

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042321\
 Data File : BF123705.D
 Acq On : 23 Apr 2021 21:28
 Operator : JU/CG
 Sample : M2151-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-7

Quant Time: Apr 26 01:47:42 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)

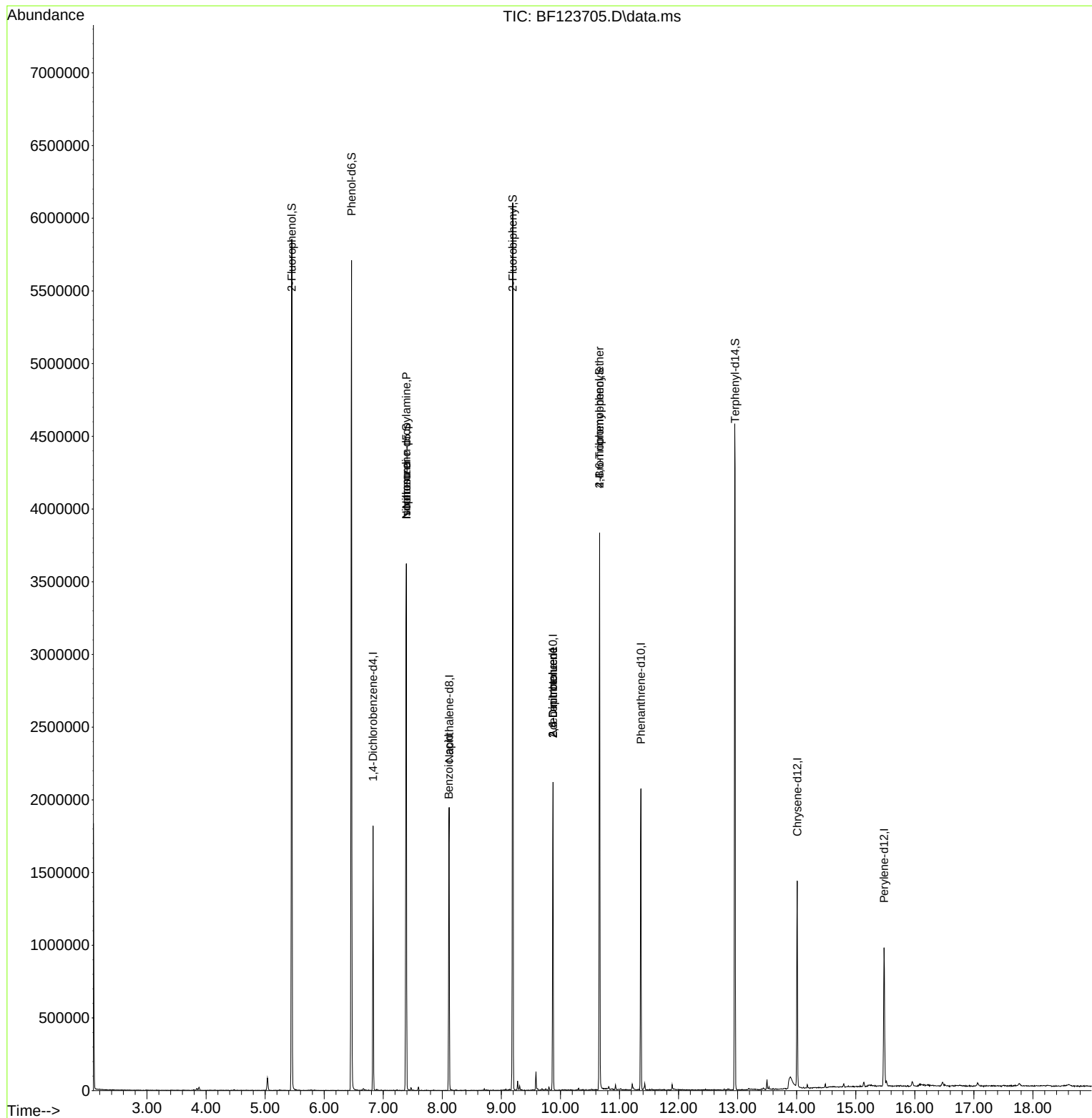
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	217506	20.00	ng	-0.01
21) Naphthalene-d8	8.116	136	808389	20.00	ng	-0.01
39) Acenaphthene-d10	9.874	164	390395	20.00	ng	-0.01
64) Phenanthrene-d10	11.363	188	719052	20.00	ng	-0.01
76) Chrysene-d12	14.010	240	466004	20.00	ng	-0.01
86) Perylene-d12	15.480	264	428162	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1230266	91.42	ng	0.00
7) Phenol-d6	6.463	99	1583002	84.89	ng	-0.01
23) Nitrobenzene-d5	7.392	82	1126032	64.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	402125	90.96	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1647006	62.89	ng	-0.01
79) Terphenyl-d14	12.957	244	1544309	64.41	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	148765	12.04	ng	# 76
25) Isophorone	7.392	82	1125856	33.00	ng	# 69
32) Benzoic acid	8.110	122	279	4.58	ng	# 1
51) 2,6-Dinitrotoluene	9.874	165	51901	8.77	ng	# 12
57) 2,4-Dinitrotoluene	9.874	165	51901	6.56	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	23945	3.19	ng	# 1
89) Benzo(k)fluoranthene	15.074	252	150	Below Cal		# 12

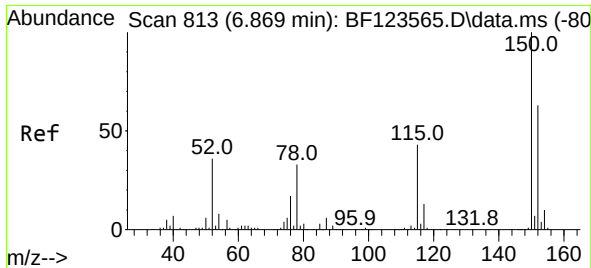
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 26 01:47:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
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QLast Update : Fri Apr 23 10:48:36 2021
Response via : Initial Calibration

