

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
 Data File : BF123936.D
 Acq On : 15 May 2021 9:36
 Operator : JU/CG
 Sample : PB136395BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136395BL

Quant Time: May 16 05:17:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

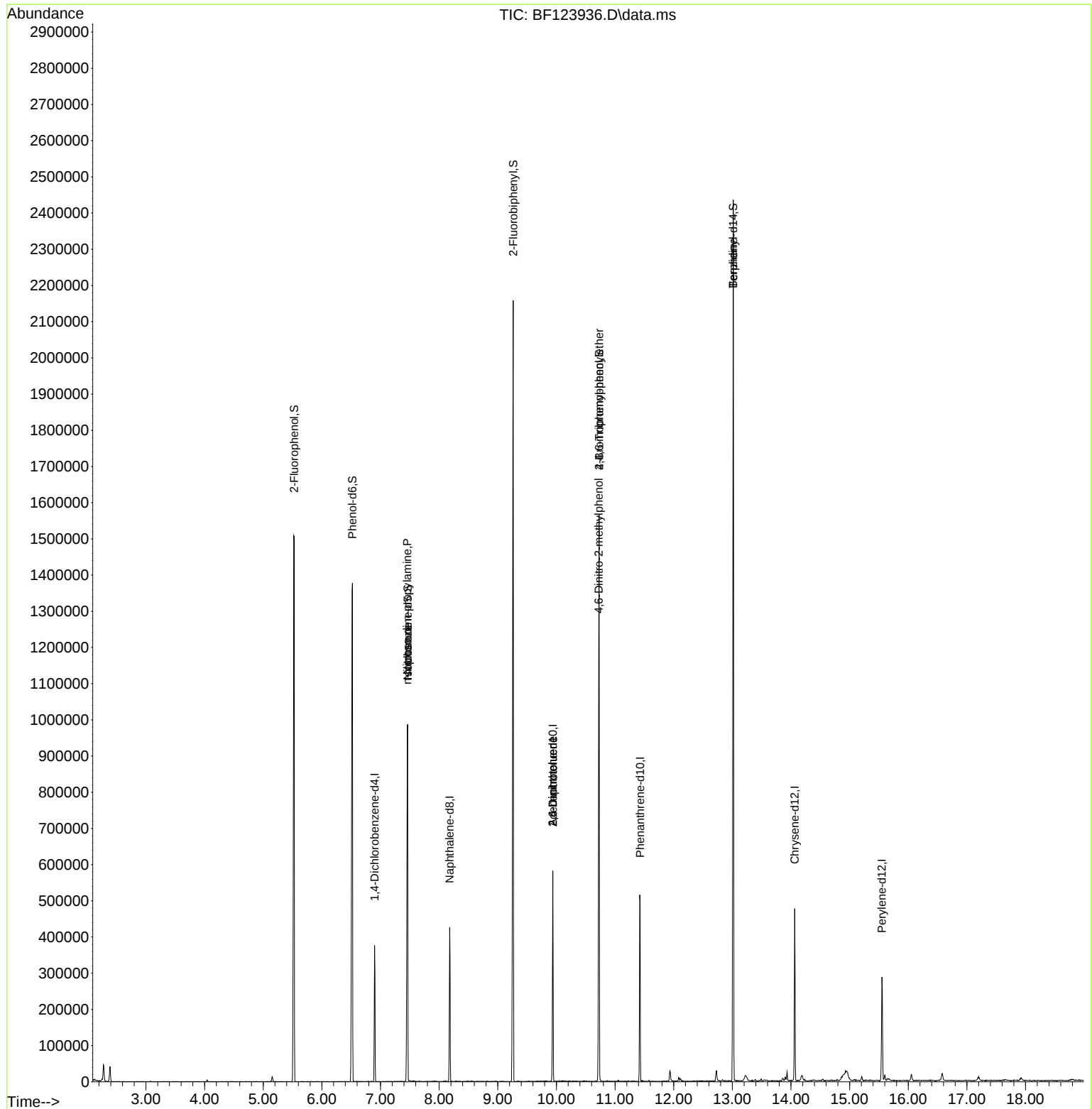
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	43230	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	173305	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	98015	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	176224	20.00	ng	0.00
76) Chrysene-d12	14.063	240	145106	20.00	ng	0.00
86) Perylene-d12	15.551	264	122865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	378215	122.84	ng	0.02
7) Phenol-d6	6.522	99	472445	118.28	ng	0.00
23) Nitrobenzene-d5	7.463	82	343695	85.45	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	153389	130.29	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	625624	78.55	ng	0.00
79) Terphenyl-d14	13.016	244	745532	77.82	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	47262	17.51	ng	# 83
25) Isophorone	7.463	82	343686	44.42	ng	# 69
51) 2,6-Dinitrotoluene	9.939	165	13207	8.34	ng	# 12
57) 2,4-Dinitrotoluene	9.939	165	13207	6.80	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.722	198	296	5.67	ng	# 27
67) 4-Bromophenyl-phenylether	10.727	248	9852	4.25	ng	# 1
77) Benzidine	13.016	184	12077	3.45	ng	99

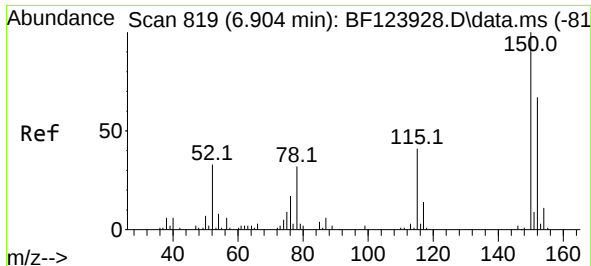
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
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QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

