

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080521\
 Data File : BF124952.D
 Acq On : 5 Aug 2021 19:43
 Operator : JU/CG
 Sample : PB138104BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138104BL

Quant Time: Aug 06 02:37:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 04 17:59:00 2021
 Response via : Initial Calibration

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

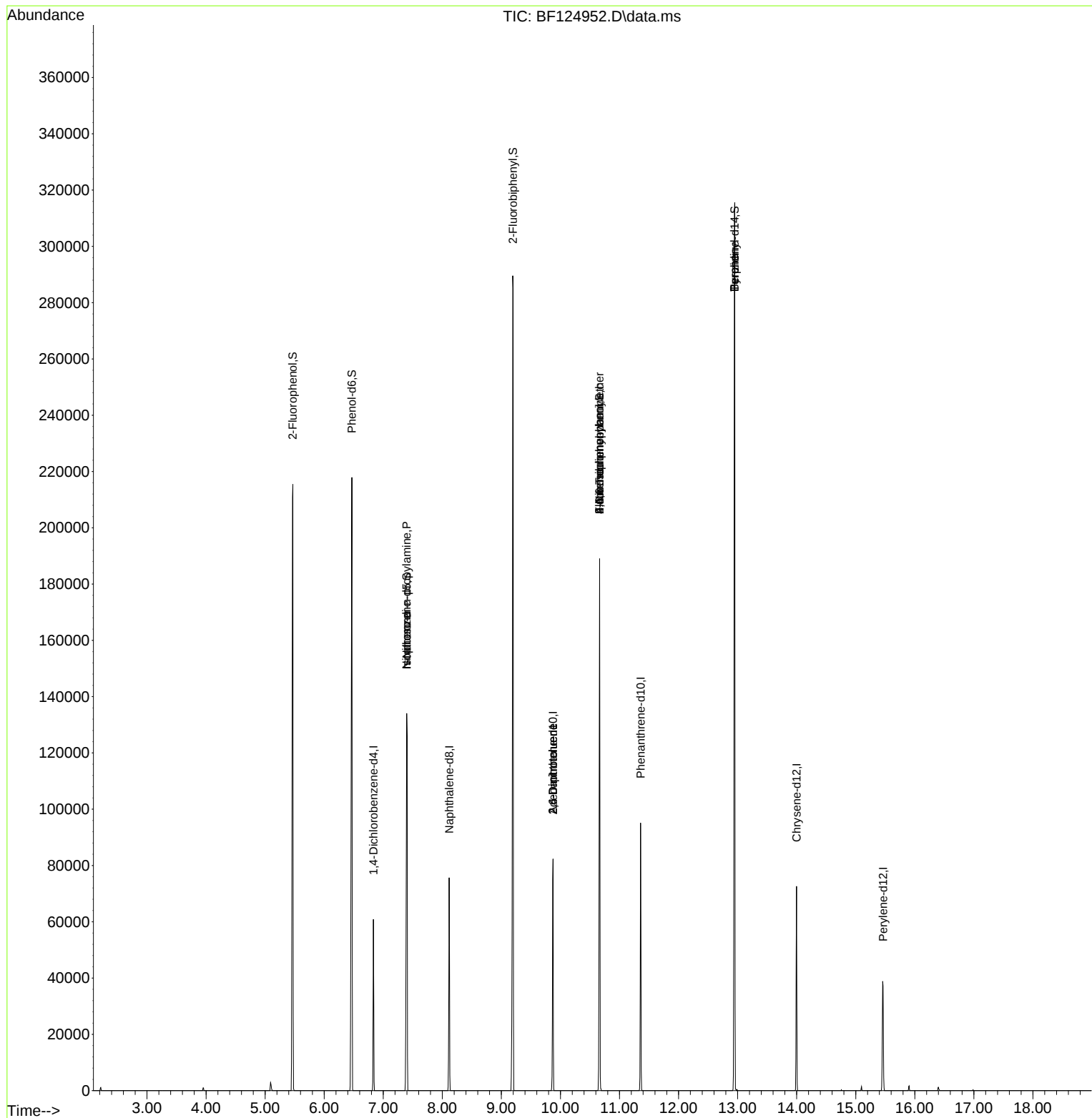
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	8721	20.00	ng	0.00
21) Naphthalene-d8	8.116	136	33404	20.00	ng	# 0.00
39) Acenaphthene-d10	9.875	164	18739	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	33121	20.00	ng	0.00
76) Chrysene-d12	13.998	240	24999	20.00	ng	# 0.00
86) Perylene-d12	15.463	264	19682	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	66407	124.74	ng	0.02
7) Phenol-d6	6.469	99	76859	114.49	ng	0.00
23) Nitrobenzene-d5	7.398	82	52424	82.10	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	19579	116.95	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	105020	82.01	ng	0.00
79) Terphenyl-d14	12.951	244	118398	79.89	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	6953	17.46	ng	# 63
25) Isophorone	7.398	82	52422	48.10	ng	# 59
51) 2,6-Dinitrotoluene	9.875	165	2296	8.12	ng	# 26
57) 2,4-Dinitrotoluene	9.875	165	2296	5.98	ng	# 18
58) Fluorene	10.663	166	806	0.66	ng	# 96
66) n-Nitrosodiphenylamine	10.663	169	604	0.56	ng	# 26
67) 4-Bromophenyl-phenylether	10.663	248	1495	4.12	ng	# 1
77) Benzidine	12.951	184	1694	2.53	ng	# 81
78) Pyrene	12.945	202	297	0.15	ng	# 19

