

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042321\
 Data File : BF123707.D
 Acq On : 23 Apr 2021 22:31
 Operator : JU/CG
 Sample : M2151-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-9

Quant Time: Apr 26 01:48:00 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)

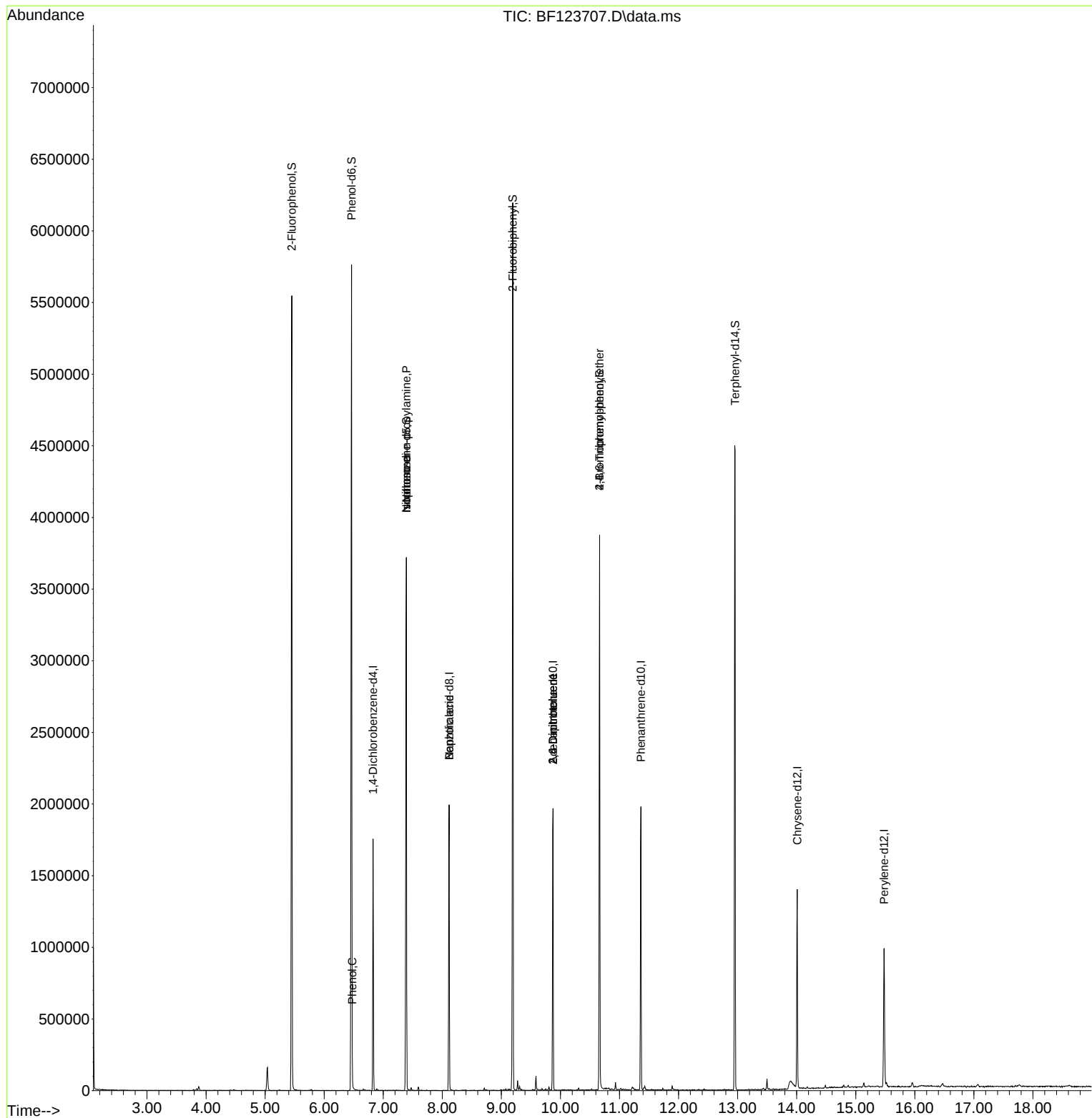
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	210610	20.00	ng	-0.01
21) Naphthalene-d8	8.116	136	782547	20.00	ng	-0.01
39) Acenaphthene-d10	9.874	164	381457	20.00	ng	-0.01
64) Phenanthrene-d10	11.363	188	699745	20.00	ng	-0.01
76) Chrysene-d12	14.009	240	451417	20.00	ng	-0.01
86) Perylene-d12	15.480	264	426386	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1234763	94.76	ng	0.00
7) Phenol-d6	6.463	99	1633477	90.46	ng	-0.01
23) Nitrobenzene-d5	7.392	82	1143953	67.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	407330	94.30	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1687042	65.93	ng	-0.01
79) Terphenyl-d14	12.957	244	1546039	66.56	ng	0.00
Target Compounds						
10) Phenol	6.475	94	41508	2.16	ng	Qvalue 90
19) n-Nitroso-di-n-propyla...	7.392	70	154816	12.94	ng	# 73
25) Isophorone	7.392	82	1143778	34.63	ng	# 69
32) Benzoic acid	8.116	122	128	4.56	ng	# 1
51) 2,6-Dinitrotoluene	9.874	165	48642	8.41	ng	# 11
57) 2,4-Dinitrotoluene	9.874	165	48642	6.30	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	23302	3.19	ng	# 1
89) Benzo(k)fluoranthene	15.045	252	1166	Below Cal		# 60
92) Benzo(g,h,i)perylene	17.386	276	303	Below Cal		# 56

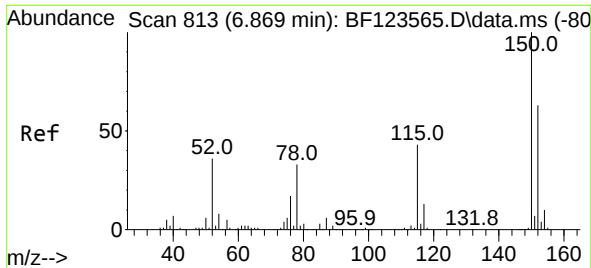
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042321\
Data File : BF123707.D
Acq On : 23 Apr 2021 22:31
Operator : JU/CG
Sample : M2151-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-9

