

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
 Data File : BF130424.D
 Acq On : 27 Sep 2022 14:30
 Operator : CG\JU
 Sample : N4764-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-01

Quant Time: Sep 27 18:53:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 27 01:00:47 2022
 Response via : Initial Calibration

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

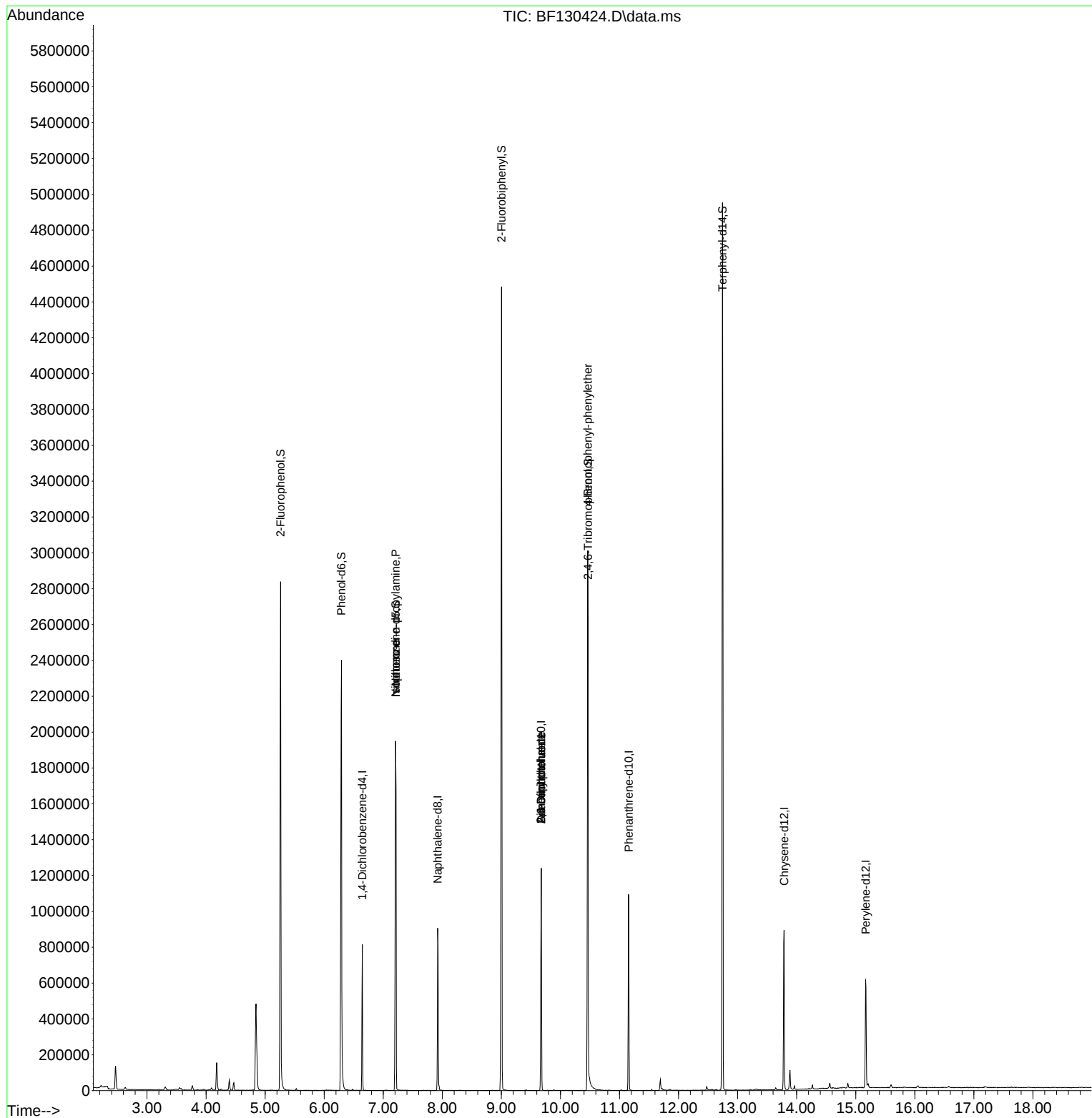
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	105285	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	415918	20.000	ng	-0.02
39) Acenaphthene-d10	9.674	164	231564	20.000	ng	-0.01
64) Phenanthrene-d10	11.157	188	412772	20.000	ng	#-0.01
76) Chrysene-d12	13.786	240	309335	20.000	ng	-0.02
86) Perylene-d12	15.168	264	255892	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	817079	134.606	ng	0.02
7) Phenol-d6	6.292	99	955680	125.827	ng	0.00
23) Nitrobenzene-d5	7.210	82	701761	86.199	ng	-0.01
42) 2,4,6-Tribromophenol	10.469	330	417898	188.342	ng	-0.01
45) 2-Fluorobiphenyl	9.004	172	1433159	90.124	ng	-0.01
79) Terphenyl-d14	12.745	244	1726843	92.473	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.210	70	95159	18.567	ng	# 72
25) Isophorone	7.210	82	701844	53.488	ng	# 66
50) Dimethylphthalate	9.674	163	42934	2.684	ng	# 1
51) 2,6-Dinitrotoluene	9.674	165	29918	8.943	ng	# 16
57) 2,4-Dinitrotoluene	9.674	165	29918	6.998	ng	# 16
67) 4-Bromophenyl-phenylether	10.463	248	25647	5.632	ng	# 1