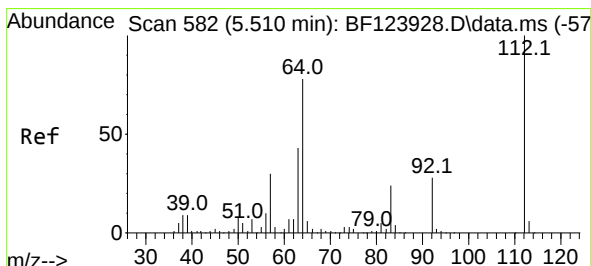
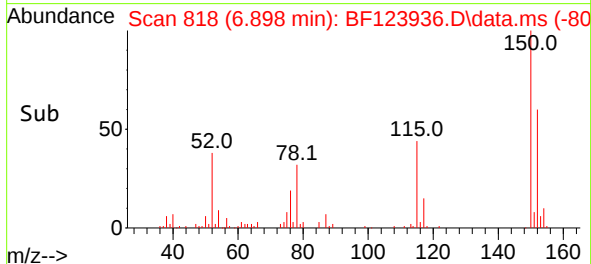
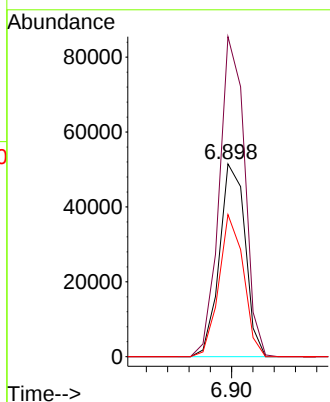
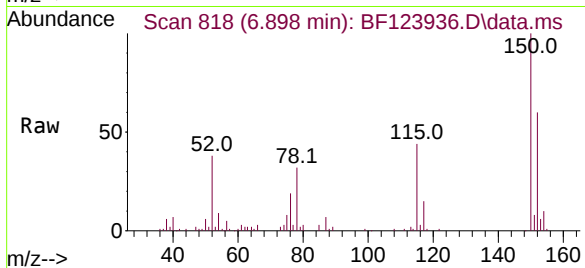




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF123936.D
Acq: 15 May 2021 9:36

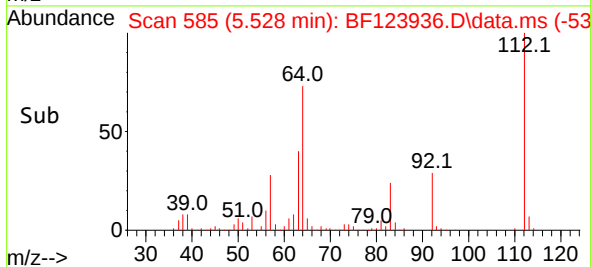
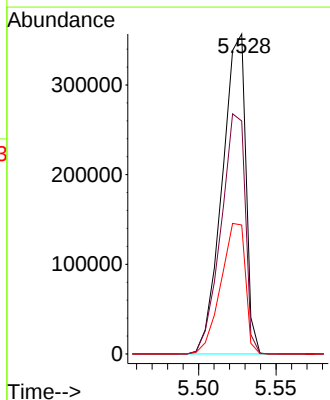
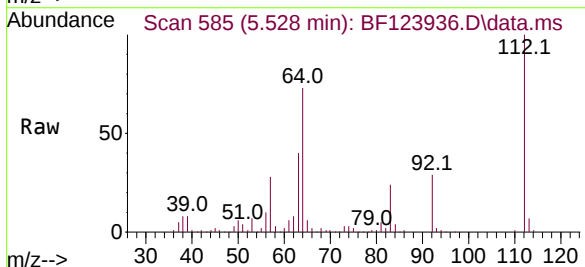
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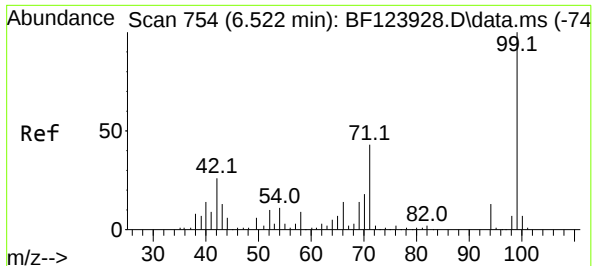
Tgt Ion:152 Resp: 43230
Ion Ratio Lower Upper
152 100
150 165.9 127.0 190.6
115 73.7 54.3 81.5



#5
2-Fluorophenol
Concen: 122.84 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF123936.D
Acq: 15 May 2021 9:36

Tgt Ion:112 Resp: 378215
Ion Ratio Lower Upper
112 100
64 72.8 61.4 92.0
63 40.3 33.0 49.4

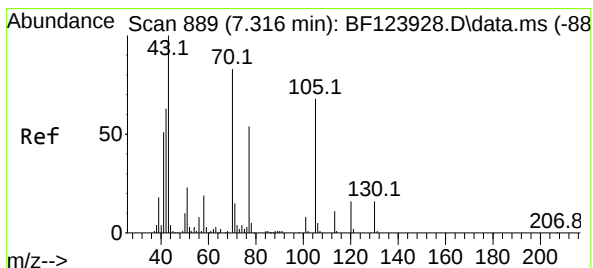
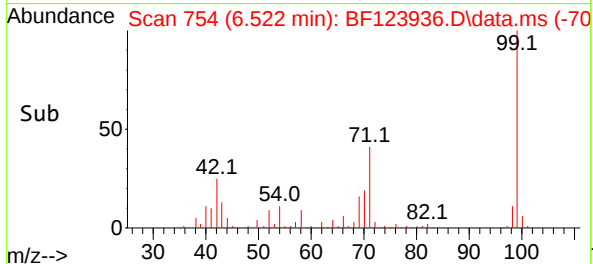
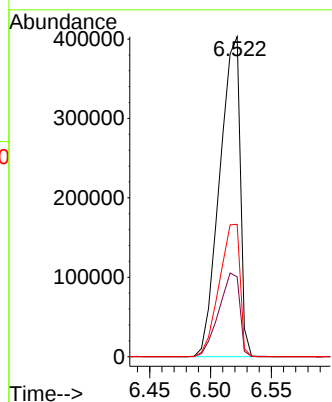
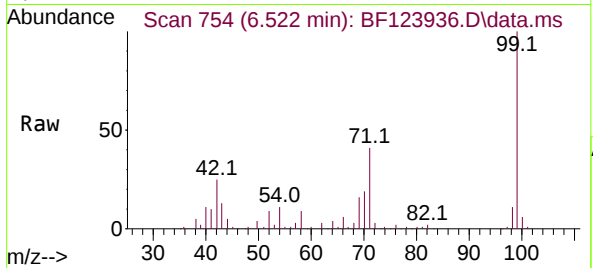