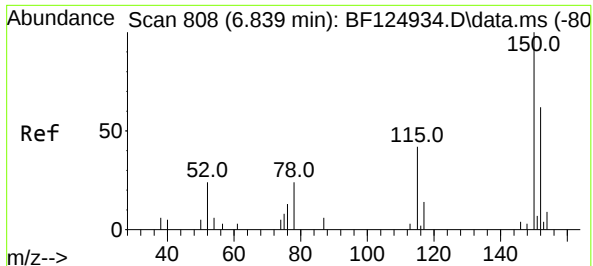
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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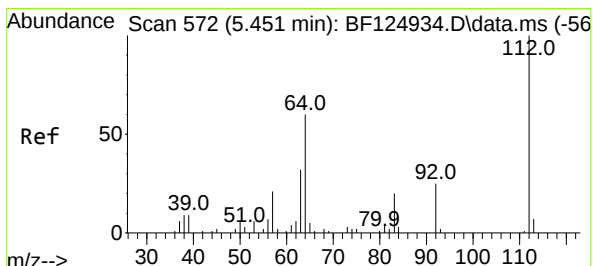
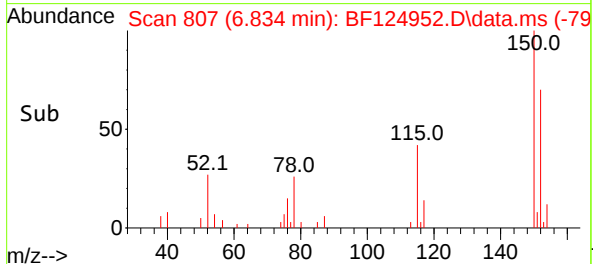
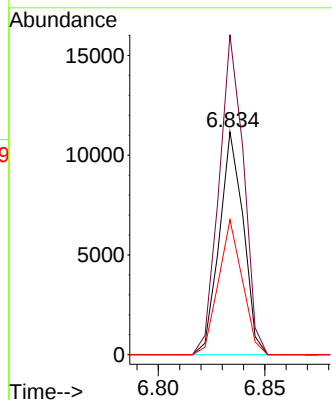
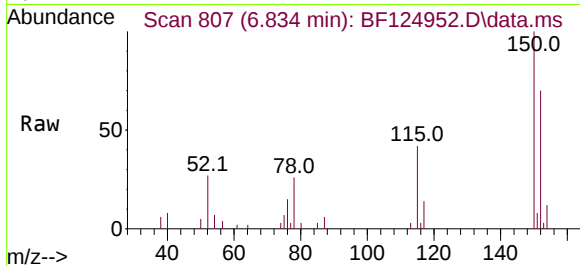




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.005 min
Lab File: BF124952.D
Acq: 5 Aug 2021 19:43

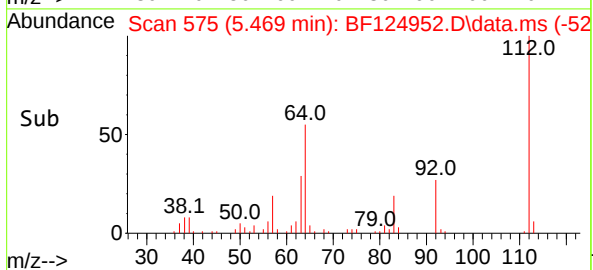
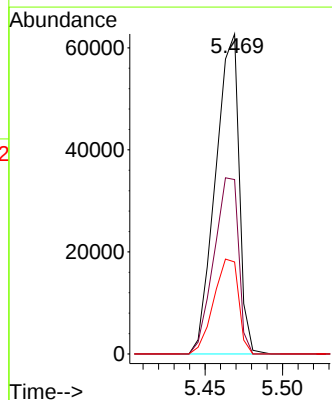
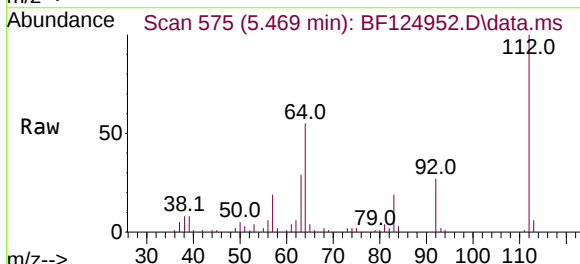
Instrument :
BNA_F
ClientSampleId :
PB138104BL

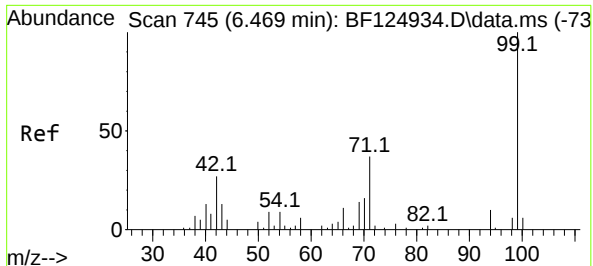
Tgt Ion:152 Resp: 8721
Ion Ratio Lower Upper
152 100
150 143.6 117.6 176.4
115 60.6 47.1 70.7



#5
2-Fluorophenol
Concen: 124.74 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.018 min
Lab File: BF124952.D
Acq: 5 Aug 2021 19:43

Tgt Ion:112 Resp: 66407
Ion Ratio Lower Upper
112 100
64 54.5 44.2 66.2
63 28.8 26.2 39.2

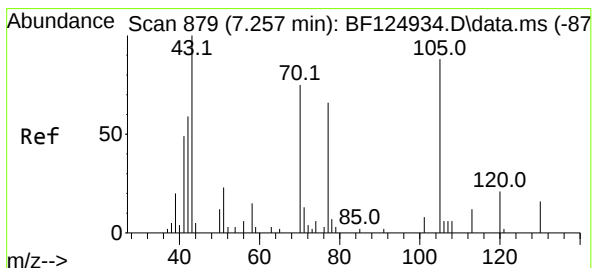
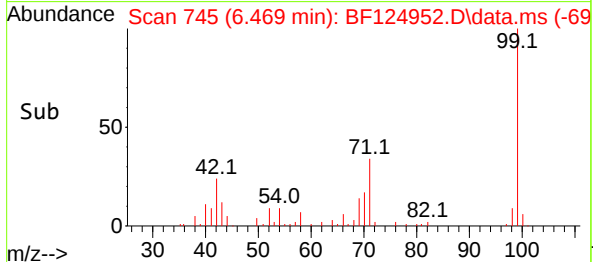
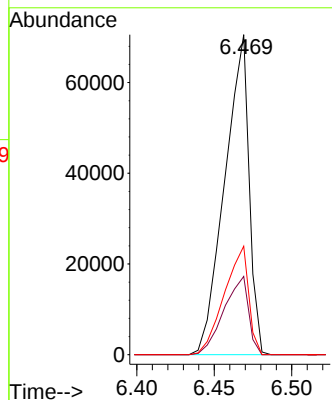
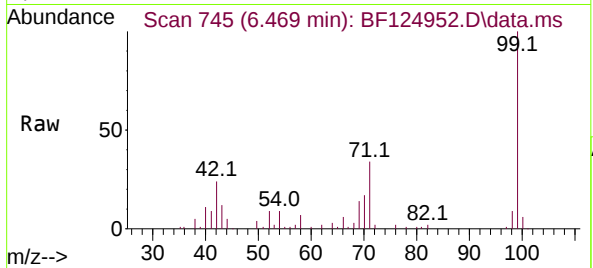




#7
Phenol-d6
Concen: 114.49 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF124952.D
Acq: 5 Aug 2021 19:43

