

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042321\
 Data File : BF123706.D
 Acq On : 23 Apr 2021 21:59
 Operator : JU/CG
 Sample : M2151-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-8

Quant Time: Apr 26 01:47:51 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)

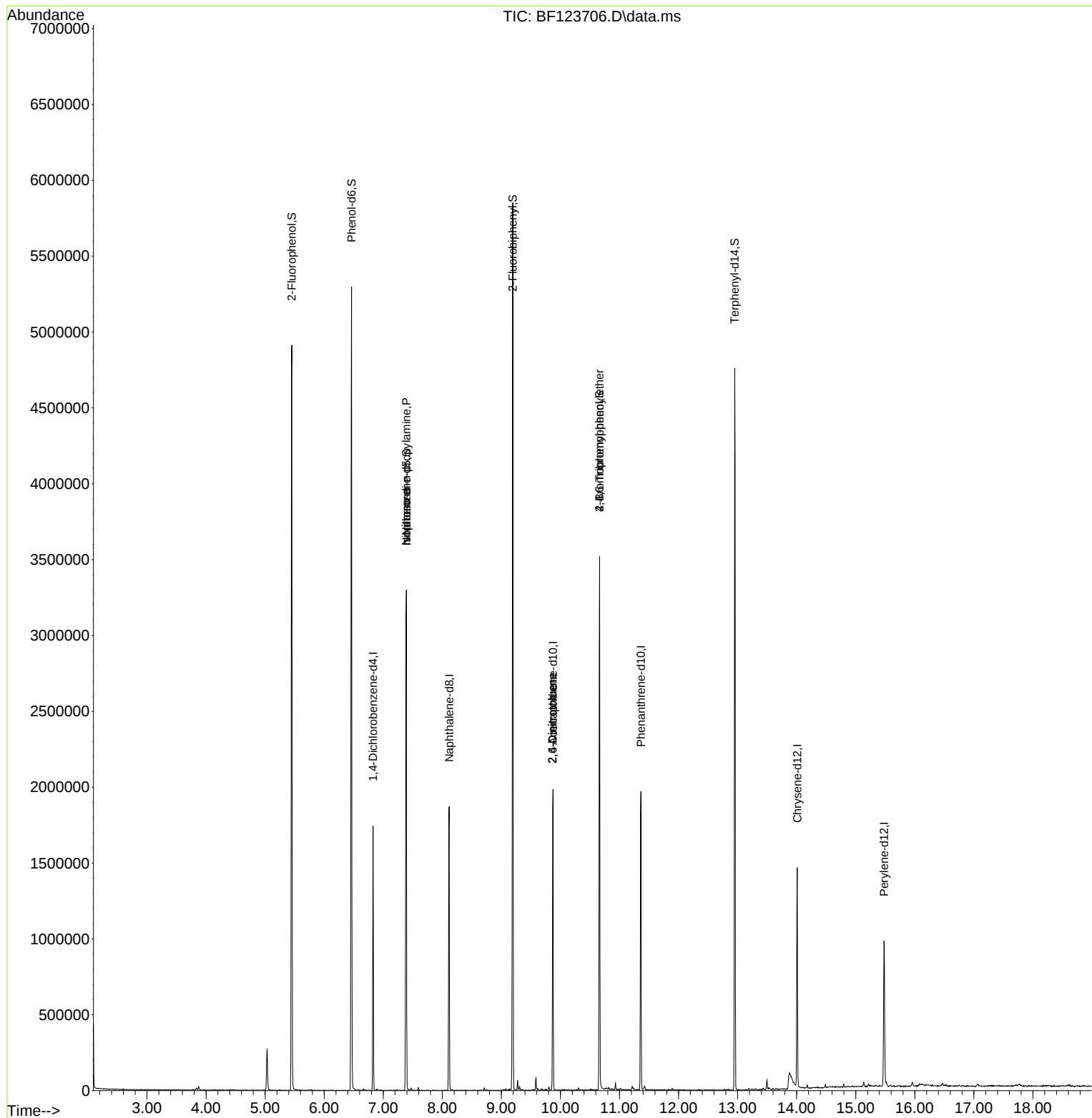
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	210127	20.00	ng	-0.01
21) Naphthalene-d8	8.116	136	785339	20.00	ng	-0.01
39) Acenaphthene-d10	9.875	164	384828	20.00	ng	-0.01
64) Phenanthrene-d10	11.363	188	717475	20.00	ng	-0.01
76) Chrysene-d12	14.010	240	487680	20.00	ng	-0.01
86) Perylene-d12	15.480	264	437827	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1160952	89.30	ng	0.00
7) Phenol-d6	6.463	99	1508313	83.72	ng	-0.01
23) Nitrobenzene-d5	7.392	82	1056923	61.87	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	378526	86.86	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1571610	60.88	ng	-0.01
79) Terphenyl-d14	12.951	244	1534761	61.16	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	144136	12.08	ng	# 72
25) Isophorone	7.392	82	1056668	31.88	ng	# 69
51) 2,6-Dinitrotoluene	9.869	165	48754	8.35	ng	# 11
57) 2,4-Dinitrotoluene	9.869	165	48754	6.25	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	21575	2.88	ng	# 1
89) Benzo(k)fluoranthene	15.074	252	624	Below	Cal	# 60
92) Benzo(g,h,i)perylene	17.380	276	244	Below	Cal	# 56