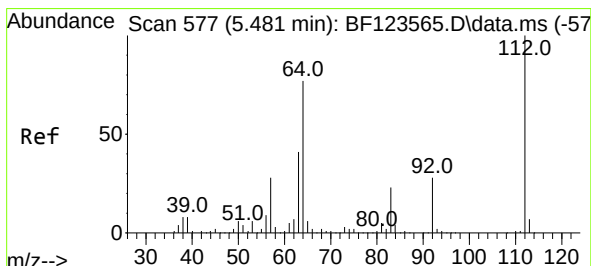
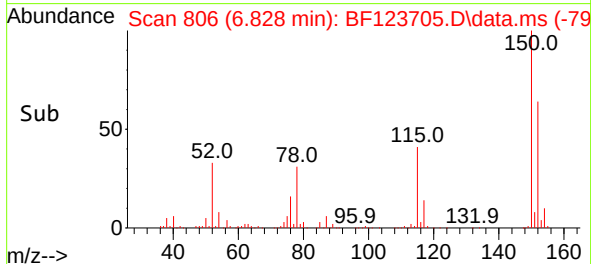
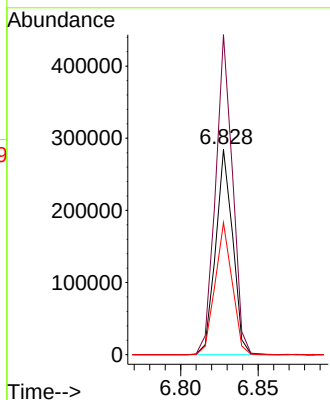
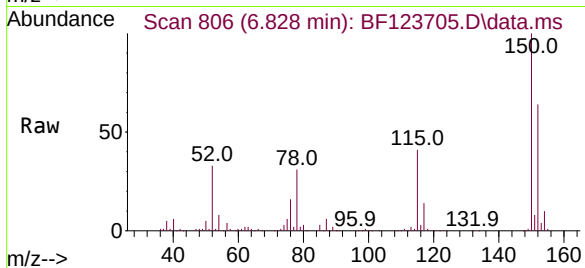




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.011 min
Lab File: BF123705.D
Acq: 23 Apr 2021 21:28

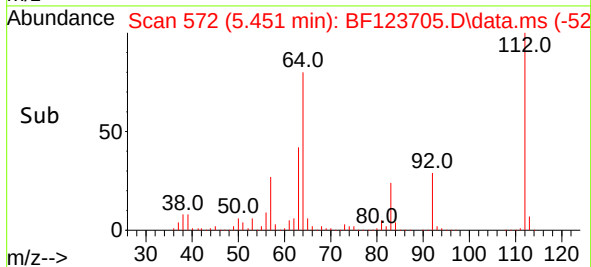
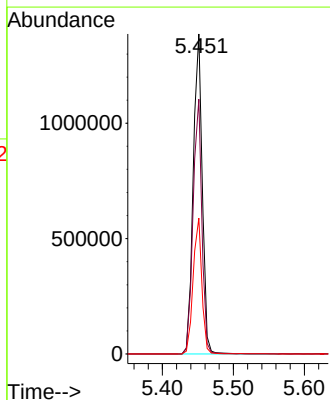
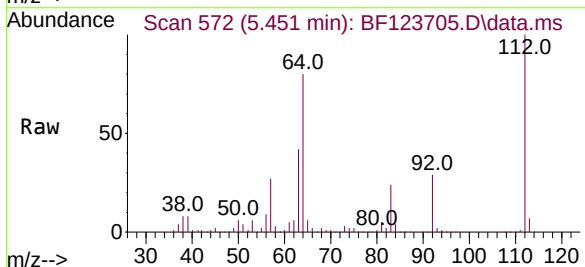
Instrument :
BNA_F
ClientSampleId :
PE-7

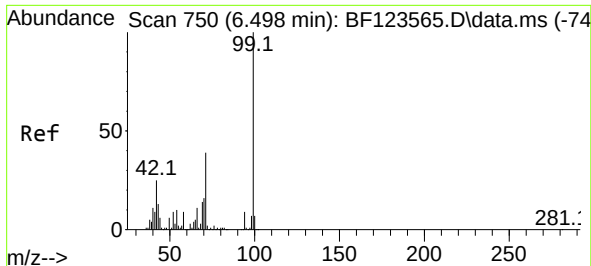
Tgt Ion:152 Resp: 217506
Ion Ratio Lower Upper
152 100
150 155.8 127.0 190.6
115 64.3 54.3 81.5



#5
2-Fluorophenol
Concen: 91.42 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF123705.D
Acq: 23 Apr 2021 21:28

Tgt Ion:112 Resp: 1230266
Ion Ratio Lower Upper
112 100
64 79.6 61.4 92.0
63 42.5 33.0 49.4