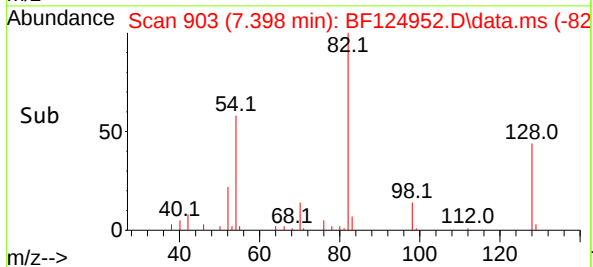
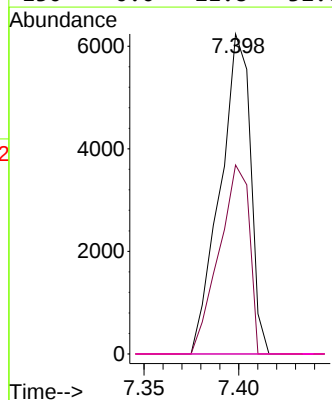
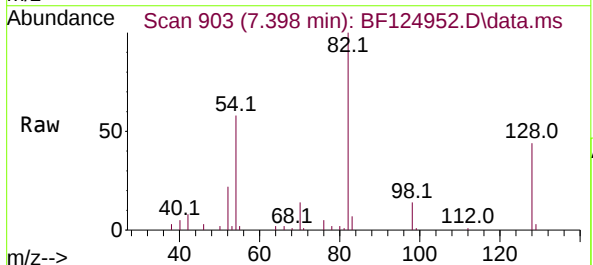
Instrument :
BNA_F
ClientSampleId :
PB138104BL

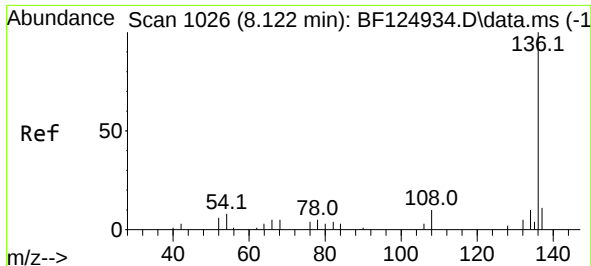
Tgt Ion: 99 Resp: 76859
Ion Ratio Lower Upper
99 100
42 24.4 23.5 35.3
71 33.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.46 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.141 min
Lab File: BF124952.D
Acq: 5 Aug 2021 19:43

Tgt Ion: 70 Resp: 6953
Ion Ratio Lower Upper
70 100
42 59.1 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

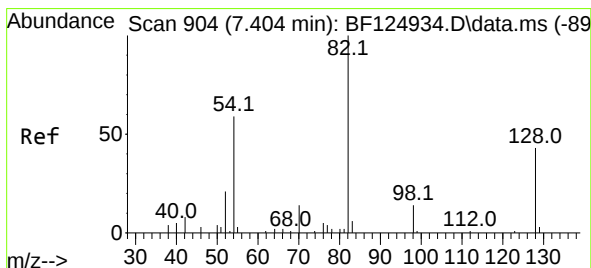
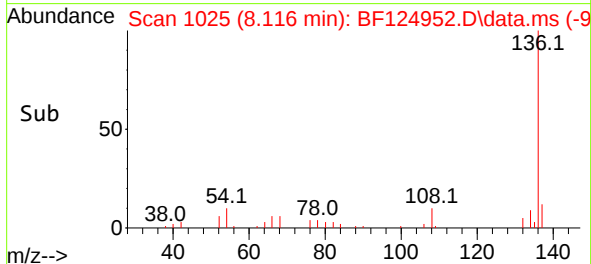
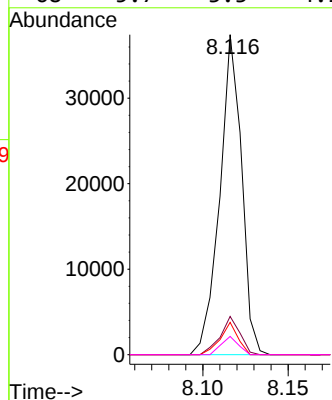
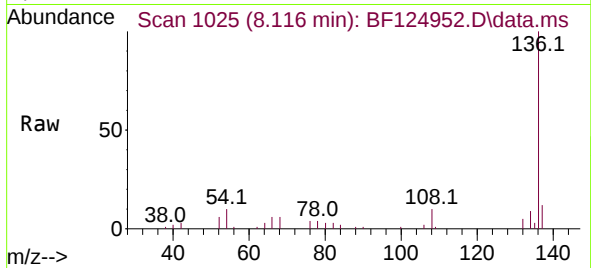




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF124952.D
Acq: 5 Aug 2021 19:43

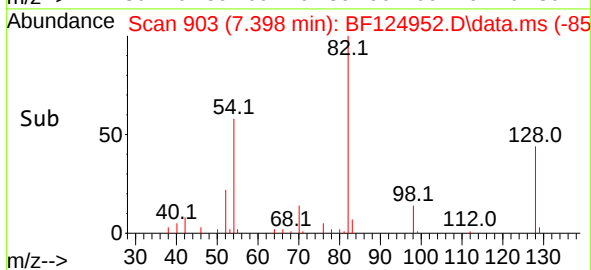
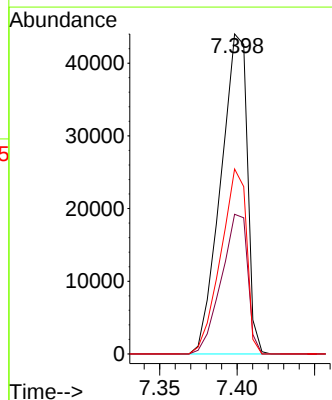
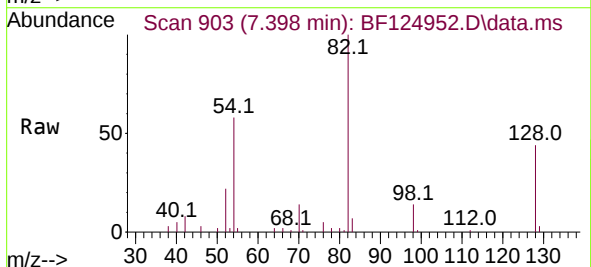
Instrument :
BNA_F
ClientSampleId :
PB138104BL

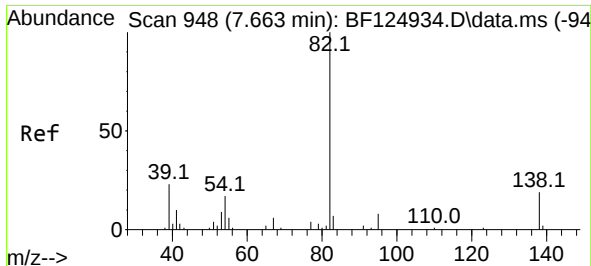
Tgt Ion:136	Resp:	33404
Ion Ratio	Lower	Upper
136	100	
137	12.0	9.8 14.6
54	10.1	6.4 9.6#
68	5.7	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 82.10 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF124952.D
Acq: 5 Aug 2021 19:43