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

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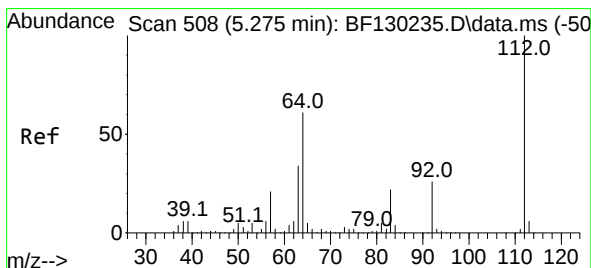
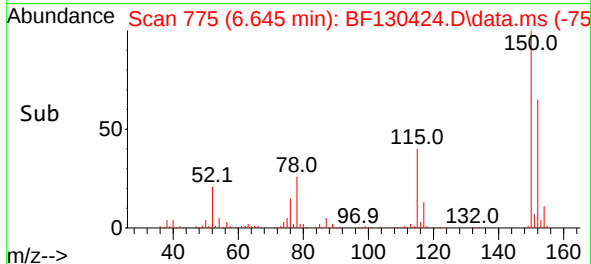
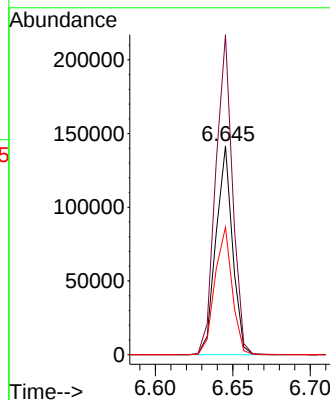
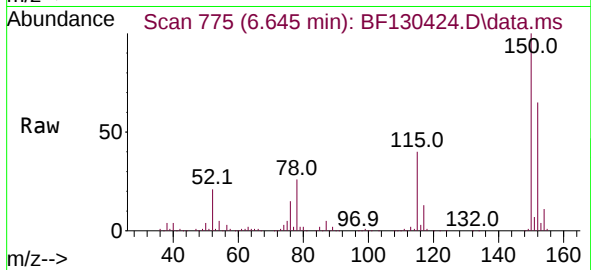




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.645 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130424.D
Acq: 27 Sep 2022 14:30

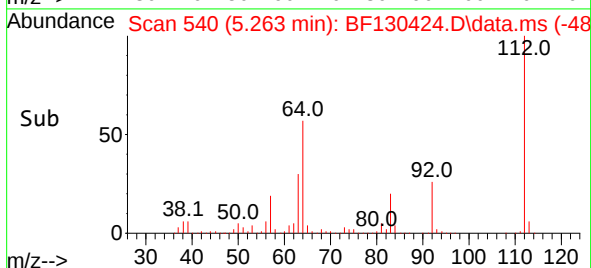
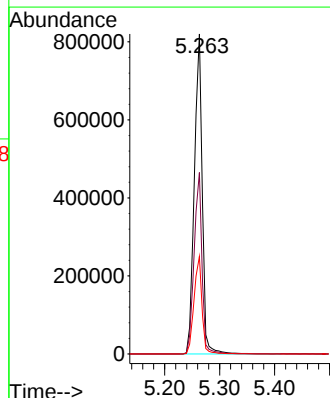
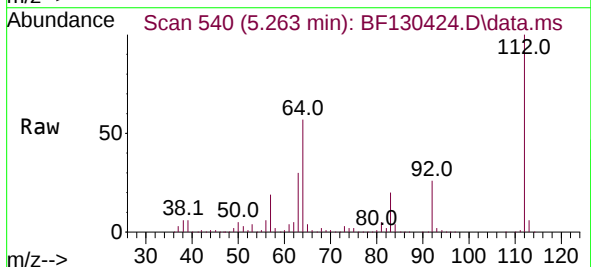
Instrument :
BNA_F
ClientSampleId :
RBR-01

