

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050721\
 Data File : BF123869.D
 Acq On : 7 May 2021 15:49
 Operator : JU/CG
 Sample : PB136245BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136245BL

Quant Time: May 07 16:17:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 07 13:43:24 2021
 Response via : Initial Calibration

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

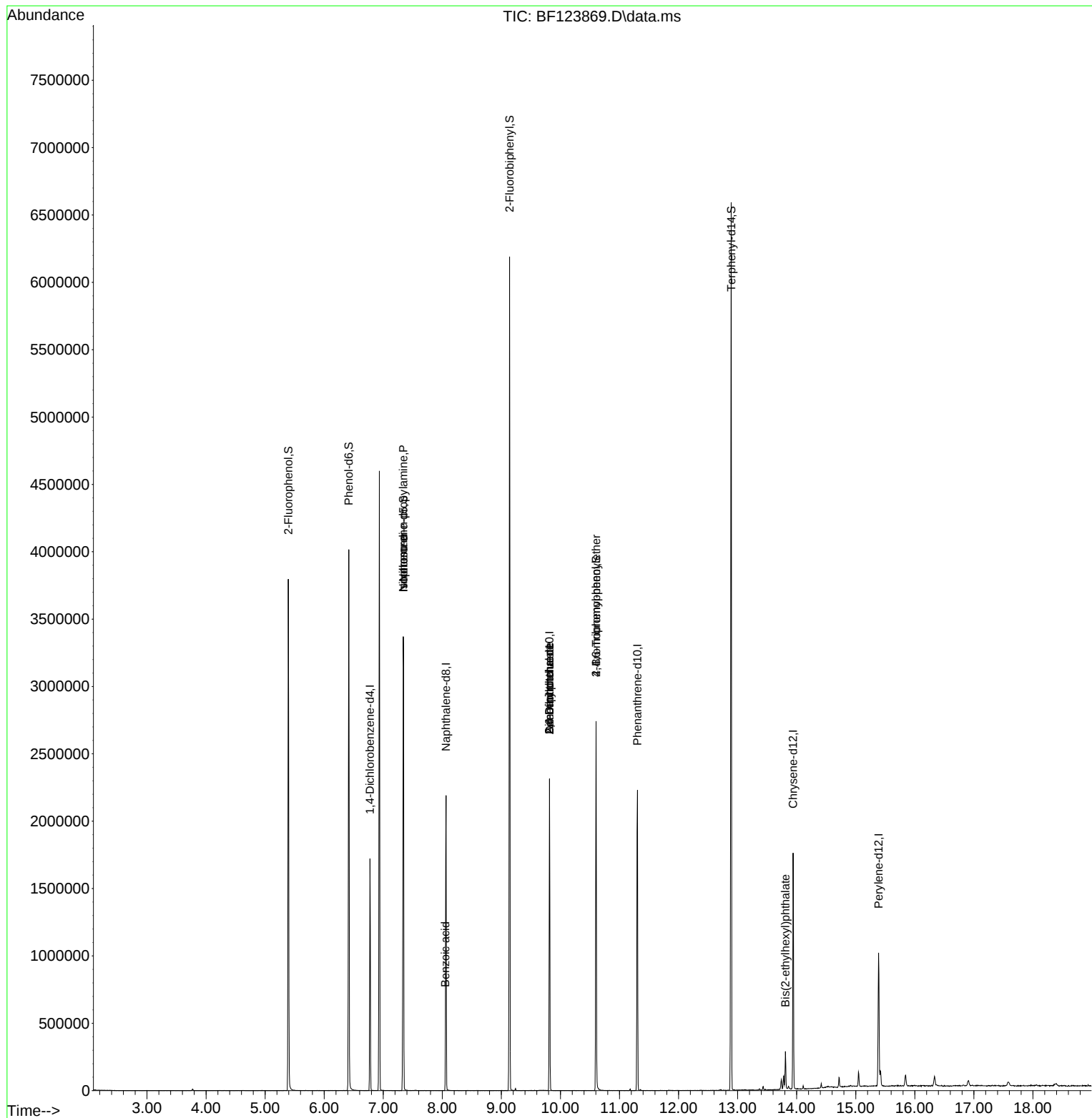
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	219446	20.00	ng	0.00
21) Naphthalene-d8	8.063	136	831486	20.00	ng	0.00
39) Acenaphthene-d10	9.816	164	426193	20.00	ng	0.00
64) Phenanthrene-d10	11.304	188	789285	20.00	ng	0.00
76) Chrysene-d12	13.939	240	598664	20.00	ng	0.00
86) Perylene-d12	15.386	264	451492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	835890	60.35	ng	0.00
7) Phenol-d6	6.416	99	1125948	59.01	ng	-0.01
23) Nitrobenzene-d5	7.339	82	1093979	59.39	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	306040	57.68	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1728287	59.06	ng	0.00
79) Terphenyl-d14	12.892	244	2253419	72.48	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.339	70	150053	12.74	ng	# 77
25) Isophorone	7.339	82	1076597	31.17	ng	# 69
32) Benzoic acid	8.051	122	137	5.40	ng	# 1
50) Dimethylphthalate	9.816	163	75774	2.52	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	54436	7.84	ng	# 11
57) 2,4-Dinitrotoluene	9.816	165	54436	5.75	ng	# 17
67) 4-Bromophenyl-phenylether	10.604	248	17270	2.08	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.810	149	74519	3.02	ng	# 53