Tgt Ion: 82	Resp:	52424
Ion Ratio	Lower	Upper
82	100	
128	43.7	40.6 60.8
54	57.8	49.6 74.4

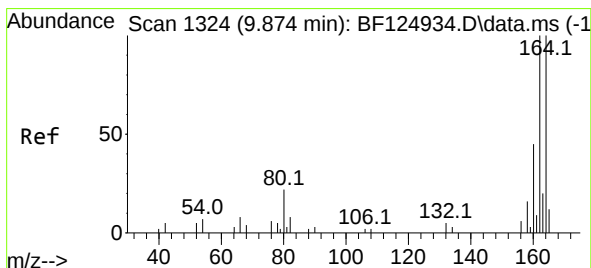
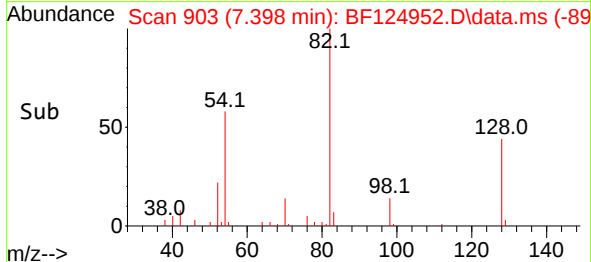
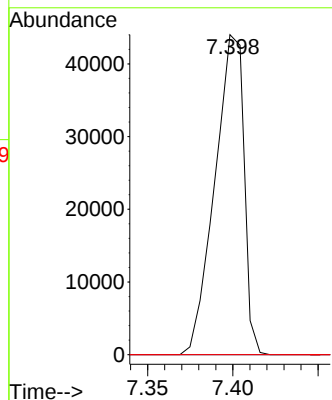
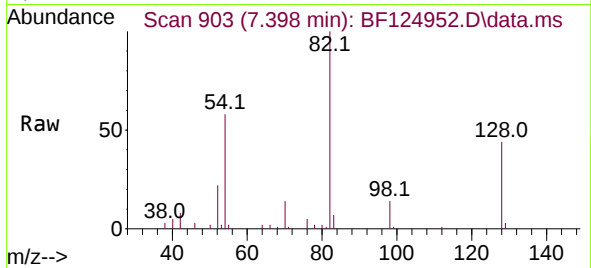




#25
Isophorone
Concen: 48.10 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.265 min
Lab File: BF124952.D
Acq: 5 Aug 2021 19:43

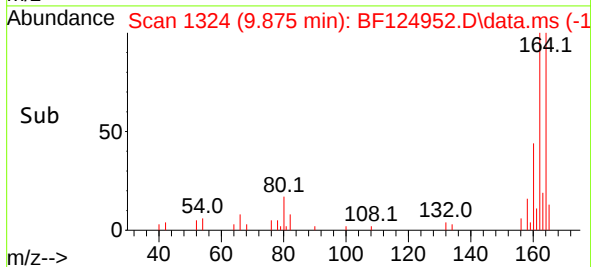
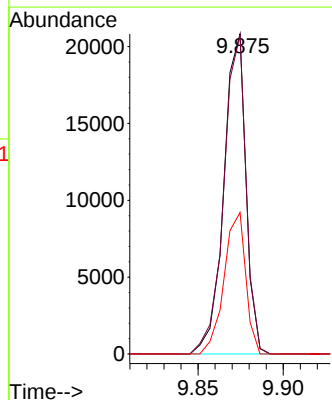
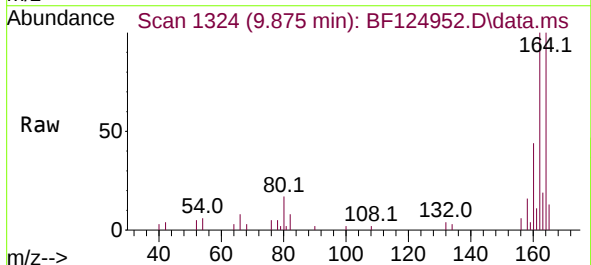
Instrument :
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ClientSampleId :
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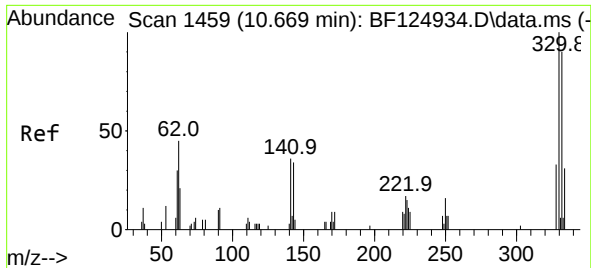
Tgt Ion: 82 Resp: 52422
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF124952.D
Acq: 5 Aug 2021 19:43

Tgt Ion: 164 Resp: 18739
Ion Ratio Lower Upper
164 100
162 99.6 81.3 121.9
160 44.2 38.0 57.0

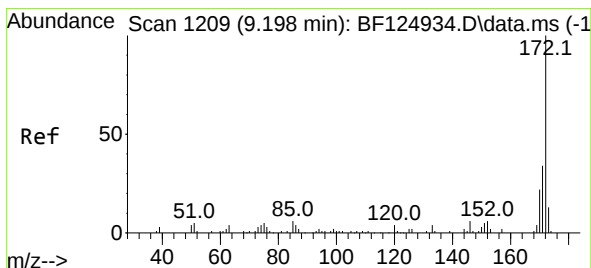
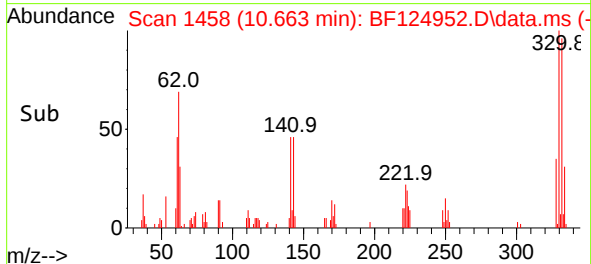
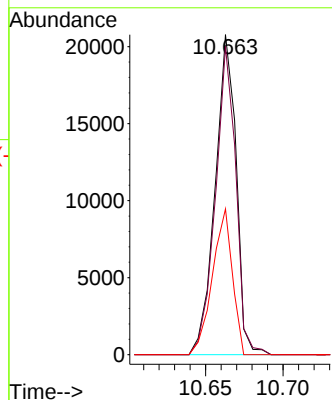
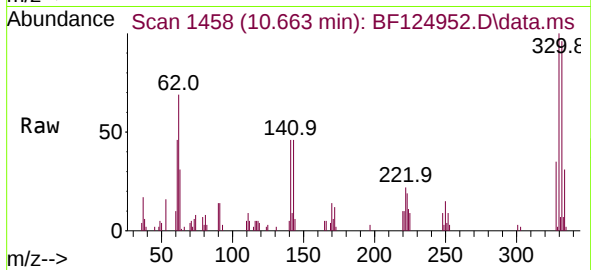