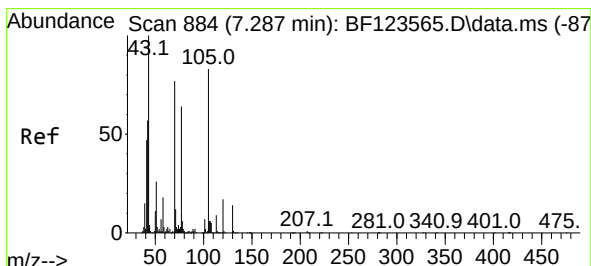
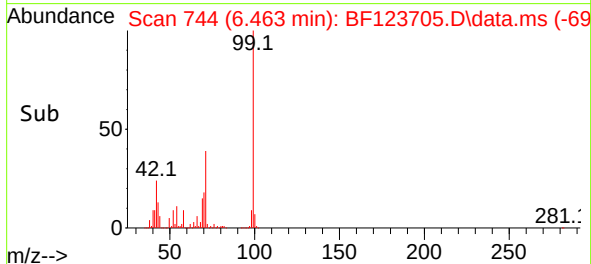
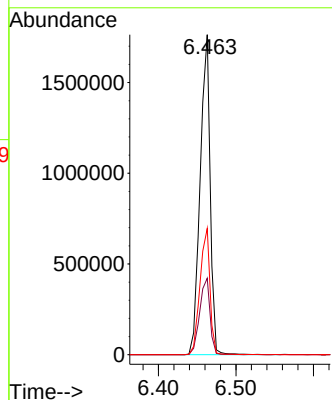
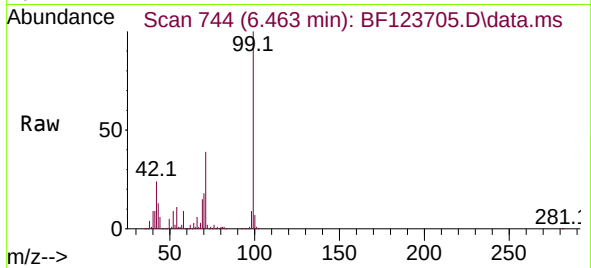


#7
Phenol-d6
Concen: 84.89 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF123705.D
Acq: 23 Apr 2021 21:28

Instrument :
BNA_F
ClientSampleId :
PE-7

Tgt Ion: 99 Resp: 1583002

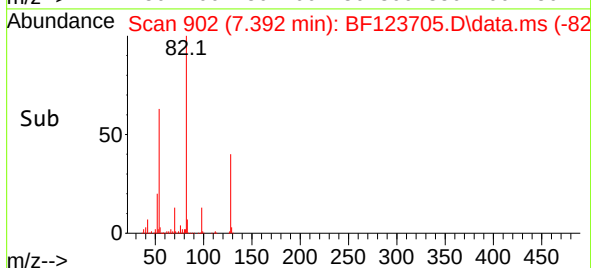
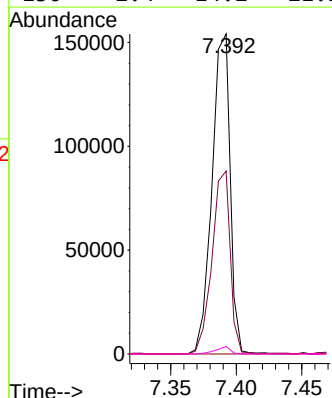
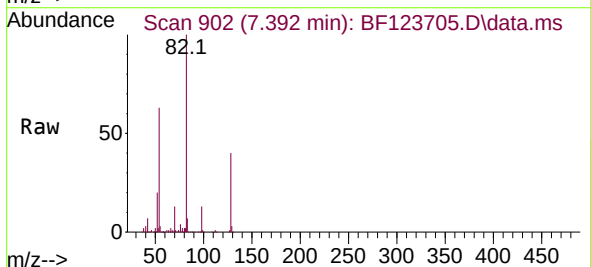
Ion	Ratio	Lower	Upper
99	100		
42	23.9	19.8	29.8
71	39.4	31.1	46.7

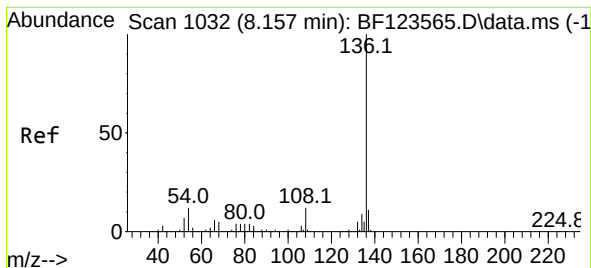


#19
n-Nitroso-di-n-propylamine
Concen: 12.04 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.135 min
Lab File: BF123705.D
Acq: 23 Apr 2021 21:28

Tgt Ion: 70 Resp: 148765

Ion	Ratio	Lower	Upper
70	100		
42	57.1	60.1	90.1#
101	0.0	7.4	11.2#
130	2.4	14.2	21.2#

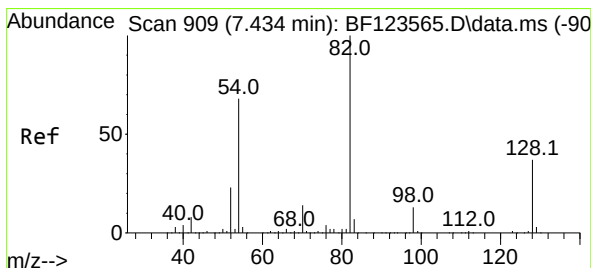
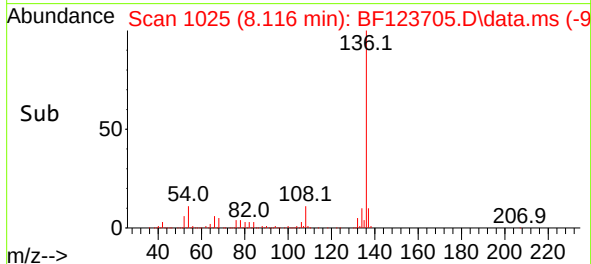
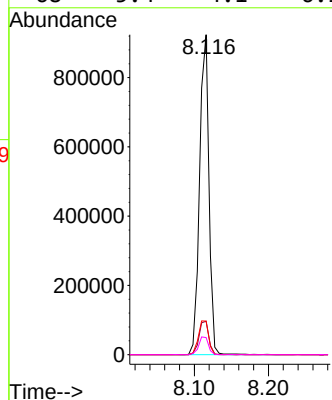
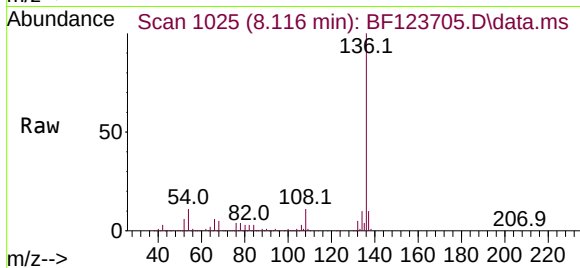