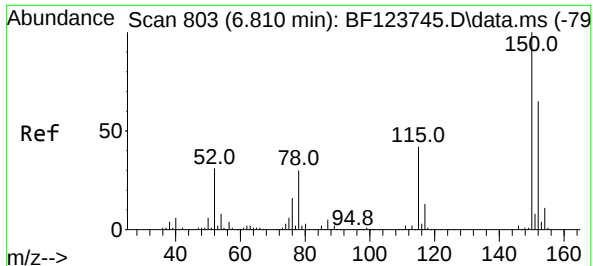
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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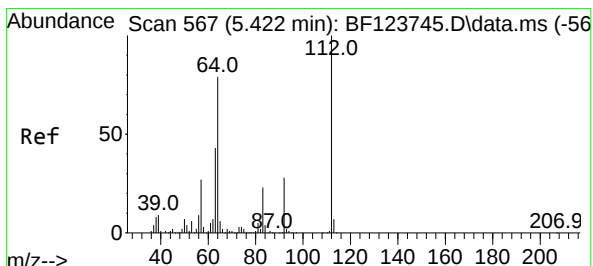
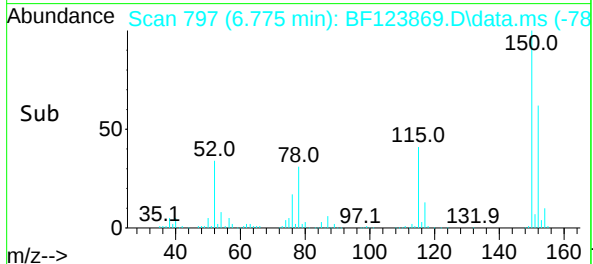
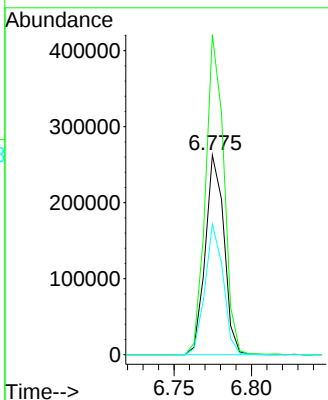
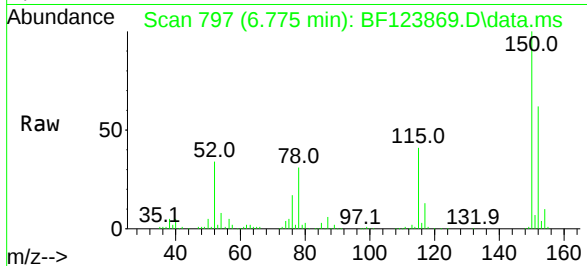




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF123869.D
Acq: 7 May 2021 15:49

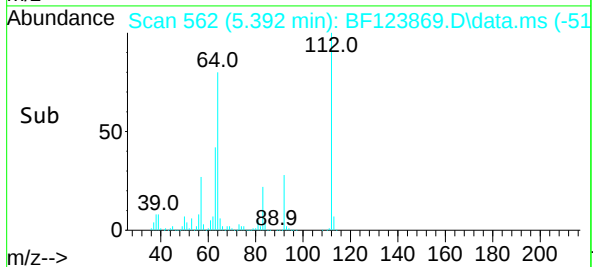
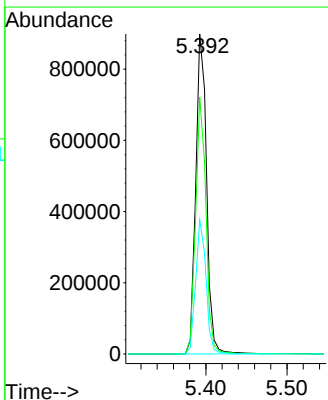
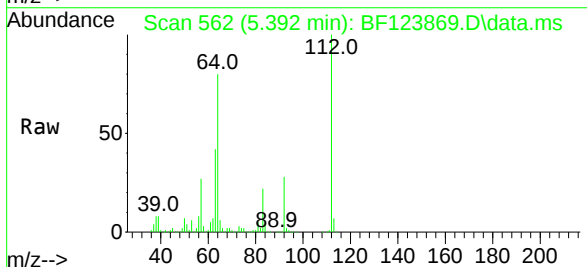
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BNA_F
ClientSampleId :
PB136245BL

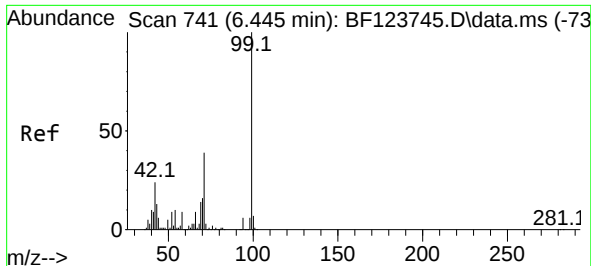
Tgt Ion:152 Resp: 219446
Ion Ratio Lower Upper
152 100
150 160.3 127.0 190.6
115 65.4 54.3 81.5



#5
2-Fluorophenol
Concen: 60.35 ng
RT: 5.392 min Scan# 562
Delta R.T. -0.006 min
Lab File: BF123869.D
Acq: 7 May 2021 15:49

Tgt Ion:112 Resp: 835890
Ion Ratio Lower Upper
112 100
64 80.3 61.4 92.0
63 41.8 33.0 49.4

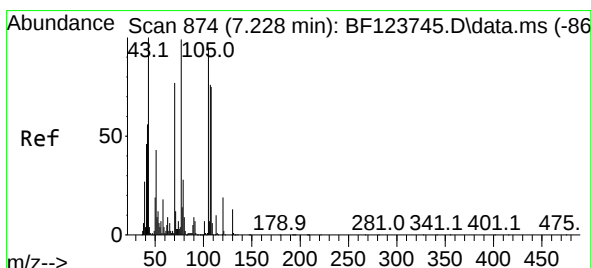
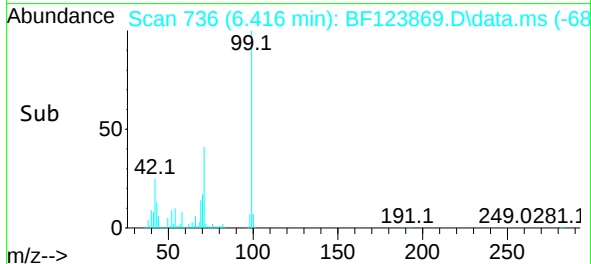
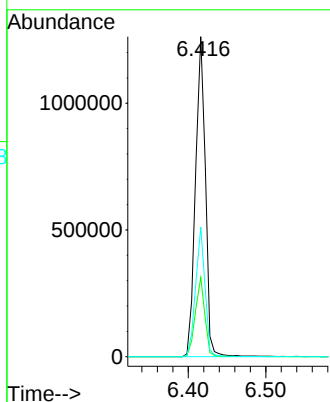
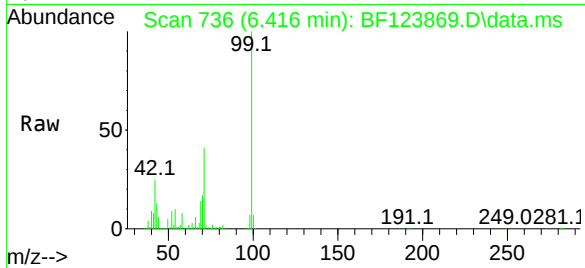




