

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042321\
 Data File : BF123709.D
 Acq On : 23 Apr 2021 23:35
 Operator : JU/CG
 Sample : M2152-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-COMP

Quant Time: Apr 26 01:48:19 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 23 10:48:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

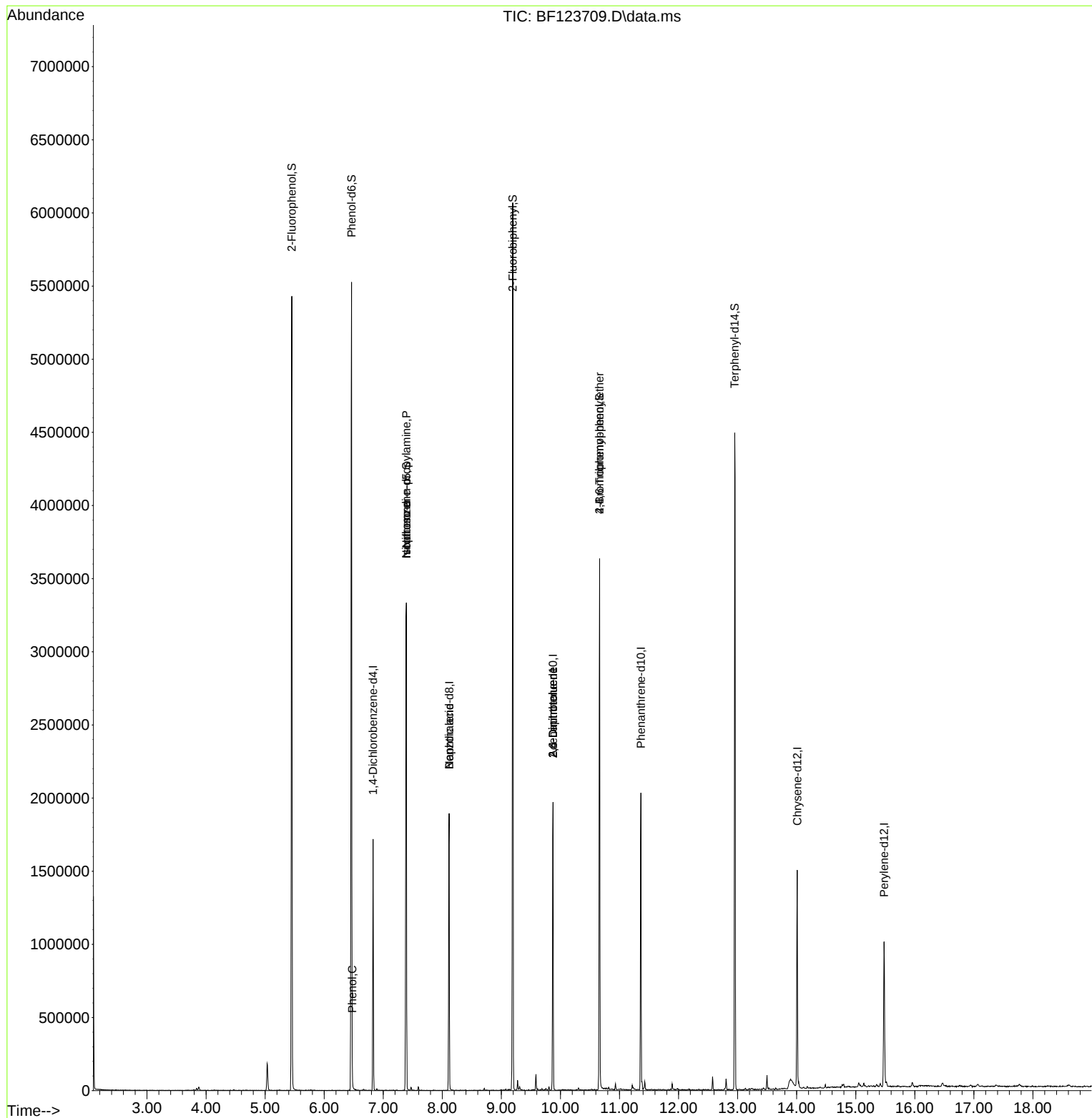
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	204255	20.00	ng	-0.01
21) Naphthalene-d8	8.116	136	777477	20.00	ng	-0.01
39) Acenaphthene-d10	9.874	164	369921	20.00	ng	-0.01
64) Phenanthrene-d10	11.363	188	694852	20.00	ng	-0.01
76) Chrysene-d12	14.009	240	471899	20.00	ng	-0.01
86) Perylene-d12	15.480	264	434565	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1205690	95.41	ng	0.00
7) Phenol-d6	6.463	99	1574047	89.88	ng	-0.01
23) Nitrobenzene-d5	7.392	82	1099035	64.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	391455	93.45	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1617892	65.20	ng	-0.01
79) Terphenyl-d14	12.951	244	1507258	62.08	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.475	94	37710	2.03	ng	87
19) n-Nitroso-di-n-propyla...	7.392	70	149314	12.87	ng	# 71
25) Isophorone	7.392	82	1097200	33.44	ng	# 69
32) Benzoic acid	8.116	122	147	4.56	ng	# 1
51) 2,6-Dinitrotoluene	9.874	165	47538	8.47	ng	# 12
57) 2,4-Dinitrotoluene	9.874	165	47538	6.34	ng	# 18
67) 4-Bromophenyl-phenylether	10.663	248	20961	2.89	ng	# 1
89) Benzo(k)fluoranthene	15.051	252	17734	Below Cal		# 90
92) Benzo(g,h,i)perylene	17.386	276	6586	Below Cal		99