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF123705.D
Acq: 23 Apr 2021 21:28

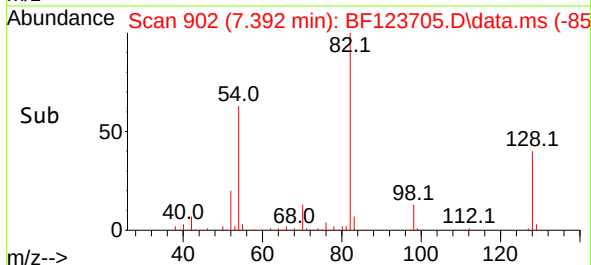
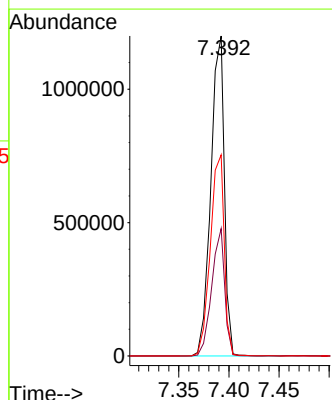
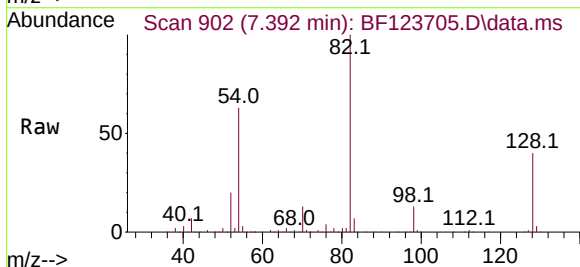
Instrument :
BNA_F
ClientSampleId :
PE-7

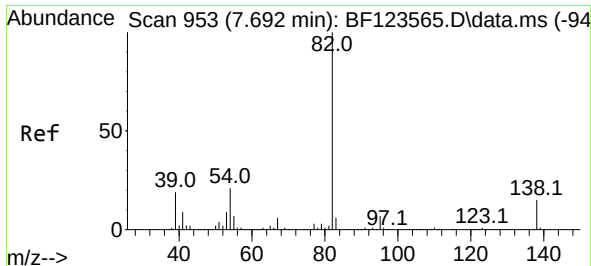
Tgt Ion:	136	Resp:	808389
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	10.5	9.8	14.6
68	5.4	4.1	6.1



#23
Nitrobenzene-d5
Concen: 64.04 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF123705.D
Acq: 23 Apr 2021 21:28

Tgt Ion:	82	Resp:	1126032
Ion	Ratio	Lower	Upper
82	100		
128	39.8	29.4	44.2
54	62.8	54.1	81.1

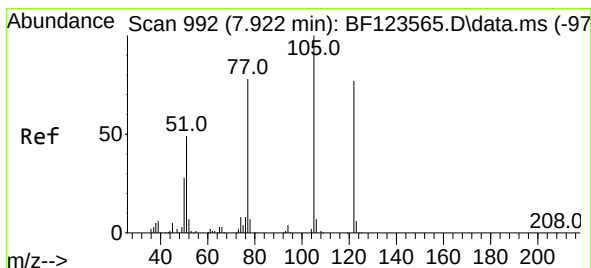
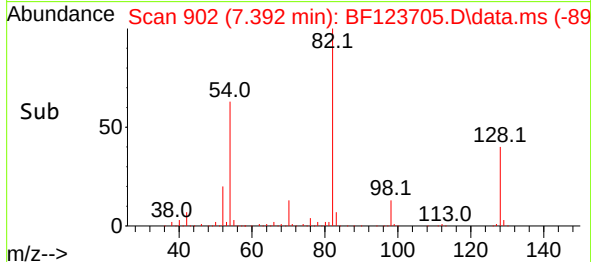
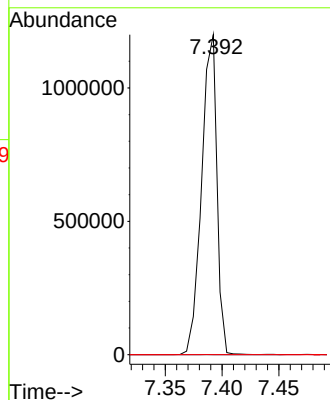
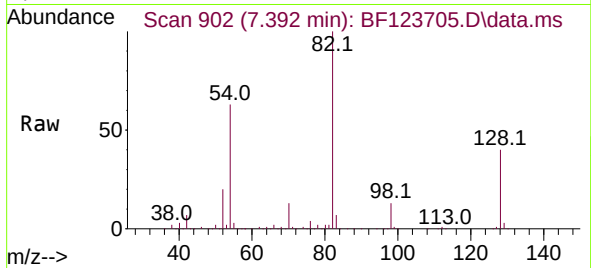




#25
Isophorone
Concen: 33.00 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.271 min
Lab File: BF123705.D
Acq: 23 Apr 2021 21:28