#7
Phenol-d6
Concen: 59.01 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF123869.D
Acq: 7 May 2021 15:49

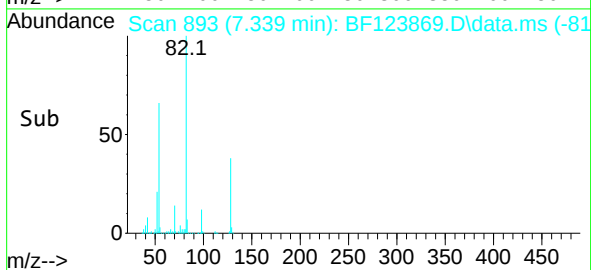
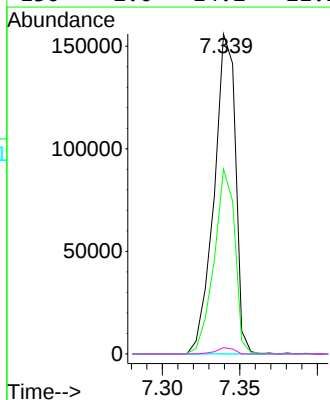
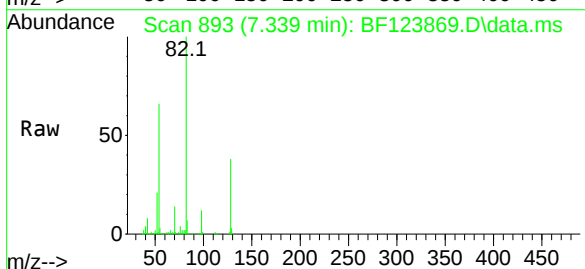
Instrument :
BNA_F
ClientSampleId :
PB136245BL

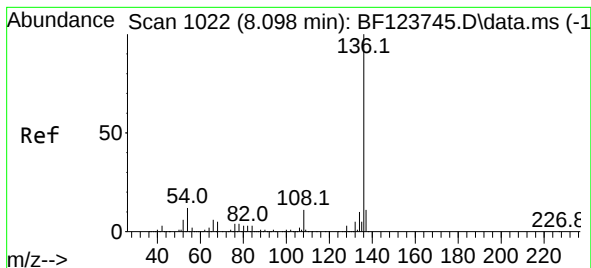
Tgt Ion: 99 Resp: 1125948
Ion Ratio Lower Upper
99 100
42 24.8 19.8 29.8
71 40.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.74 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.141 min
Lab File: BF123869.D
Acq: 7 May 2021 15:49

Tgt Ion: 70 Resp: 150053
Ion Ratio Lower Upper
70 100
42 57.8 60.1 90.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.2#

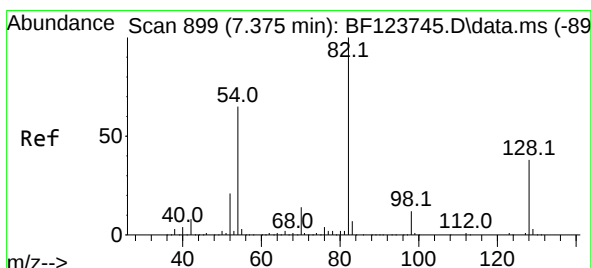
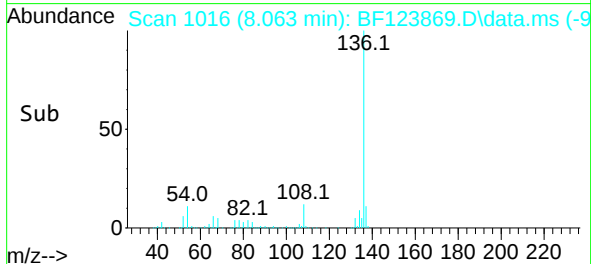
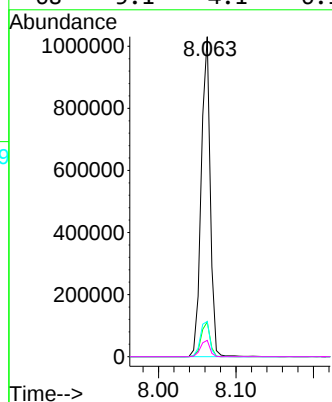
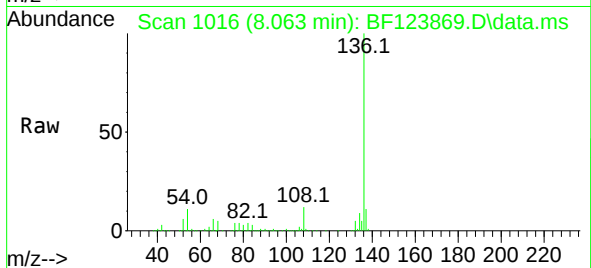




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.063 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF123869.D
Acq: 7 May 2021 15:49

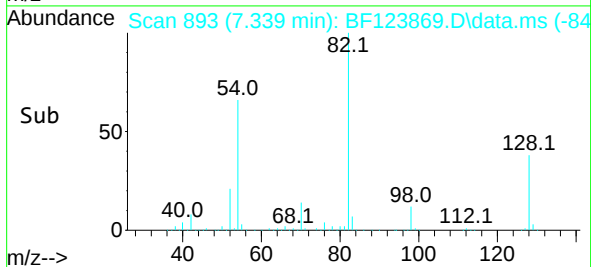
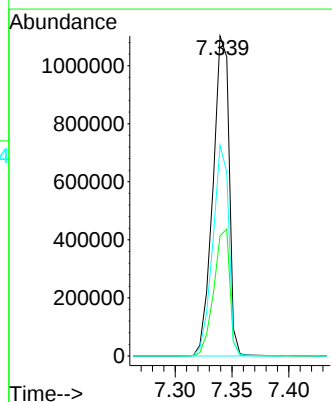
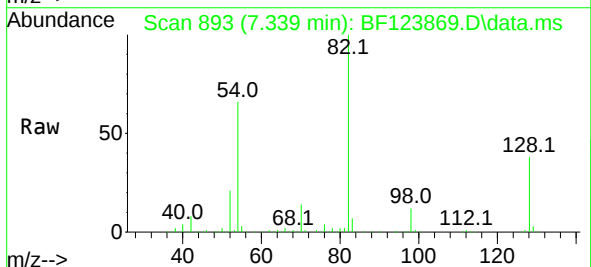
Instrument :
BNA_F
ClientSampleId :
PB136245BL