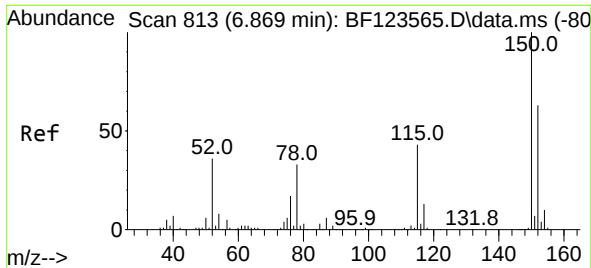
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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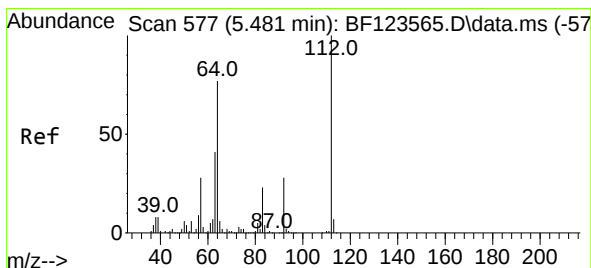
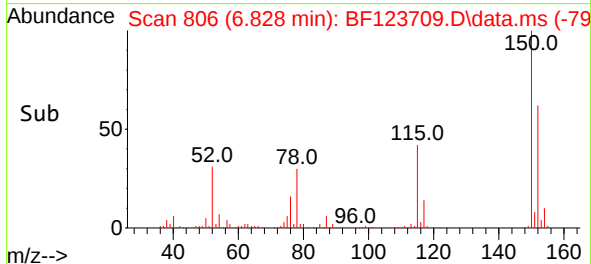
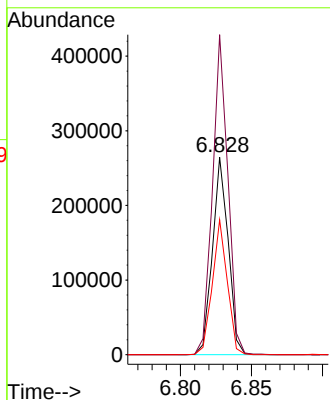
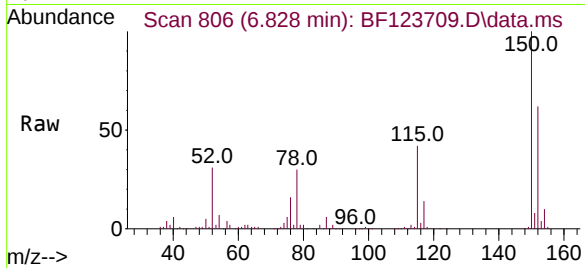




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.011 min
Lab File: BF123709.D
Acq: 23 Apr 2021 23:35

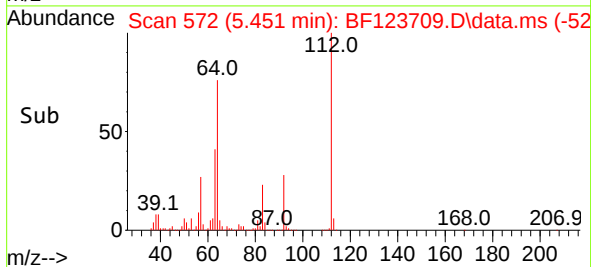
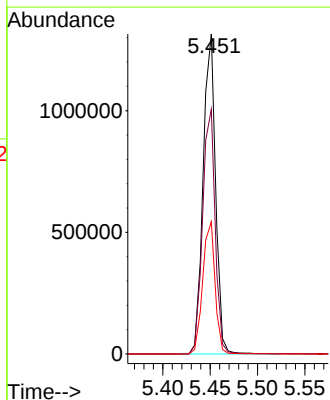
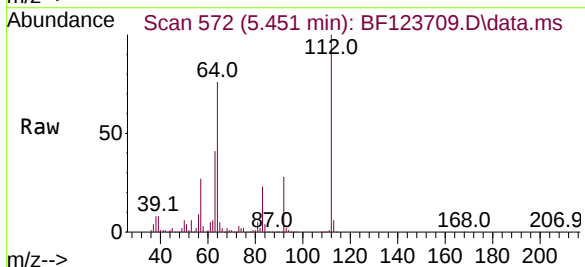
Instrument :
BNA_F
ClientSampleId :
TP-3-COMP

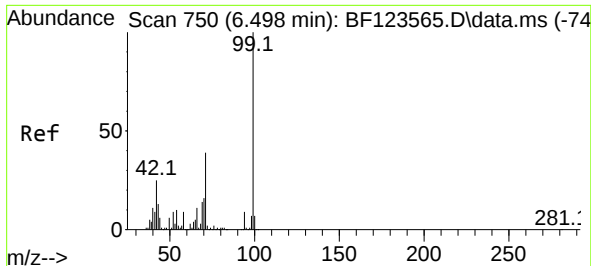
Tgt Ion:152 Resp: 204255
Ion Ratio Lower Upper
152 100
150 162.1 127.0 190.6
115 68.3 54.3 81.5



#5
2-Fluorophenol
Concen: 95.41 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF123709.D
Acq: 23 Apr 2021 23:35

Tgt Ion:112 Resp: 1205690
Ion Ratio Lower Upper
112 100
64 76.4 61.4 92.0
63 41.3 33.0 49.4

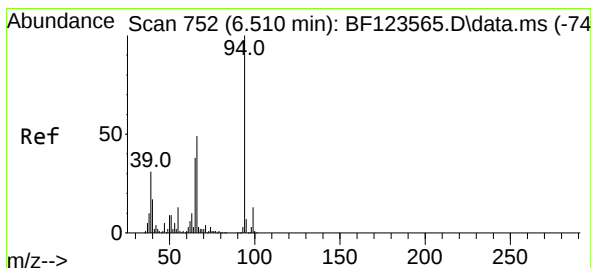
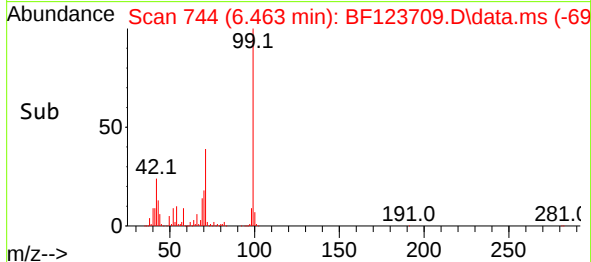
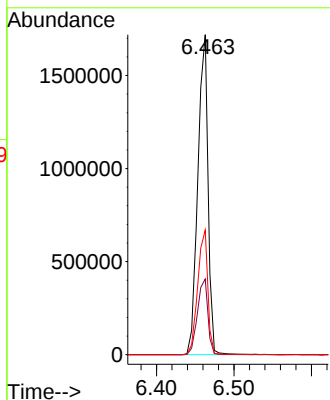
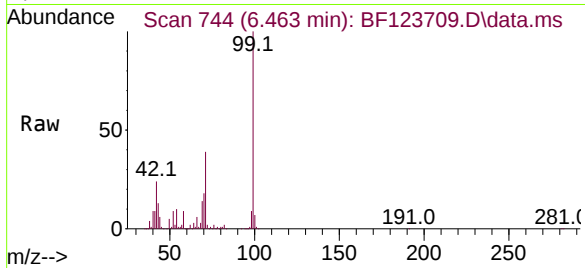




