	# 69
32) Benzoic acid	7.898	122	430	4.59	ng	93
51) 2,6-Dinitrotoluene	9.904	165	59082	8.79	ng	# 12
57) 2,4-Dinitrotoluene	9.904	165	59082	6.58	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	21936	2.58	ng	# 1
89) Benzo(k)fluoranthene	15.092	252	249	Below Cal		# 1

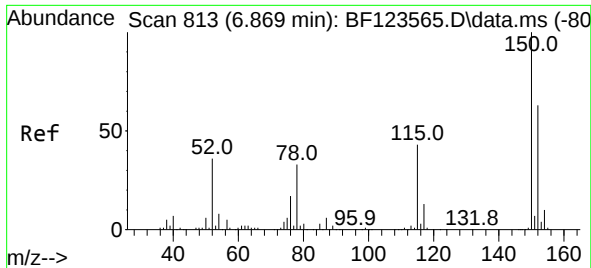
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

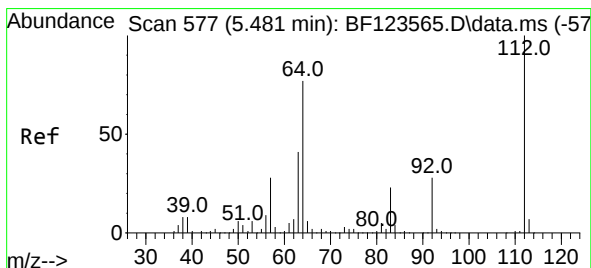
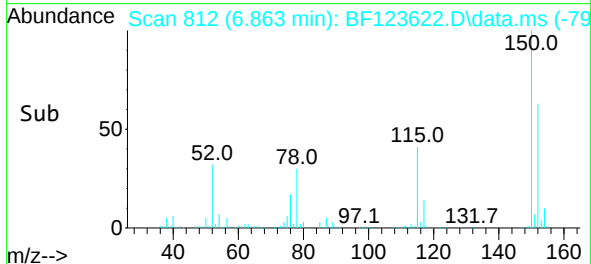
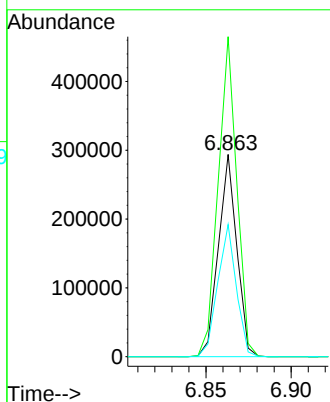
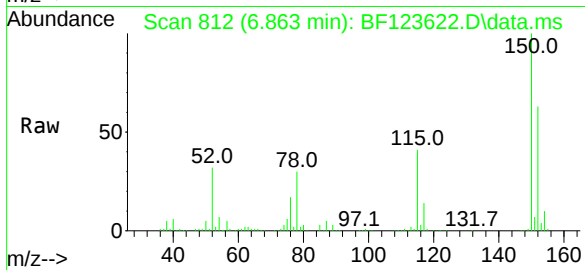




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

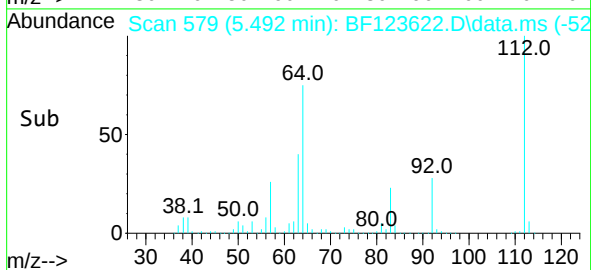
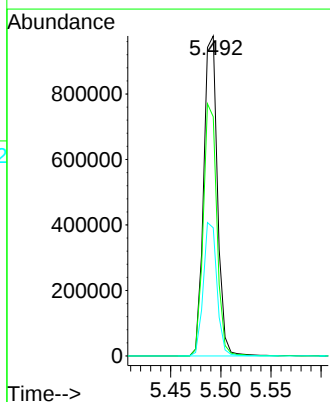
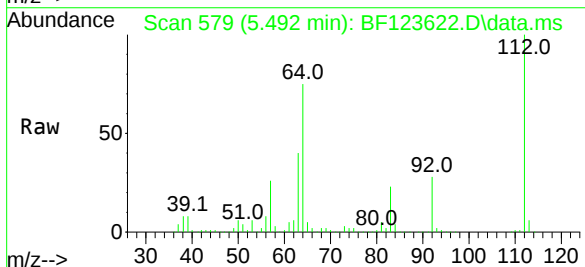
Instrument :
BNA_F
ClientSampleId :
TP-3

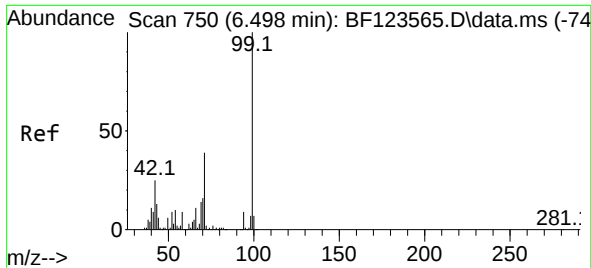
Tgt Ion:152 Resp: 221137
Ion Ratio Lower Upper
152 100
150 158.2 127.0 190.6
115 65.4 54.3 81.5



