

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080521\
 Data File : BF124943.D
 Acq On : 5 Aug 2021 10:03
 Operator : JU/CG
 Sample : PB138103BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138103BL

Quant Time: Aug 05 11:04:03 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)

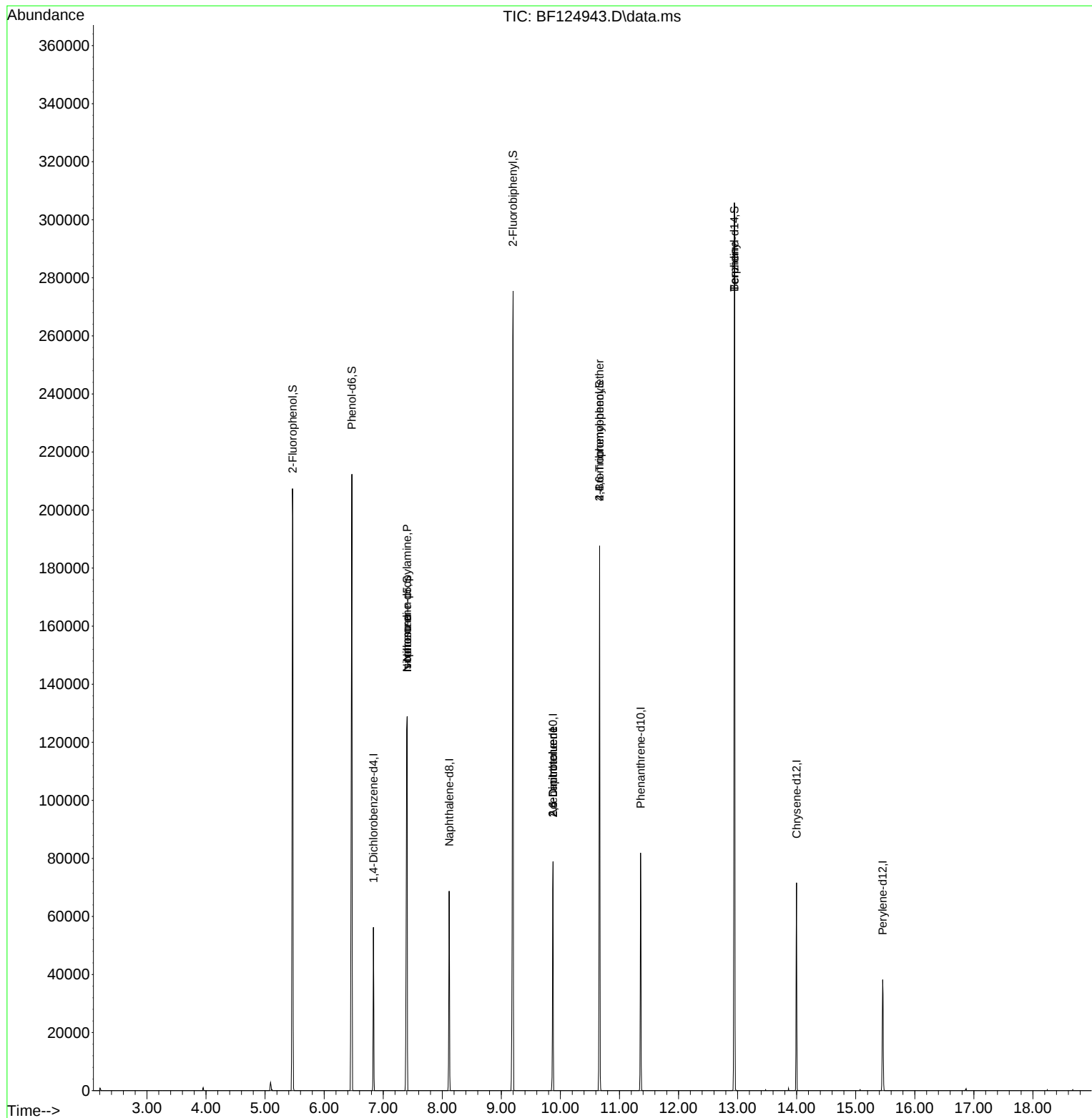
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	8011	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	30631	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	16851	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	31157	20.000	ng	0.00
76) Chrysene-d12	13.998	240	23620	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	19079	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	62092	126.968	ng	0.02
7) Phenol-d6	6.469	99	72232	117.137	ng	0.00
23) Nitrobenzene-d5	7.404	82	48171	82.268	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	18317	121.670	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	97565	84.719	ng	0.00
79) Terphenyl-d14	12.945	244	114617	81.854	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	6316	17.262	ng	# 67
25) Isophorone	7.404	82	48169	48.200	ng	# 59
51) 2,6-Dinitrotoluene	9.875	165	2198	8.644	ng	# 26
57) 2,4-Dinitrotoluene	9.875	165	2198	6.367	ng	# 18
67) 4-Bromophenyl-phenylether	10.663	248	1258	3.686	ng	# 1
77) Benzidine	12.945	184	1668	2.639	ng	# 69