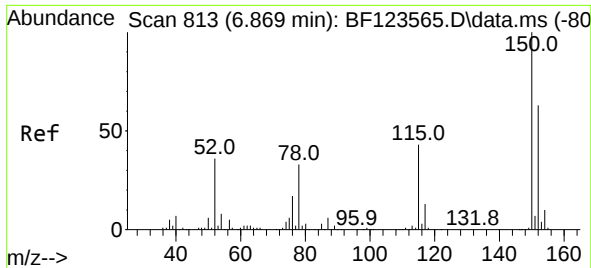
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

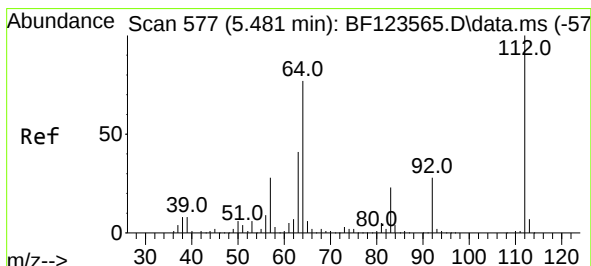
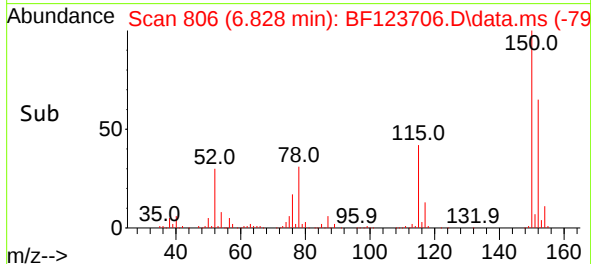
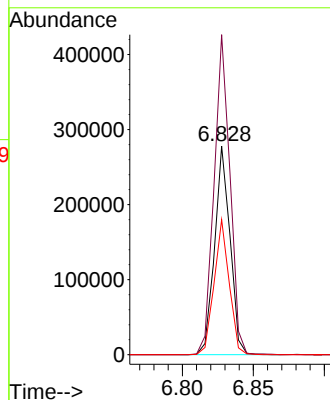
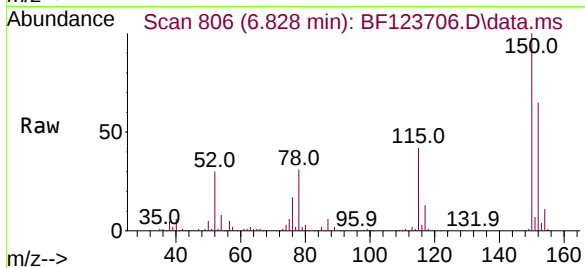




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.011 min
Lab File: BF123706.D
Acq: 23 Apr 2021 21:59

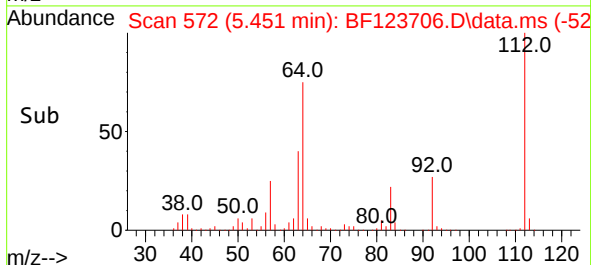
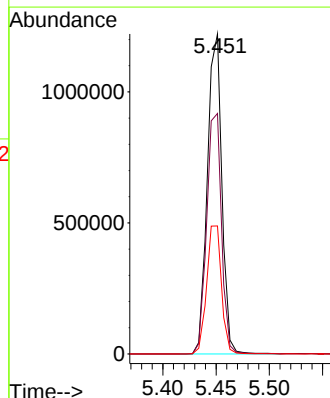
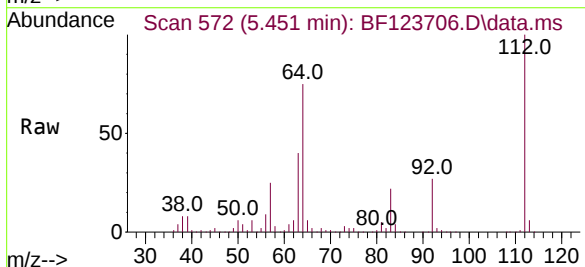
Instrument :
BNA_F
ClientSampleId :
PE-8

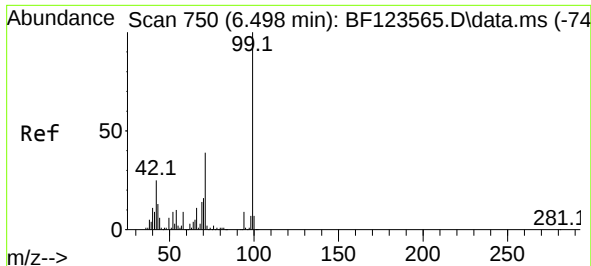
Tgt Ion:152 Resp: 210127
Ion Ratio Lower Upper
152 100
150 153.3 127.0 190.6
115 64.7 54.3 81.5



#5
2-Fluorophenol
Concen: 89.30 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF123706.D
Acq: 23 Apr 2021 21:59

Tgt Ion:112 Resp: 1160952
Ion Ratio Lower Upper
112 100
64 75.2 61.4 92.0
63 40.0 33.0 49.4