#7
Phenol-d6
Concen: 89.88 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF123709.D
Acq: 23 Apr 2021 23:35

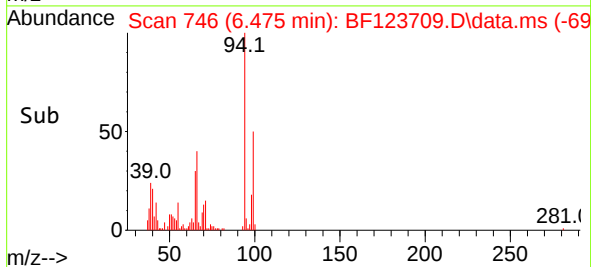
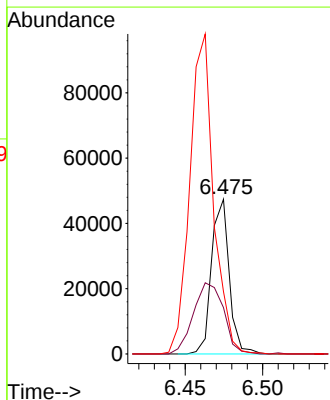
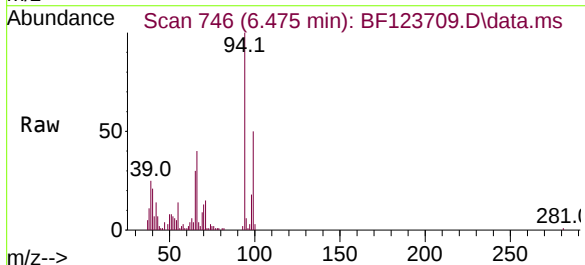
Instrument :
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ClientSampleId :
TP-3-COMP

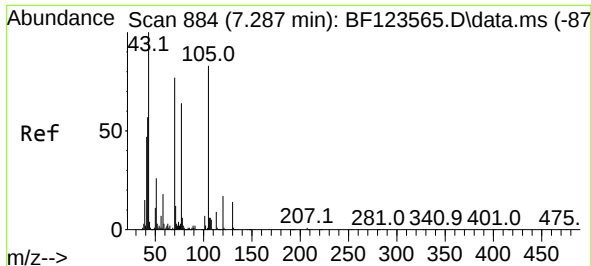
Tgt Ion: 99 Resp: 1574047
Ion Ratio Lower Upper
99 100
42 23.7 19.8 29.8
71 38.9 31.1 46.7



#10
Phenol
Concen: 2.03 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF123709.D
Acq: 23 Apr 2021 23:35

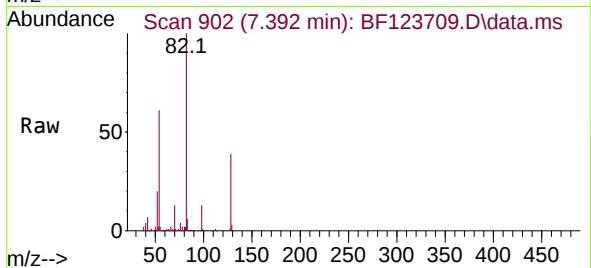
Tgt Ion: 94 Resp: 37710
Ion Ratio Lower Upper
94 100
65 30.0 18.1 58.1
66 40.3 29.0 69.0



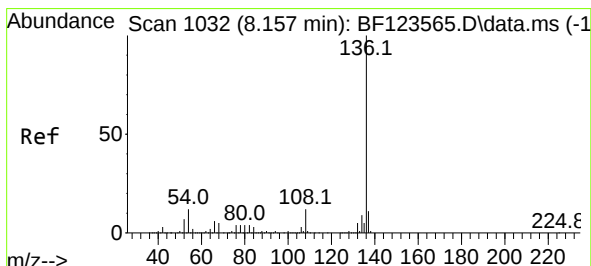
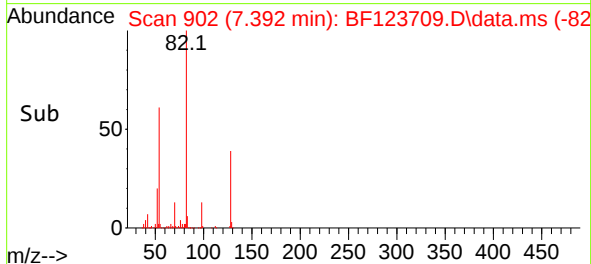
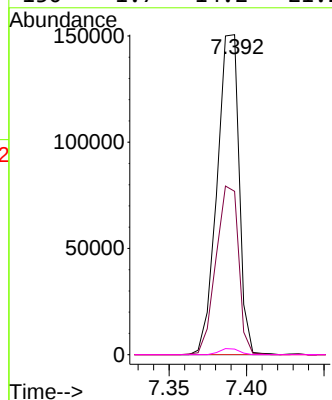


#19
n-Nitroso-di-n-propylamine
Concen: 12.87 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.135 min
Lab File: BF123709.D
Acq: 23 Apr 2021 23:35