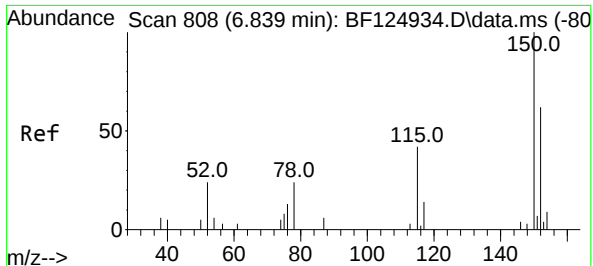
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080521\
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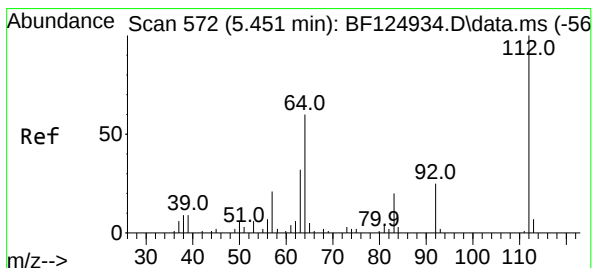
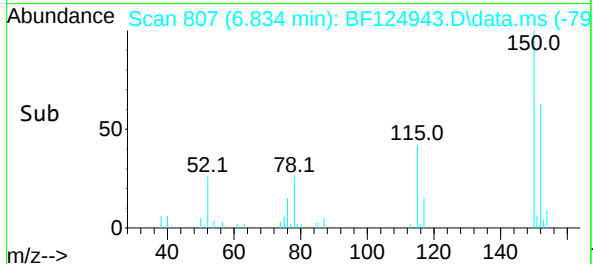
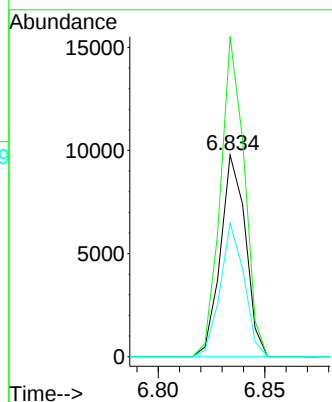
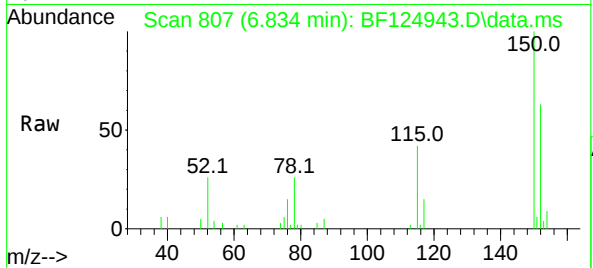




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.005 min
Lab File: BF124943.D
Acq: 5 Aug 2021 10:03

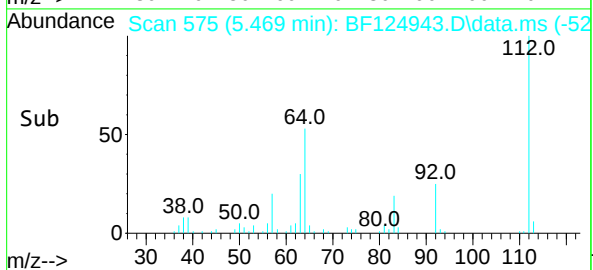
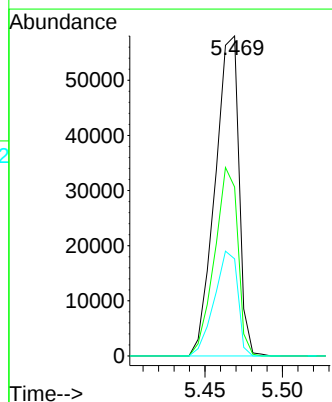
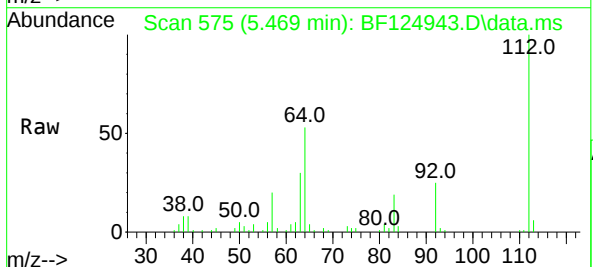
Instrument :
BNA_F
ClientSampleId :
PB138103BL

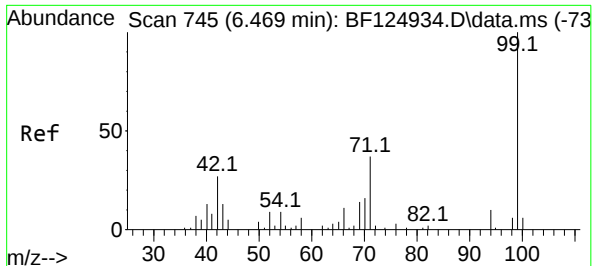
Tgt Ion:152 Resp: 8011
Ion Ratio Lower Upper
152 100
150 158.7 117.6 176.4
115 66.4 47.1 70.7



#5
2-Fluorophenol
Concen: 126.968 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.018 min
Lab File: BF124943.D
Acq: 5 Aug 2021 10:03

Tgt Ion:112 Resp: 62092
Ion Ratio Lower Upper
112 100
64 52.8 44.2 66.2
63 30.4 26.2 39.2