Quant Time: Apr 26 01:48:00 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

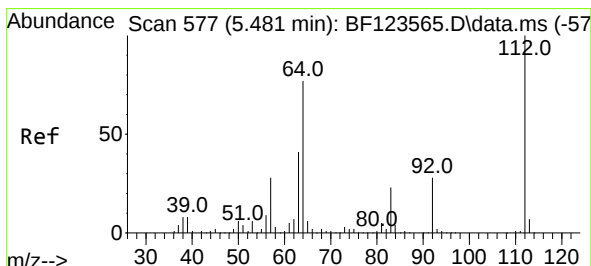
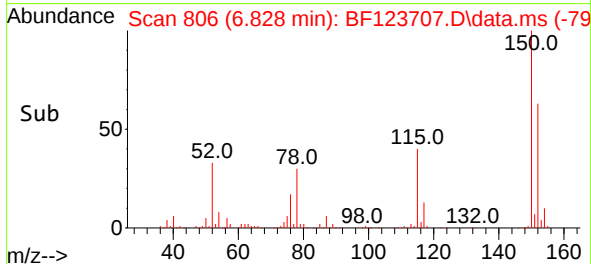
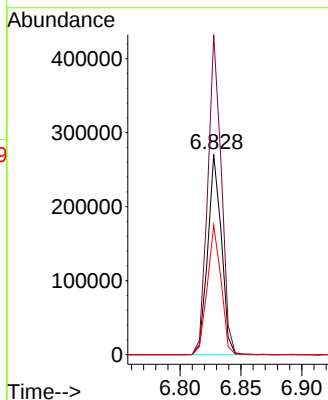
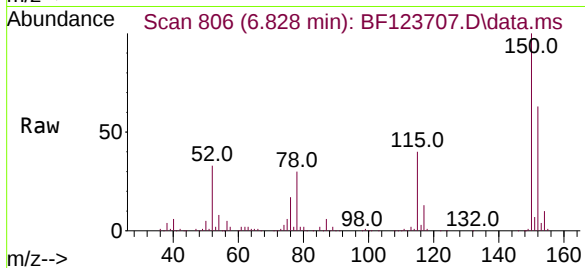




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.011 min
Lab File: BF123707.D
Acq: 23 Apr 2021 22:31

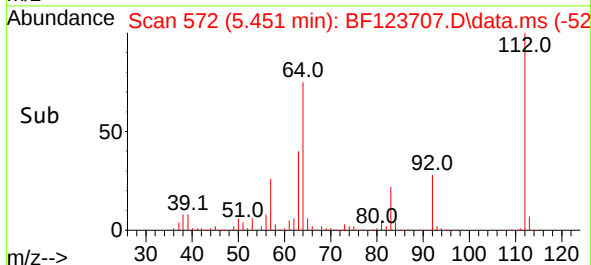
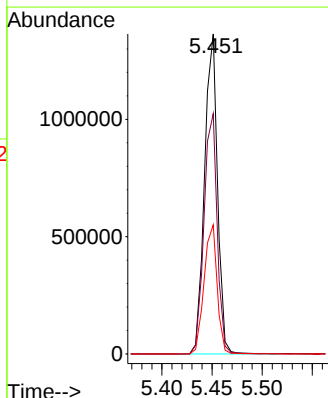
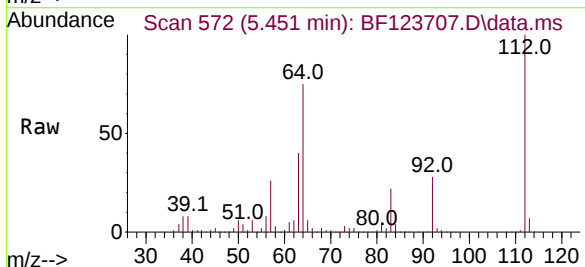
Instrument :
BNA_F
ClientSampleId :
PE-9

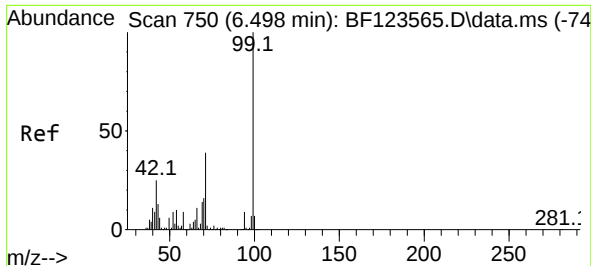
Tgt Ion:152 Resp: 210610
Ion Ratio Lower Upper
152 100
150 159.7 127.0 190.6
115 64.6 54.3 81.5



#5
2-Fluorophenol
Concen: 94.76 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF123707.D
Acq: 23 Apr 2021 22:31

Tgt Ion:112 Resp: 1234763
Ion Ratio Lower Upper
112 100
64 75.1 61.4 92.0
63 40.4 33.0 49.4



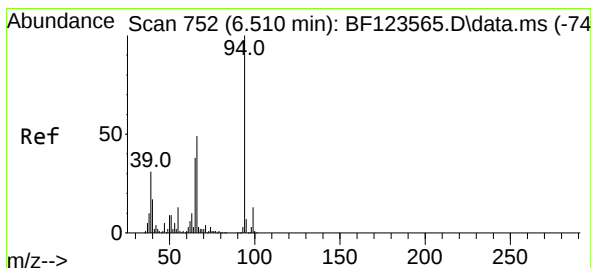
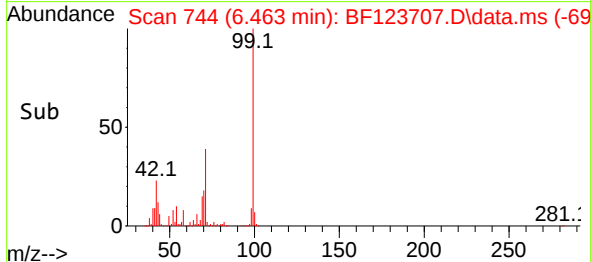
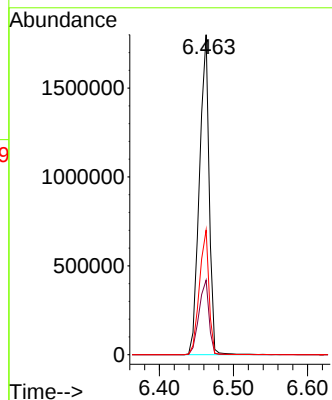
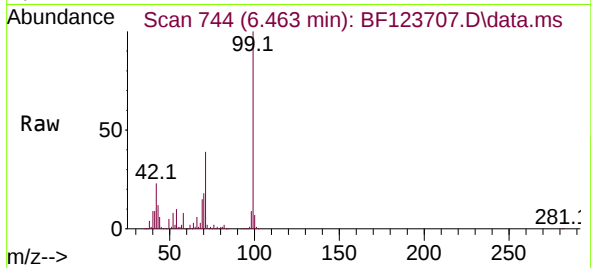