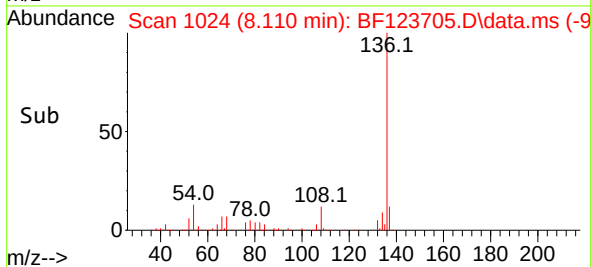
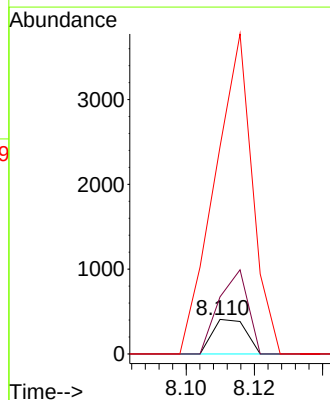
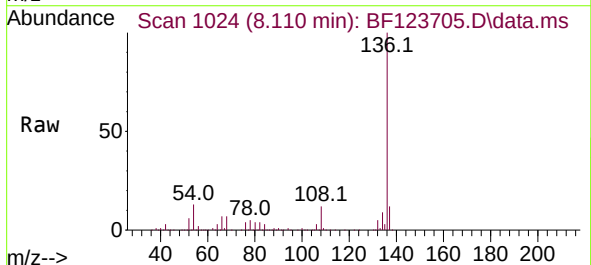
Instrument :
BNA_F
ClientSampleId :
PE-7

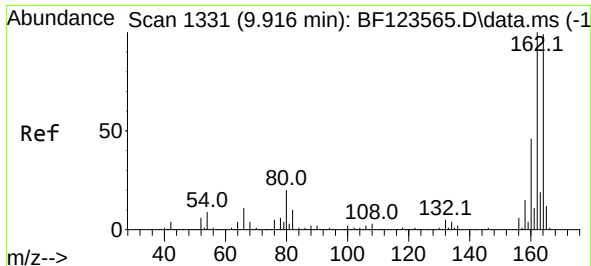
Tgt Ion: 82 Resp: 1125856
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.58 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.212 min
Lab File: BF123705.D
Acq: 23 Apr 2021 21:28

Tgt Ion: 122 Resp: 279
Ion Ratio Lower Upper
122 100
105 165.4 107.8 147.8#
77 601.0 81.6 121.6#

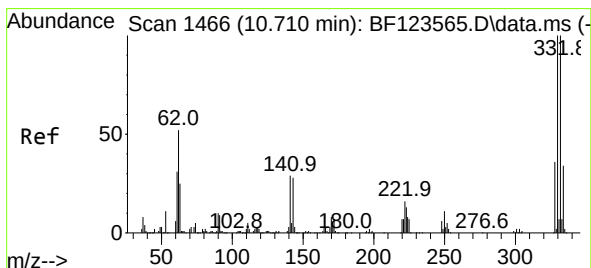
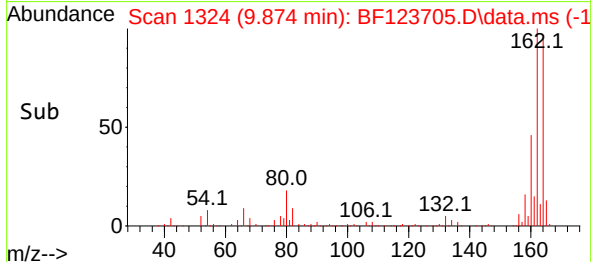
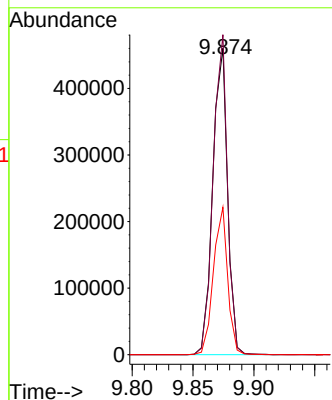
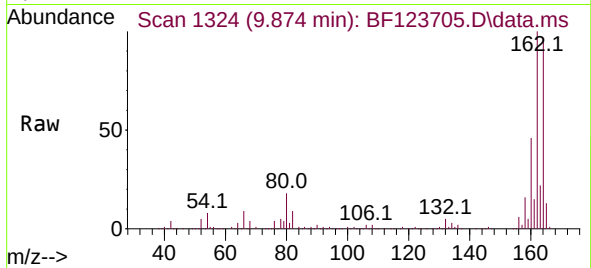




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF123705.D
Acq: 23 Apr 2021 21:28

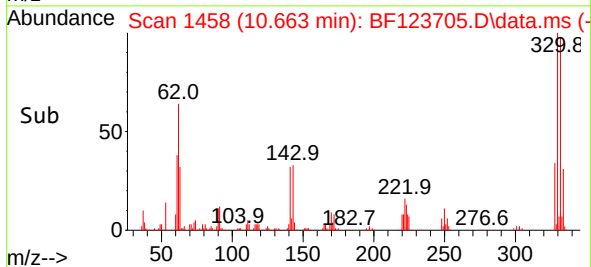
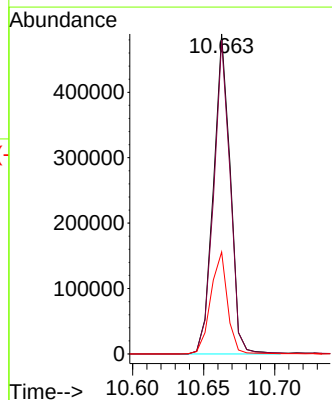
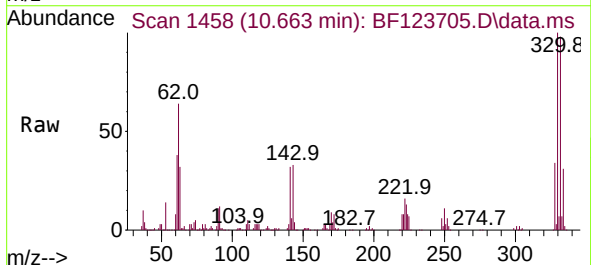
Instrument :
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ClientSampleId :
PE-7