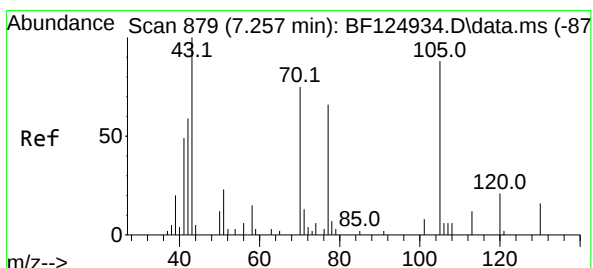
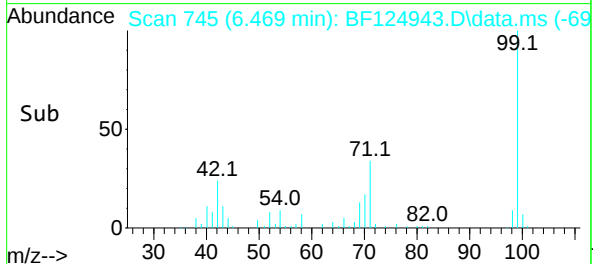
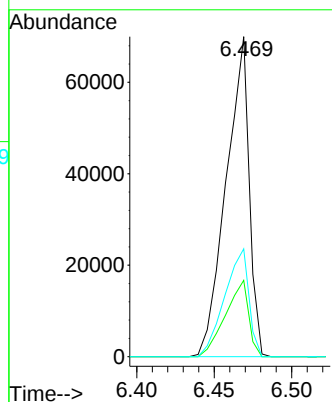
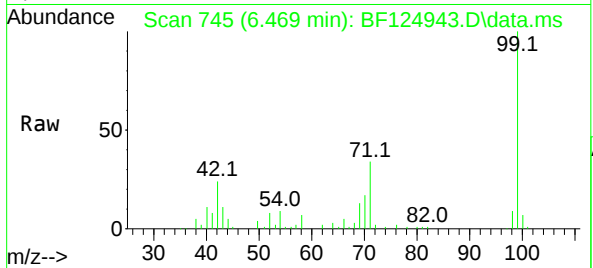




#7
Phenol-d6
Concen: 117.137 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF124943.D
Acq: 5 Aug 2021 10:03

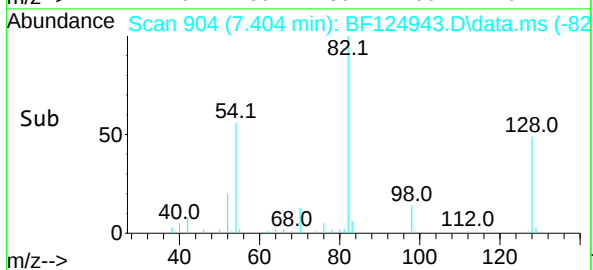
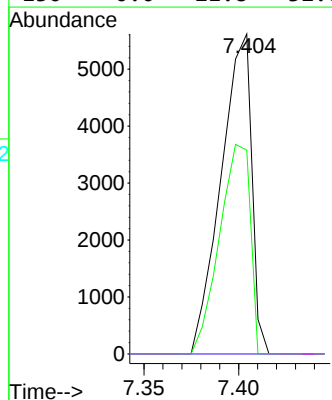
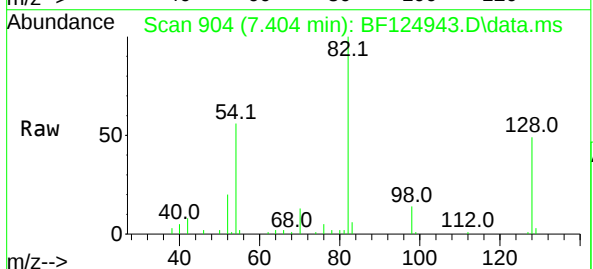
Instrument :
BNA_F
ClientSampleId :
PB138103BL

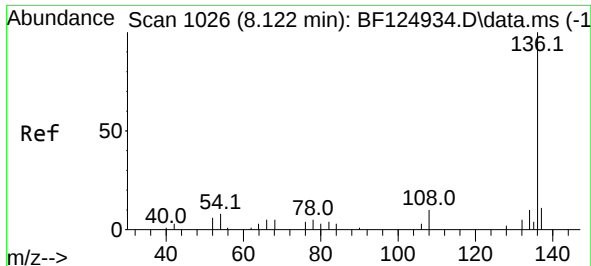
Tgt Ion:	99	Resp:	72232
Ion	Ratio	Lower	Upper
99	100		
42	23.9	23.5	35.3
71	33.7	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.262 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF124943.D
Acq: 5 Aug 2021 10:03

Tgt Ion:	70	Resp:	6316
Ion	Ratio	Lower	Upper
70	100		
42	63.7	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

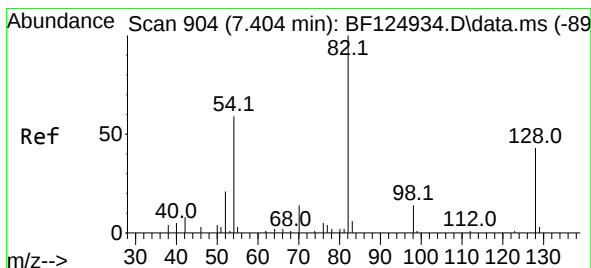
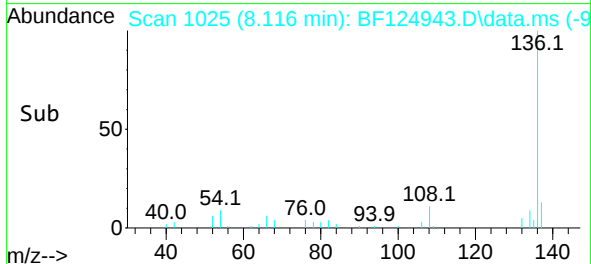
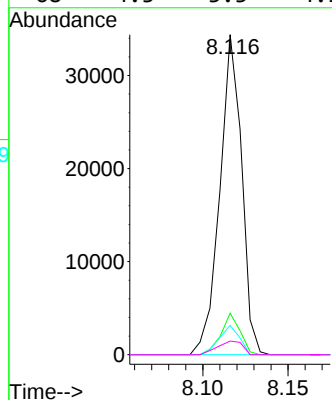
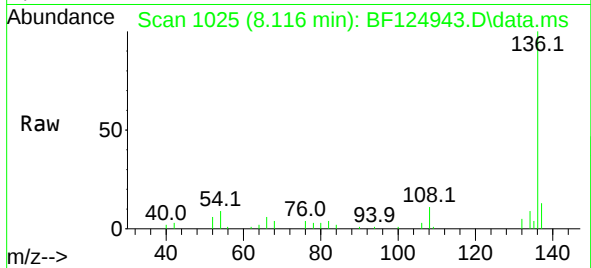