Instrument :
BNA_F
ClientSampleId :
TP-3-COMP

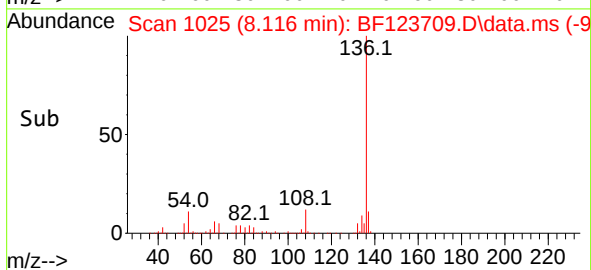
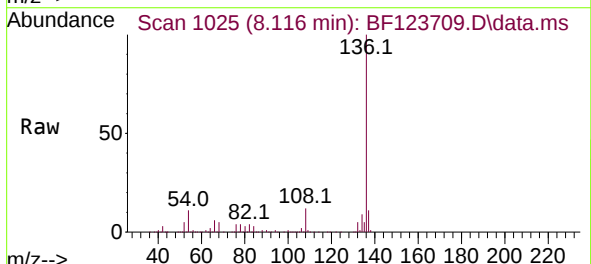
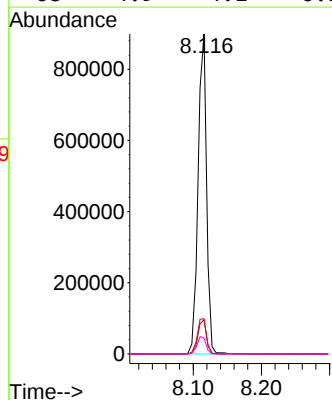


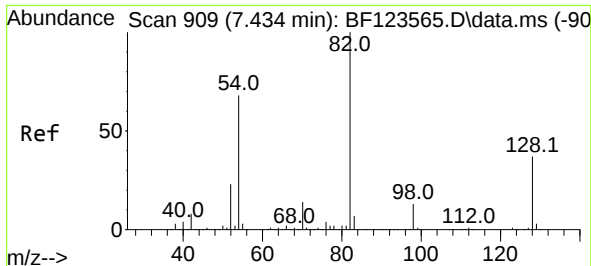
Tgt Ion: 70 Resp: 149314
Ion Ratio Lower Upper
70 100
42 51.1 60.1 90.1#
101 0.0 7.4 11.2#
130 1.7 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF123709.D
Acq: 23 Apr 2021 23:35

Tgt Ion: 136 Resp: 777477
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 11.0 9.8 14.6
68 4.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 64.99 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.012 min

Lab File: BF123709.D

Acq: 23 Apr 2021 23:35

Tgt Ion: 82 Resp: 1099035

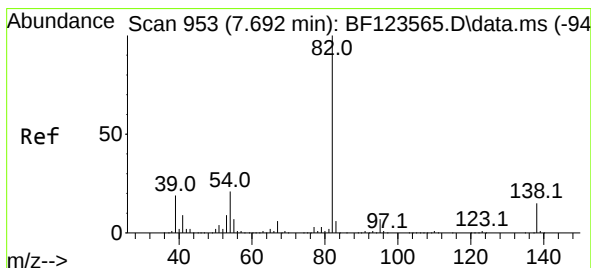
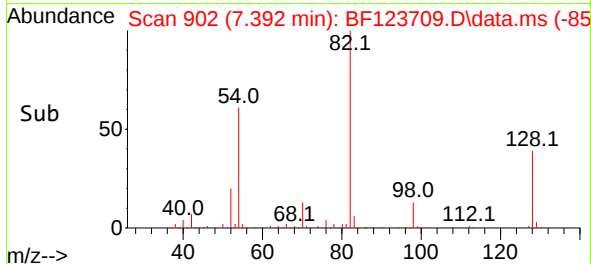
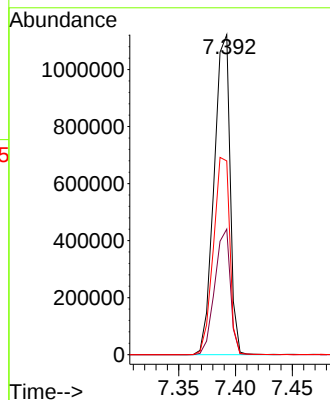
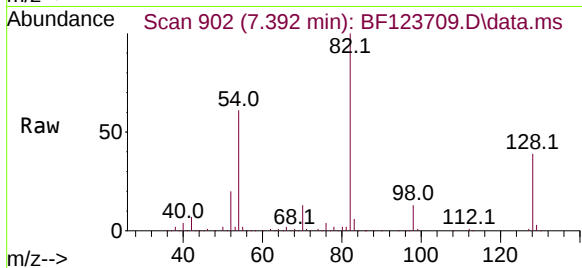
Ion	Ratio	Lower	Upper
82	100		
128	39.3	29.4	44.2
54	60.5	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

TP-3-COMP



#25

Isophorone

Concen: 33.44 ng

RT: 7.392 min Scan# 902

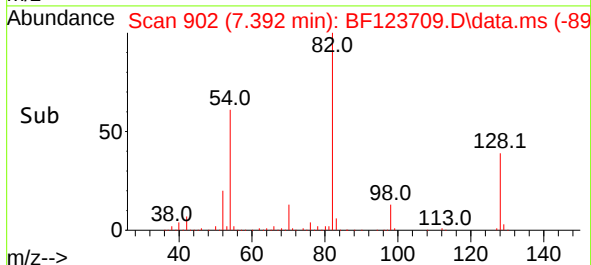
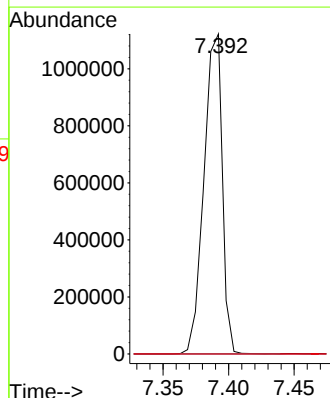
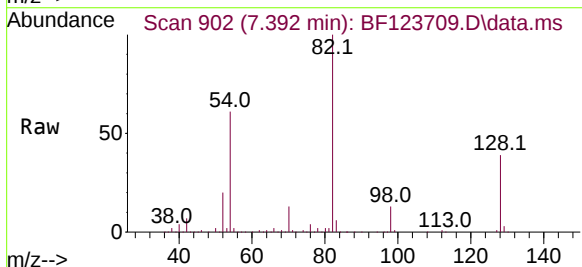
Delta R.T. -0.271 min