#42
2,4,6-Tribromophenol
Concen: 116.95 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF124952.D
Acq: 5 Aug 2021 19:43

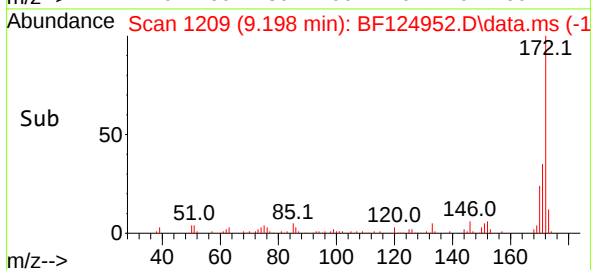
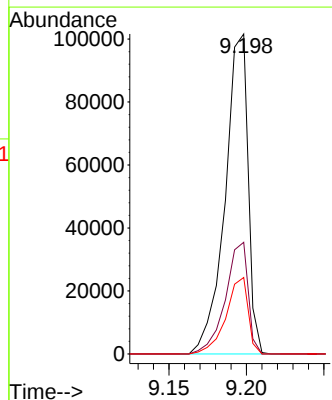
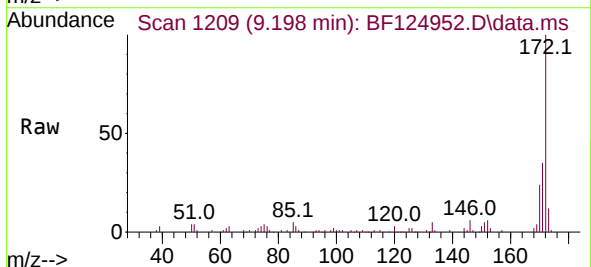
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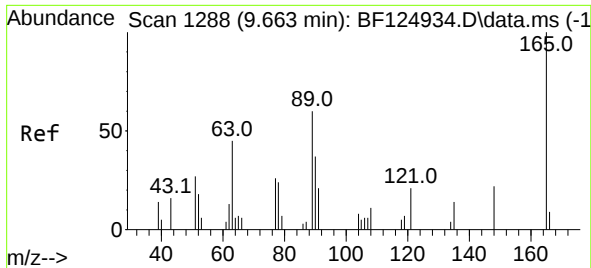
Tgt Ion:330 Resp: 19579
Ion Ratio Lower Upper
330 100
332 93.6 76.2 114.4
141 43.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 82.01 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF124952.D
Acq: 5 Aug 2021 19:43

Tgt Ion:172 Resp: 105020
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 23.9 18.8 28.2

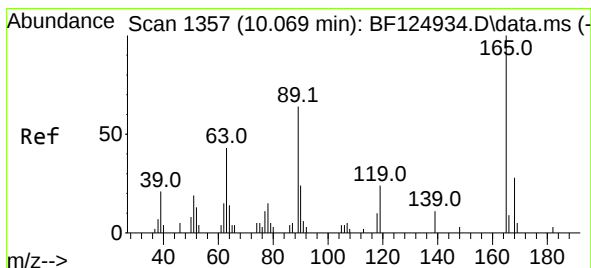
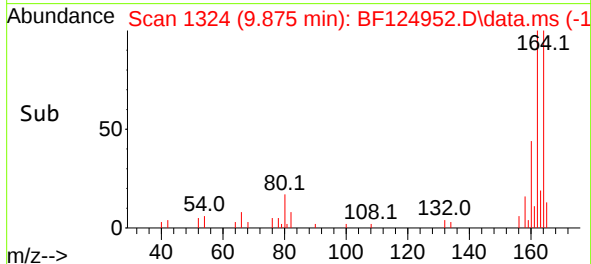
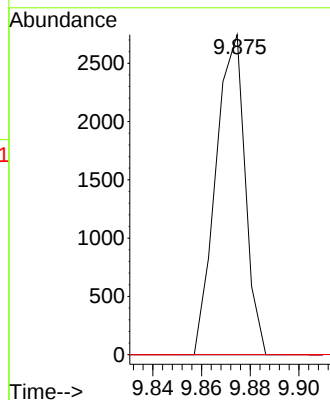
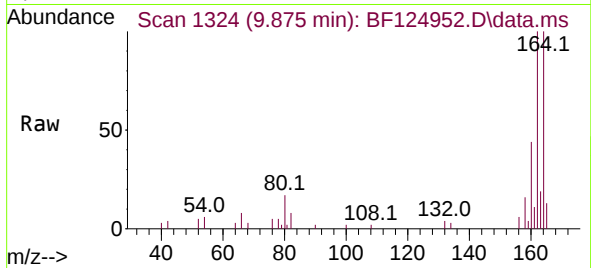




#51
2,6-Dinitrotoluene
Concen: 8.12 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF124952.D
Acq: 5 Aug 2021 19:43

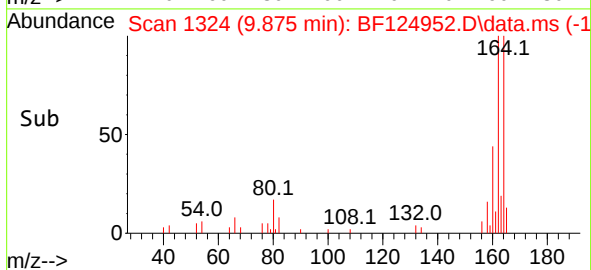
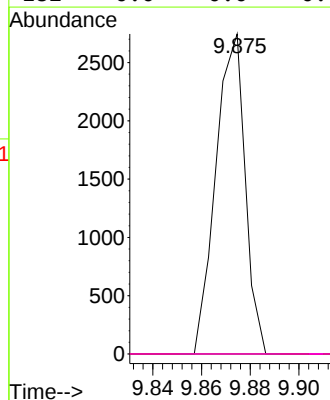
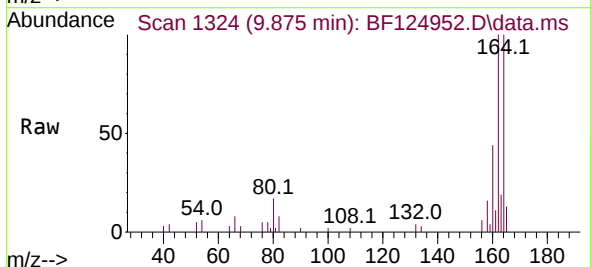
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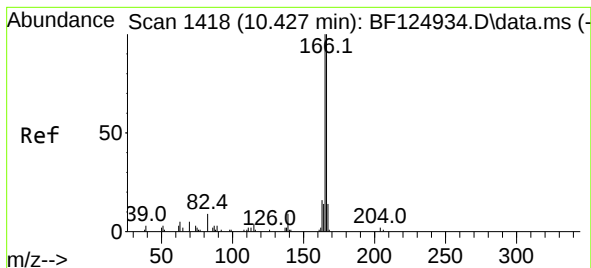
Tgt Ion:165 Resp: 2296
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.98 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF124952.D
Acq: 5 Aug 2021 19:43