#5
2-Fluorophenol
Concen: 68.88 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

Tgt Ion:112 Resp: 942372
Ion Ratio Lower Upper
112 100
64 74.8 61.4 92.0
63 40.1 33.0 49.4



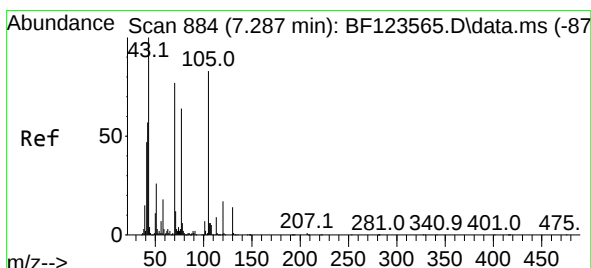
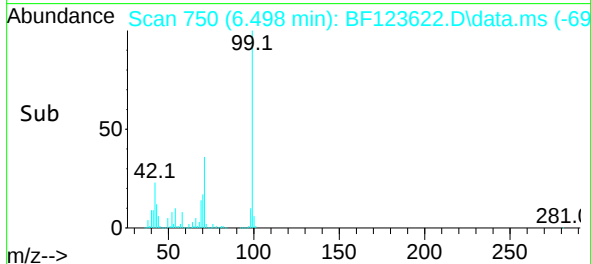
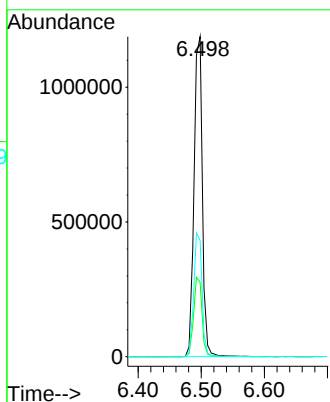
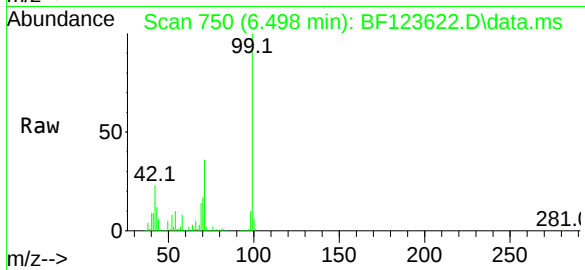


#7
Phenol-d6
Concen: 57.49 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 1089995

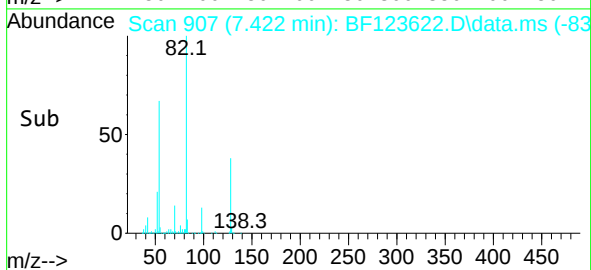
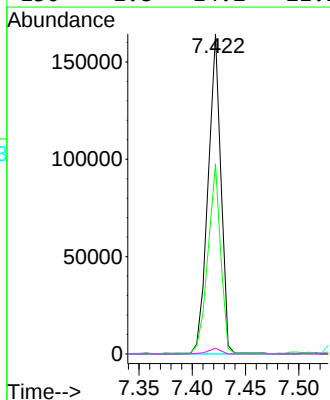
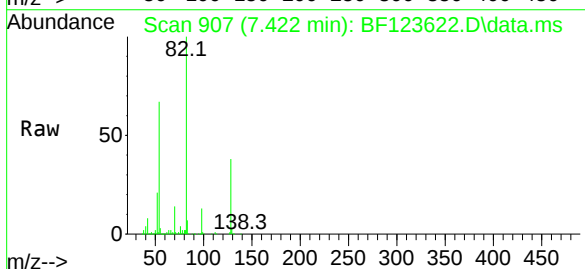
Ion	Ratio	Lower	Upper
99	100		
42	23.2	19.8	29.8
71	36.3	31.1	46.7

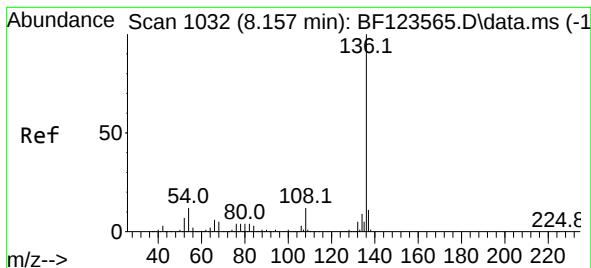


#19
n-Nitroso-di-n-propylamine
Concen: 11.02 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