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF124943.D
Acq: 5 Aug 2021 10:03

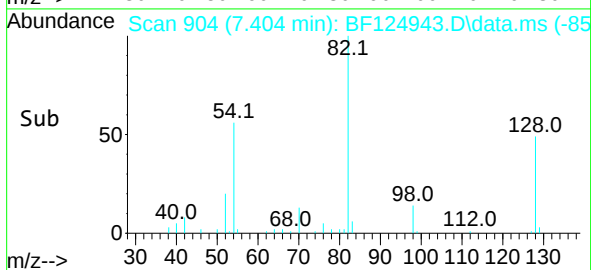
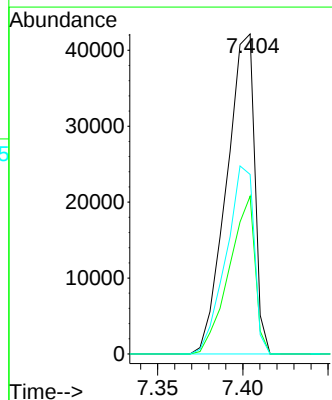
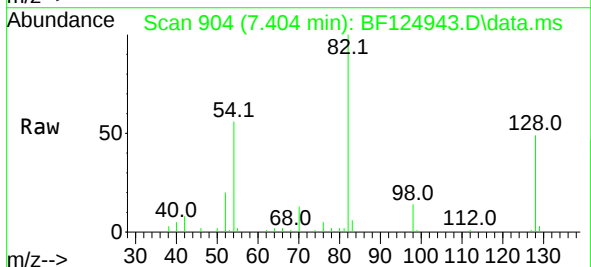
Instrument :
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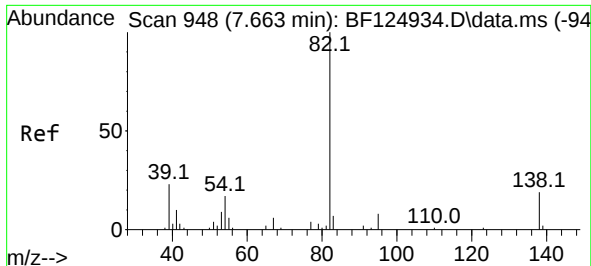
Tgt Ion:136	Resp:	30631
Ion Ratio	Lower	Upper
136	100	
137	13.0	9.8 14.6
54	9.2	6.4 9.6
68	4.3	3.3 4.9



#23
Nitrobenzene-d5
Concen: 82.268 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF124943.D
Acq: 5 Aug 2021 10:03

Tgt Ion: 82	Resp:	48171
Ion Ratio	Lower	Upper
82	100	
128	49.3	40.6 60.8
54	56.1	49.6 74.4

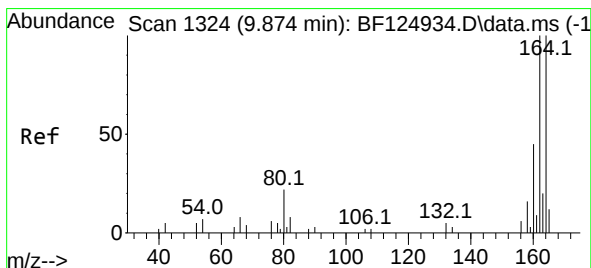
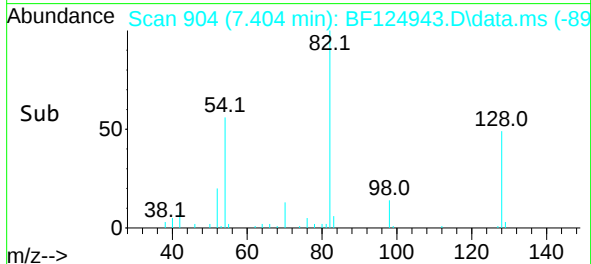
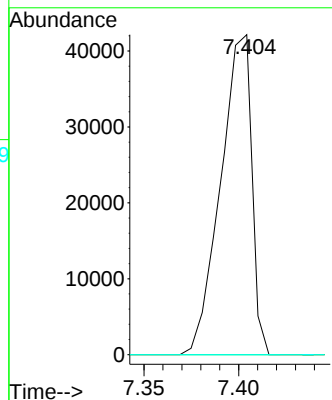
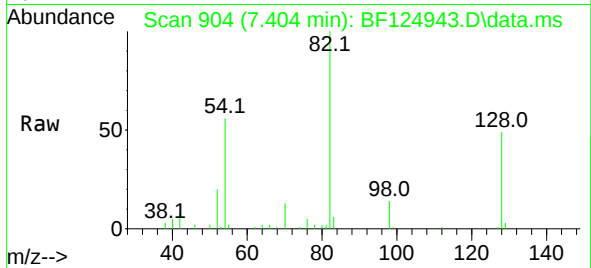




#25
Isophorone
Concen: 48.200 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF124943.D
Acq: 5 Aug 2021 10:03