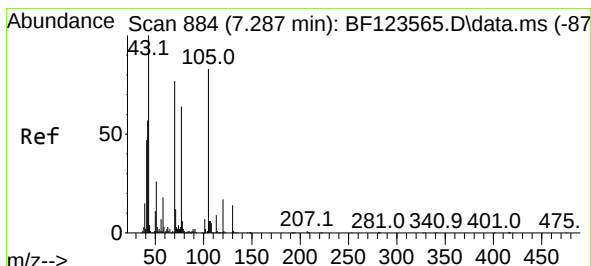
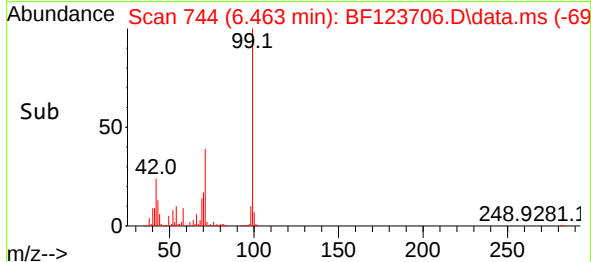
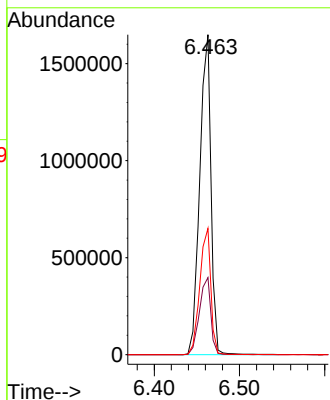
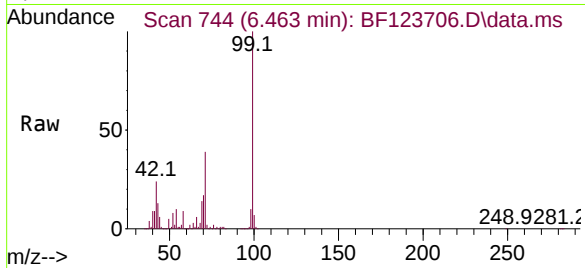




#7
Phenol-d6
Concen: 83.72 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF123706.D
Acq: 23 Apr 2021 21:59

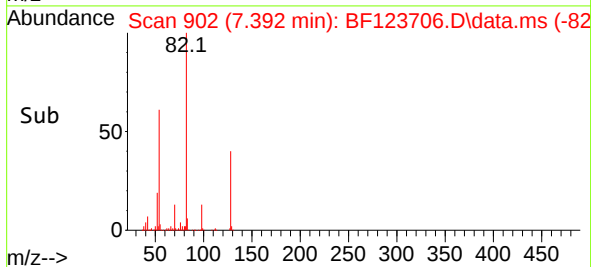
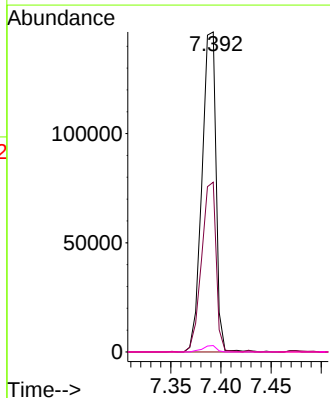
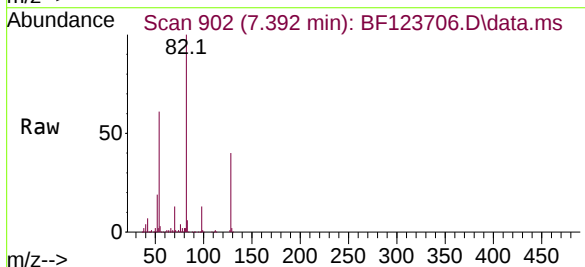
Instrument :
BNA_F
ClientSampleId :
PE-8

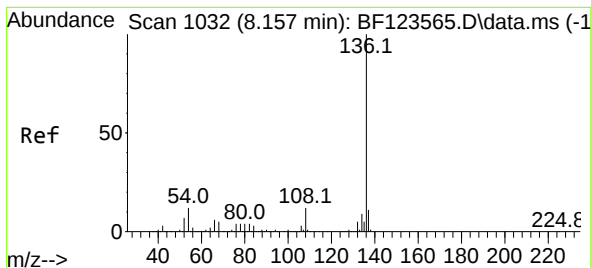
Tgt Ion: 99 Resp: 1508313
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.8
71 39.5 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.08 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.135 min
Lab File: BF123706.D
Acq: 23 Apr 2021 21:59

Tgt Ion: 70 Resp: 144136
Ion Ratio Lower Upper
70 100
42 53.0 60.1 90.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.2#

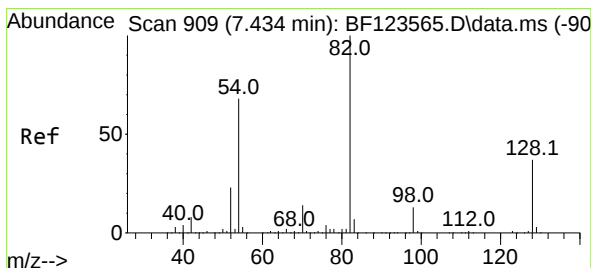
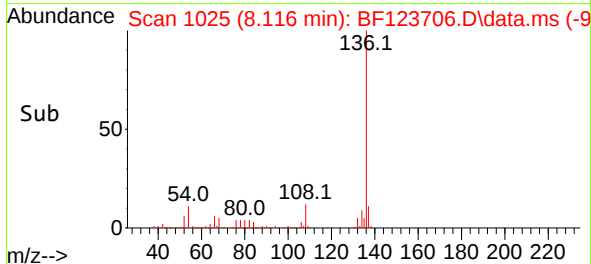
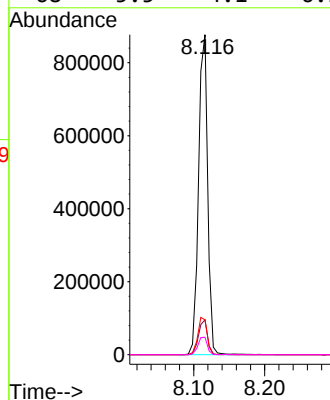
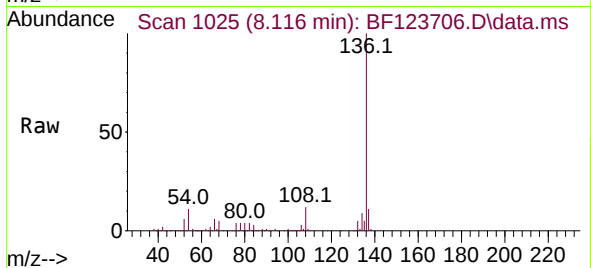