Tgt Ion: 70 Resp: 138375

Ion	Ratio	Lower	Upper
70	100		
42	59.5	60.1	90.1#
101	0.0	7.4	11.2#
130	1.8	14.2	21.2#

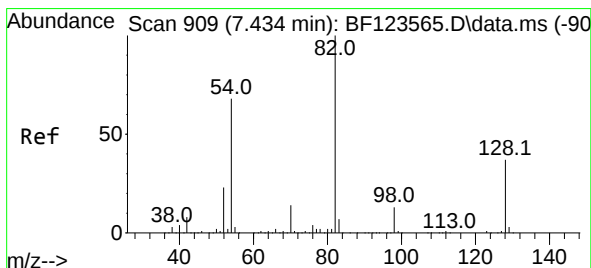
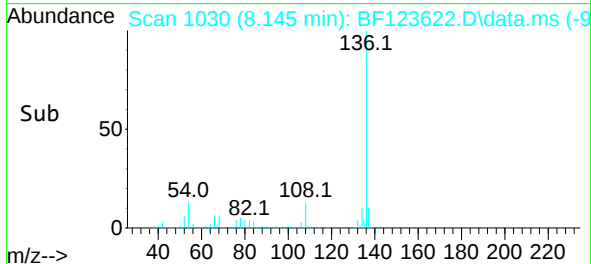
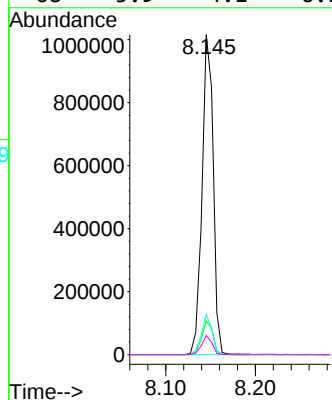
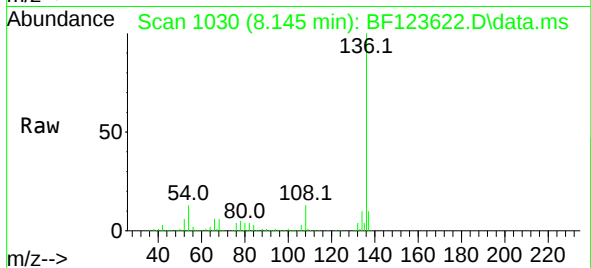




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

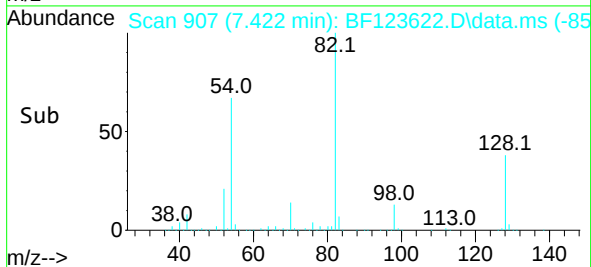
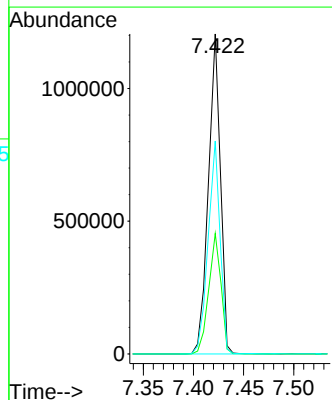
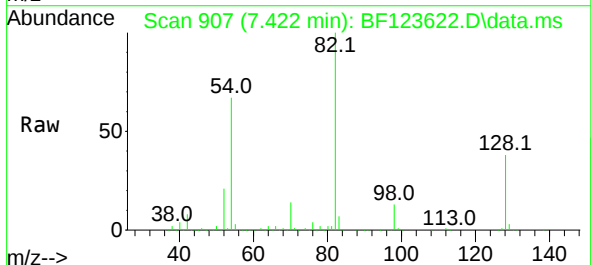
Instrument :
BNA_F
ClientSampleId :
TP-3

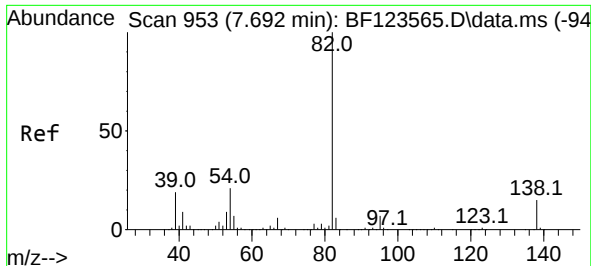
Tgt Ion:	136	Resp:	878606
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	12.6	9.8	14.6
68	5.9	4.1	6.1



#23
Nitrobenzene-d5
Concen: 53.15 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

Tgt Ion:	82	Resp:	1015717
Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.4	44.2
54	66.5	54.1	81.1