Tgt Ion:165 Resp: 2296
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0





#58

Fluorene

Concen: 0.66 ng

RT: 10.663 min Scan# 1458

Delta R.T. 0.235 min

Lab File: BF124952.D

Acq: 5 Aug 2021 19:43

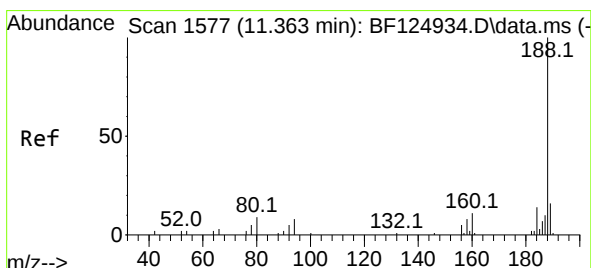
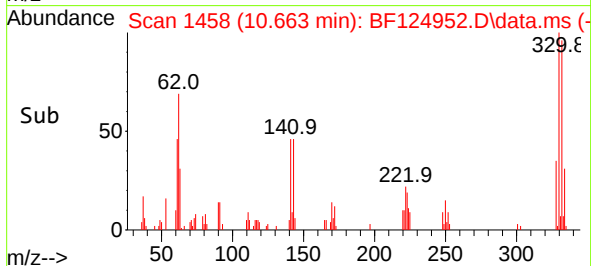
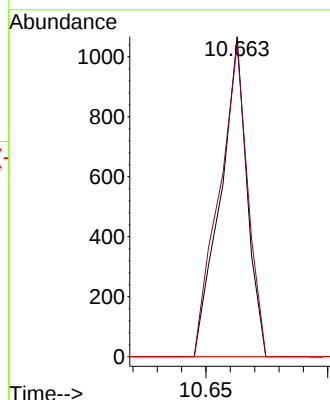
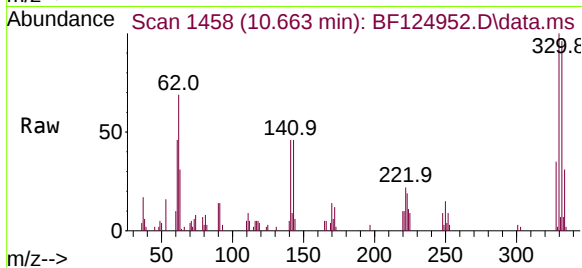
Tgt Ion:166 Resp: 806

Ion Ratio Lower Upper

166 100

165 97.7 78.1 117.1

167 0.0 11.1 16.7#



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF124952.D

Acq: 5 Aug 2021 19:43

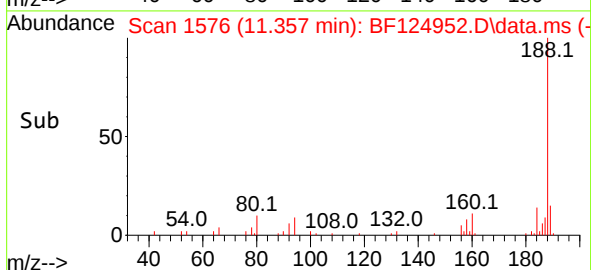
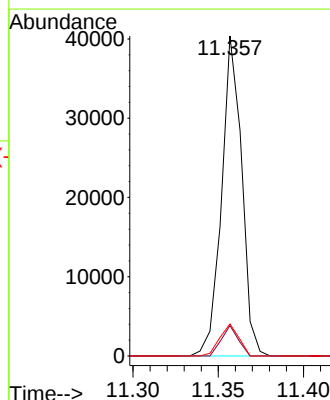
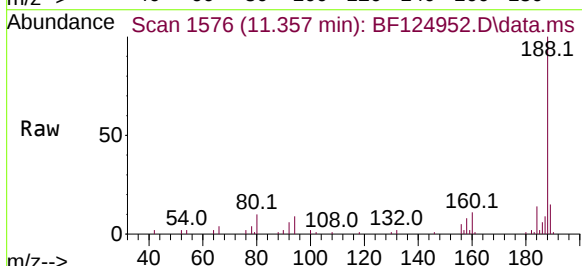
Tgt Ion:188 Resp: 33121

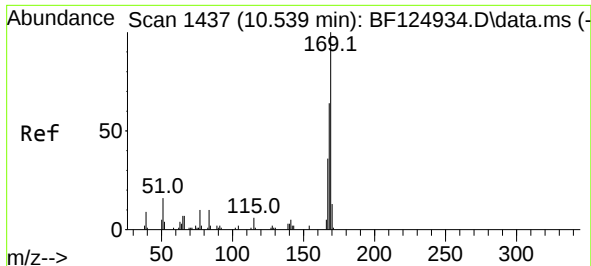
Ion Ratio Lower Upper

188 100

94 9.5 6.7 10.1

80 10.0 7.5 11.3

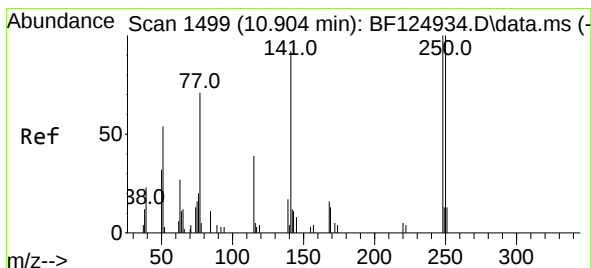
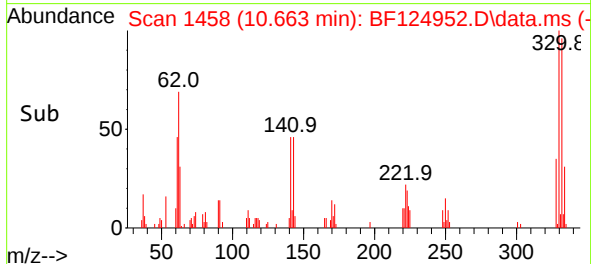
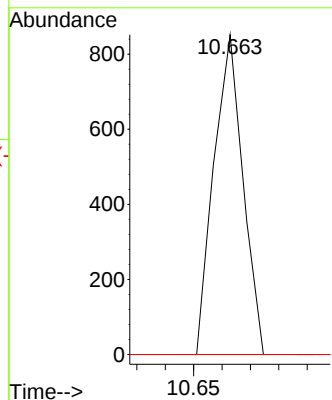
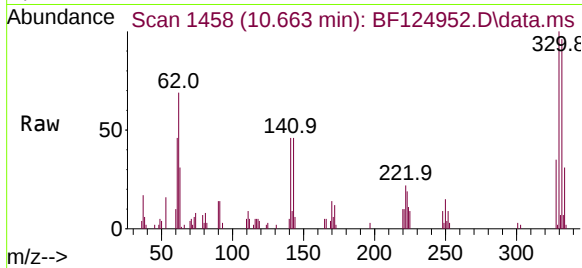