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF123706.D
Acq: 23 Apr 2021 21:59

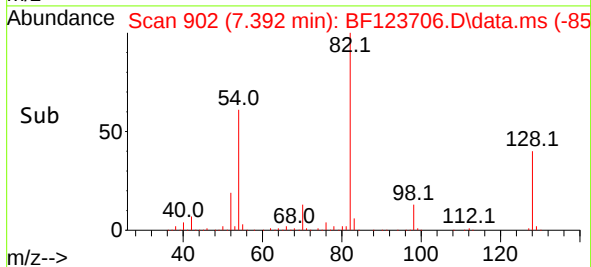
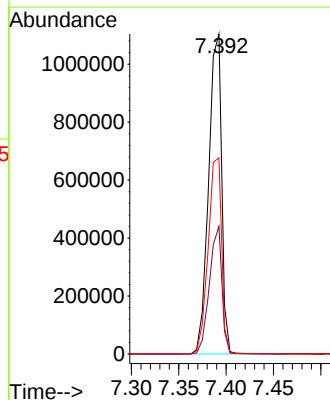
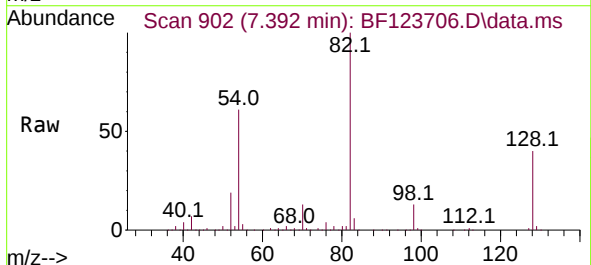
Instrument :
BNA_F
ClientSampled :
PE-8

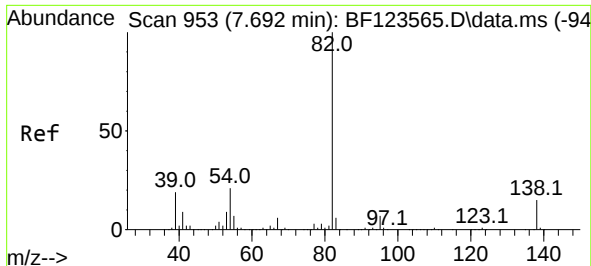
Tgt	Ion:136	Resp:	785339
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.9	9.8	14.6
68	5.5	4.1	6.1



#23
Nitrobenzene-d5
Concen: 61.87 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF123706.D
Acq: 23 Apr 2021 21:59

Tgt Ion: 82		Resp: 1056923	
Ion	Ratio	Lower	Upper
82	100		
128	39.8	29.4	44.2
54	61.3	54.1	81.1

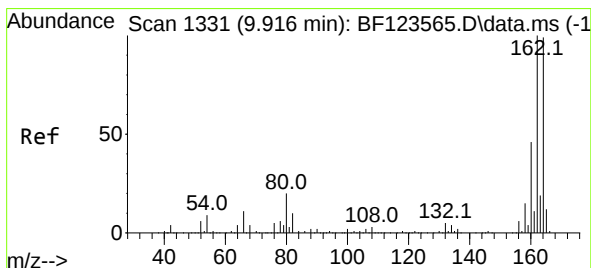
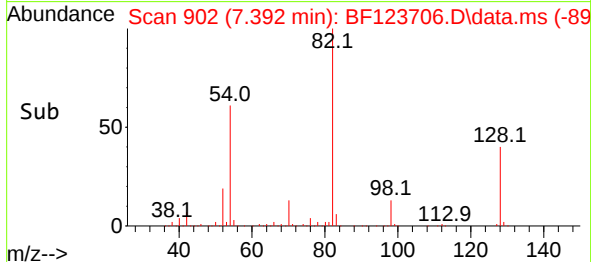
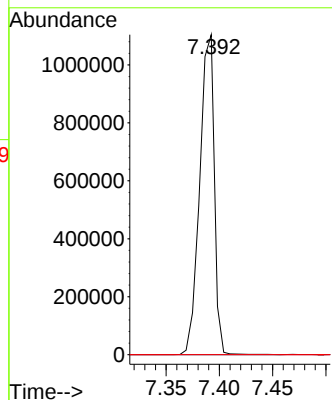
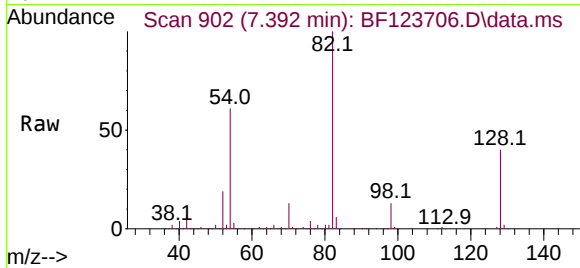




#25
Isophorone
Concen: 31.88 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.271 min
Lab File: BF123706.D
Acq: 23 Apr 2021 21:59