#7
Phenol-d6
Concen: 90.46 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF123707.D
Acq: 23 Apr 2021 22:31

Instrument :
BNA_F
ClientSampleId :
PE-9

Tgt Ion: 99 Resp: 1633477

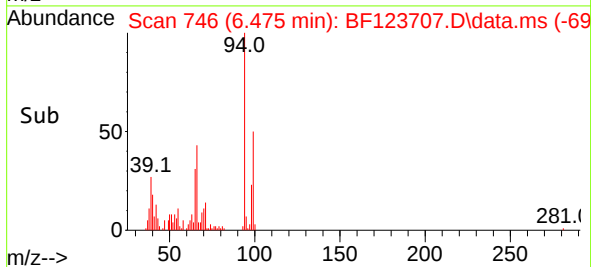
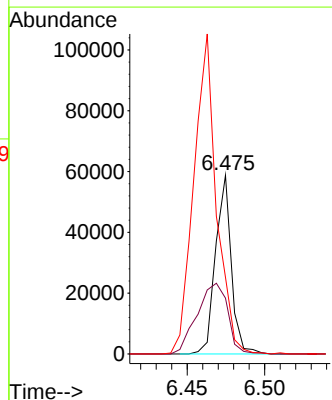
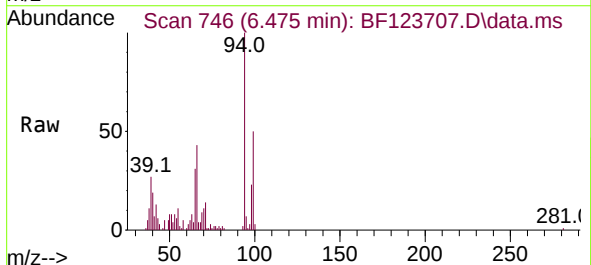
Ion	Ratio	Lower	Upper
99	100		
42	23.3	19.8	29.8
71	39.0	31.1	46.7

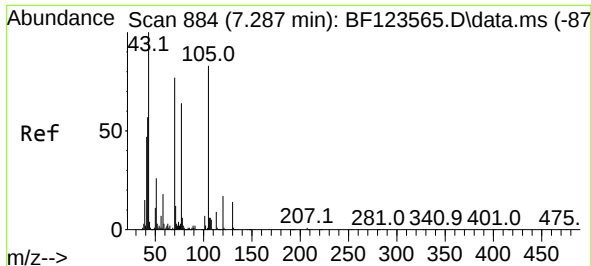


#10
Phenol
Concen: 2.16 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF123707.D
Acq: 23 Apr 2021 22:31

Tgt Ion: 94 Resp: 41508

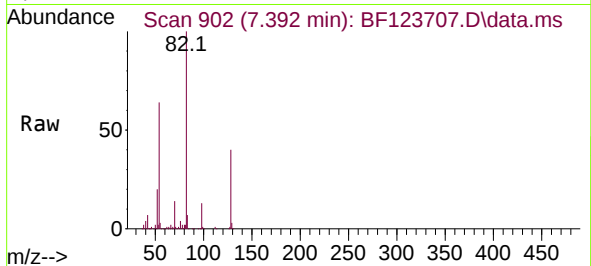
Ion	Ratio	Lower	Upper
94	100		
65	31.3	18.1	58.1
66	42.8	29.0	69.0



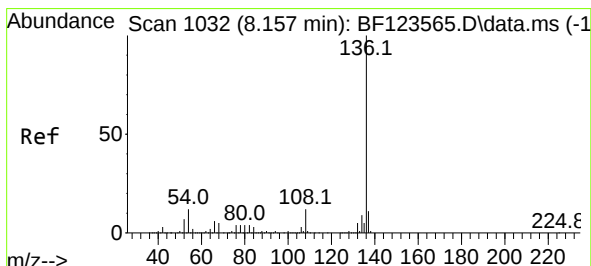
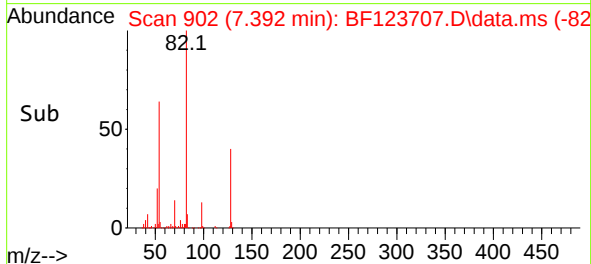
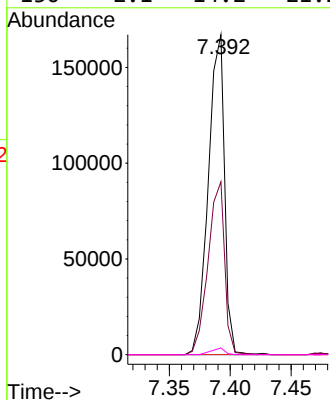


#19
n-Nitroso-di-n-propylamine
Concen: 12.94 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.135 min
Lab File: BF123707.D
Acq: 23 Apr 2021 22:31