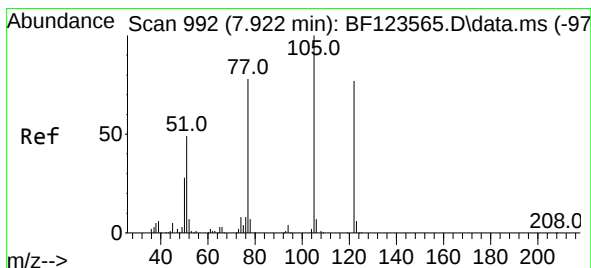
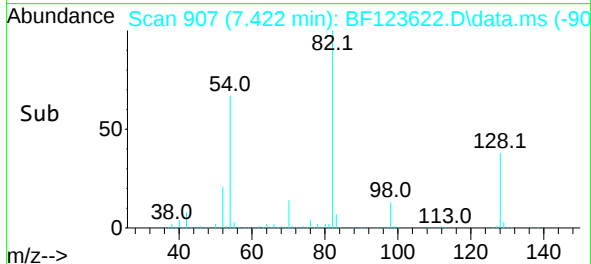
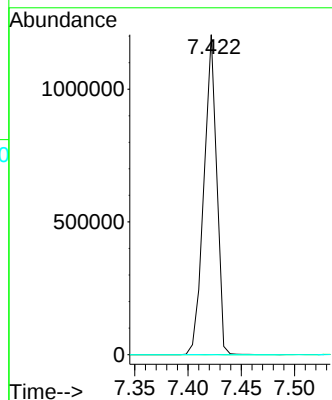
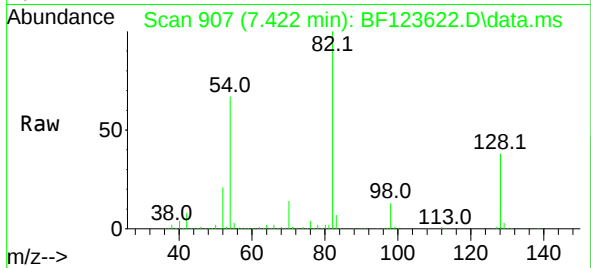




#25
Isophorone
Concen: 27.40 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.271 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

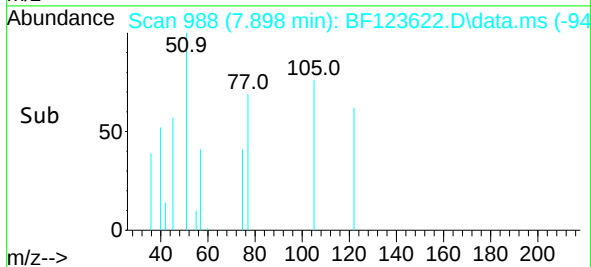
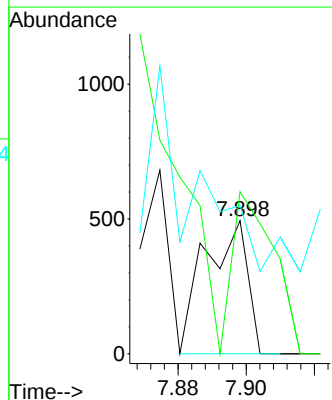
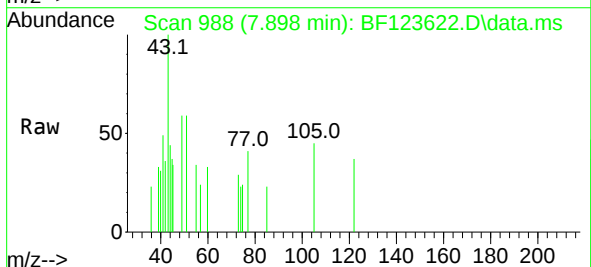
Instrument :
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ClientSampleId :
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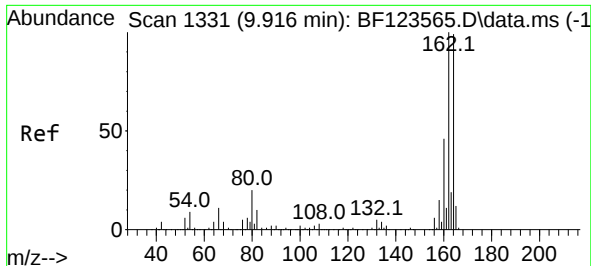
Tgt Ion: 82 Resp: 1015876
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.59 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.024 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

Tgt Ion: 122 Resp: 430
Ion Ratio Lower Upper
122 100
105 121.7 107.8 147.8
77 111.3 81.6 121.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.012 min