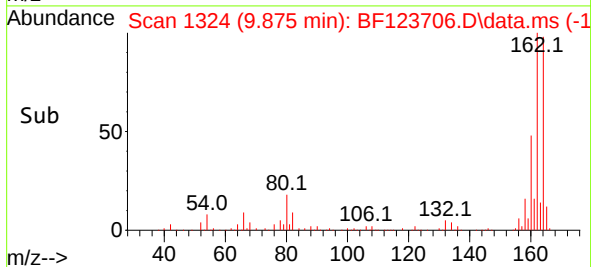
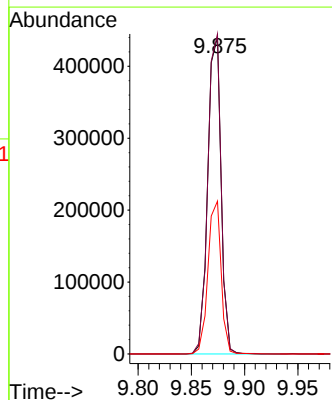
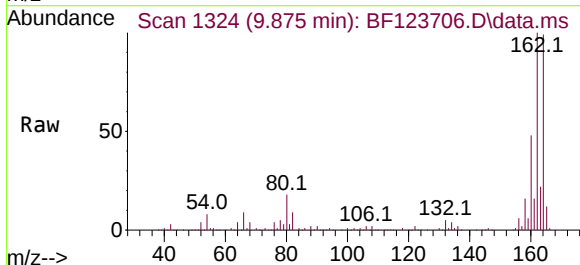
Instrument :
BNA_F
ClientSampleId :
PE-8

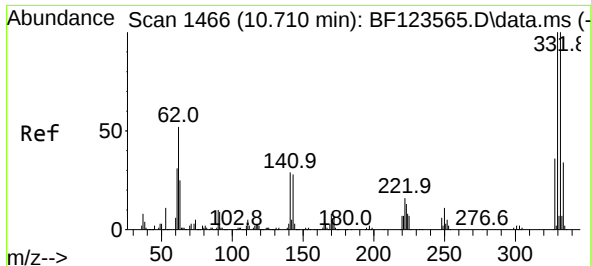
Tgt Ion: 82 Resp: 1056668
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF123706.D
Acq: 23 Apr 2021 21:59

Tgt Ion: 164 Resp: 384828
Ion Ratio Lower Upper
164 100
162 101.0 80.7 121.1
160 48.2 37.3 55.9

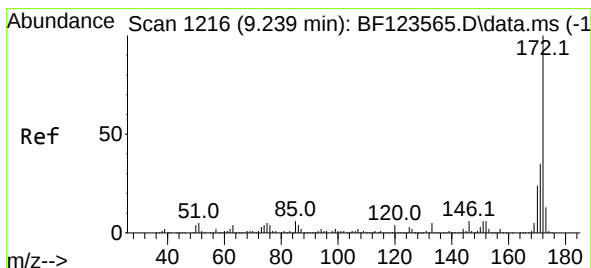
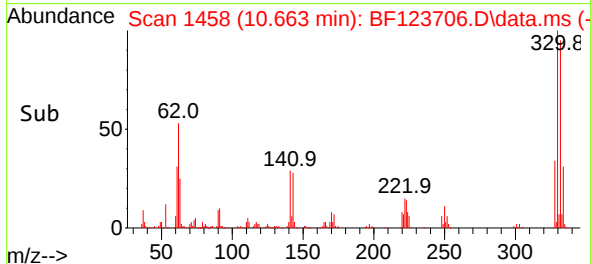
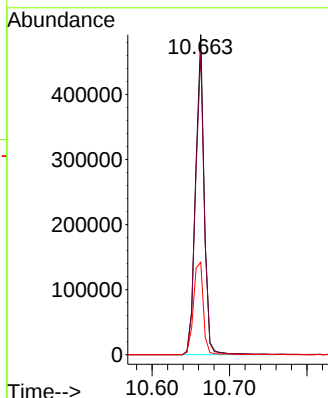
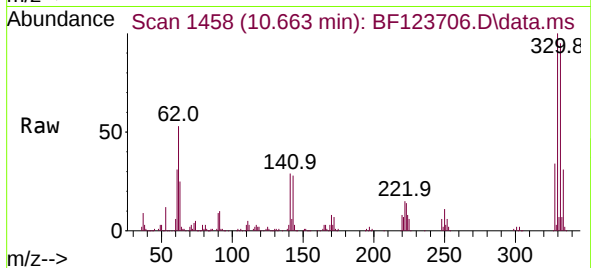




#42
2,4,6-Tribromophenol
Concen: 86.86 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF123706.D
Acq: 23 Apr 2021 21:59

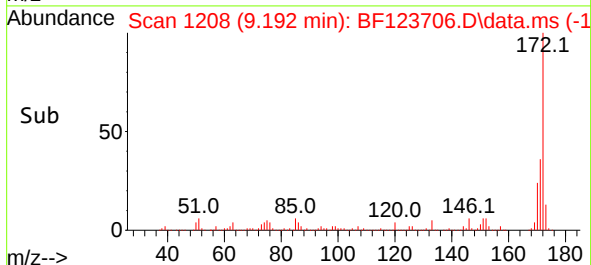
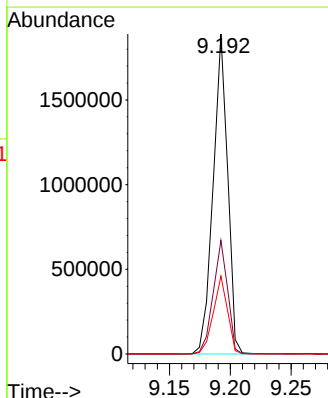
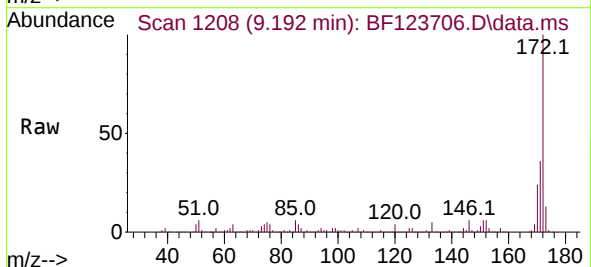
Instrument :
BNA_F
ClientSampled :
PE-8