Instrument :
BNA_F
ClientSampled :
PE-9

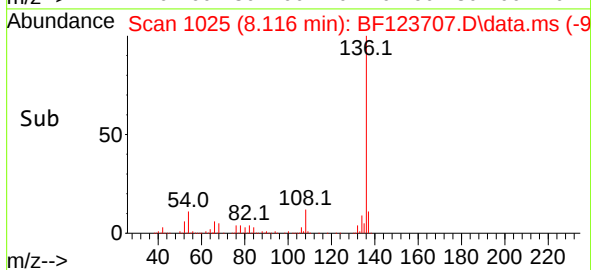
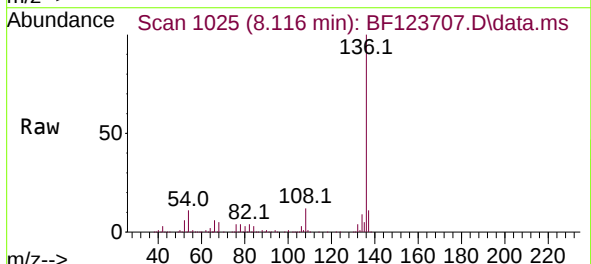
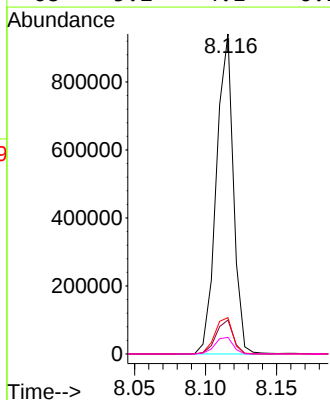


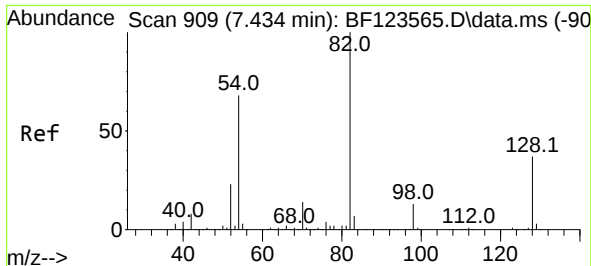
Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.0	60.1	90.1#
101	0.0	7.4	11.2#
130	2.1	14.2	21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF123707.D
Acq: 23 Apr 2021 22:31

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	11.3	9.8	14.6
68	5.2	4.1	6.1

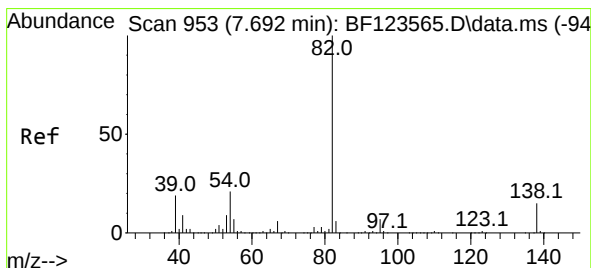
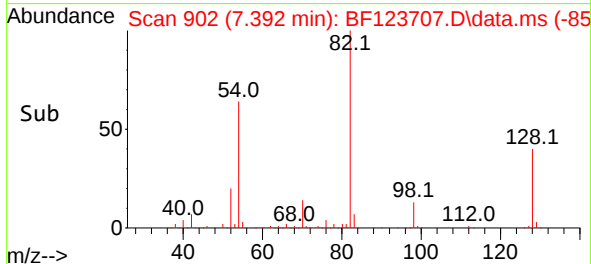
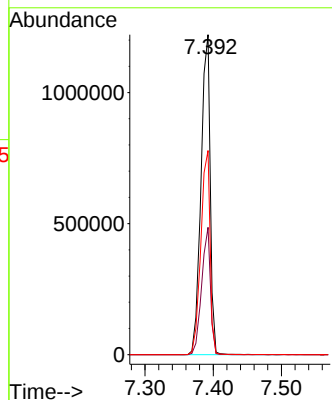
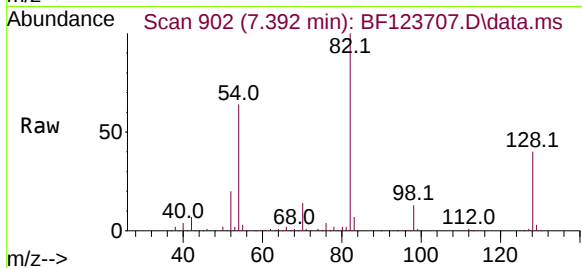




#23
Nitrobenzene-d5
Concen: 67.20 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF123707.D
Acq: 23 Apr 2021 22:31

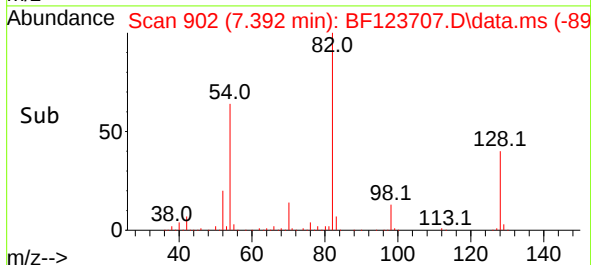
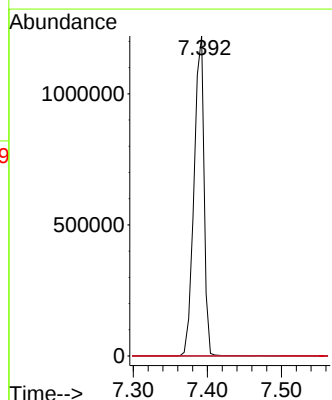
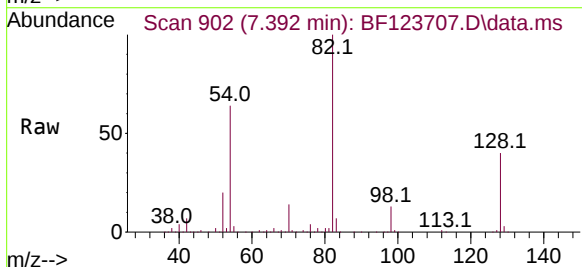
Instrument :
BNA_F
ClientSampleId :
PE-9