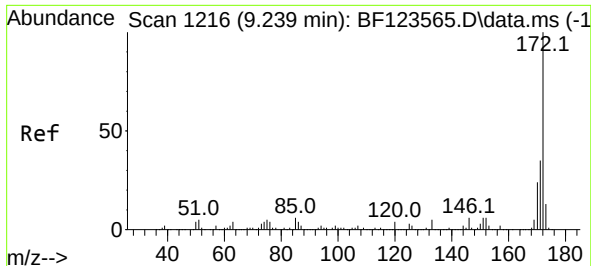
Tgt Ion:164 Resp: 390395
Ion Ratio Lower Upper
164 100
162 104.4 80.7 121.1
160 48.1 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 90.96 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF123705.D
Acq: 23 Apr 2021 21:28

Tgt Ion:330 Resp: 402125
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 32.2 27.9 41.9

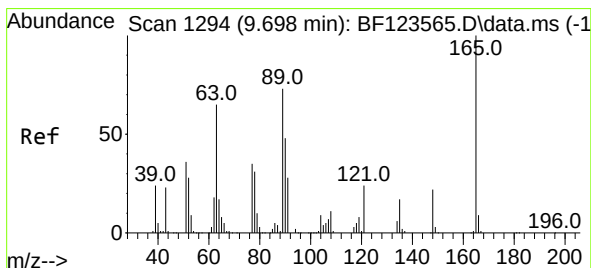
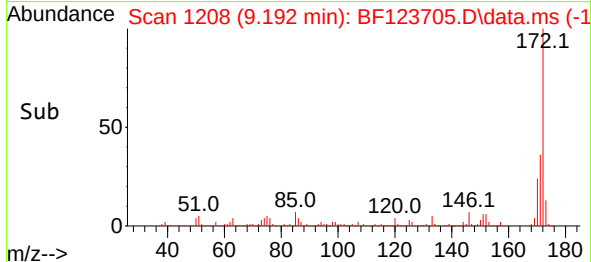
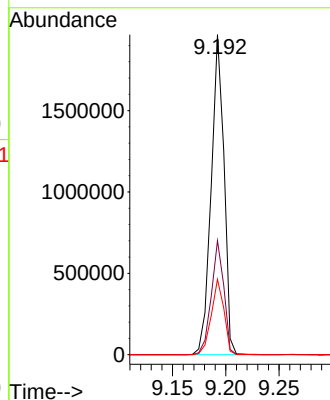
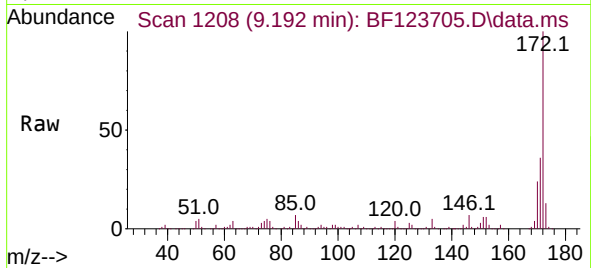




#45
2-Fluorobiphenyl
Concen: 62.89 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF123705.D
Acq: 23 Apr 2021 21:28

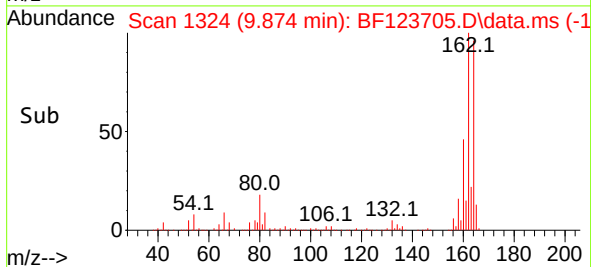
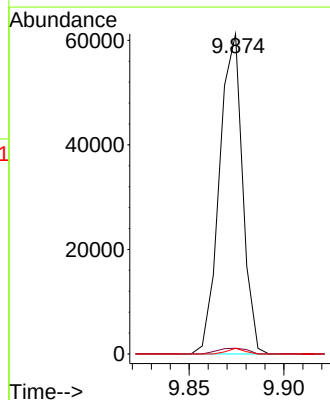
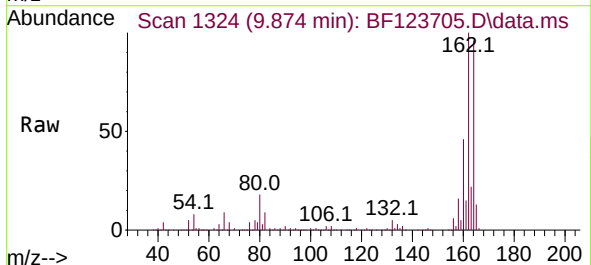
Instrument :
BNA_F
ClientSampled :
PE-7

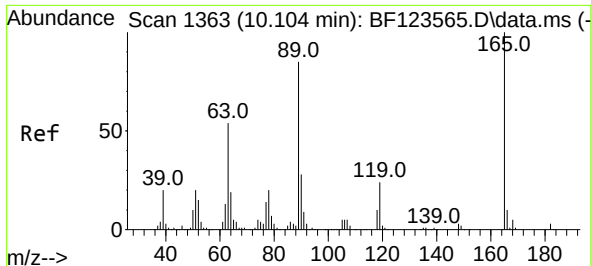
Tgt Ion:172 Resp: 1647006
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.6 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 8.77 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF123705.D
Acq: 23 Apr 2021 21:28

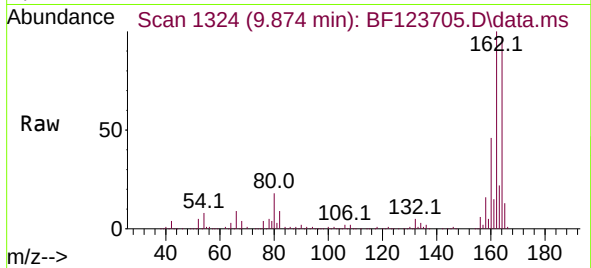
Tgt Ion:165 Resp: 51901
Ion Ratio Lower Upper
165 100
63 1.8 67.7 101.5#
89 1.7 58.8 88.2#