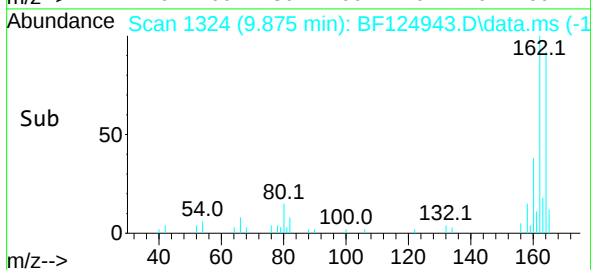
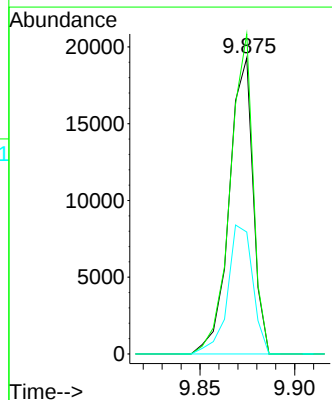
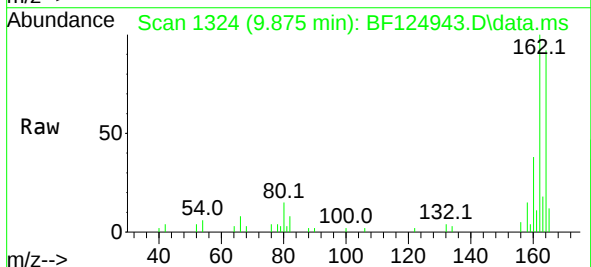
Instrument :
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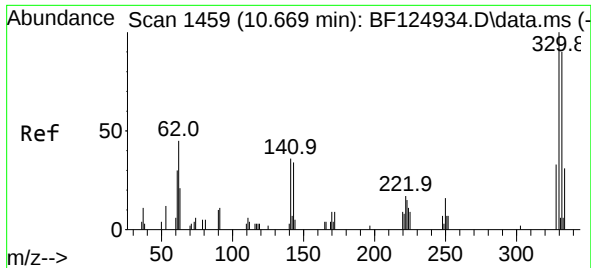
Tgt Ion: 82 Resp: 48169
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF124943.D
Acq: 5 Aug 2021 10:03

Tgt Ion:164 Resp: 16851
Ion Ratio Lower Upper
164 100
162 108.1 81.3 121.9
160 41.2 38.0 57.0

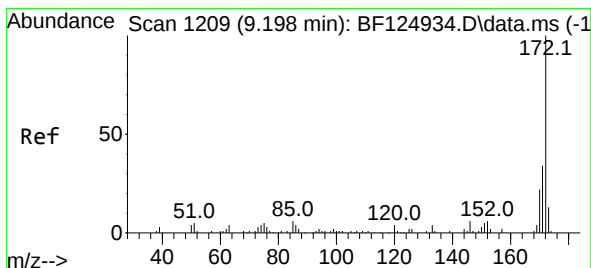
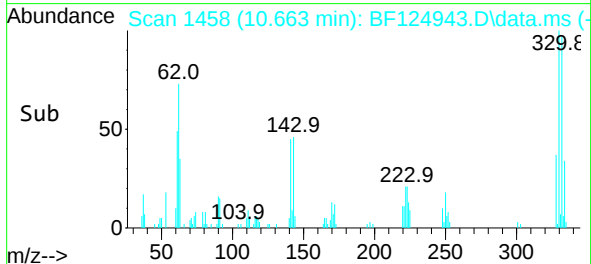
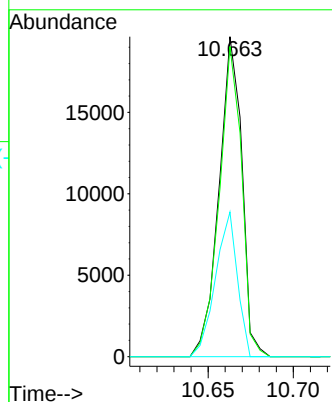
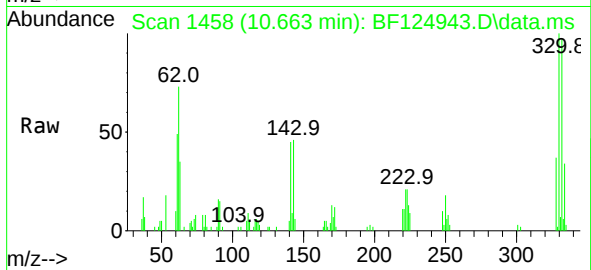




#42
2,4,6-Tribromophenol
Concen: 121.670 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF124943.D
Acq: 5 Aug 2021 10:03

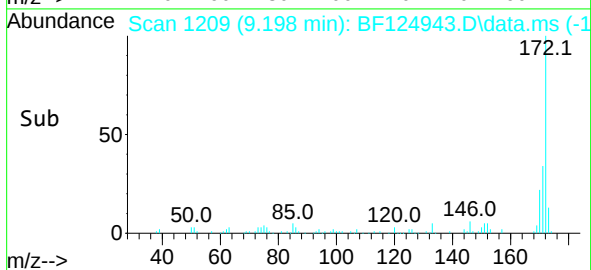
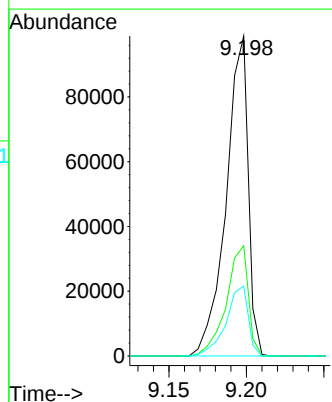
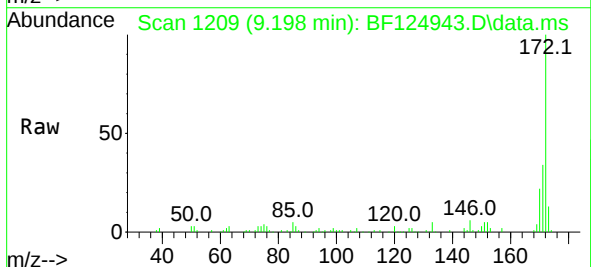
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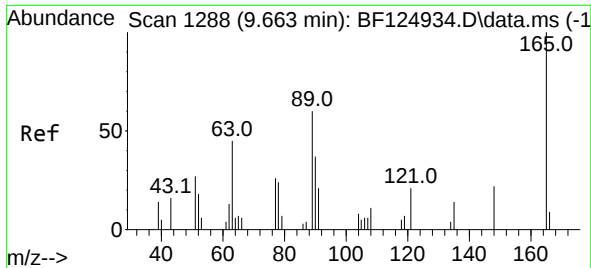
Tgt Ion:330 Resp: 18317
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 43.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 84.719 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF124943.D
Acq: 5 Aug 2021 10:03