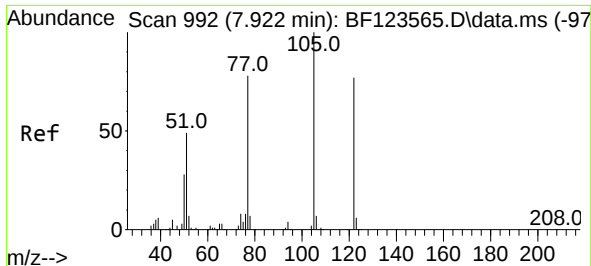
Lab File: BF123709.D

Acq: 23 Apr 2021 23:35

Tgt Ion: 82 Resp: 1097200

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

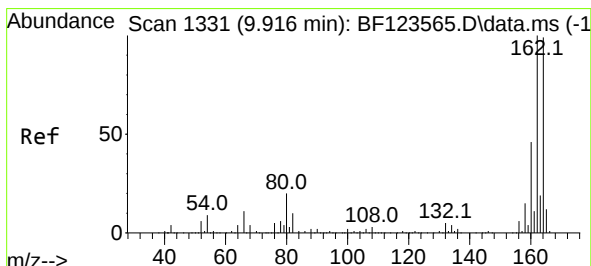
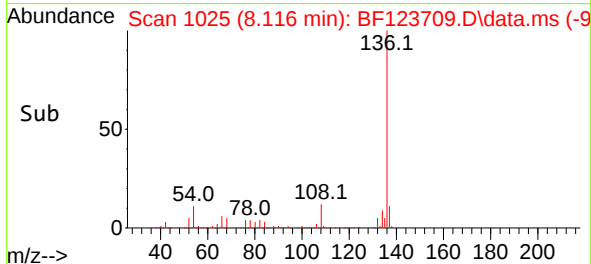
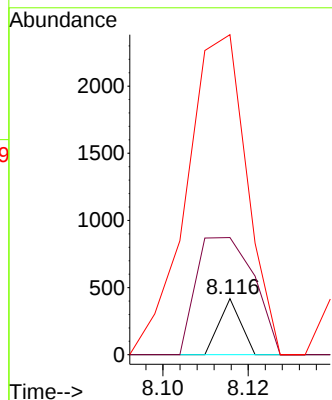
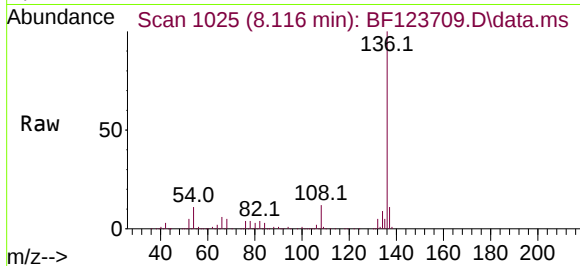




#32
Benzoic acid
Concen: 4.56 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.218 min
Lab File: BF123709.D
Acq: 23 Apr 2021 23:35

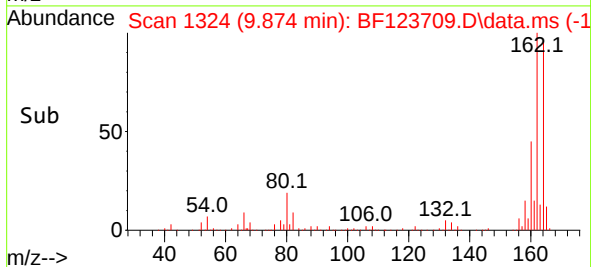
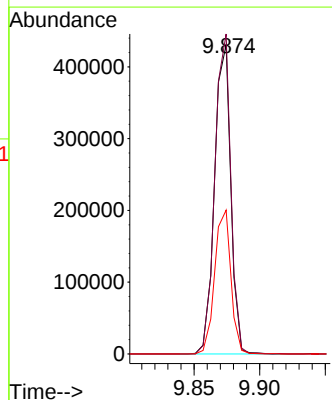
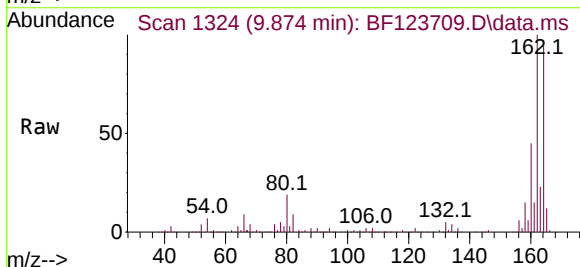
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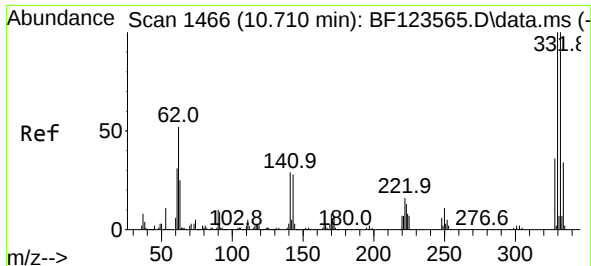
Tgt Ion:122 Resp: 147
Ion Ratio Lower Upper
122 100
105 208.9 107.8 147.8#
77 570.1 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF123709.D
Acq: 23 Apr 2021 23:35

Tgt Ion:164 Resp: 369921
Ion Ratio Lower Upper
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162 103.5 80.7 121.1
160 46.5 37.3 55.9