Tgt Ion:152 Resp: 105285
Ion Ratio Lower Upper
152 100
150 153.2 122.8 184.2
115 61.1 53.8 80.8



#5
2-Fluorophenol
Concen: 134.606 ng
RT: 5.263 min Scan# 540
Delta R.T. 0.017 min
Lab File: BF130424.D
Acq: 27 Sep 2022 14:30

Tgt Ion:112 Resp: 817079
Ion Ratio Lower Upper
112 100
64 56.7 51.4 77.0
63 30.4 28.8 43.2

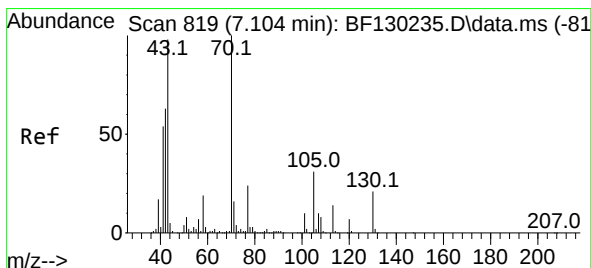
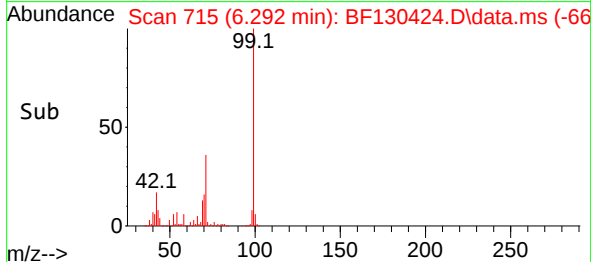
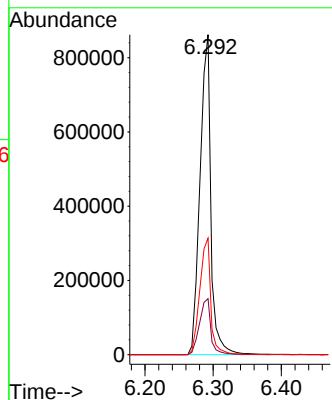
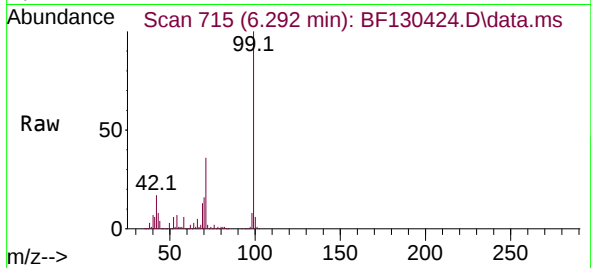




#7
Phenol-d6
Concen: 125.827 ng
RT: 6.292 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130424.D
Acq: 27 Sep 2022 14:30