Tgt Ion:172 Resp: 97565
Ion Ratio Lower Upper
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171 34.4 26.5 39.7
170 21.8 18.8 28.2

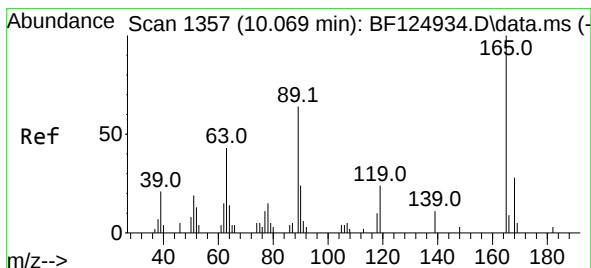
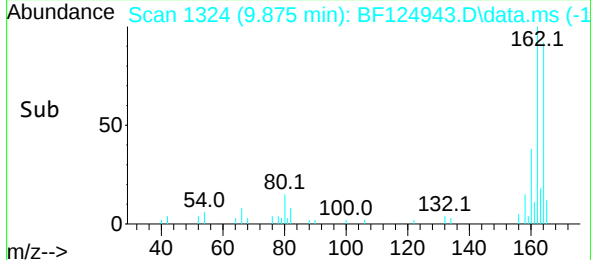
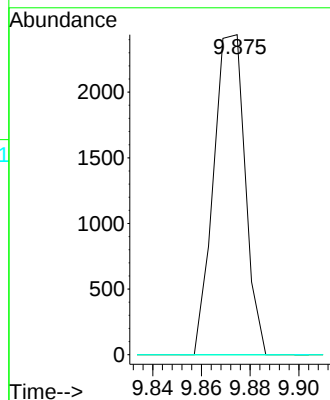
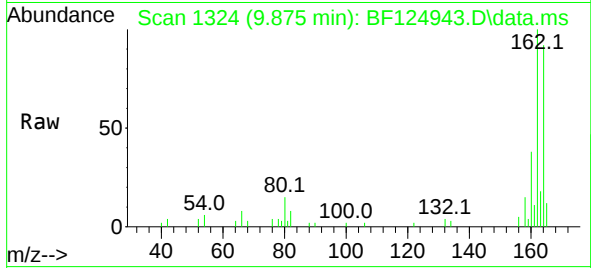




#51
2,6-Dinitrotoluene
Concen: 8.644 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF124943.D
Acq: 5 Aug 2021 10:03

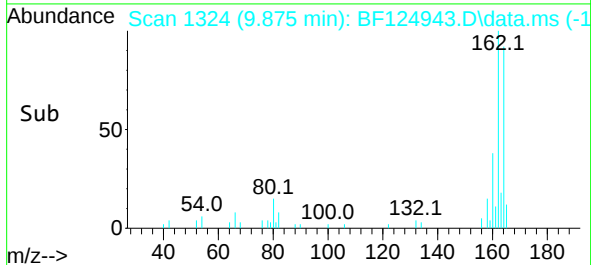
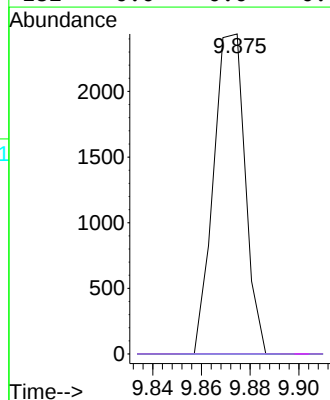
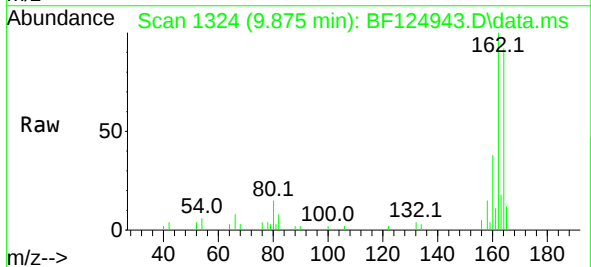
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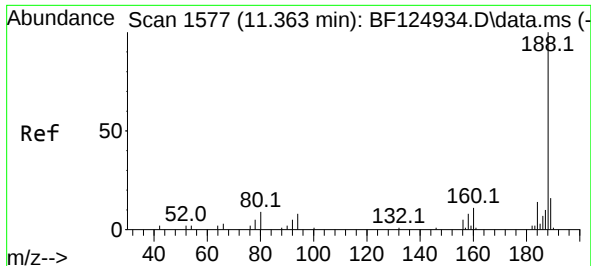
Tgt Ion:165 Resp: 2198
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.367 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF124943.D
Acq: 5 Aug 2021 10:03