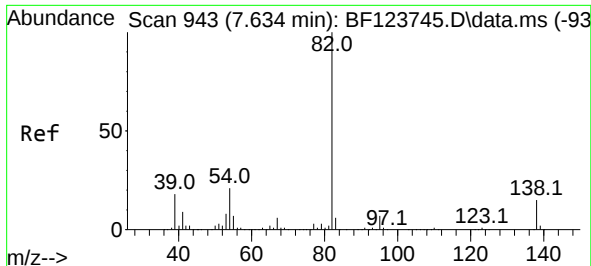
Tgt Ion:136 Resp: 831486
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 11.0 9.8 14.6
68 5.1 4.1 6.1



#23
Nitrobenzene-d5
Concen: 59.39 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF123869.D
Acq: 7 May 2021 15:49

Tgt Ion: 82 Resp: 1093979
Ion Ratio Lower Upper
82 100
128 37.5 29.4 44.2
54 65.8 54.1 81.1

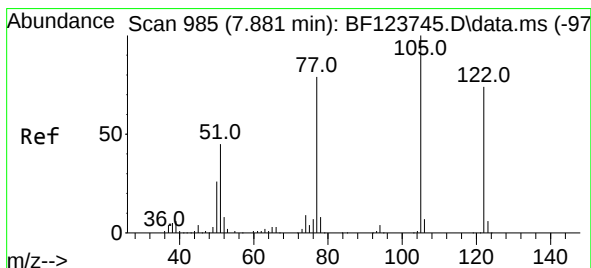
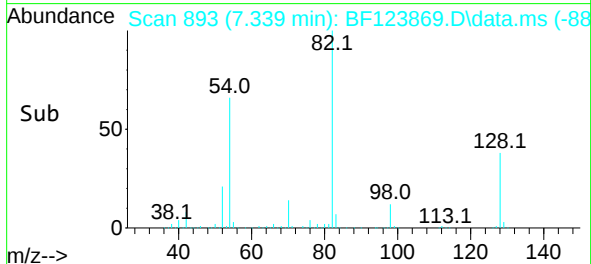
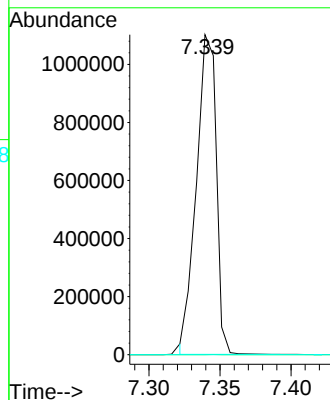
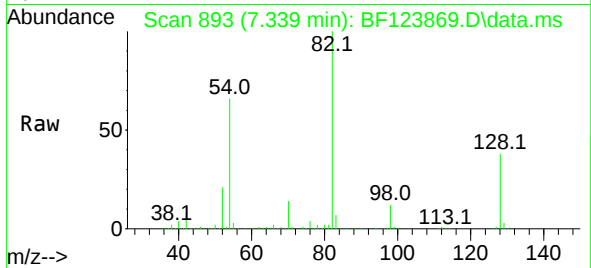




#25
Isophorone
Concen: 31.17 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.271 min
Lab File: BF123869.D
Acq: 7 May 2021 15:49

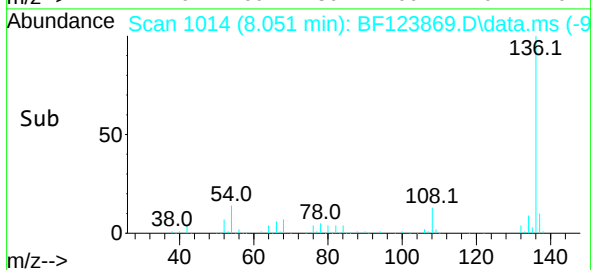
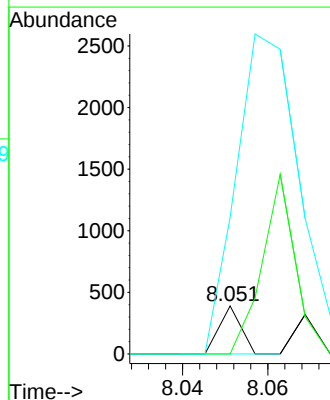
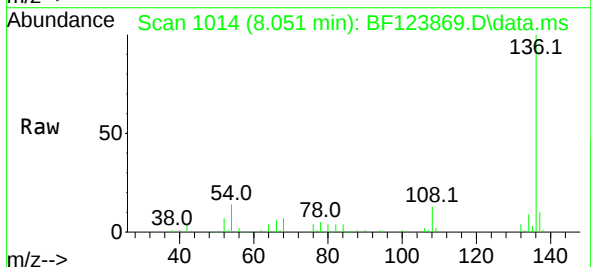
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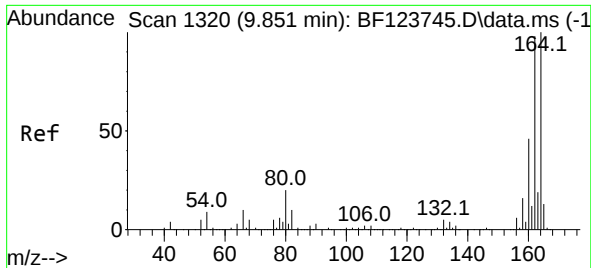
Tgt Ion: 82 Resp: 1076597
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.40 ng
RT: 8.051 min Scan# 1014
Delta R.T. 0.194 min
Lab File: BF123869.D
Acq: 7 May 2021 15:49

Tgt Ion:122 Resp: 137
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 285.1 81.6 121.6#