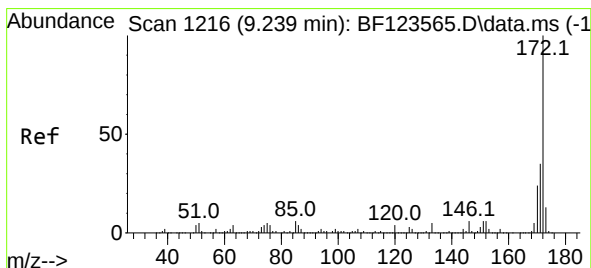
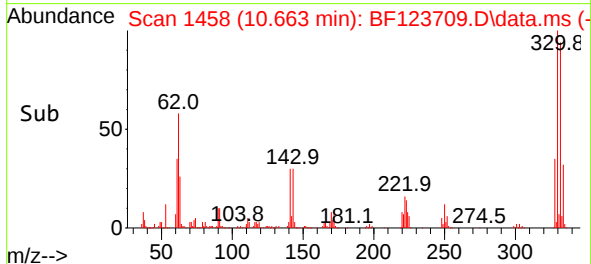
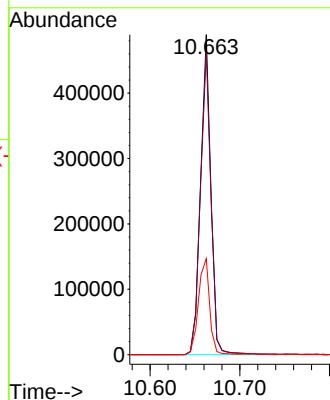
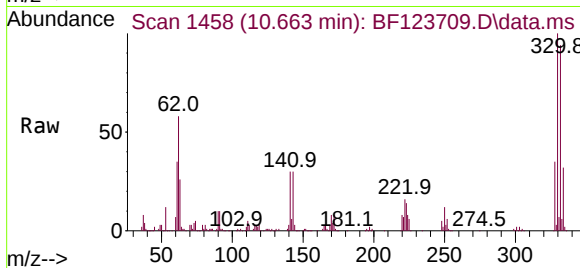




#42
2,4,6-Tribromophenol
Concen: 93.45 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF123709.D
Acq: 23 Apr 2021 23:35

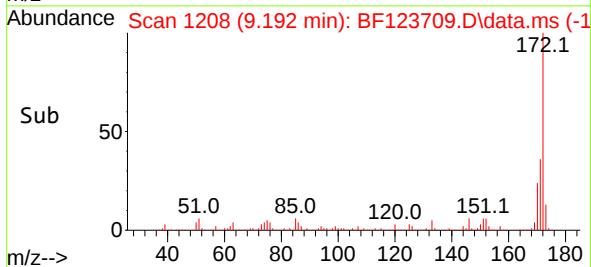
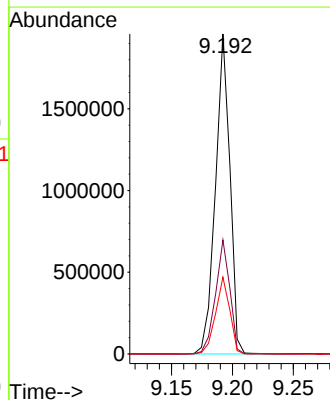
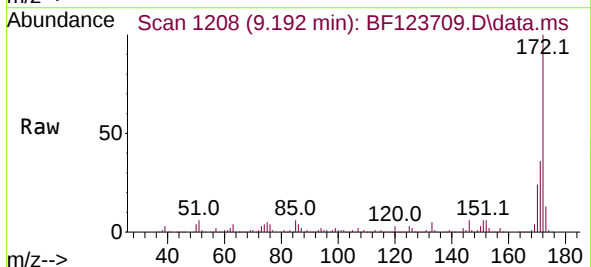
Instrument :
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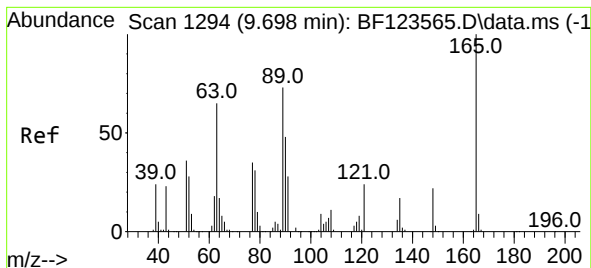
Tgt Ion: 330 Resp: 391455
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 32.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 65.20 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF123709.D
Acq: 23 Apr 2021 23:35

Tgt Ion: 172 Resp: 1617892
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 24.0 19.2 28.8

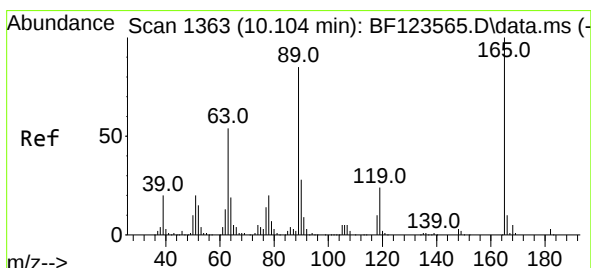
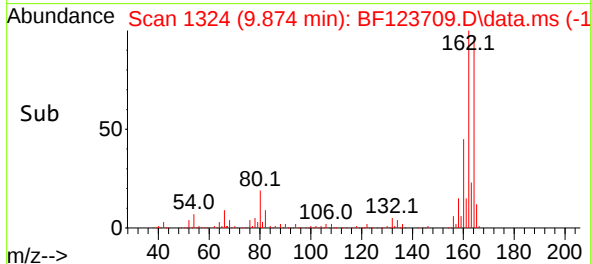
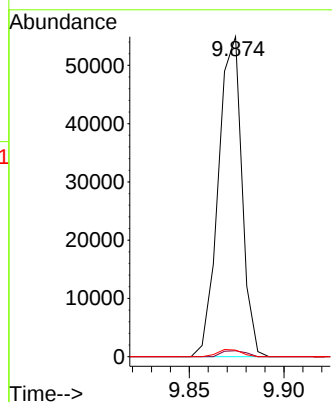
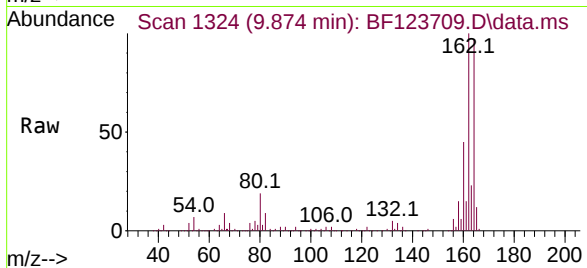




#51
2,6-Dinitrotoluene
Concen: 8.47 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF123709.D
Acq: 23 Apr 2021 23:35