#7
Phenol-d6
Concen: 118.28 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF123936.D
Acq: 15 May 2021 9:36

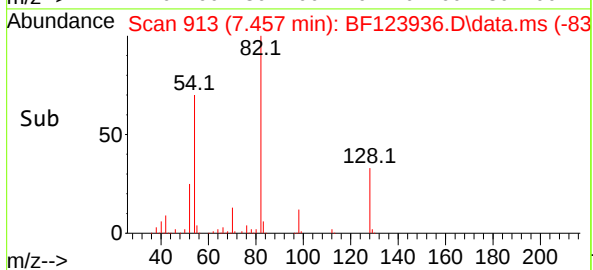
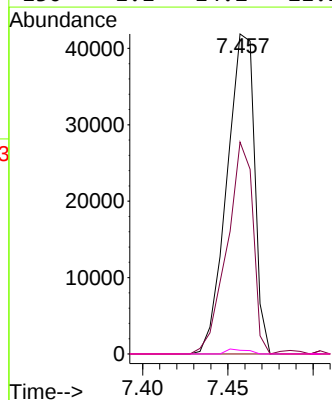
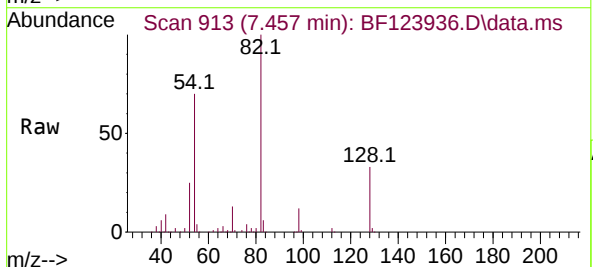
Instrument :
BNA_F
ClientSampleId :
PB136395BL

Tgt Ion: 99 Resp: 472445
Ion Ratio Lower Upper
99 100
42 24.9 19.8 29.8
71 41.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.51 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF123936.D
Acq: 15 May 2021 9:36

Tgt Ion: 70 Resp: 47262
Ion Ratio Lower Upper
70 100
42 66.2 60.1 90.1
101 0.0 7.4 11.2#
130 1.1 14.2 21.2#

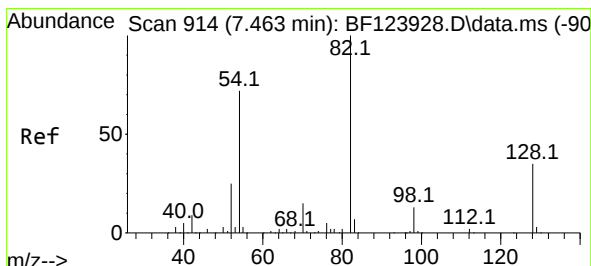
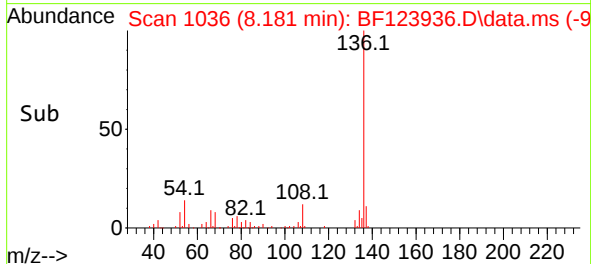
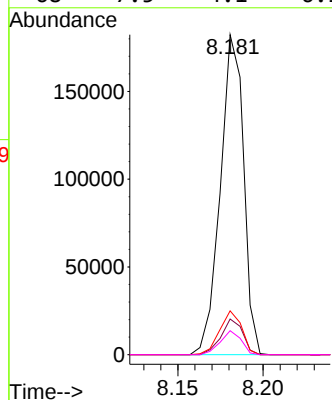
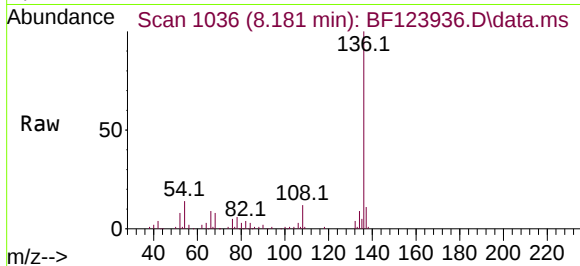




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.005 min
Lab File: BF123936.D
Acq: 15 May 2021 9:36

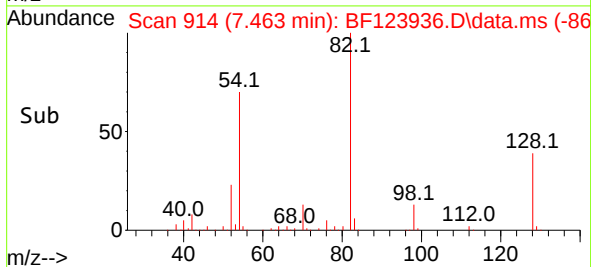
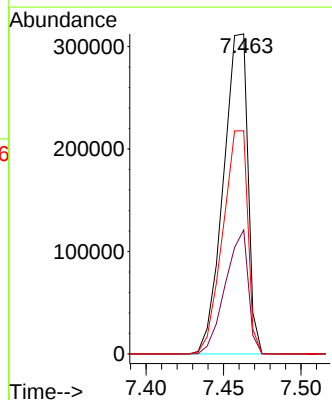
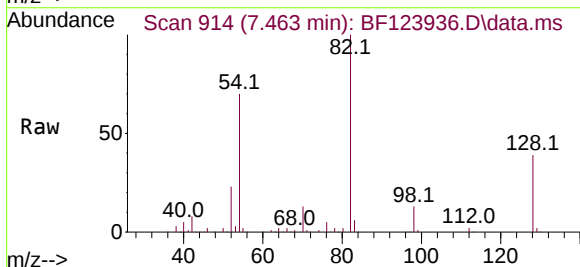
Instrument :
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ClientSampleId :
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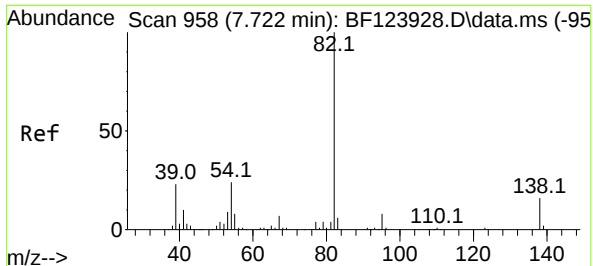
Tgt Ion:136	Resp:	173305
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.7 13.1
54	13.7	9.8 14.6
68	7.5	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 85.45 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123936.D
Acq: 15 May 2021 9:36