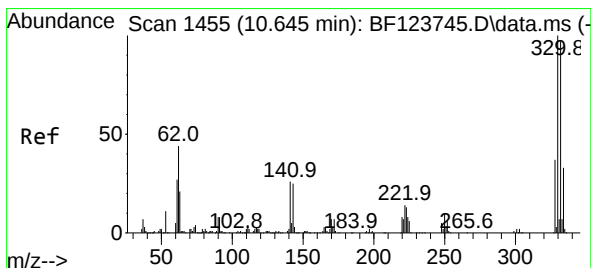
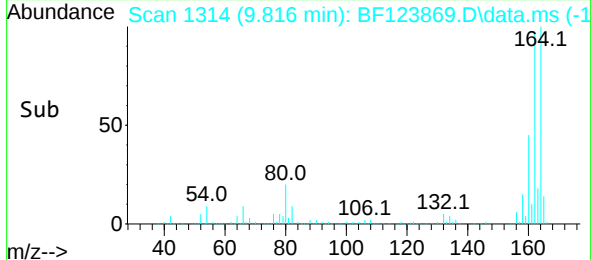
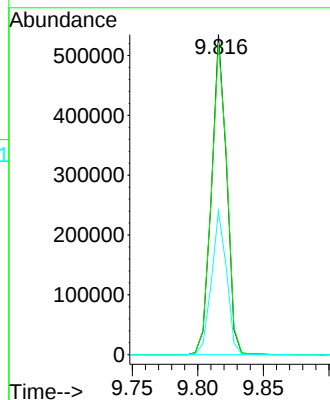
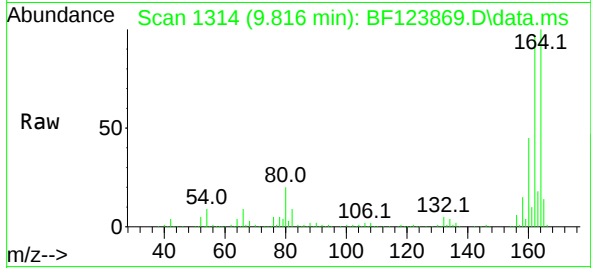




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF123869.D
Acq: 7 May 2021 15:49

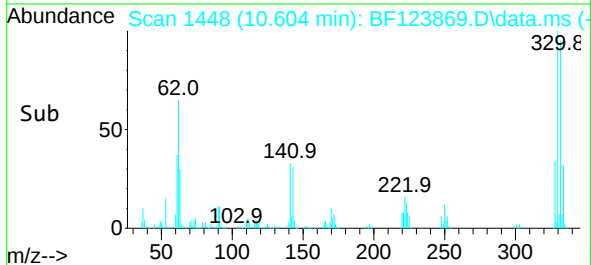
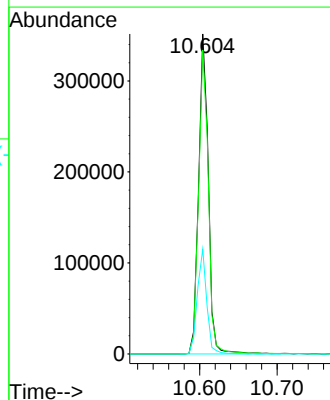
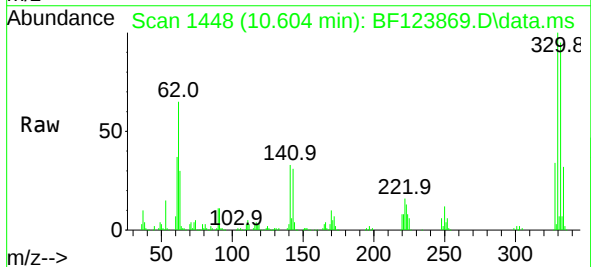
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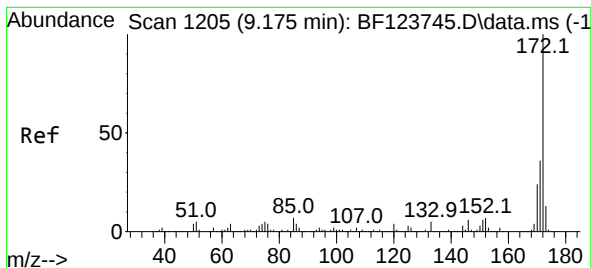
Tgt Ion:164 Resp: 426193
Ion Ratio Lower Upper
164 100
162 97.5 80.7 121.1
160 45.0 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 57.68 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF123869.D
Acq: 7 May 2021 15:49

Tgt Ion:330 Resp: 306040
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 31.9 27.9 41.9

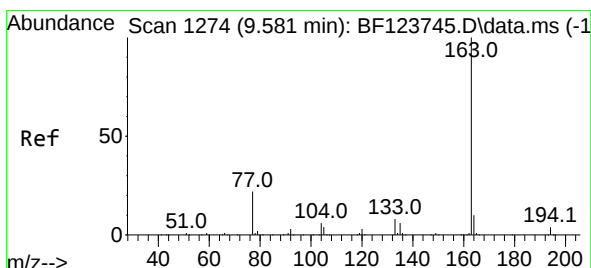
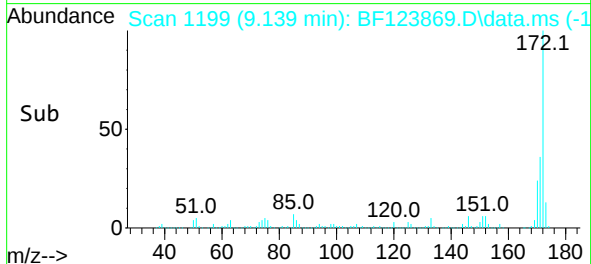
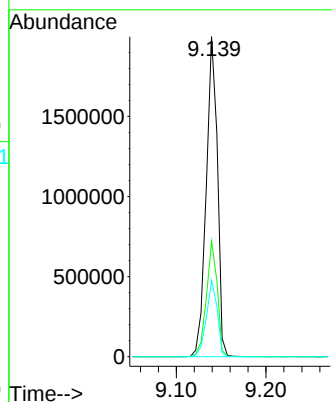
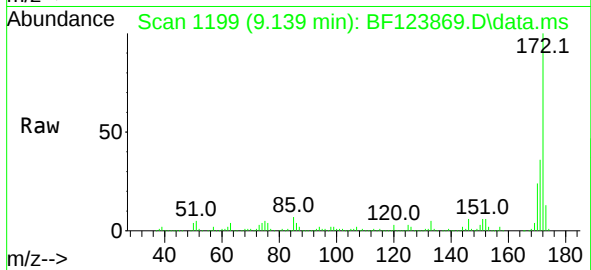




#45
2-Fluorobiphenyl
Concen: 59.06 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF123869.D
Acq: 7 May 2021 15:49