Tgt Ion:165 Resp: 2198
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

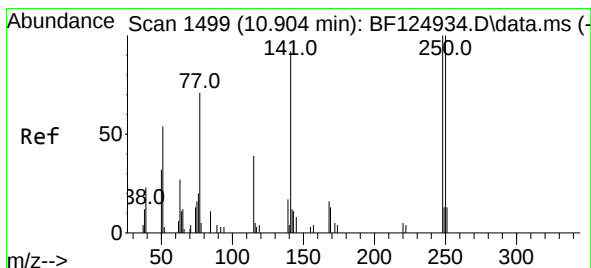
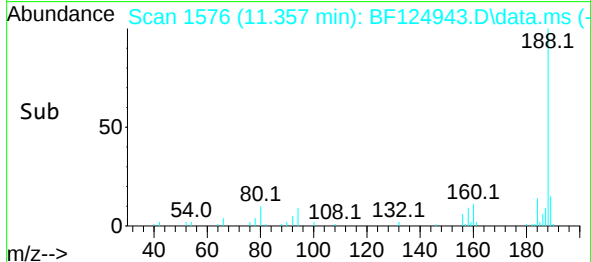
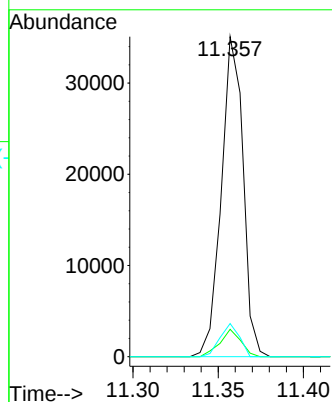
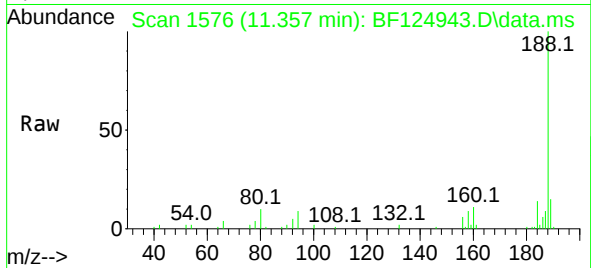




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF124943.D
Acq: 5 Aug 2021 10:03

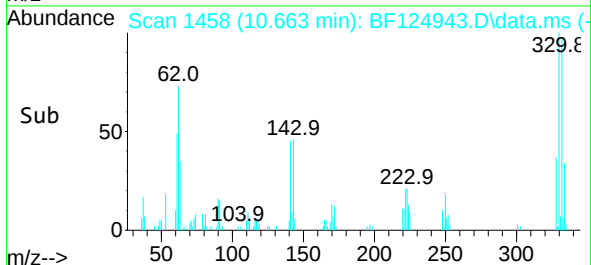
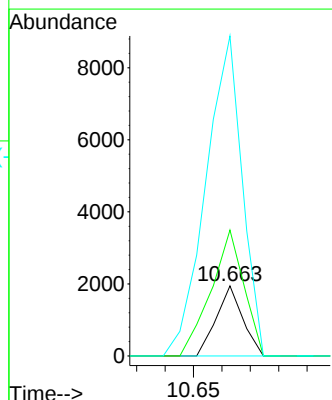
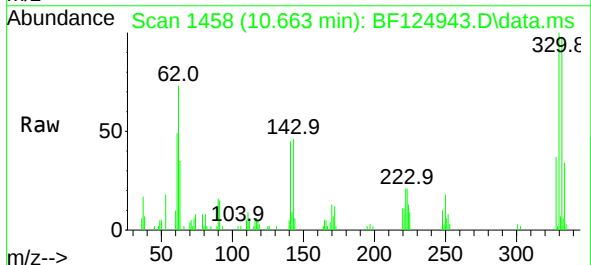
Instrument :
BNA_F
ClientSampleId :
PB138103BL

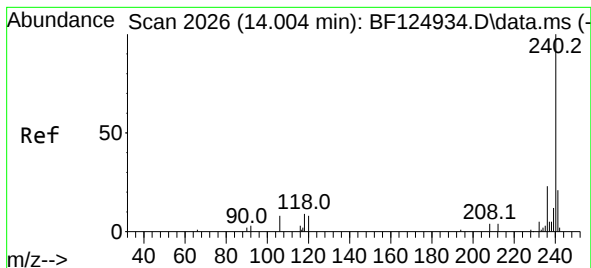
Tgt Ion:188 Resp: 31157
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 10.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.686 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF124943.D
Acq: 5 Aug 2021 10:03

Tgt Ion:248 Resp: 1258
Ion Ratio Lower Upper
248 100
250 179.6 74.2 111.4#
141 456.2 60.4 90.6#

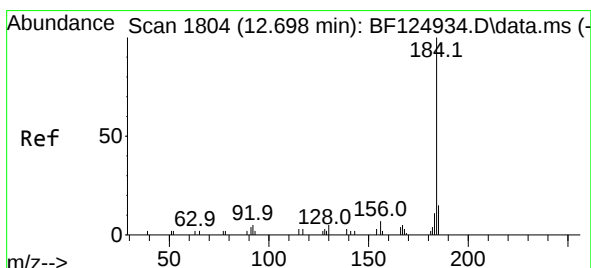
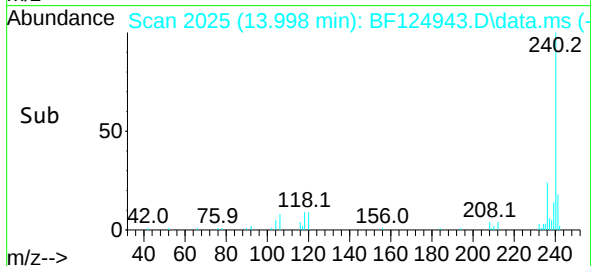
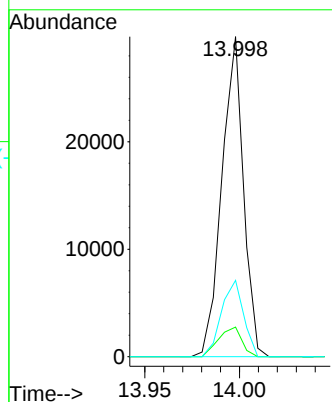
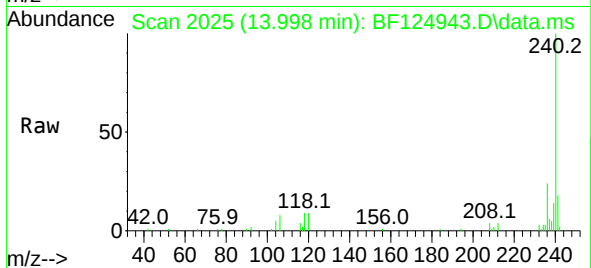