Tgt Ion: 82	Resp:	343695
Ion Ratio	Lower	Upper
82	100	
128	38.8	29.4 44.2
54	69.7	54.1 81.1

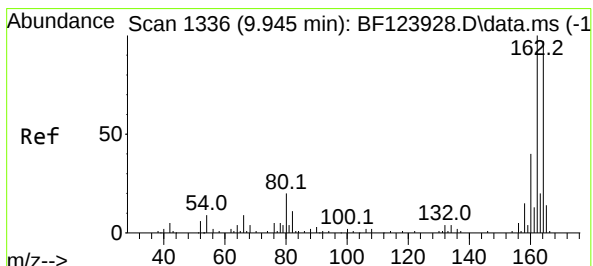
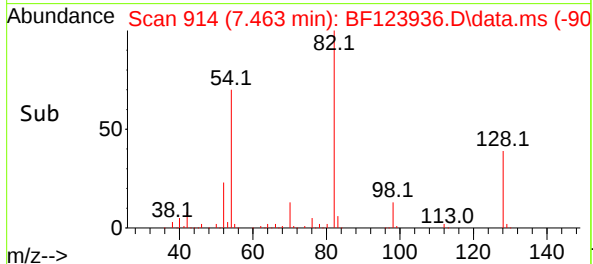
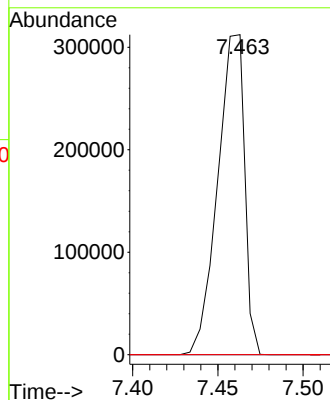
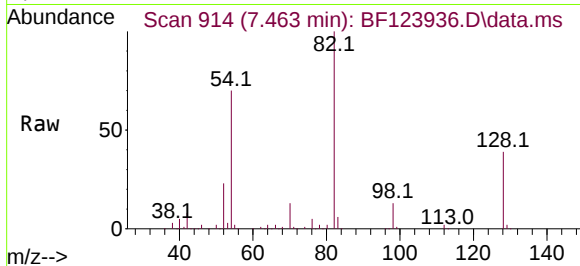




#25
Isophorone
Concen: 44.42 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123936.D
Acq: 15 May 2021 9:36

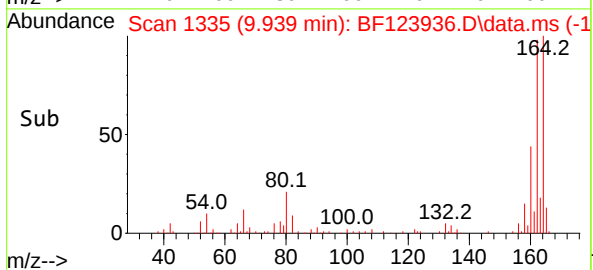
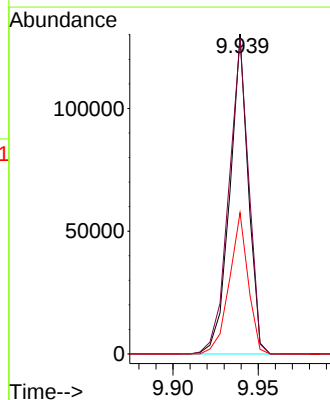
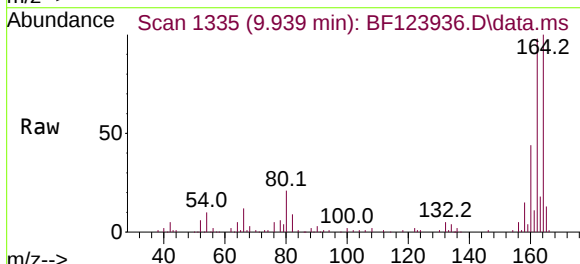
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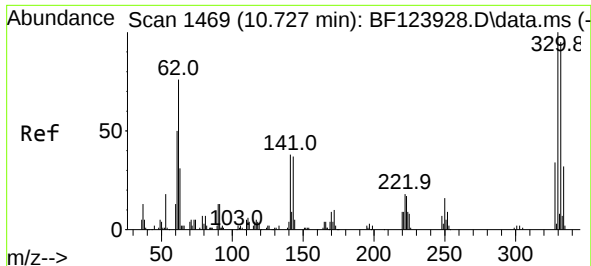
Tgt Ion: 82 Resp: 343686
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123936.D
Acq: 15 May 2021 9:36

Tgt Ion: 164 Resp: 98015
Ion Ratio Lower Upper
164 100
162 98.5 80.7 121.1
160 44.2 37.3 55.9