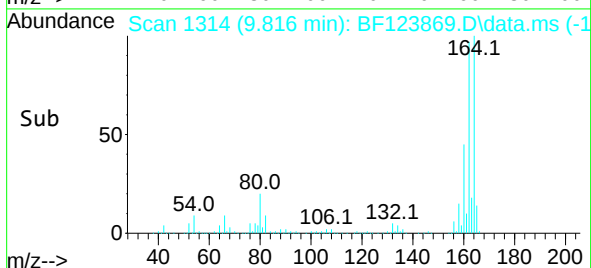
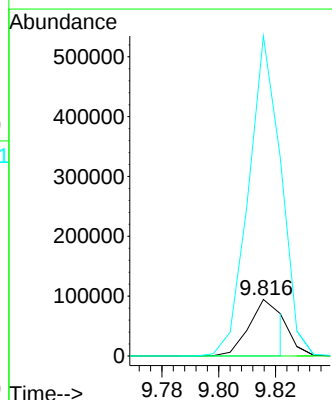
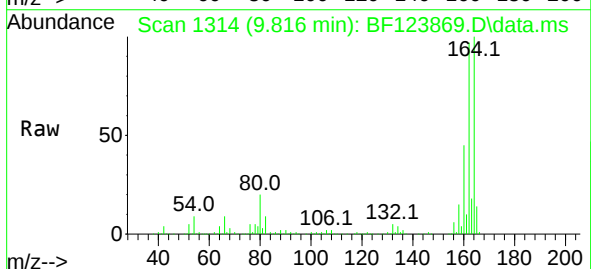
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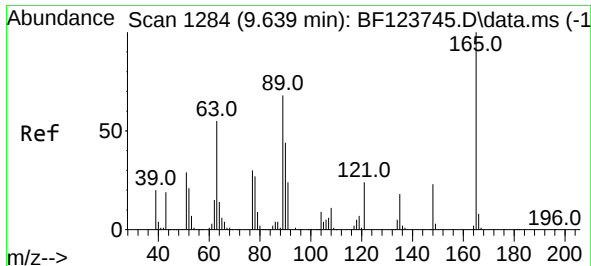
Tgt Ion:172 Resp: 1728287
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 23.9 19.2 28.8



#50
Dimethylphthalate
Concen: 2.52 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.265 min
Lab File: BF123869.D
Acq: 7 May 2021 15:49

Tgt Ion:163 Resp: 75774
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 566.2 8.2 12.2#

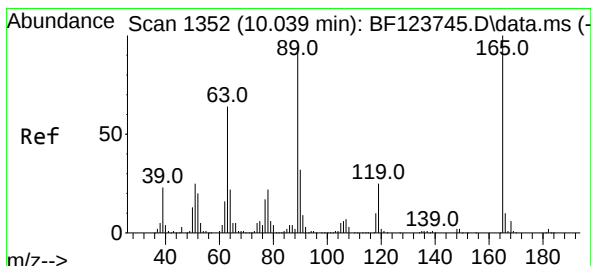
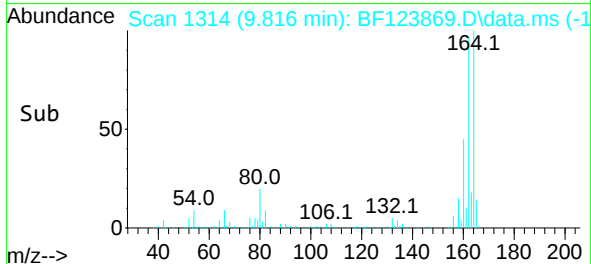
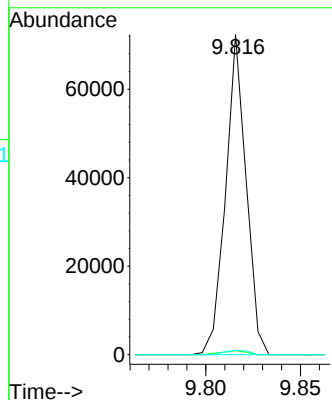
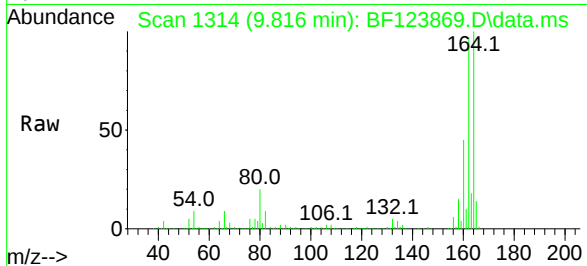




#51
2,6-Dinitrotoluene
Concen: 7.84 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.206 min
Lab File: BF123869.D
Acq: 7 May 2021 15:49

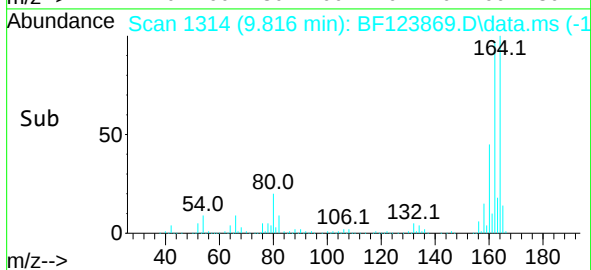
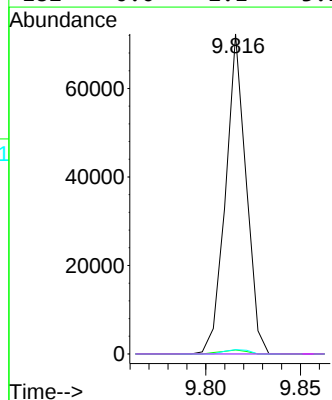
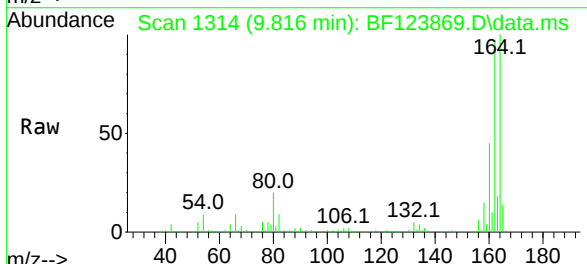
Instrument :
BNA_F
ClientSampleId :
PB136245BL