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF124943.D
Acq: 5 Aug 2021 10:03

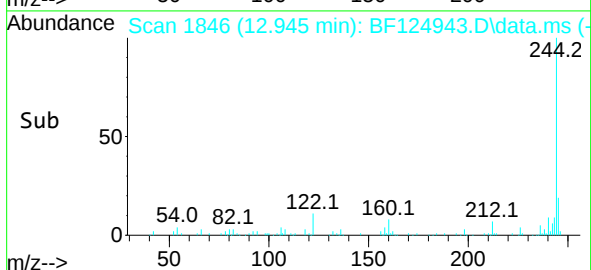
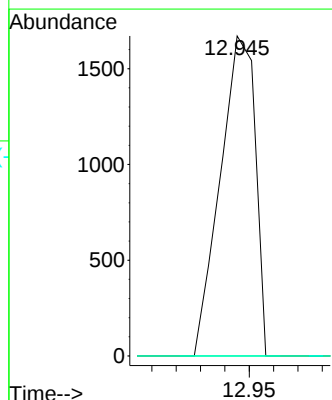
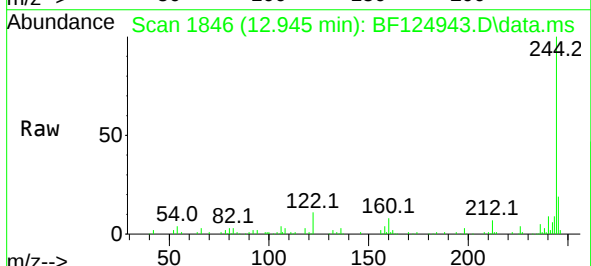
Instrument :
BNA_F
ClientSampleId :
PB138103BL

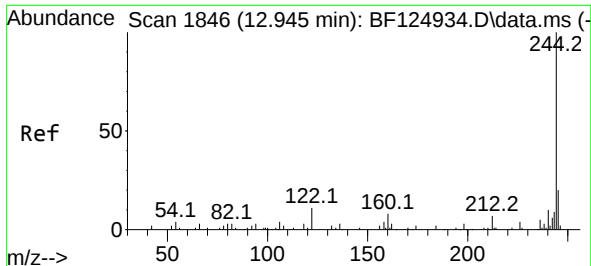
Tgt Ion:240 Resp: 23620
Ion Ratio Lower Upper
240 100
120 9.2 10.8 16.2#
236 23.8 21.6 32.4



#77
Benzidine
Concen: 2.639 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.247 min
Lab File: BF124943.D
Acq: 5 Aug 2021 10:03

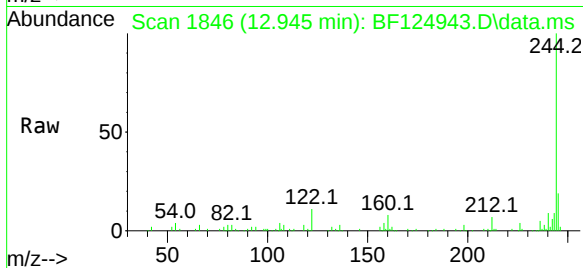
Tgt Ion:184 Resp: 1668
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



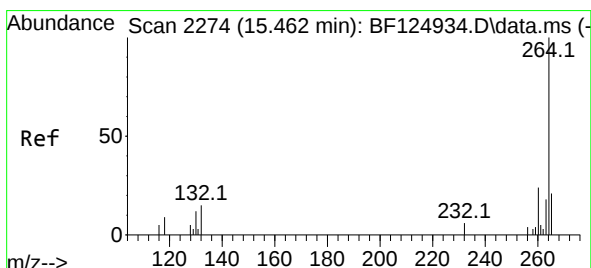
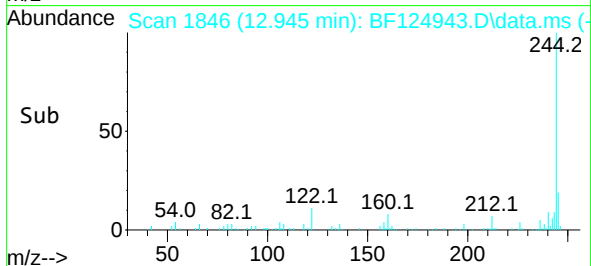
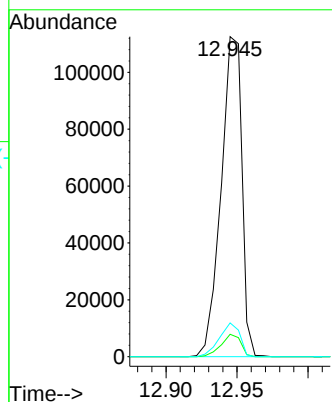


#79
 Terphenyl-d14
 Concen: 81.854 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: BF124943.D
 Acq: 5 Aug 2021 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB138103BL



Tgt Ion:244 Resp: 114617
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.6 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF124943.D
 Acq: 5 Aug 2021 10:03

Tgt Ion:264 Resp: 19079
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 19.7 17.2 25.8