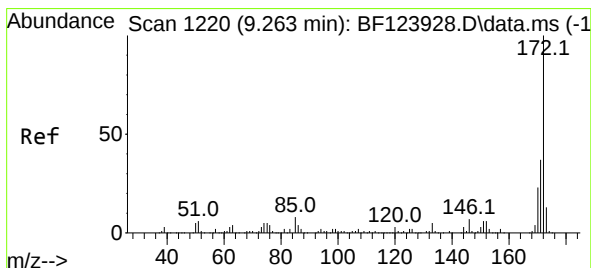
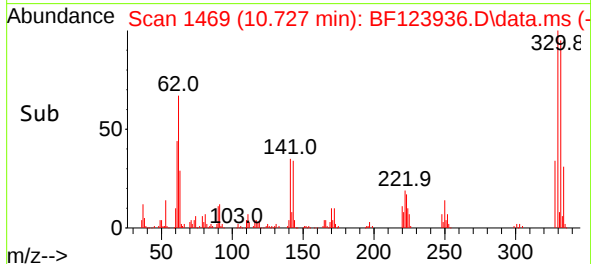
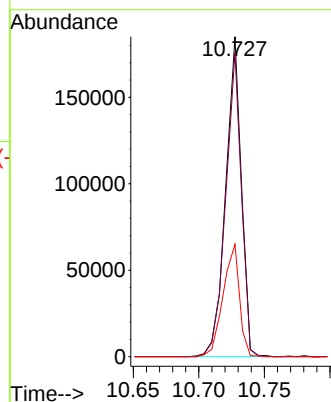
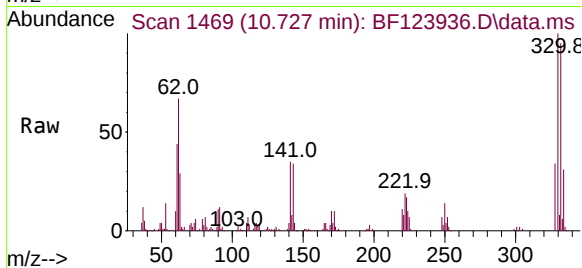




#42
2,4,6-Tribromophenol
Concen: 130.29 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF123936.D
Acq: 15 May 2021 9:36

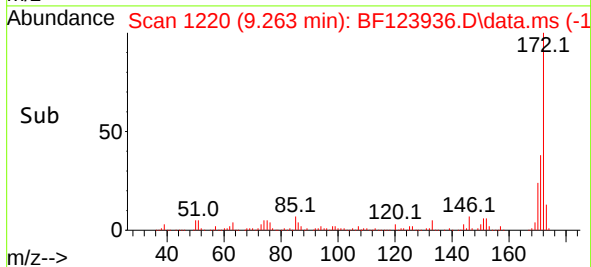
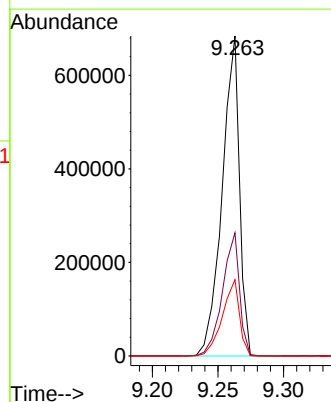
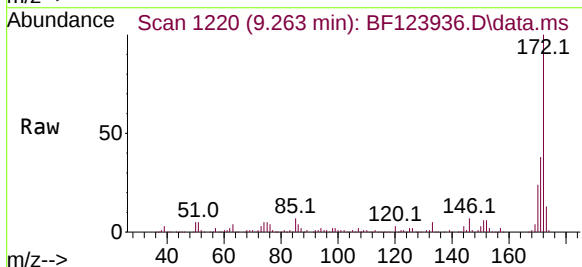
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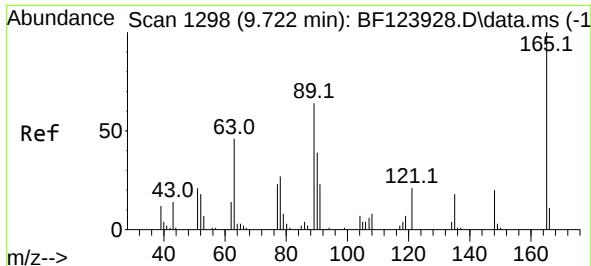
Tgt Ion:330 Resp: 153389
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 36.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 78.55 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123936.D
Acq: 15 May 2021 9:36

Tgt Ion:172 Resp: 625624
Ion Ratio Lower Upper
172 100
171 38.5 28.1 42.1
170 23.8 19.2 28.8

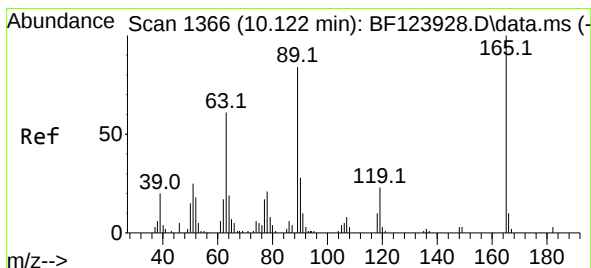
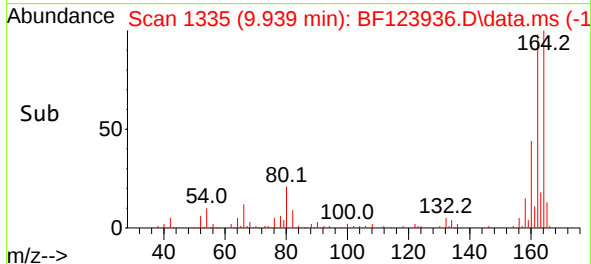
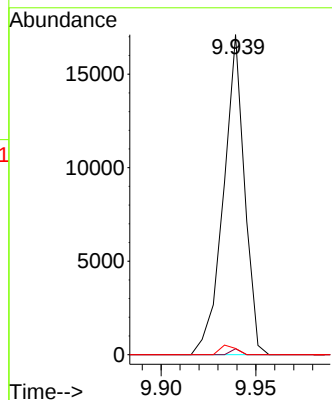
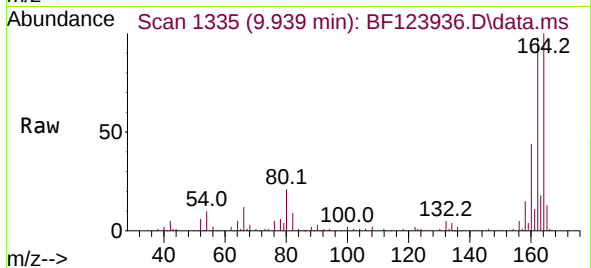