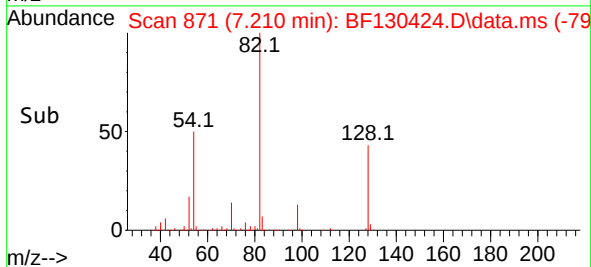
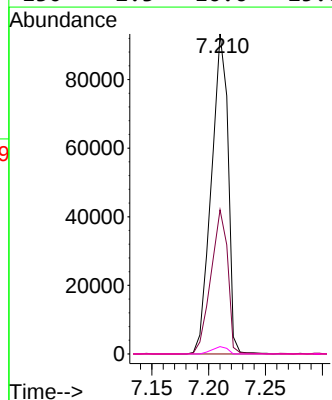
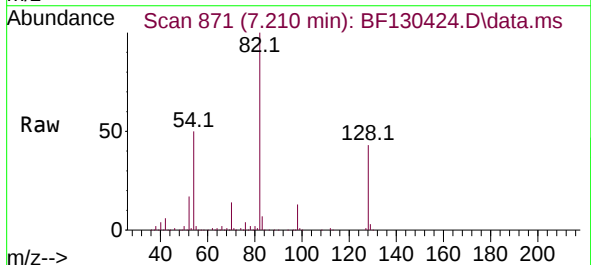
Instrument :
BNA_F
ClientSampleId :
RBR-01

Tgt Ion: 99 Resp: 955680
Ion Ratio Lower Upper
99 100
42 17.5 17.0 25.6
71 36.4 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.567 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.135 min
Lab File: BF130424.D
Acq: 27 Sep 2022 14:30

Tgt Ion: 70 Resp: 95159
Ion Ratio Lower Upper
70 100
42 45.1 50.8 76.2#
101 0.0 8.2 12.4#
130 2.3 16.6 25.0#

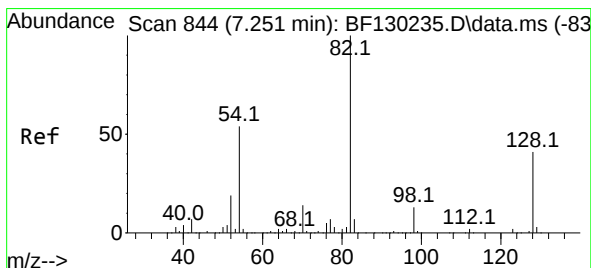
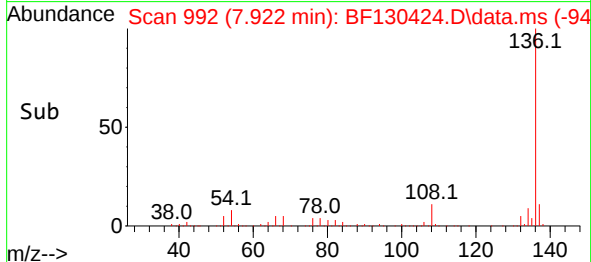
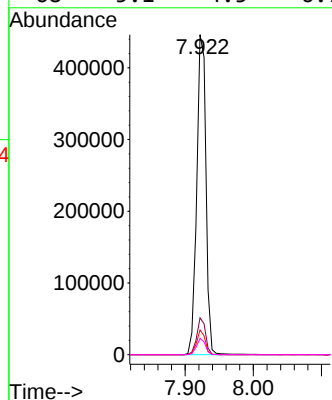
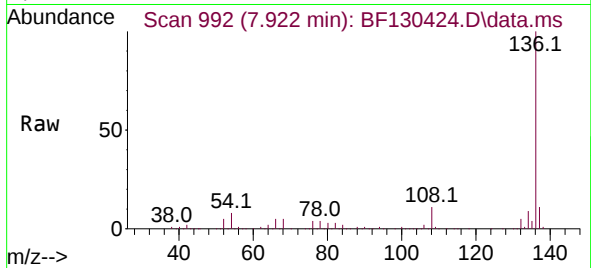




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF130424.D
Acq: 27 Sep 2022 14:30

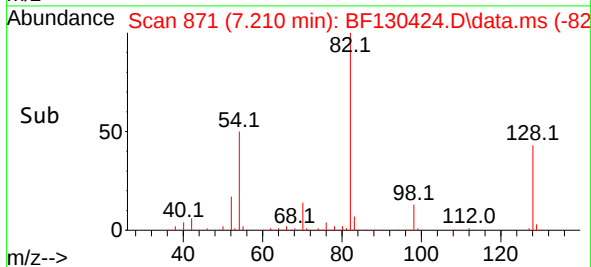
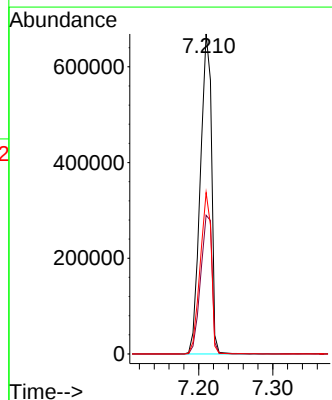
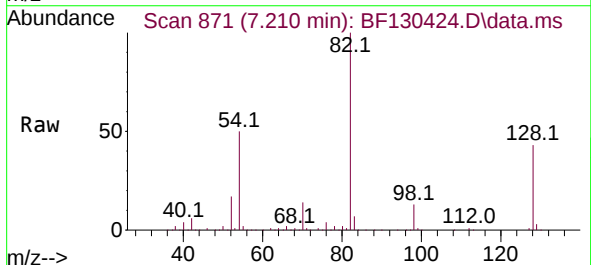
Instrument :
BNA_F
ClientSampleId :
RBR-01