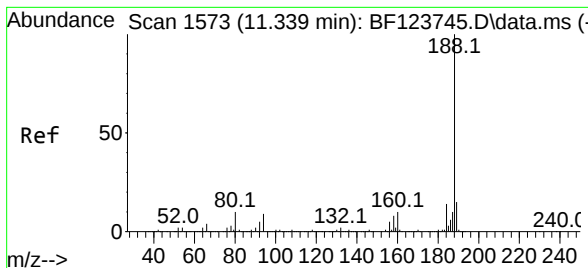
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Ion Ratio Lower Upper
165 100
63 1.3 67.7 101.5#
89 1.3 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.75 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF123869.D
Acq: 7 May 2021 15:49

Tgt Ion:165 Resp: 54436
Ion Ratio Lower Upper
165 100
63 1.3 43.5 65.3#
89 1.3 67.7 101.5#
182 0.0 2.1 3.1#

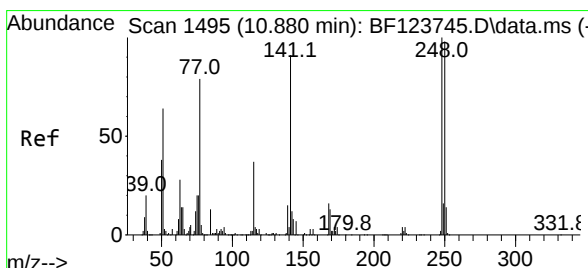
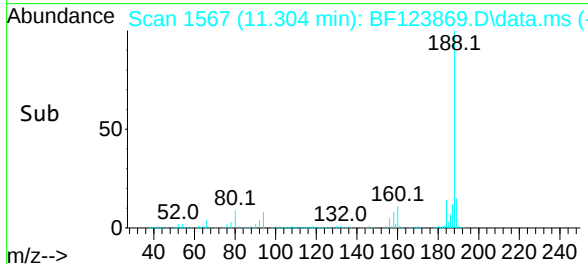
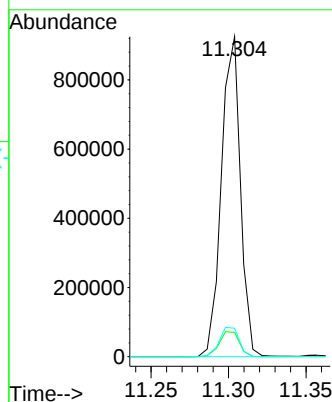
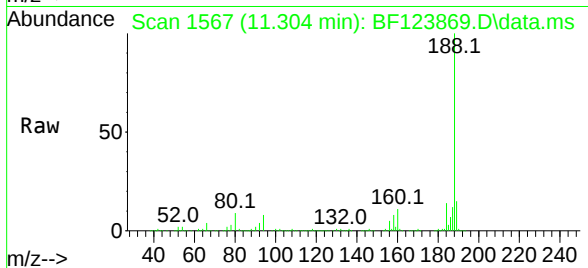




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.304 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF123869.D
Acq: 7 May 2021 15:49

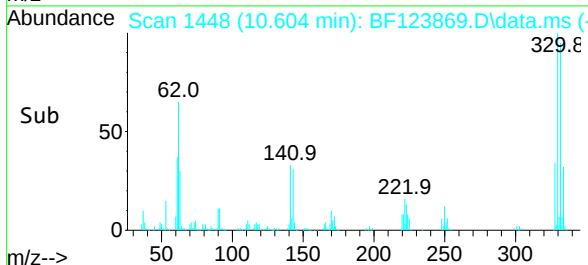
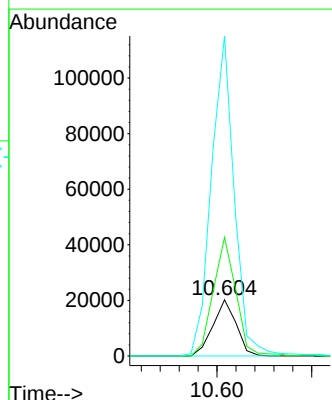
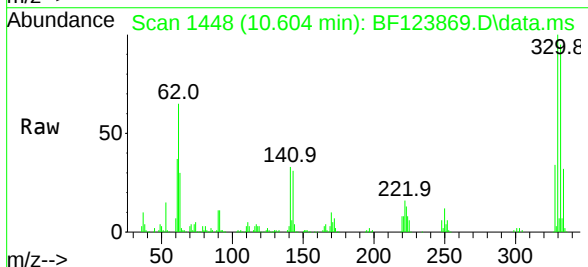
Instrument :
BNA_F
ClientSampleId :
PB136245BL

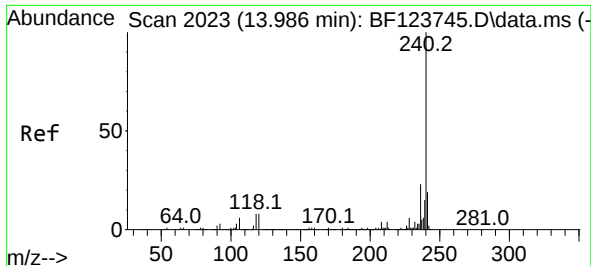
Tgt Ion:188 Resp: 789285
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 8.9 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 2.08 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.247 min
Lab File: BF123869.D
Acq: 7 May 2021 15:49

Tgt Ion:248 Resp: 17270
Ion Ratio Lower Upper
248 100
250 210.7 77.4 116.2#
141 568.9 63.7 95.5#