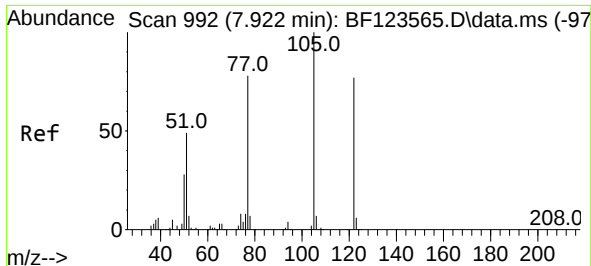
Tgt Ion: 82 Resp: 1143953
Ion Ratio Lower Upper
82 100
128 39.8 29.4 44.2
54 63.8 54.1 81.1



#25
Isophorone
Concen: 34.63 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.271 min
Lab File: BF123707.D
Acq: 23 Apr 2021 22:31

Tgt Ion: 82 Resp: 1143778
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#

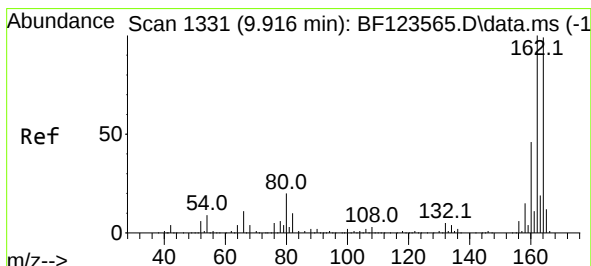
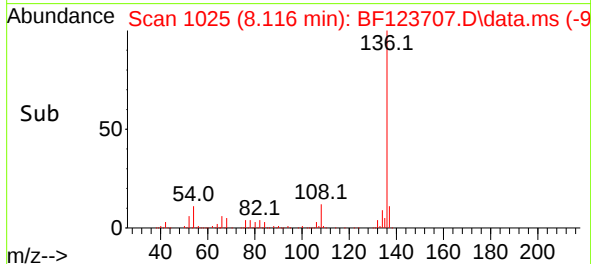
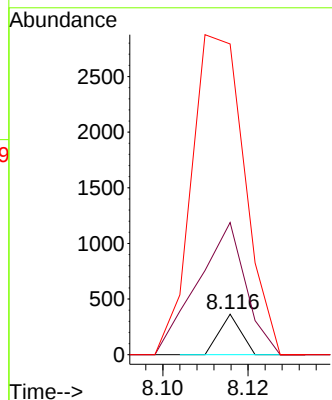
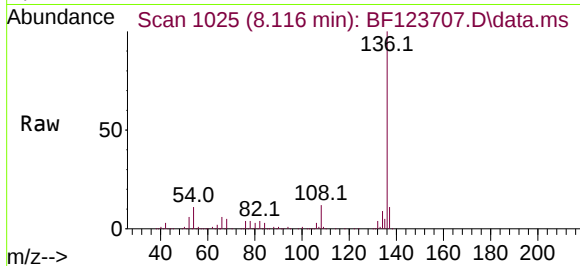




#32
Benzoic acid
Concen: 4.56 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.218 min
Lab File: BF123707.D
Acq: 23 Apr 2021 22:31

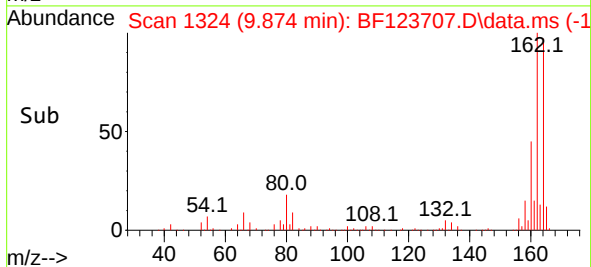
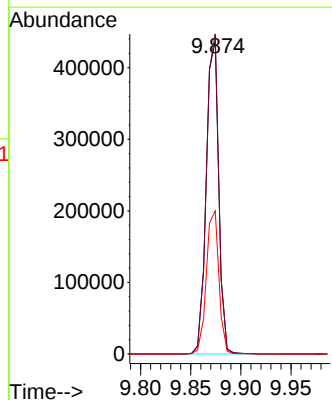
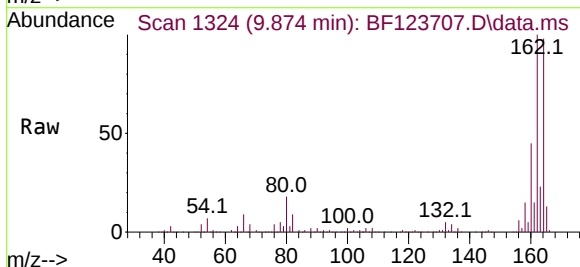
Instrument :
BNA_F
ClientSampled :
PE-9

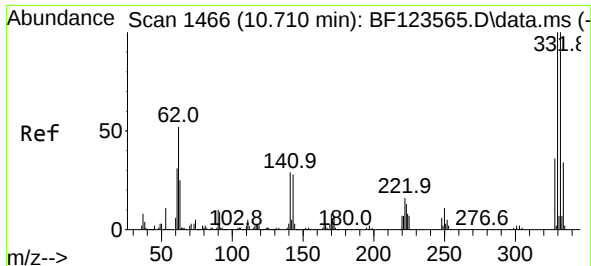
Tgt Ion:122 Resp: 128
Ion Ratio Lower Upper
122 100
105 326.4 107.8 147.8#
77 767.3 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF123707.D
Acq: 23 Apr 2021 22:31

Tgt Ion:164 Resp: 381457
Ion Ratio Lower Upper
164 100
162 102.2 80.7 121.1
160 45.7 37.3 55.9