Tgt Ion:136 Resp: 415918
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 7.7 7.1 10.7
68 5.1 4.5 6.7



#23
Nitrobenzene-d5
Concen: 86.199 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF130424.D
Acq: 27 Sep 2022 14:30

Tgt Ion: 82 Resp: 701761
Ion Ratio Lower Upper
82 100
128 43.3 32.6 49.0
54 50.4 43.8 65.6

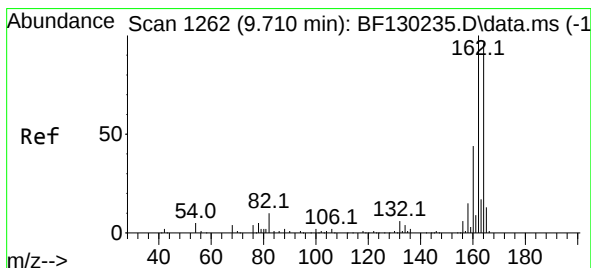
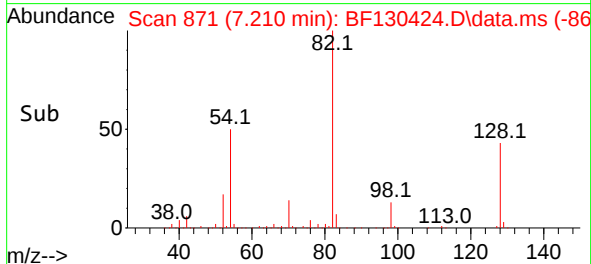
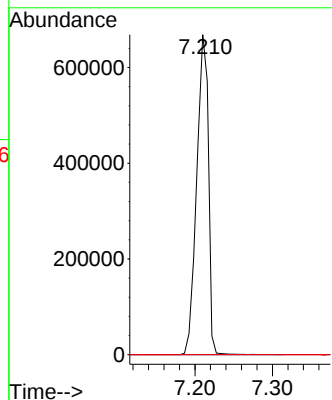
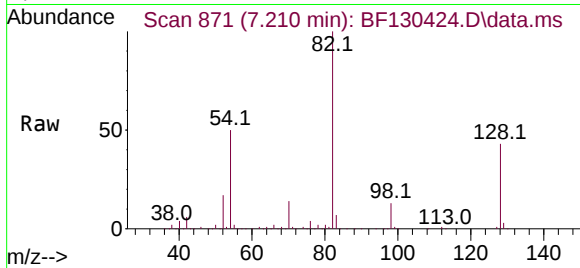




#25
Isophorone
Concen: 53.488 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF130424.D
Acq: 27 Sep 2022 14:30

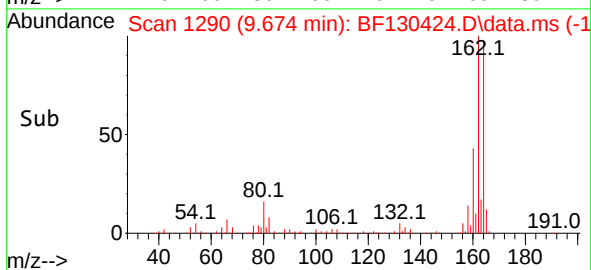
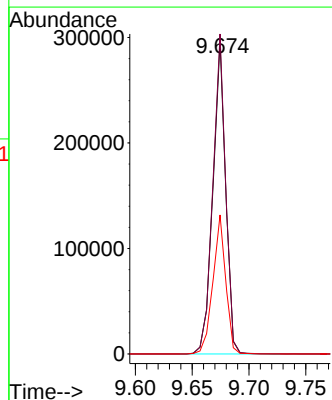
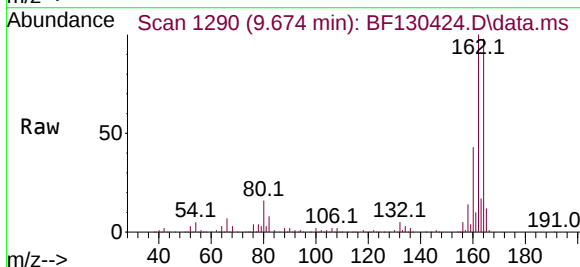
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BNA_F
ClientSampleId :
RBR-01