#51
2,6-Dinitrotoluene
Concen: 8.34 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.218 min
Lab File: BF123936.D
Acq: 15 May 2021 9:36

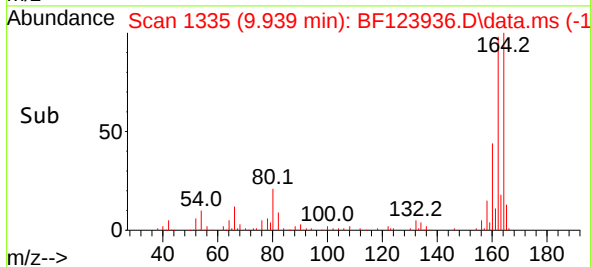
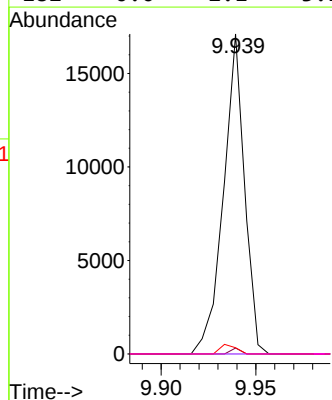
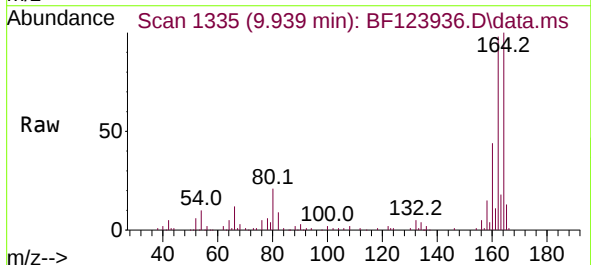
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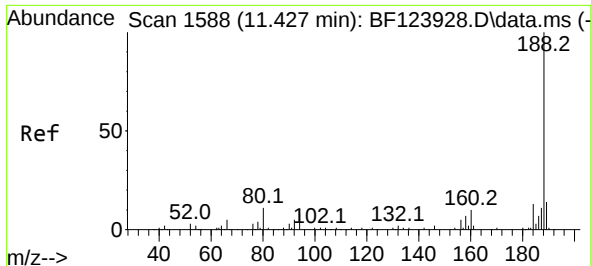
Tgt Ion:165 Resp: 13207
Ion Ratio Lower Upper
165 100
63 1.8 67.7 101.5#
89 2.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.80 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.182 min
Lab File: BF123936.D
Acq: 15 May 2021 9:36

Tgt Ion:165 Resp: 13207
Ion Ratio Lower Upper
165 100
63 1.8 43.5 65.3#
89 2.0 67.7 101.5#
182 0.0 2.1 3.1#

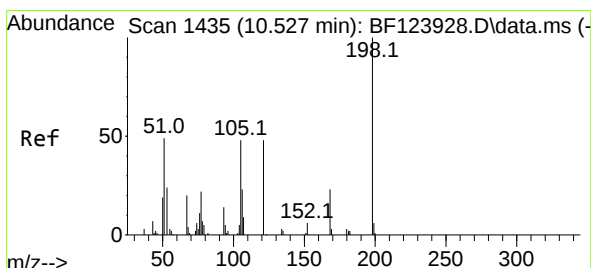
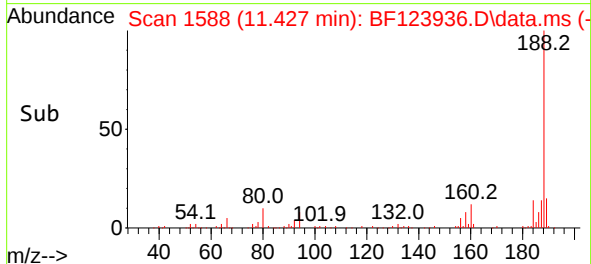
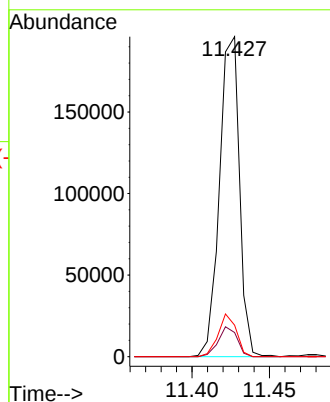
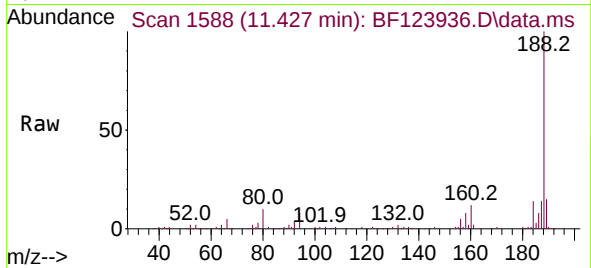




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123936.D
Acq: 15 May 2021 9:36