Lab File: BF123622.D

Acq: 19 Apr 2021 14:57

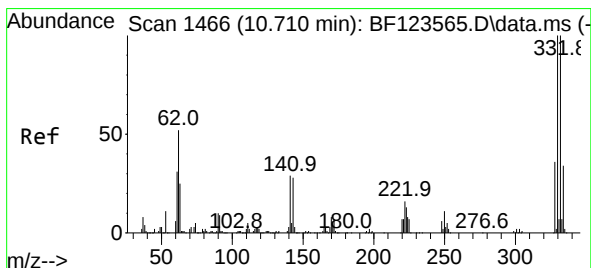
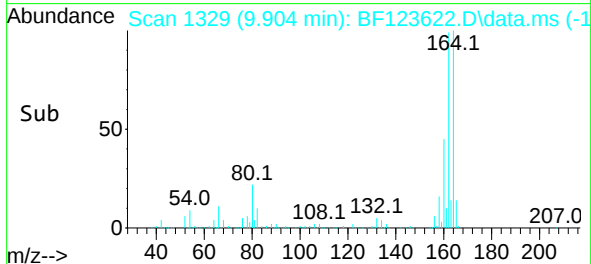
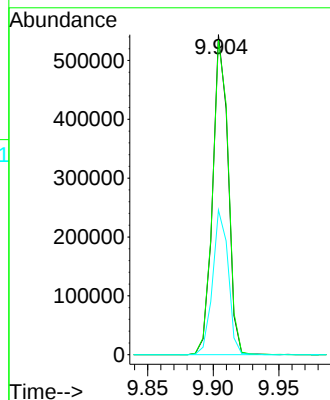
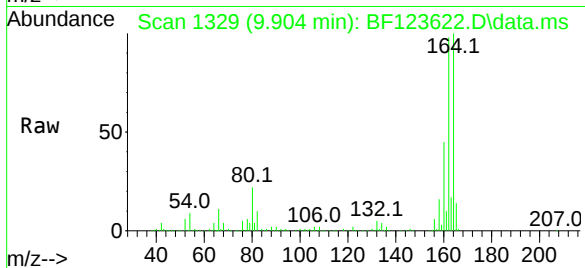
Tgt Ion:164 Resp: 442992

Ion Ratio Lower Upper

164 100

162 98.3 80.7 121.1

160 45.2 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 75.17 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.012 min

Lab File: BF123622.D

Acq: 19 Apr 2021 14:57

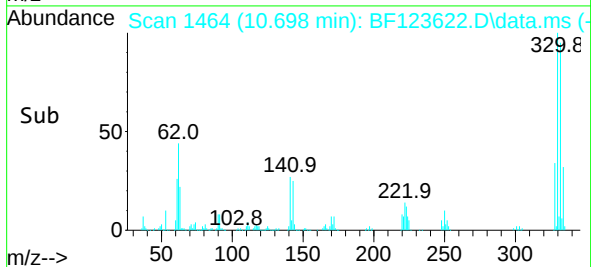
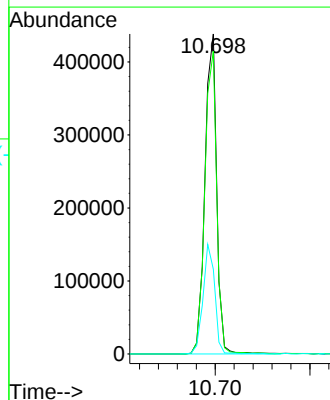
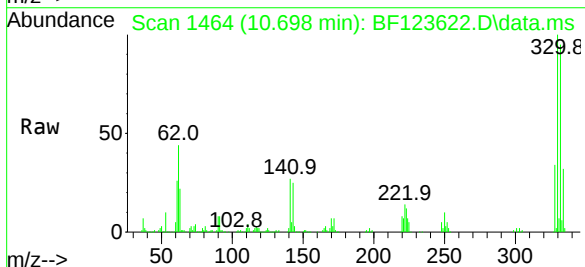
Tgt Ion:330 Resp: 377079

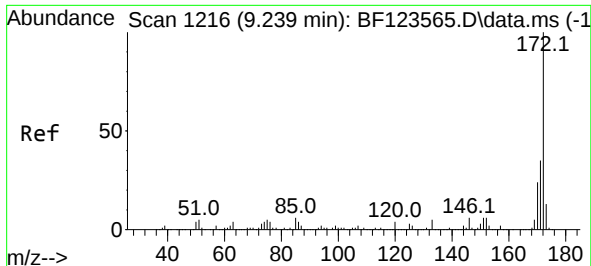
Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

141 34.5 27.9 41.9

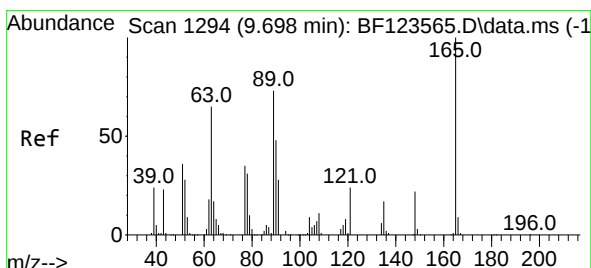
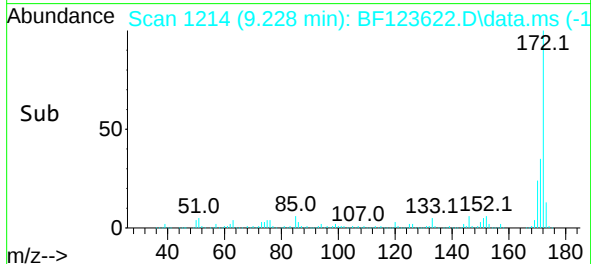
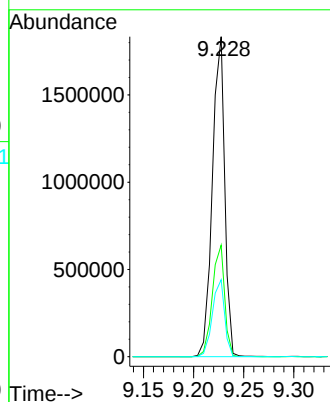
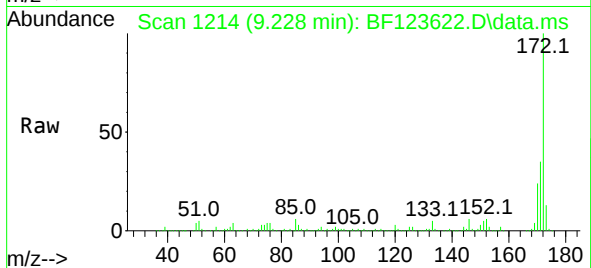