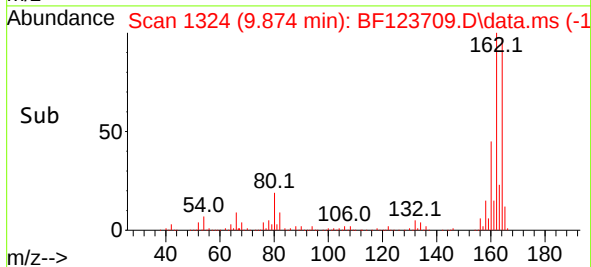
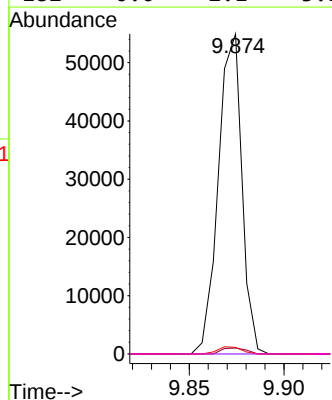
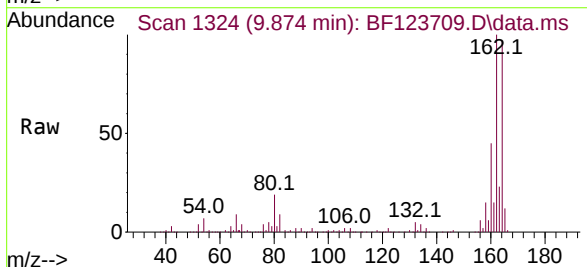
Instrument :
BNA_F
ClientSampleId :
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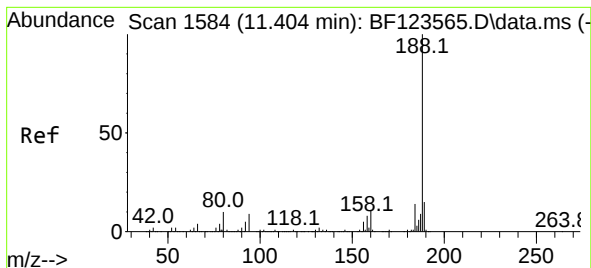
Tgt Ion:165 Resp: 47538
Ion Ratio Lower Upper
165 100
63 1.8 67.7 101.5#
89 2.1 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.34 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.200 min
Lab File: BF123709.D
Acq: 23 Apr 2021 23:35

Tgt Ion:165 Resp: 47538
Ion Ratio Lower Upper
165 100
63 1.8 43.5 65.3#
89 2.1 67.7 101.5#
182 0.0 2.1 3.1#

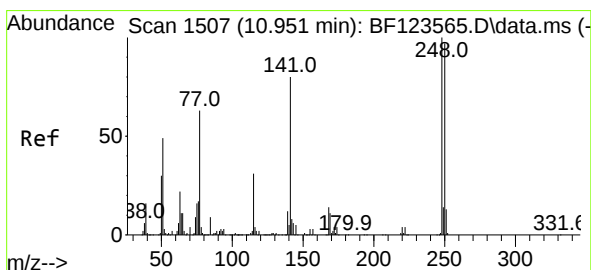
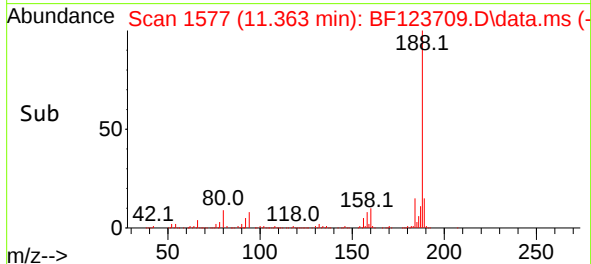
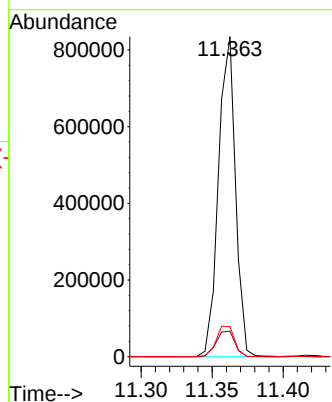
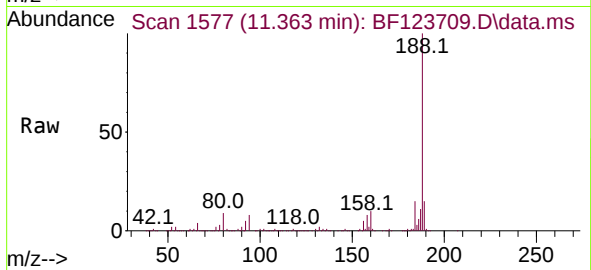




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF123709.D
Acq: 23 Apr 2021 23:35

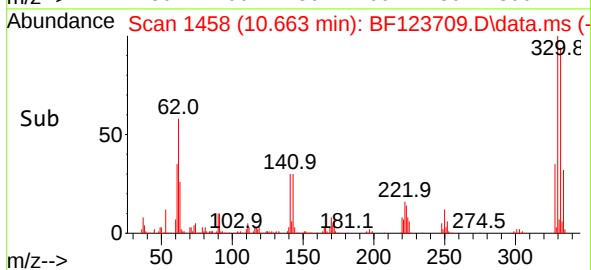
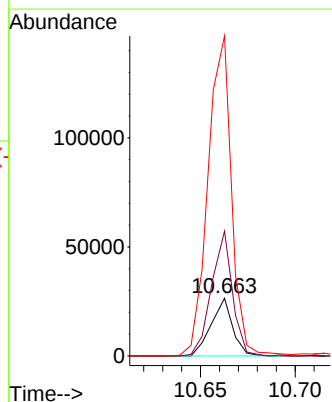
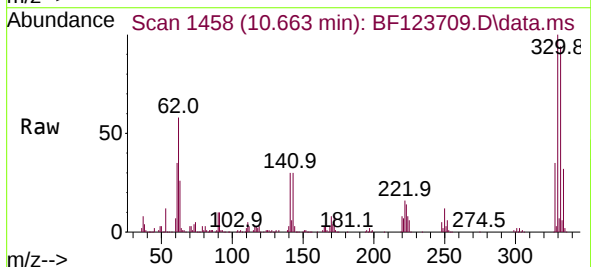
Instrument :
BNA_F
ClientSampleId :
TP-3-COMP