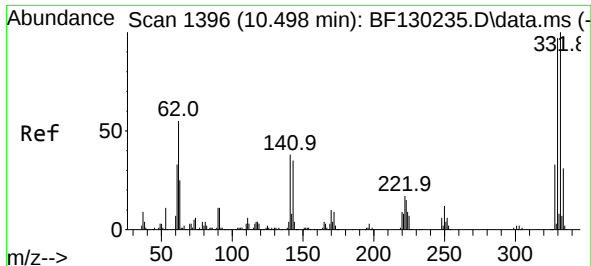
Tgt Ion: 82 Resp: 701844
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.674 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BF130424.D
Acq: 27 Sep 2022 14:30

Tgt Ion: 164 Resp: 231564
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 44.5 36.2 54.4

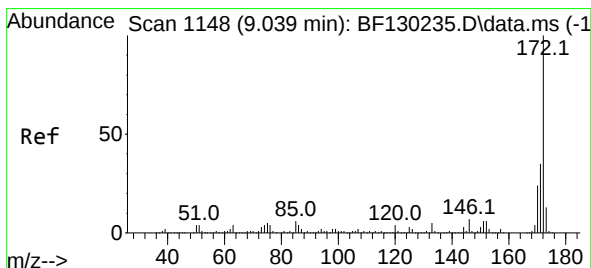
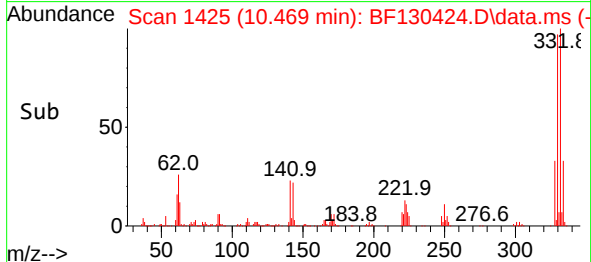
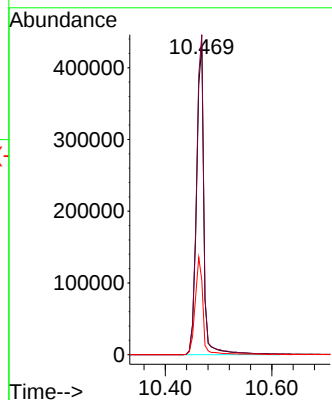
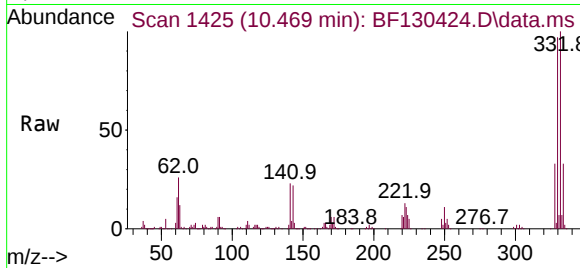




#42
2,4,6-Tribromophenol
Concen: 188.342 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF130424.D
Acq: 27 Sep 2022 14:30