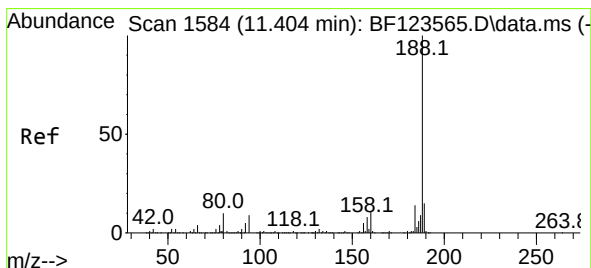
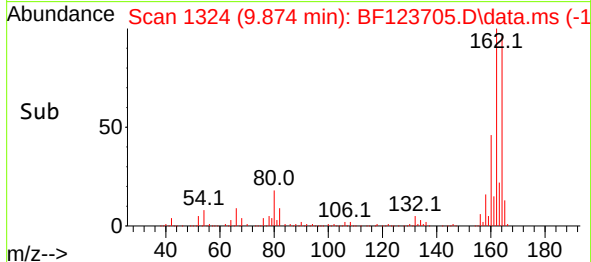
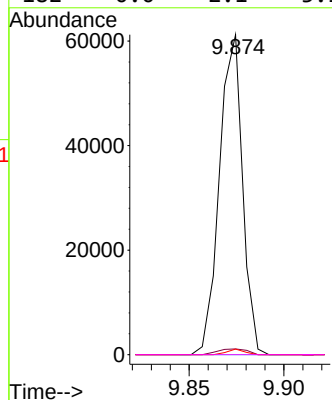


#57
2,4-Dinitrotoluene
Concen: 6.56 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.200 min
Lab File: BF123705.D
Acq: 23 Apr 2021 21:28

Instrument :
BNA_F
ClientSampled :
PE-7

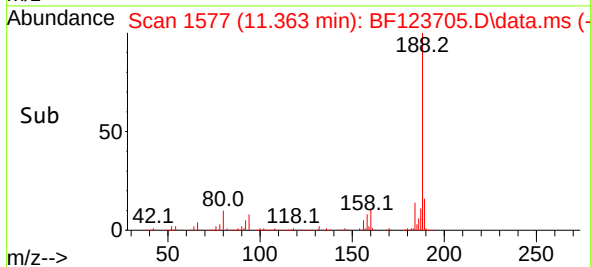
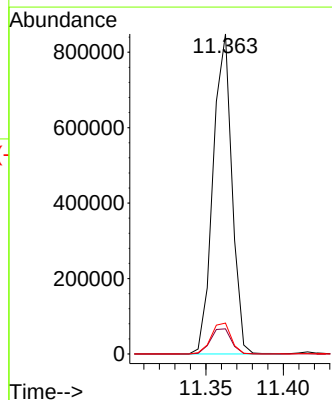
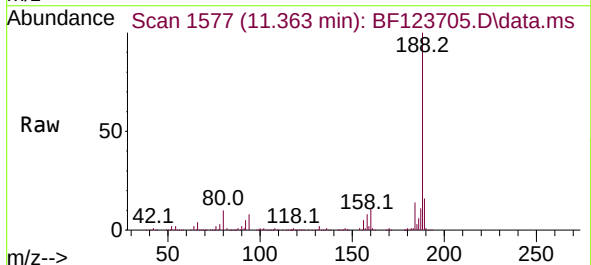


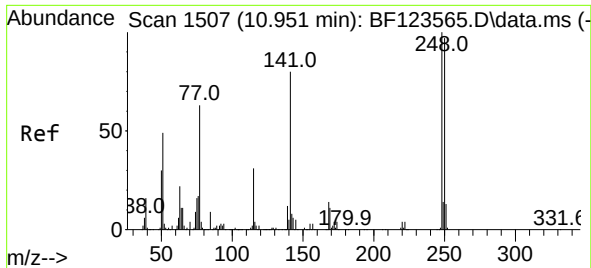
Tgt Ion:165 Resp: 51901
Ion Ratio Lower Upper
165 100
63 1.8 43.5 65.3#
89 1.7 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF123705.D
Acq: 23 Apr 2021 21:28

Tgt Ion:188 Resp: 719052
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 9.6 8.2 12.2

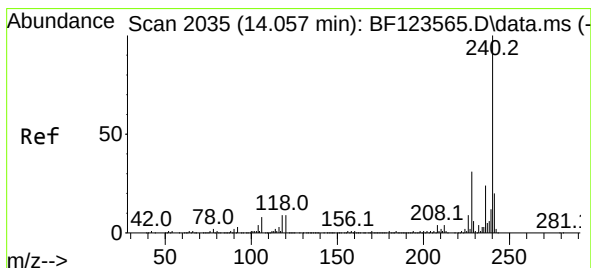
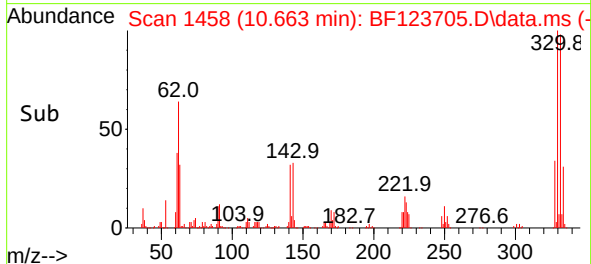
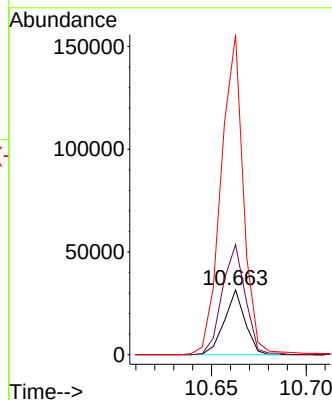
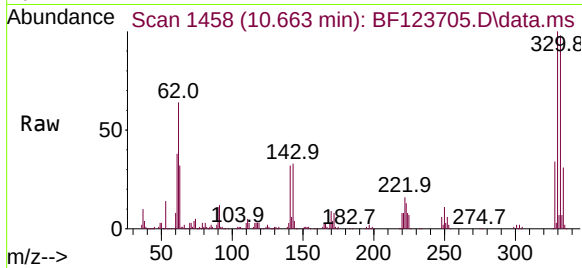