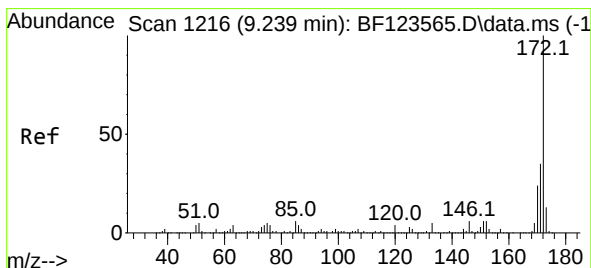
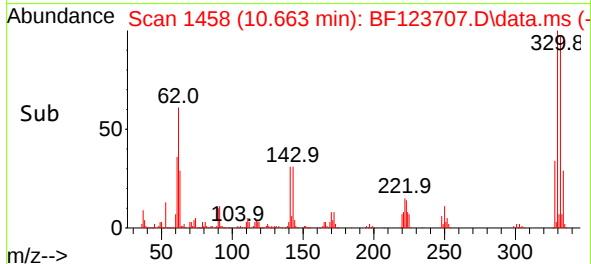
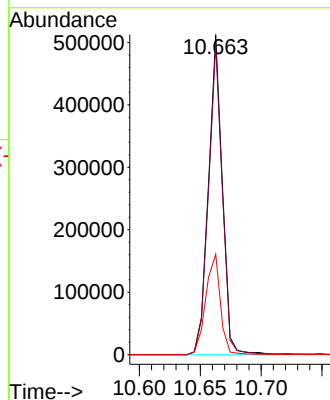
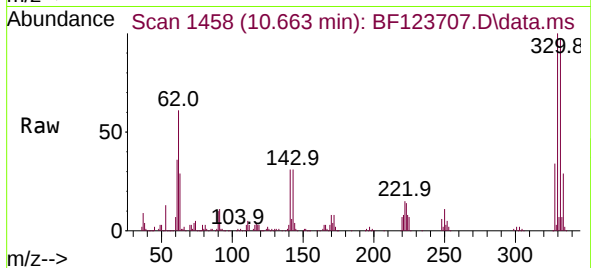




#42
2,4,6-Tribromophenol
Concen: 94.30 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF123707.D
Acq: 23 Apr 2021 22:31

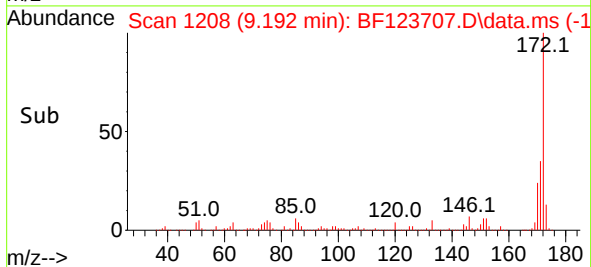
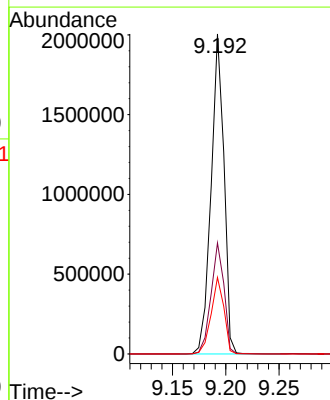
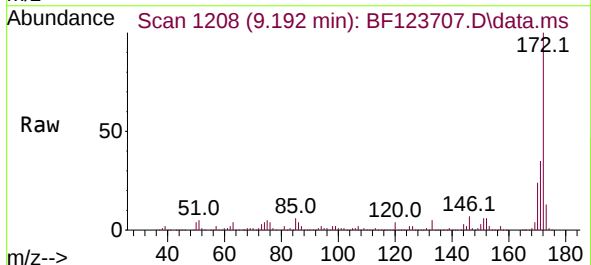
Instrument :
BNA_F
ClientSampled :
PE-9

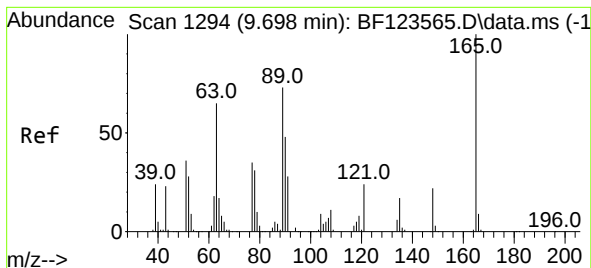
Tgt Ion: 330 Resp: 407330
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 33.2 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 65.93 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF123707.D
Acq: 23 Apr 2021 22:31

Tgt Ion: 172 Resp: 1687042
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.9 19.2 28.8

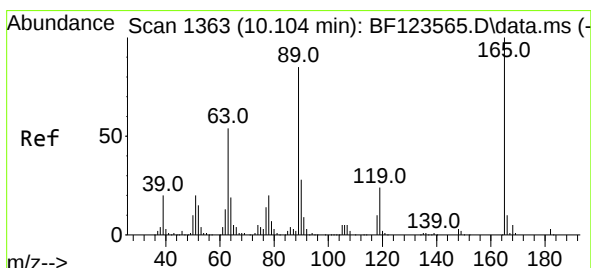
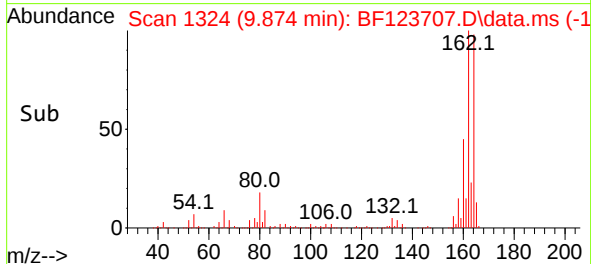
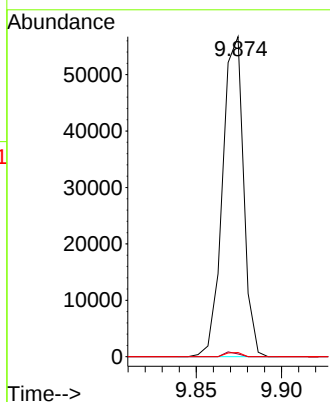
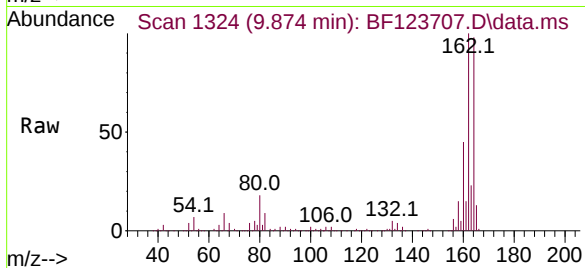