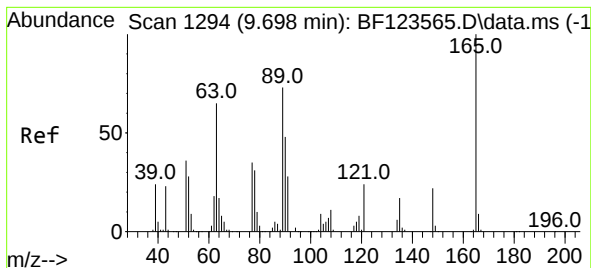
Tgt Ion: 330 Resp: 378526
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 33.4 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 60.88 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF123706.D
Acq: 23 Apr 2021 21:59

Tgt Ion: 172 Resp: 1571610
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 24.3 19.2 28.8





#51

2,6-Dinitrotoluene

Concen: 8.35 ng

RT: 9.869 min Scan# 1323

Delta R.T. 0.200 min

Lab File: BF123706.D

Acq: 23 Apr 2021 21:59

Tgt Ion:165 Resp: 48754

Ion Ratio Lower Upper

165 100

63 1.1 67.7 101.5#

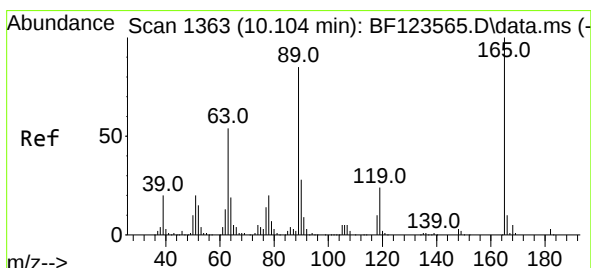
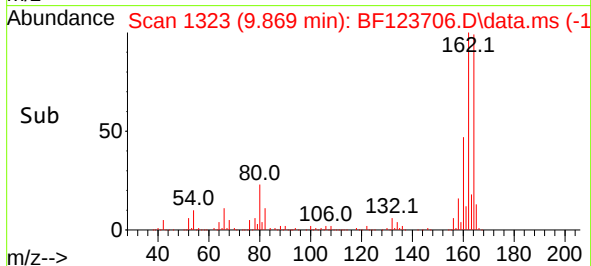
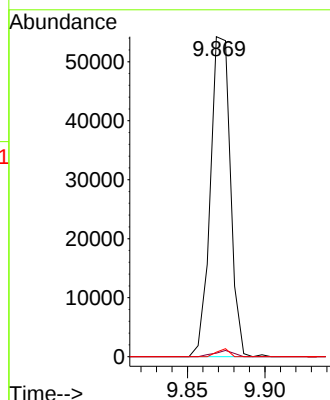
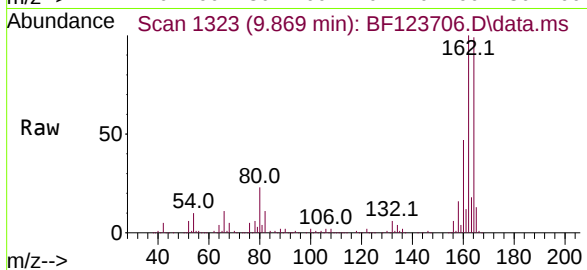
89 1.4 58.8 88.2#

Instrument :

BNA_F

ClientSampled :

PE-8



#57

2,4-Dinitrotoluene

Concen: 6.25 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.206 min

Lab File: BF123706.D

Acq: 23 Apr 2021 21:59

Tgt Ion:165 Resp: 48754

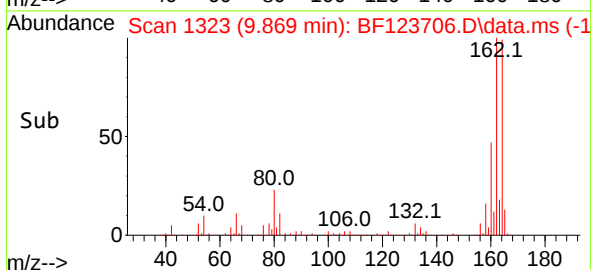
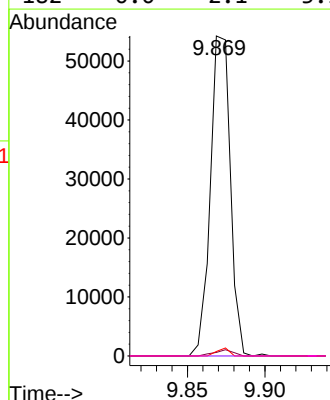
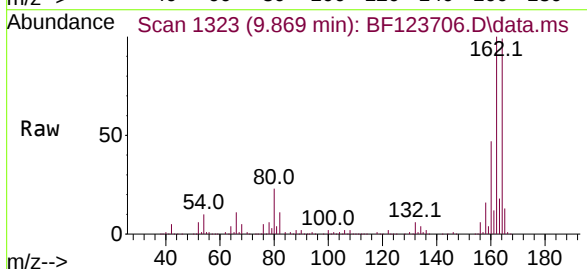
Ion Ratio Lower Upper