#66
n-Nitrosodiphenylamine
Concen: 0.56 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.124 min
Lab File: BF124952.D
Acq: 5 Aug 2021 19:43

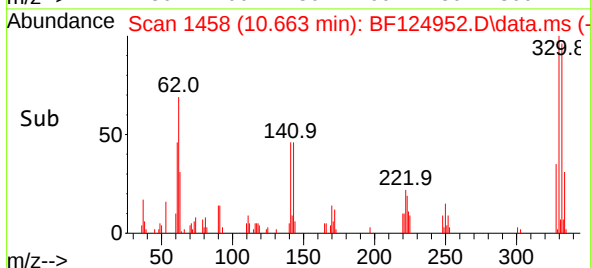
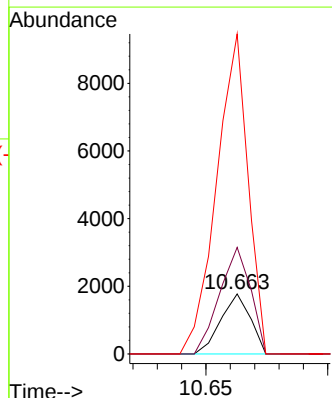
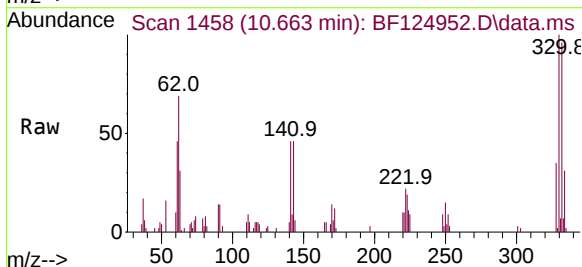
Instrument :
BNA_F
ClientSampleId :
PB138104BL

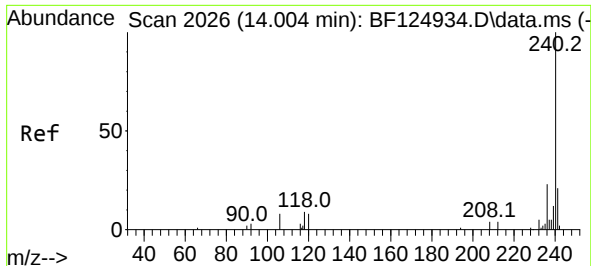
Tgt Ion:169	Resp:	604
Ion Ratio	Lower	Upper
169	100	
168	0.0	50.8 76.2#
167	0.0	28.8 43.2#



#67
4-Bromophenyl-phenylether
Concen: 4.12 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF124952.D
Acq: 5 Aug 2021 19:43

Tgt Ion:248	Resp:	1495
Ion Ratio	Lower	Upper
248	100	
250	177.6	74.2 111.4#
141	533.5	60.4 90.6#

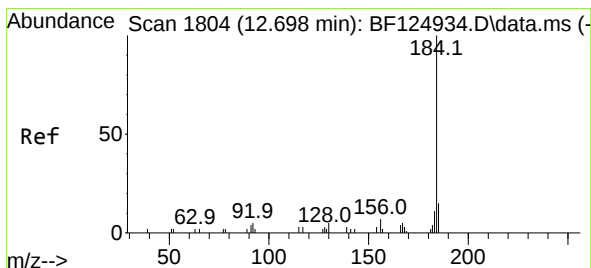
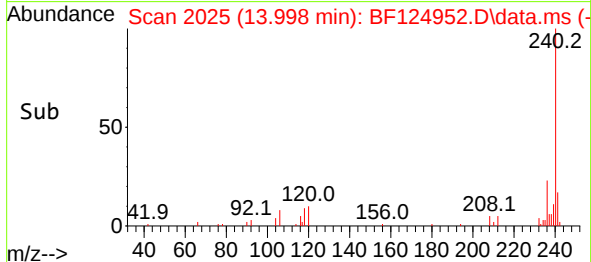
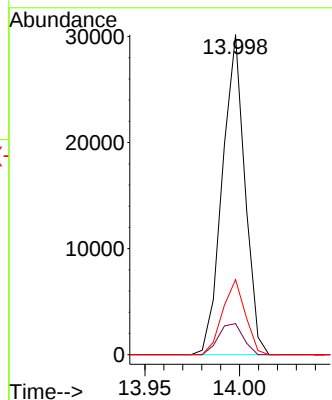
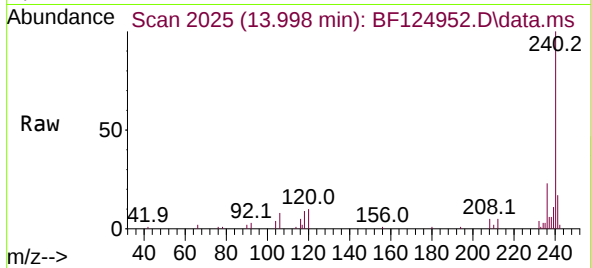




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF124952.D
Acq: 5 Aug 2021 19:43

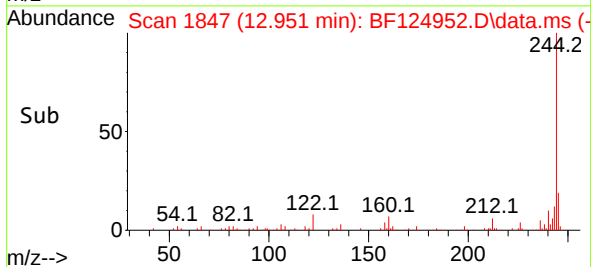
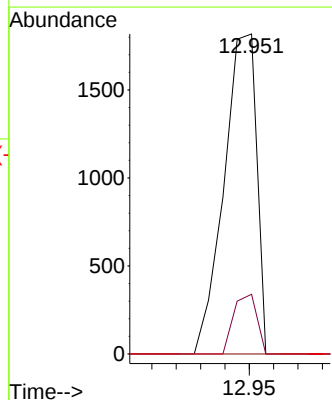
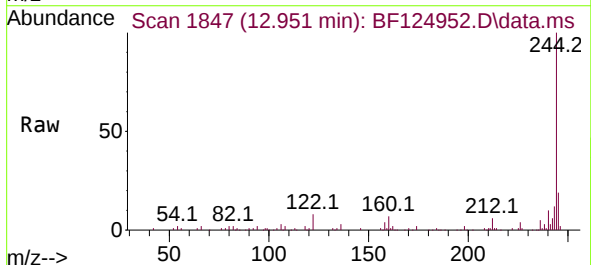
Instrument :
BNA_F
ClientSampleId :
PB138104BL