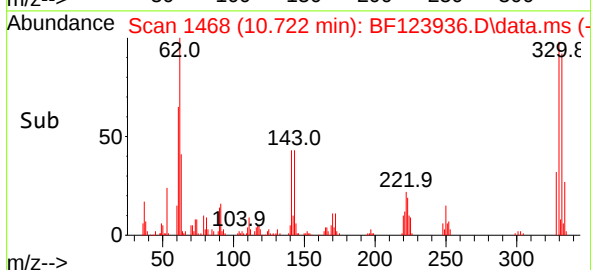
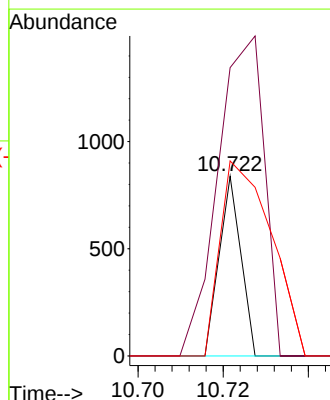
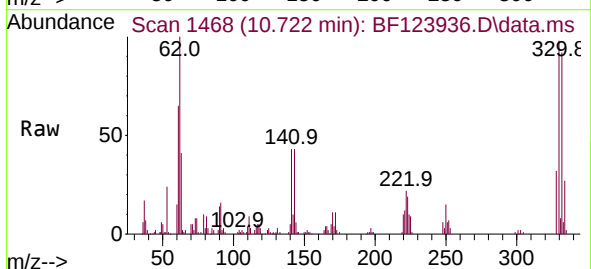
Instrument :
BNA_F
ClientSampleId :
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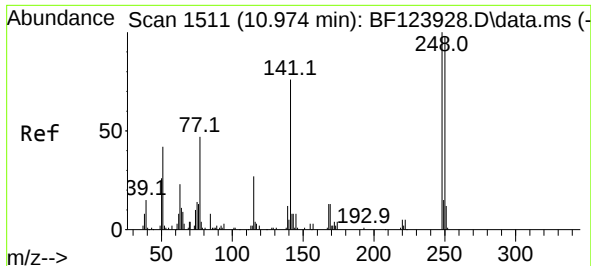
Tgt Ion:188 Resp: 176224
Ion Ratio Lower Upper
188 100
94 7.6 6.9 10.3
80 9.9 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.67 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.195 min
Lab File: BF123936.D
Acq: 15 May 2021 9:36

Tgt Ion:198 Resp: 296
Ion Ratio Lower Upper
198 100
51 160.5 64.8 104.8#
105 108.6 42.6 82.6#

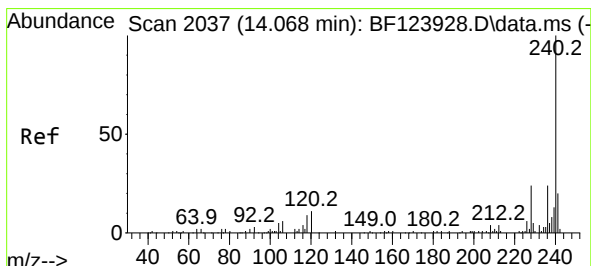
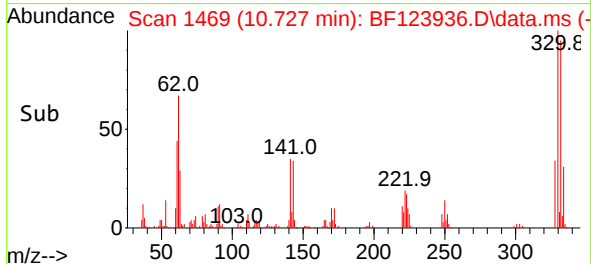
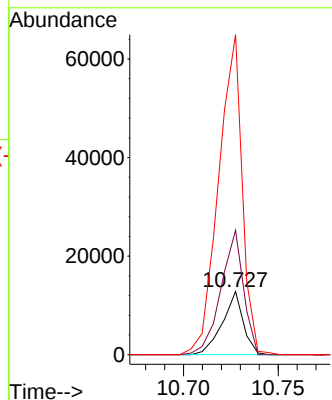
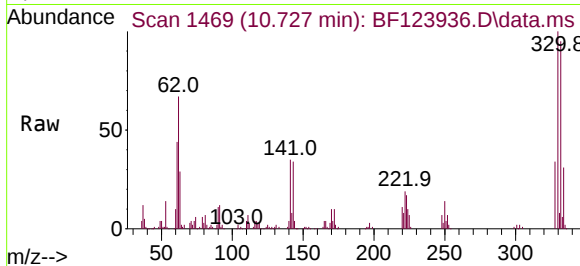




#67
4-Bromophenyl-phenylether
Concen: 4.25 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123936.D
Acq: 15 May 2021 9:36

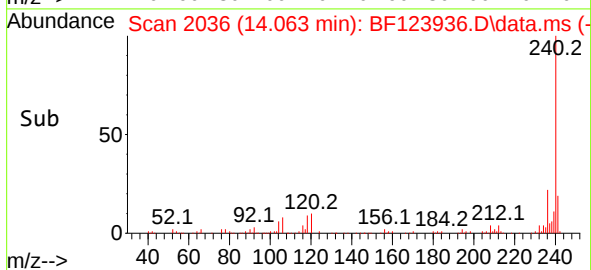
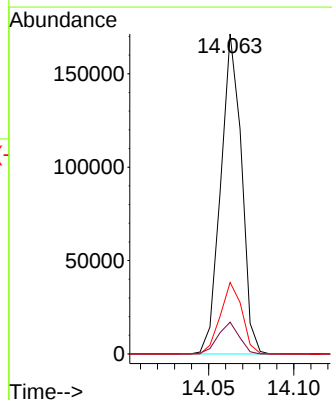
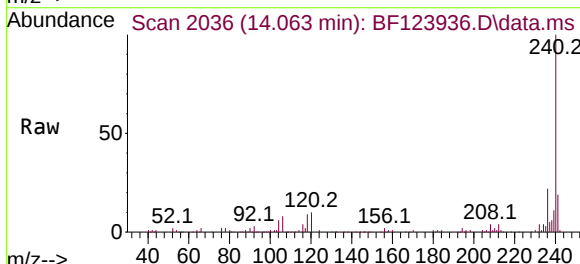
Instrument :
BNA_F
ClientSampleId :
PB136395BL