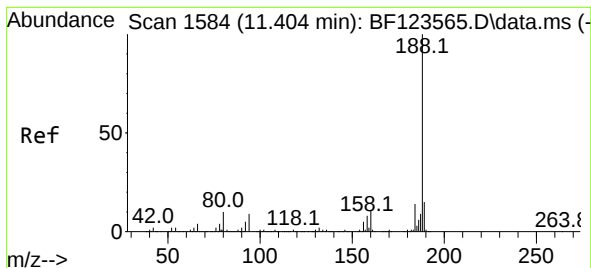
165 100

63 1.1 43.5 65.3#

89 1.4 67.7 101.5#

182 0.0 2.1 3.1#

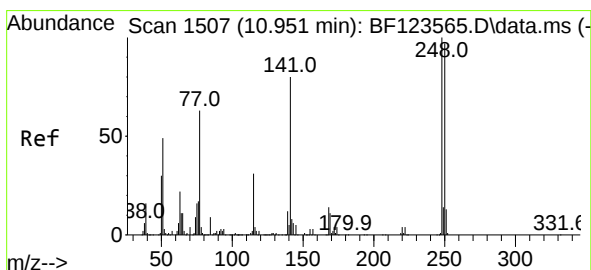
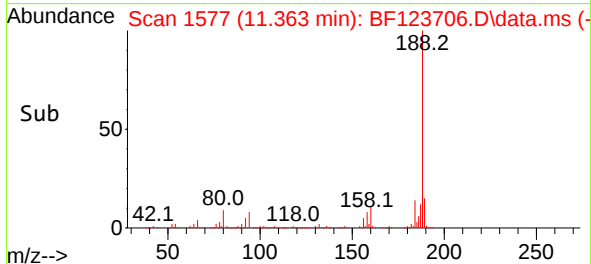
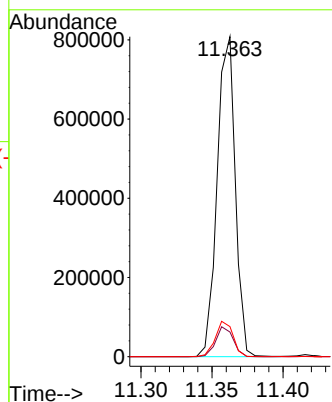
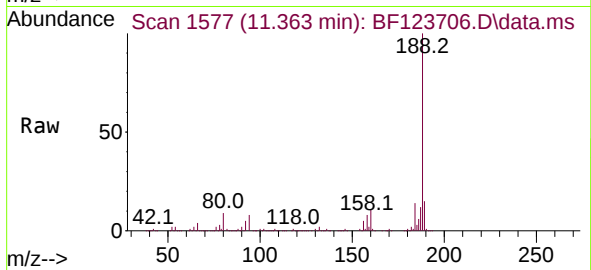




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF123706.D
Acq: 23 Apr 2021 21:59

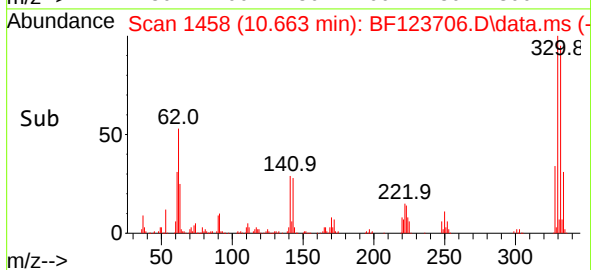
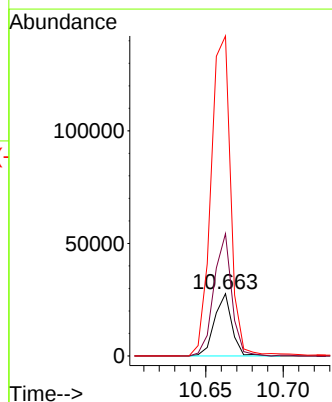
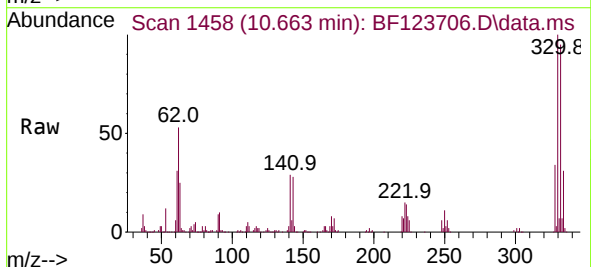
Instrument :
BNA_F
ClientSampled :
PE-8

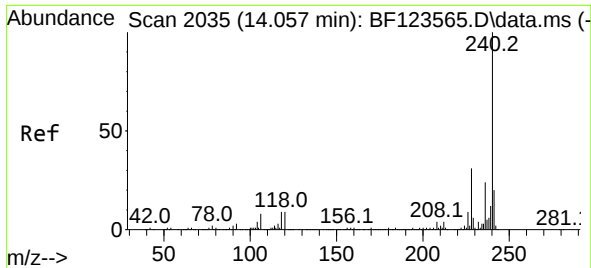
Tgt Ion:188	Resp:	717475
Ion Ratio	Lower	Upper
188	100	
94	7.7	6.9 10.3
80	9.4	8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 2.88 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.253 min
Lab File: BF123706.D
Acq: 23 Apr 2021 21:59