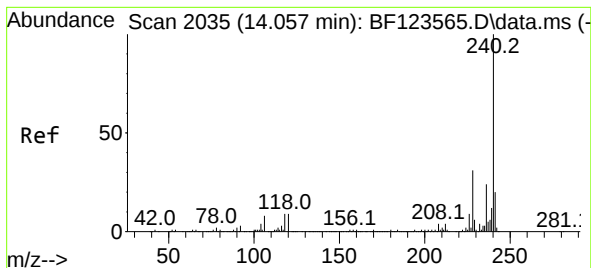
Tgt Ion:188	Resp:	694852
Ion Ratio	Lower	Upper
188	100	
94	8.0	6.9 10.3
80	9.4	8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 2.89 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.253 min
Lab File: BF123709.D
Acq: 23 Apr 2021 23:35

Tgt Ion:248	Resp:	20961
Ion Ratio	Lower	Upper
248	100	
250	216.0	77.4 116.2#
141	553.9	63.7 95.5#

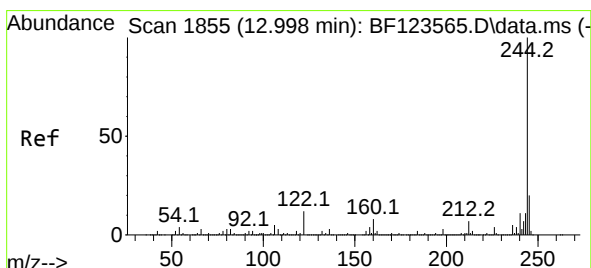
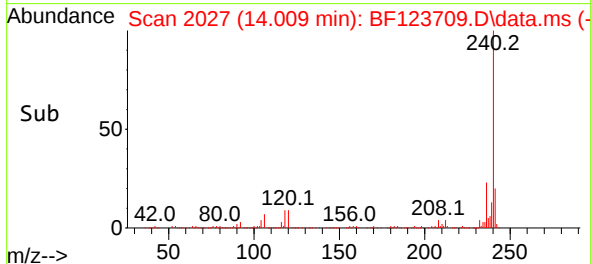
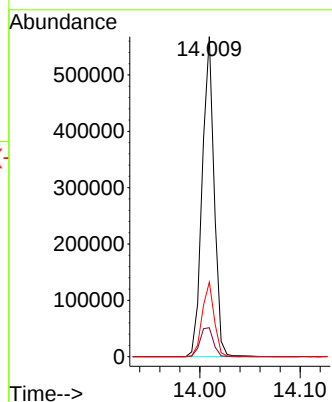
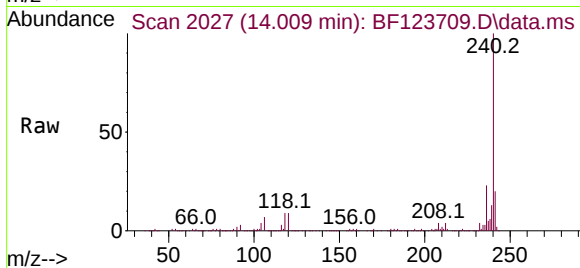




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF123709.D
Acq: 23 Apr 2021 23:35

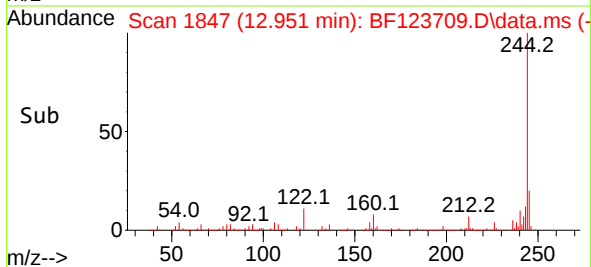
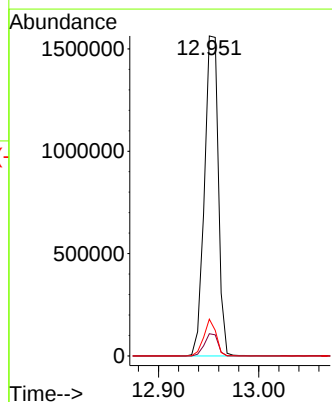
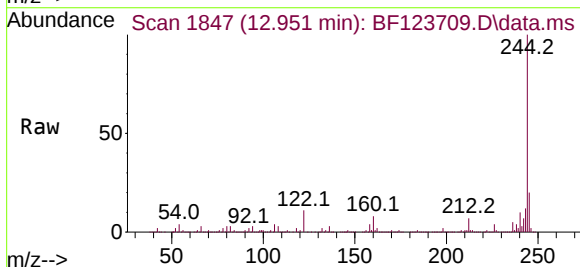
Instrument :
BNA_F
ClientSampleId :
TP-3-COMP

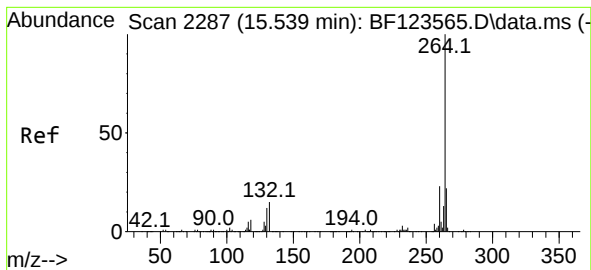
Tgt Ion:240 Resp: 471899
Ion Ratio Lower Upper
240 100
120 9.0 7.2 10.8
236 23.3 19.0 28.4



#79
Terphenyl-d14
Concen: 62.08 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BF123709.D
Acq: 23 Apr 2021 23:35

Tgt Ion:244 Resp: 1507258
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 11.5 9.7 14.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.012 min
Lab File: BF123709.D
Acq: 23 Apr 2021 23:35

Instrument :
BNA_F
ClientSampleId :
TP-3-COMP

Tgt Ion:264 Resp: 434565

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.4	17.8	26.8