#45
2-Fluorobiphenyl
Concen: 52.95 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.012 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

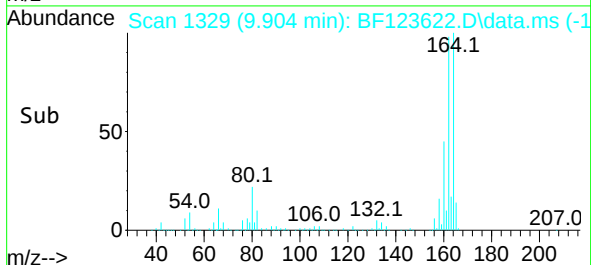
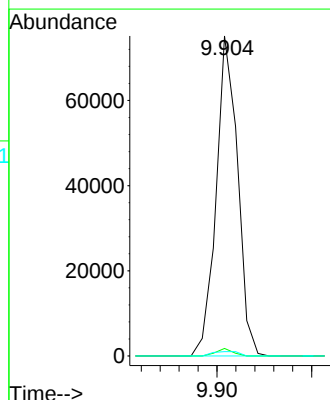
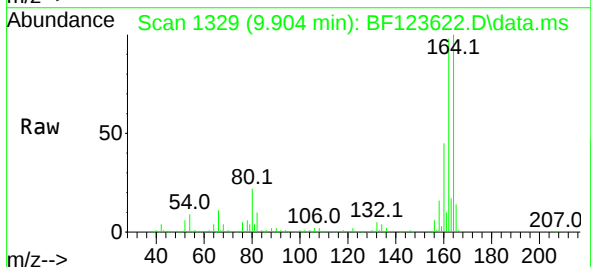
Instrument :
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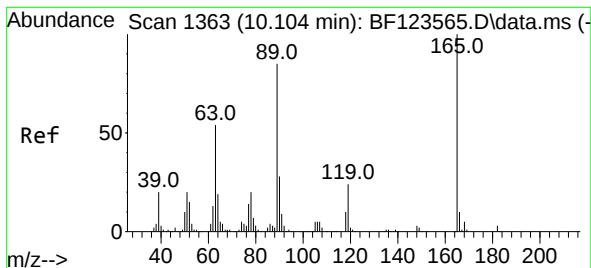
Tgt Ion:172 Resp: 1573392
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 24.0 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 8.79 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

Tgt Ion:165 Resp: 59082
Ion Ratio Lower Upper
165 100
63 2.4 67.7 101.5#
89 1.3 58.8 88.2#

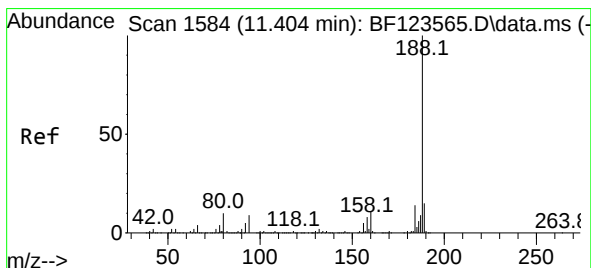
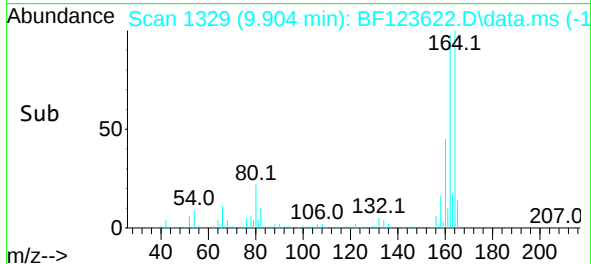
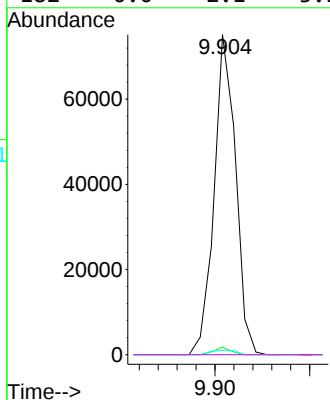
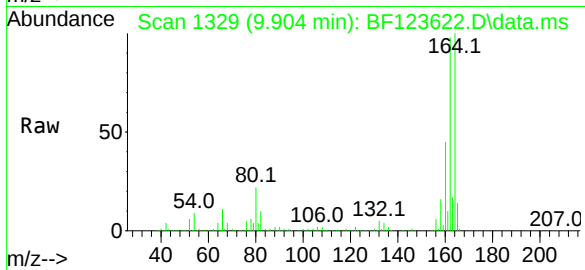