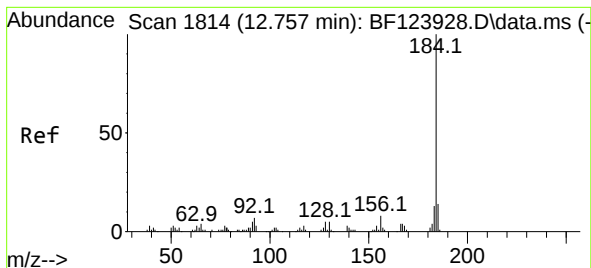
Tgt Ion:248 Resp: 9852
Ion Ratio Lower Upper
248 100
250 197.0 77.4 116.2#
141 506.6 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF123936.D
Acq: 15 May 2021 9:36

Tgt Ion:240 Resp: 145106
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 22.3 19.0 28.4





#77

Benzidine

Concen: 3.45 ng

RT: 13.016 min Scan# 1858

Delta R.T. 0.259 min

Lab File: BF123936.D

Acq: 15 May 2021 9:36

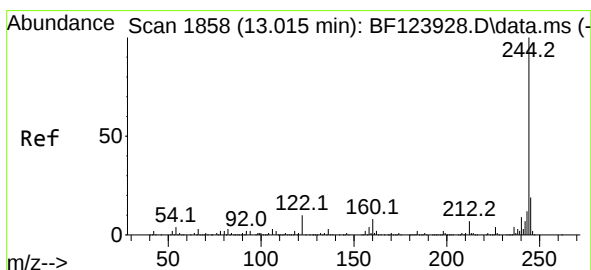
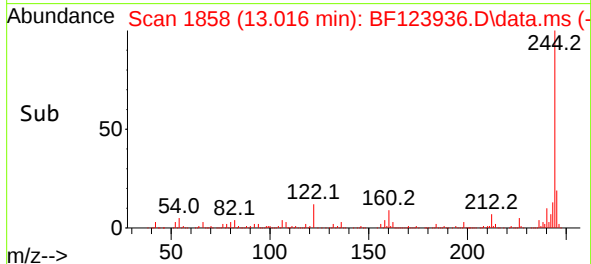
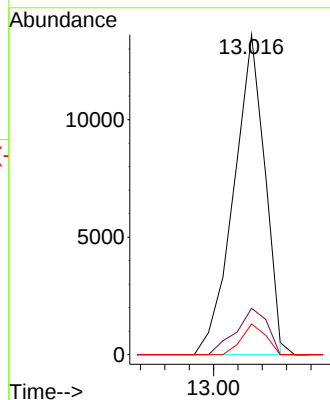
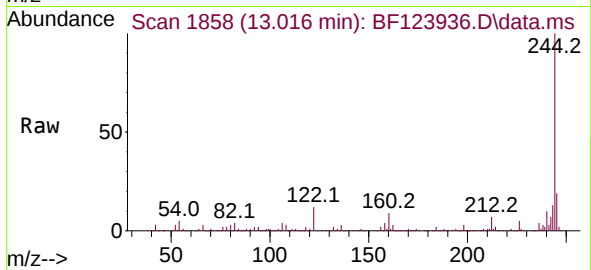
Tgt Ion:184	Resp:	12077
Ion Ratio	Lower	Upper
184	100	
185	14.5	12.1 18.1
183	9.6	7.8 11.8

Instrument :

BNA_F

ClientSampleId :

PB136395BL



#79

Terphenyl-d14

Concen: 77.82 ng

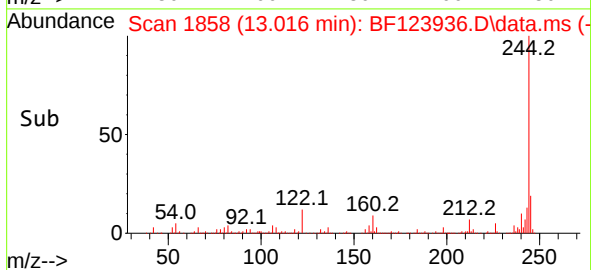
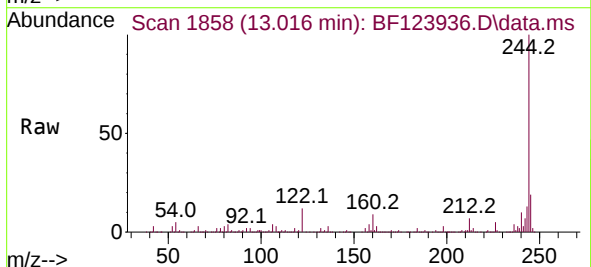
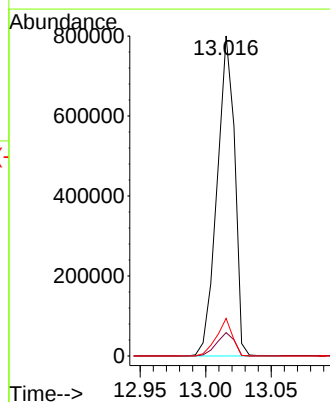
RT: 13.016 min Scan# 1858

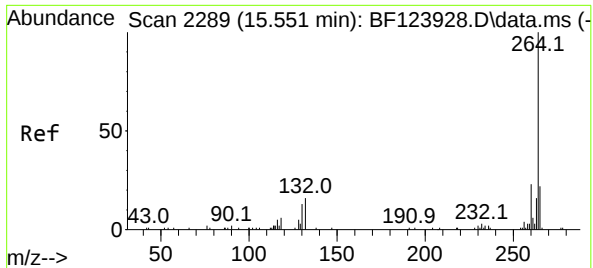
Delta R.T. 0.000 min

Lab File: BF123936.D

Acq: 15 May 2021 9:36

Tgt Ion:244	Resp:	745532
Ion Ratio	Lower	Upper
244	100	
212	7.3	5.7 8.5
122	11.7	9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. 0.000 min
 Lab File: BF123936.D
 Acq: 15 May 2021 9:36

Instrument :
 BNA_F
 ClientSampleId :
 PB136395BL

Tgt Ion:264	Resp:	122865
Ion Ratio	Lower	Upper
264	100	
260	24.4	18.7 28.1
265	21.3	17.8 26.8