#51
2,6-Dinitrotoluene
Concen: 8.41 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF123707.D
Acq: 23 Apr 2021 22:31

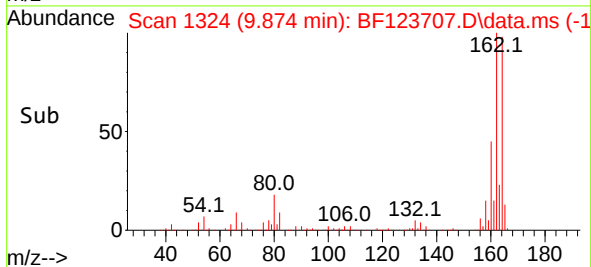
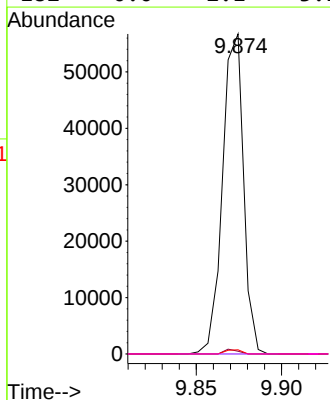
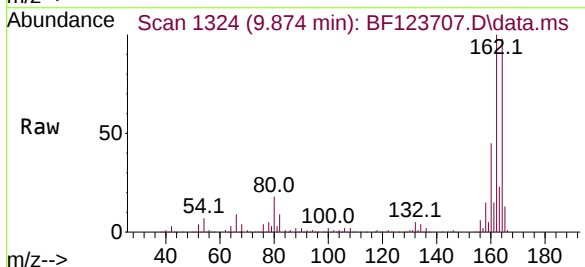
Instrument :
BNA_F
ClientSampled :
PE-9

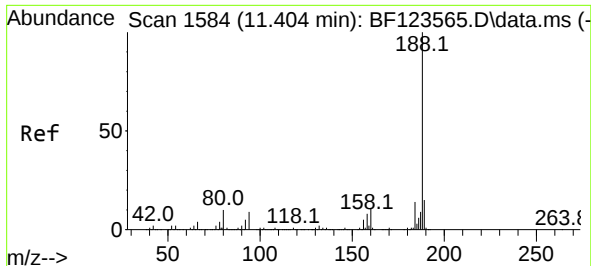
Tgt Ion:165 Resp: 48642
Ion Ratio Lower Upper
165 100
63 0.8 67.7 101.5#
89 1.3 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.200 min
Lab File: BF123707.D
Acq: 23 Apr 2021 22:31

Tgt Ion:165 Resp: 48642
Ion Ratio Lower Upper
165 100
63 0.8 43.5 65.3#
89 1.3 67.7 101.5#
182 0.0 2.1 3.1#

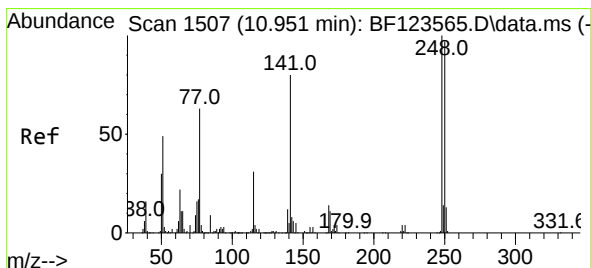
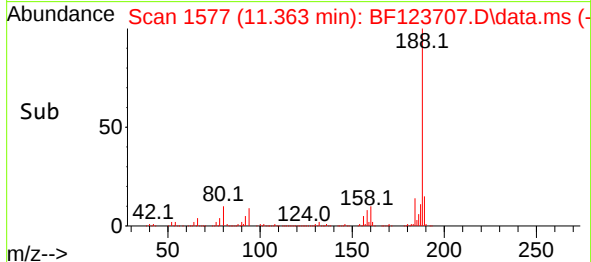
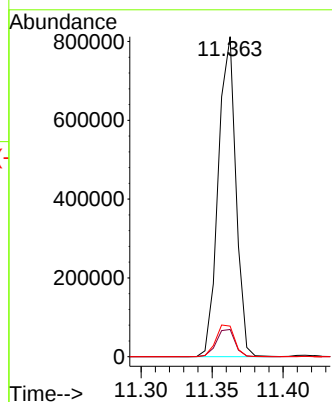
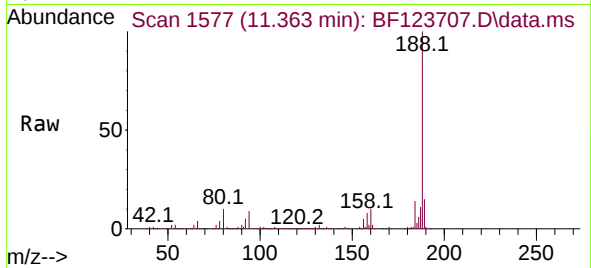




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF123707.D
Acq: 23 Apr 2021 22:31

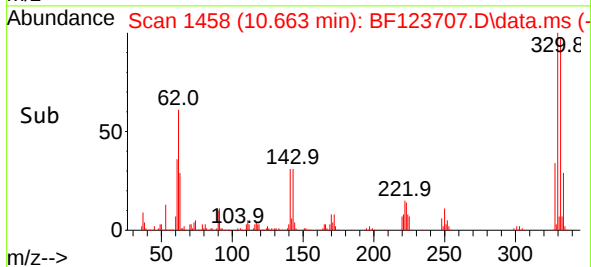
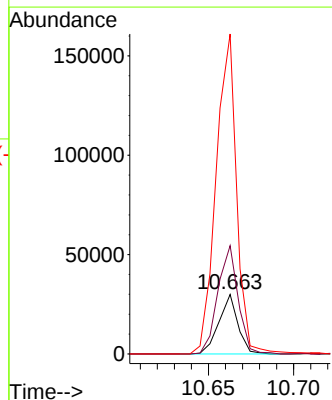
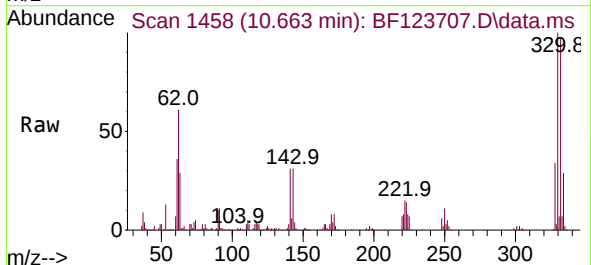
Instrument :
BNA_F
ClientSampled :
PE-9