#57
2,4-Dinitrotoluene
Concen: 6.58 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.200 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

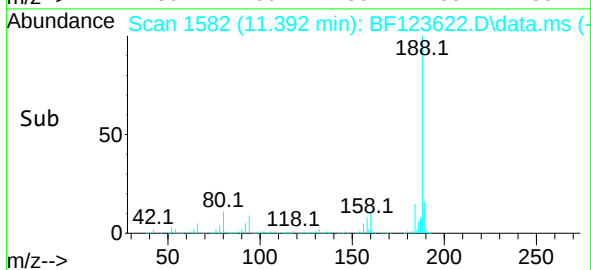
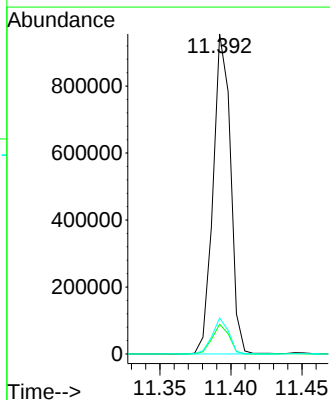
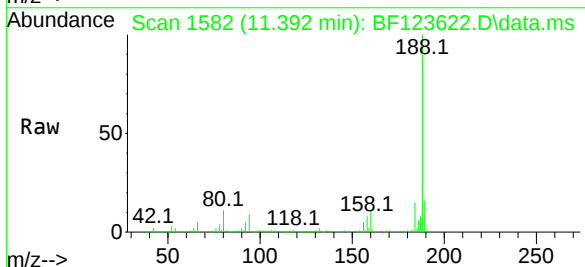
Instrument :
BNA_F
ClientSampleId :
TP-3

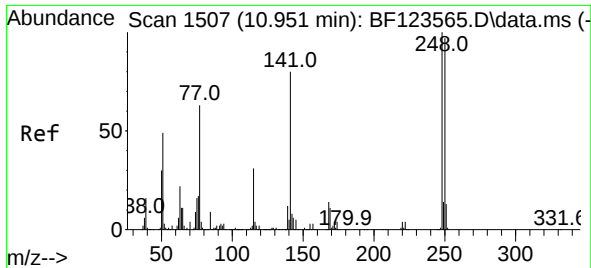
Tgt Ion:	165	Resp:	59082
Ion Ratio	Lower	Upper	
165	100		
63	2.4	43.5	65.3#
89	1.3	67.7	101.5#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

Tgt Ion:	188	Resp:	812984
Ion Ratio	Lower	Upper	
188	100		
94	9.3	6.9	10.3
80	11.2	8.2	12.2

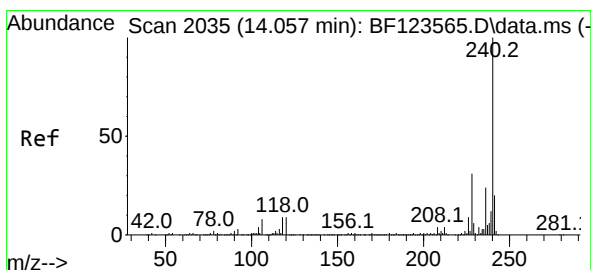
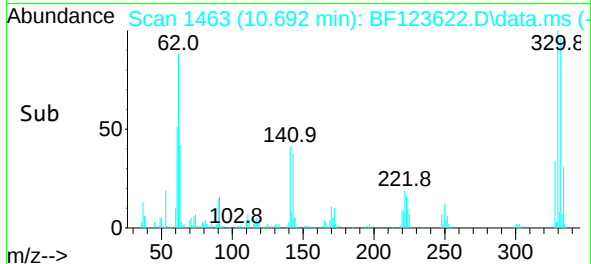
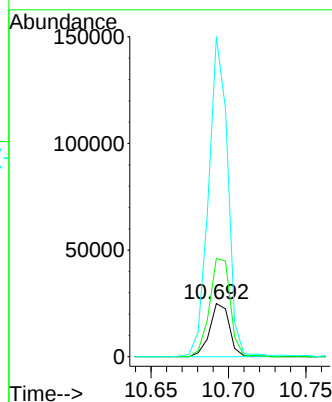
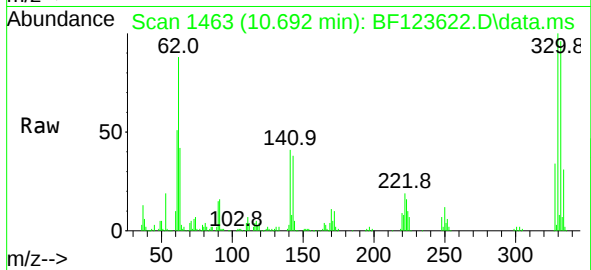