Tgt Ion:248	Resp:	21575
Ion Ratio	Lower	Upper
248	100	
250	196.4	77.4 116.2#
141	513.7	63.7 95.5#

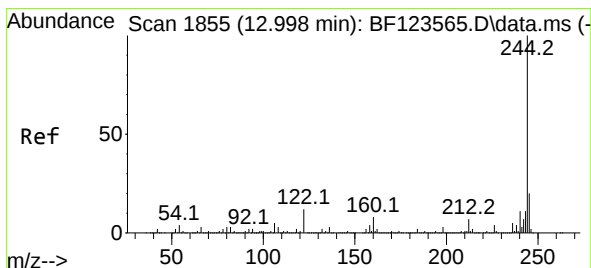
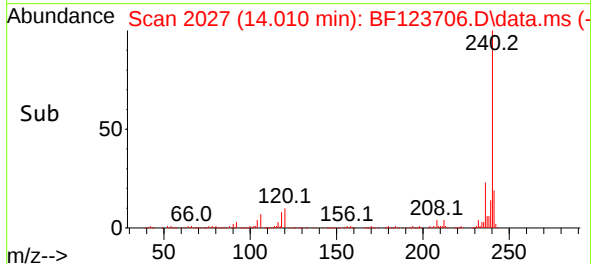
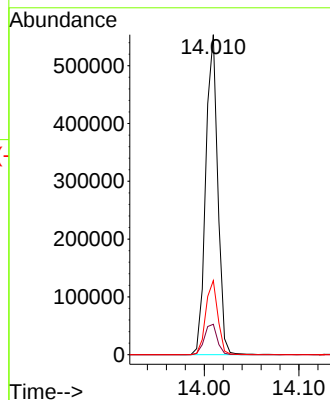
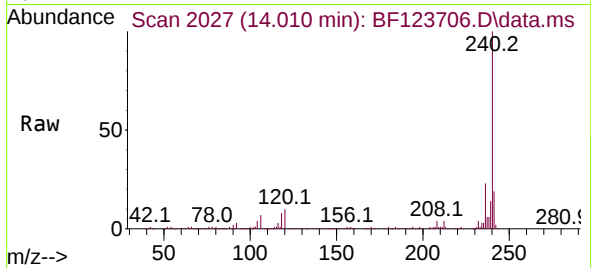




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF123706.D
Acq: 23 Apr 2021 21:59

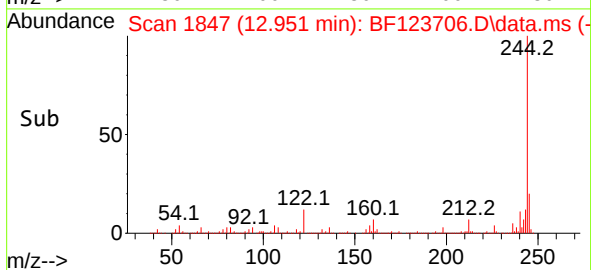
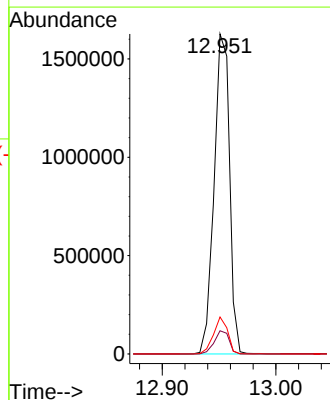
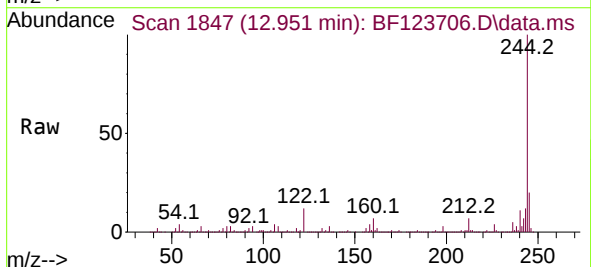
Instrument :
BNA_F
ClientSampled :
PE-8

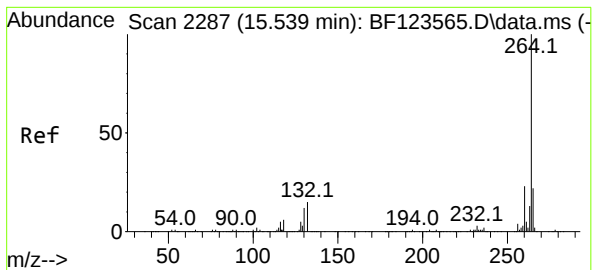
Tgt Ion:240 Resp: 487680
Ion Ratio Lower Upper
240 100
120 9.5 7.2 10.8
236 23.1 19.0 28.4



#79
Terphenyl-d14
Concen: 61.16 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BF123706.D
Acq: 23 Apr 2021 21:59

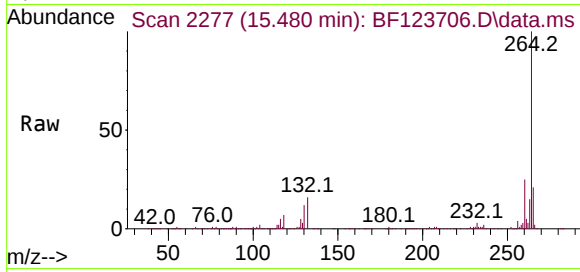
Tgt Ion:244 Resp: 1534761
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.6 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.012 min
 Lab File: BF123706.D
 Acq: 23 Apr 2021 21:59

Instrument :
 BNA_F
 ClientSampleId :
 PE-8



Tgt Ion:264 Resp: 437827

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	21.2	17.8	26.8