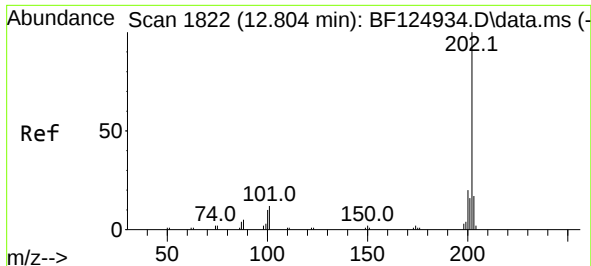
Tgt Ion:240 Resp: 24999
Ion Ratio Lower Upper
240 100
120 9.7 10.8 16.2#
236 23.5 21.6 32.4



#77
Benzidine
Concen: 2.53 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF124952.D
Acq: 5 Aug 2021 19:43

Tgt Ion:184 Resp: 1694
Ion Ratio Lower Upper
184 100
185 18.6 10.8 16.2#
183 0.0 8.1 12.1#

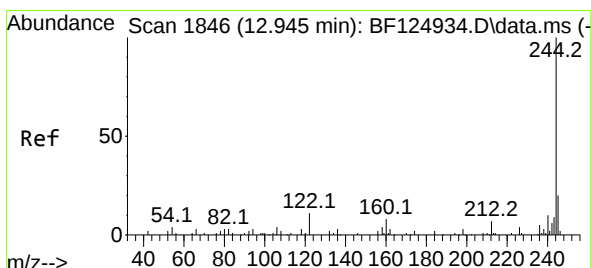
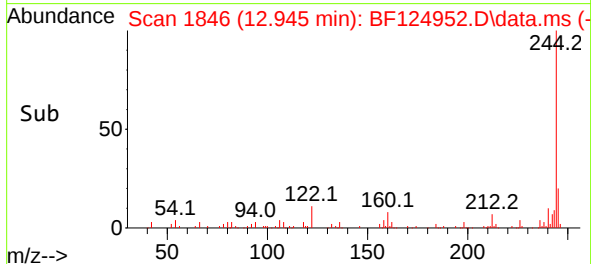
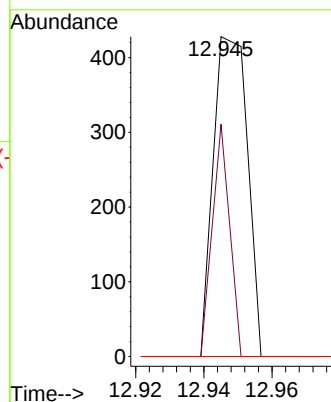
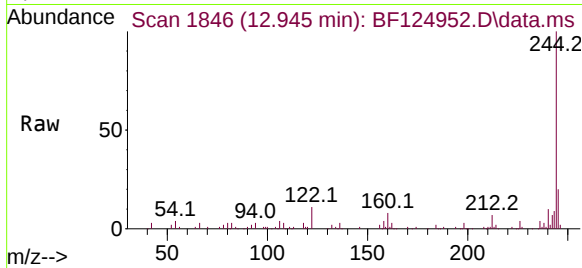




#78
Pyrene
Concen: 0.15 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.141 min
Lab File: BF124952.D
Acq: 5 Aug 2021 19:43

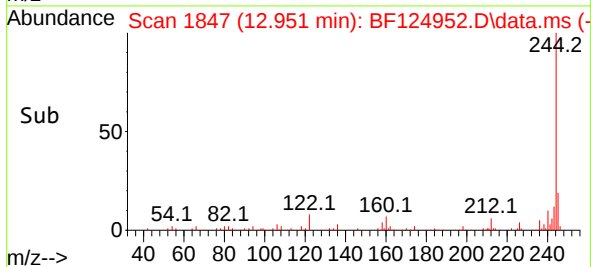
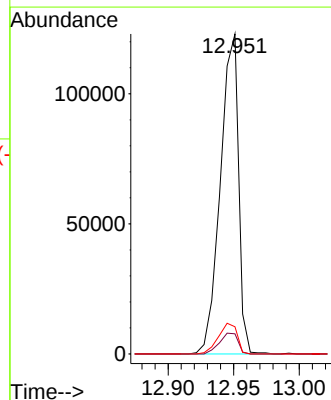
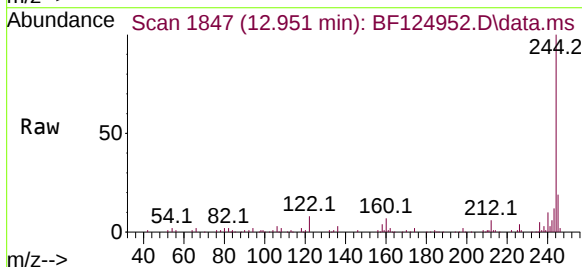
Instrument :
BNA_F
ClientSampleId :
PB138104BL

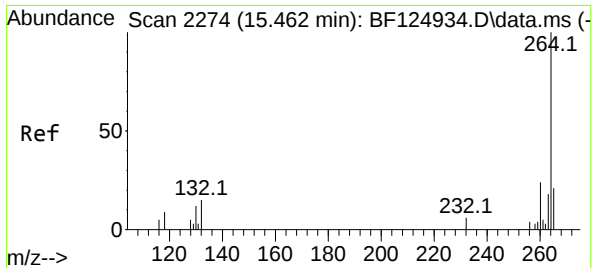
Tgt Ion:	202	Resp:	297
Ion	Ratio	Lower	Upper
202	100		
200	72.7	15.3	22.9#
203	0.0	13.4	20.0#



#79
Terphenyl-d14
Concen: 79.89 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.006 min
Lab File: BF124952.D
Acq: 5 Aug 2021 19:43

Tgt Ion:	244	Resp:	118398
Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.9	8.9
122	8.5	9.0	13.4#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. 0.000 min
 Lab File: BF124952.D
 Acq: 5 Aug 2021 19:43

Instrument :
 BNA_F
 ClientSampleId :
 PB138104BL

Tgt Ion:264	Resp:	19682
Ion Ratio	Lower	Upper
264	100	
260	24.4	19.6 29.4
265	22.2	17.2 25.8