#67
4-Bromophenyl-phenylether
Concen: 3.19 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.253 min
Lab File: BF123705.D
Acq: 23 Apr 2021 21:28

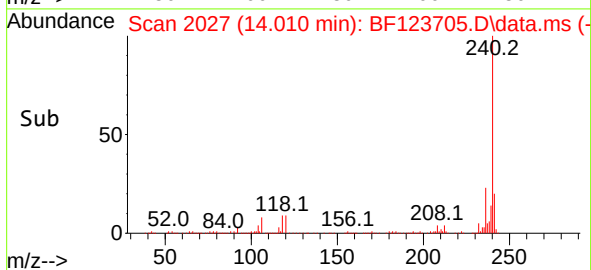
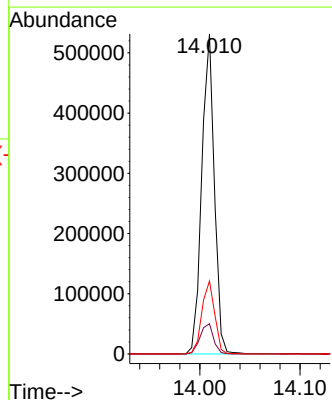
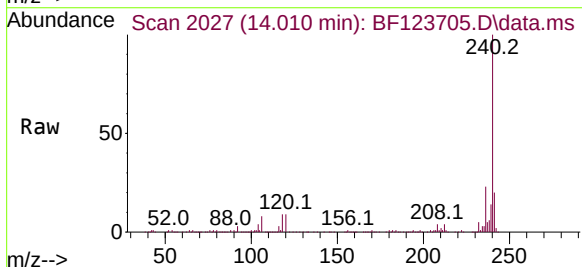
Instrument :
BNA_F
ClientSampleId :
PE-7

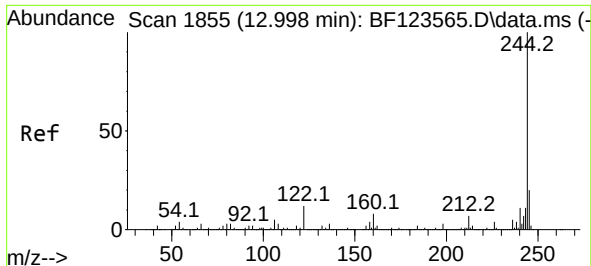
Tgt Ion:248 Resp: 23945
Ion Ratio Lower Upper
248 100
250 169.9 77.4 116.2#
141 494.3 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF123705.D
Acq: 23 Apr 2021 21:28

Tgt Ion:240 Resp: 466004
Ion Ratio Lower Upper
240 100
120 9.5 7.2 10.8
236 22.8 19.0 28.4

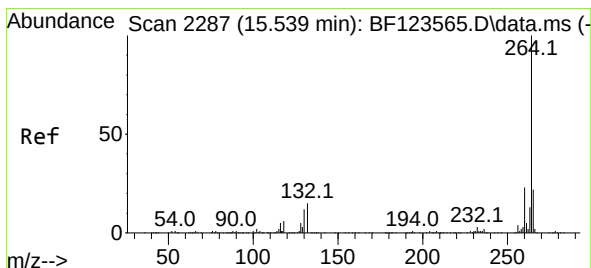
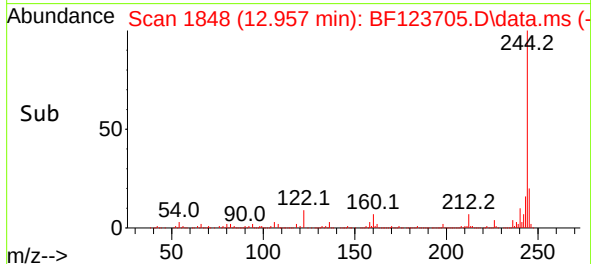
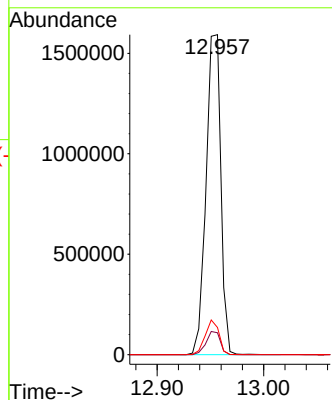
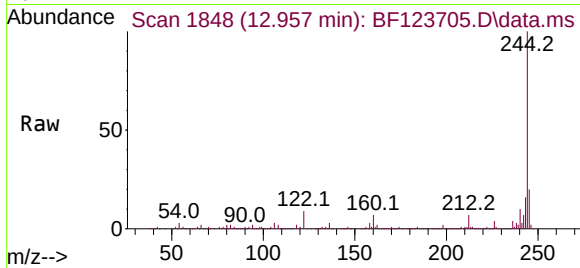




#79
 Terphenyl-d14
 Concen: 64.41 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF123705.D
 Acq: 23 Apr 2021 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PE-7

Tgt Ion:244 Resp: 1544309
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 8.5 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: BF123705.D
 Acq: 23 Apr 2021 21:28

Tgt Ion:264 Resp: 428162
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.7 17.8 26.8