#67
4-Bromophenyl-phenylether
Concen: 2.58 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.259 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

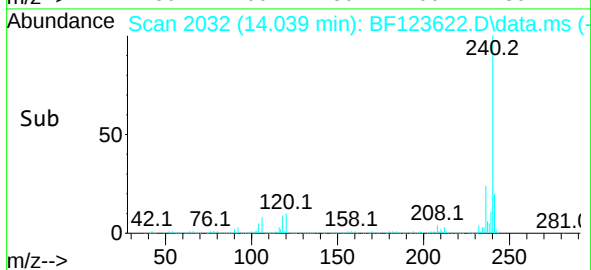
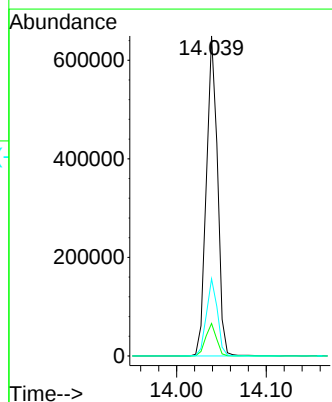
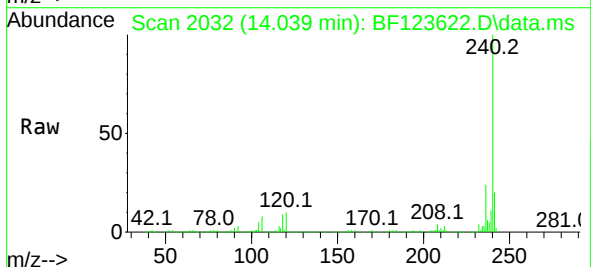
Instrument :
BNA_F
ClientSampleId :
TP-3

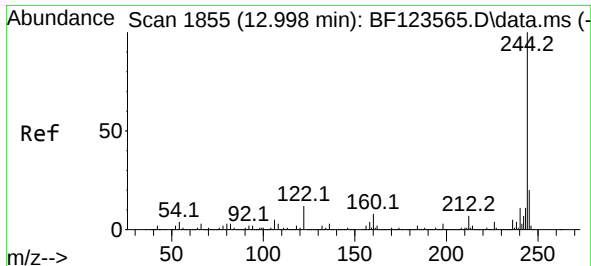
Tgt Ion:248 Resp: 21936
Ion Ratio Lower Upper
248 100
250 184.8 77.4 116.2#
141 602.1 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.018 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

Tgt Ion:240 Resp: 560624
Ion Ratio Lower Upper
240 100
120 10.2 7.2 10.8
236 24.1 19.0 28.4

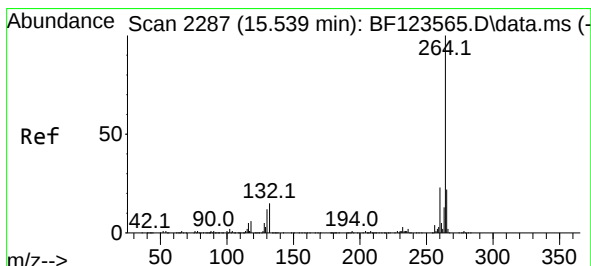
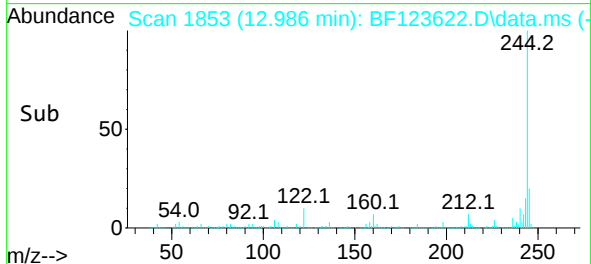
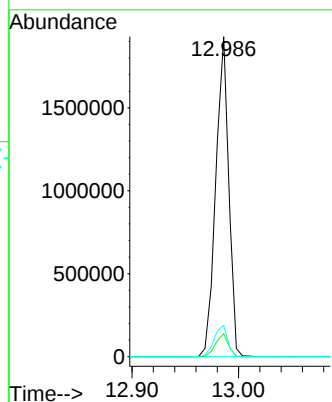
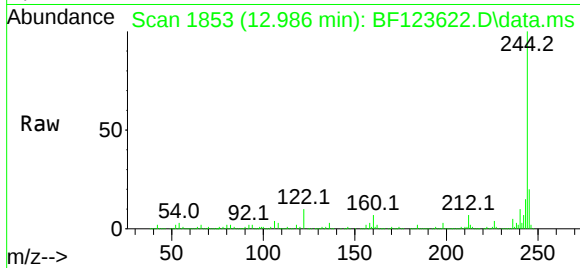




#79
Terphenyl-d14
Concen: 56.40 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:244 Resp: 1626927
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.8 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.018 min
Lab File: BF123622.D
Acq: 19 Apr 2021 14:57

Tgt Ion:264 Resp: 481327
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 20.5 17.8 26.8