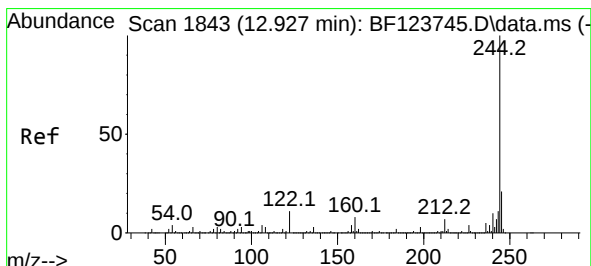
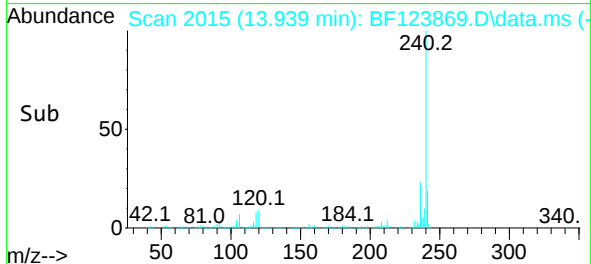
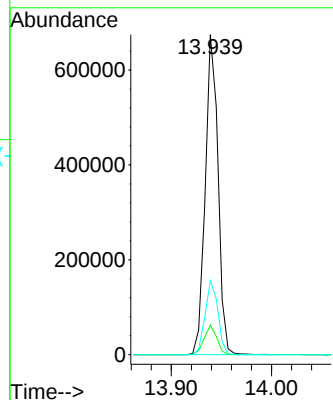
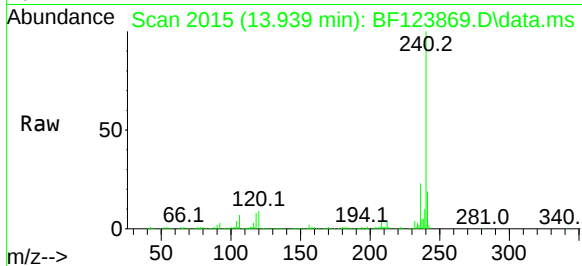




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF123869.D
Acq: 7 May 2021 15:49

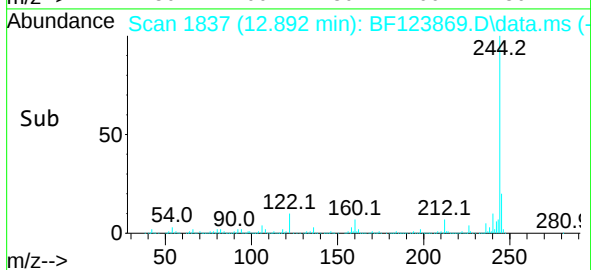
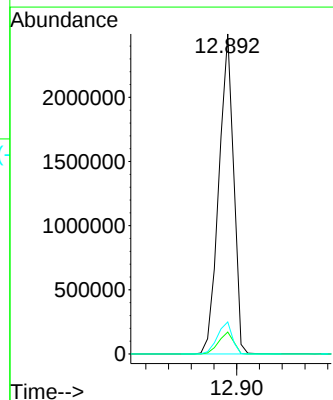
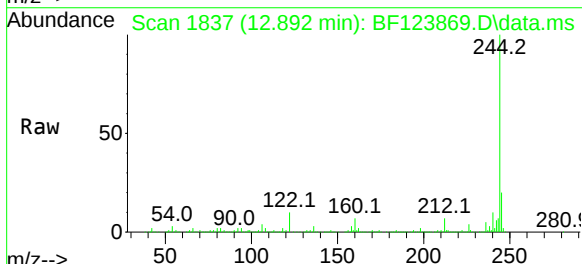
Instrument :
BNA_F
ClientSampleId :
PB136245BL

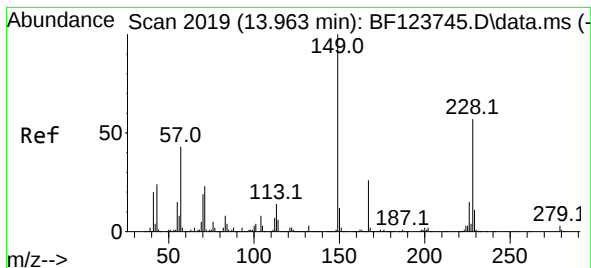
Tgt Ion:240 Resp: 598664
Ion Ratio Lower Upper
240 100
120 9.2 7.2 10.8
236 23.1 19.0 28.4



#79
Terphenyl-d14
Concen: 72.48 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF123869.D
Acq: 7 May 2021 15:49

Tgt Ion:244 Resp: 2253419
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 10.0 9.7 14.5

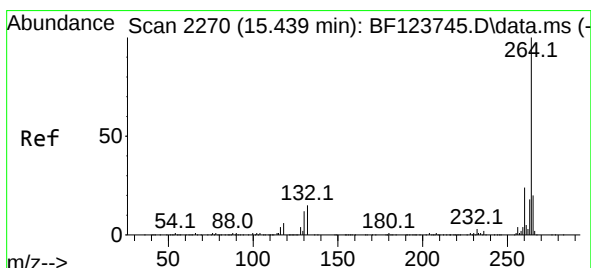
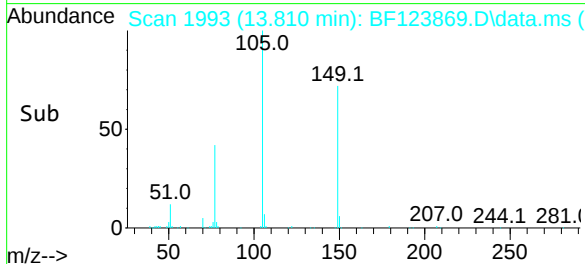
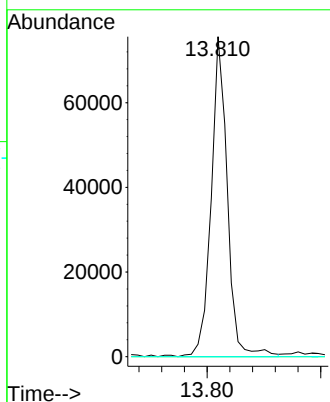
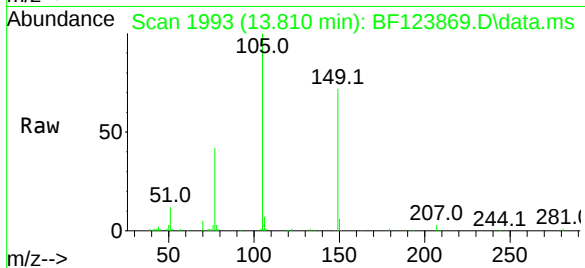




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.02 ng
 RT: 13.810 min Scan# 1993
 Delta R.T. -0.118 min
 Lab File: BF123869.D
 Acq: 7 May 2021 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB136245BL

Tgt Ion:149 Resp: 74519
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.8 32.6#
 279 0.0 3.3 4.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.386 min Scan# 2261
 Delta R.T. 0.000 min
 Lab File: BF123869.D
 Acq: 7 May 2021 15:49

Tgt Ion:264 Resp: 451492
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 22.0 17.8 26.8