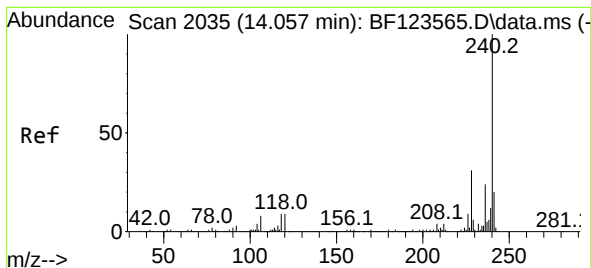
Tgt Ion:188 Resp: 699745
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 9.5 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.19 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.253 min
Lab File: BF123707.D
Acq: 23 Apr 2021 22:31

Tgt Ion:248 Resp: 23302
Ion Ratio Lower Upper
248 100
250 181.9 77.4 116.2#
141 537.0 63.7 95.5#

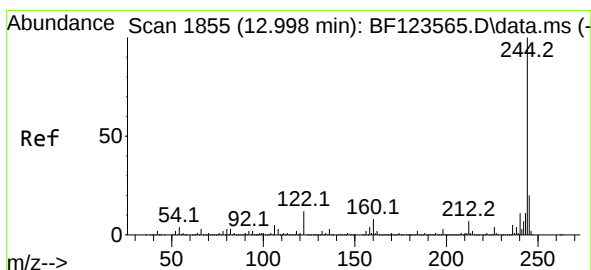
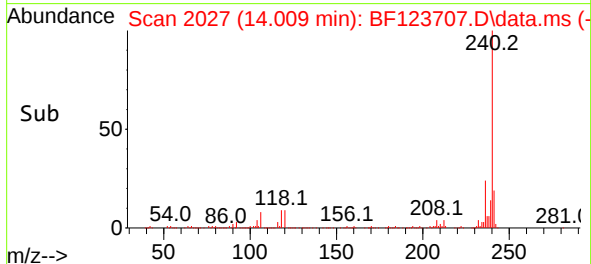
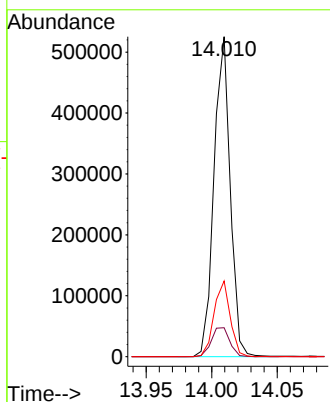
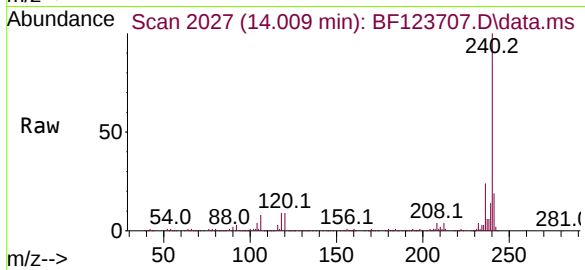




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF123707.D
Acq: 23 Apr 2021 22:31

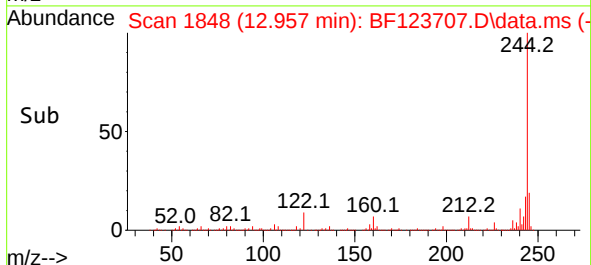
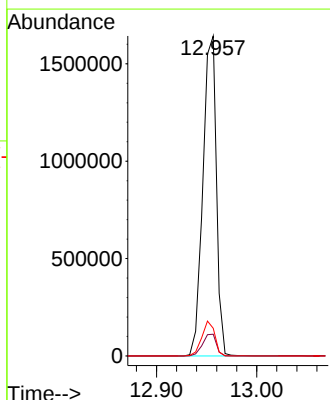
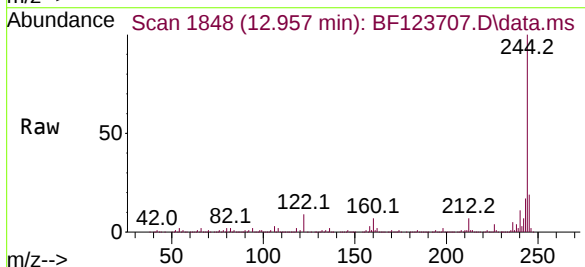
Instrument :
BNA_F
ClientSampled :
PE-9

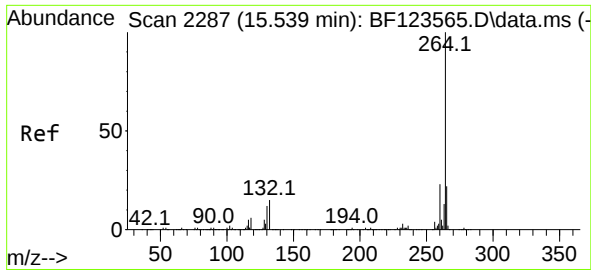
Tgt Ion:240 Resp: 451417
Ion Ratio Lower Upper
240 100
120 9.1 7.2 10.8
236 23.7 19.0 28.4



#79
Terphenyl-d14
Concen: 66.56 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF123707.D
Acq: 23 Apr 2021 22:31

Tgt Ion:244 Resp: 1546039
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 8.7 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: BF123707.D
 Acq: 23 Apr 2021 22:31

Instrument :
 BNA_F
 ClientSampleId :
 PE-9

Tgt Ion:264	Resp: 426386
Ion Ratio	Lower Upper
264	100
260	24.2 18.7 28.1
265	20.7 17.8 26.8