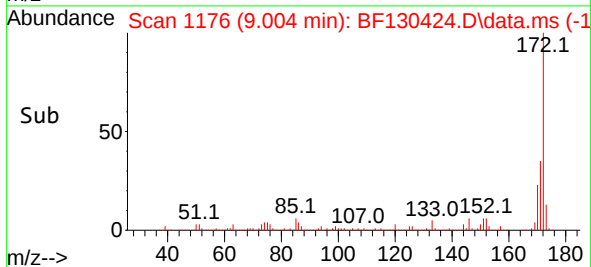
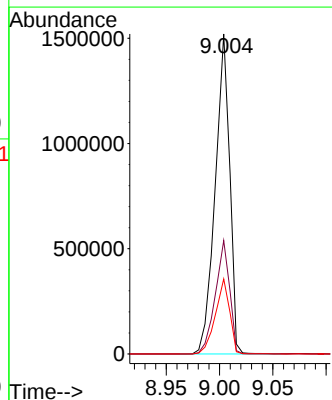
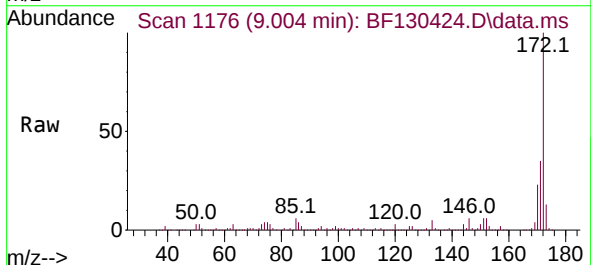
Instrument :
BNA_F
ClientSampleId :
RBR-01

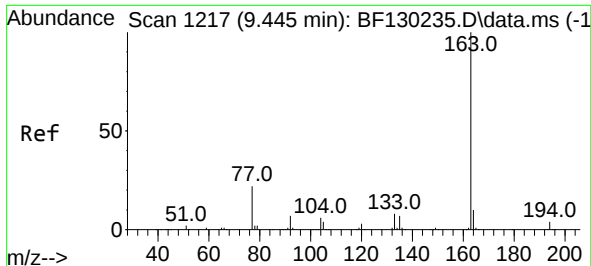
Tgt Ion:330 Resp: 417898
Ion Ratio Lower Upper
330 100
332 103.4 83.4 125.2
141 33.1 34.0 51.0#



#45
2-Fluorobiphenyl
Concen: 90.124 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.012 min
Lab File: BF130424.D
Acq: 27 Sep 2022 14:30

Tgt Ion:172 Resp: 1433159
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.4 18.7 28.1

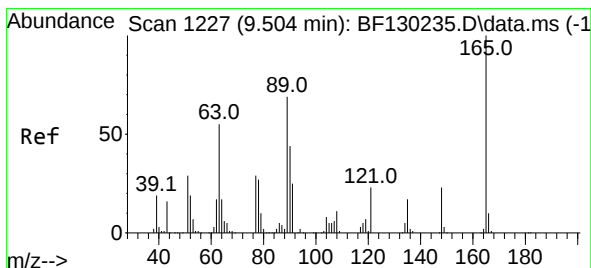
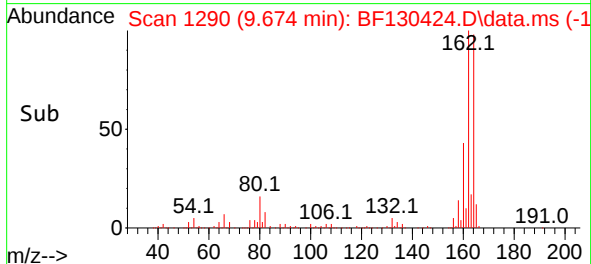
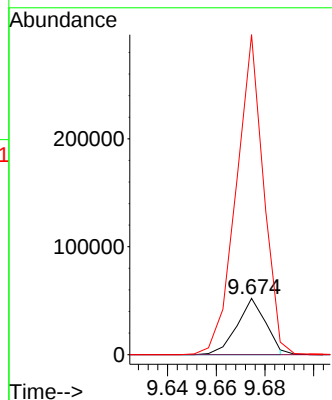
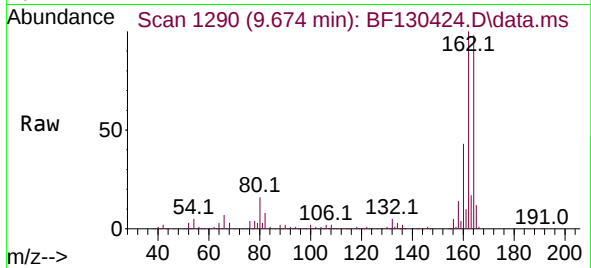




#50
Dimethylphthalate
Concen: 2.684 ng
RT: 9.674 min Scan# 1290
Delta R.T. 0.253 min
Lab File: BF130424.D
Acq: 27 Sep 2022 14:30

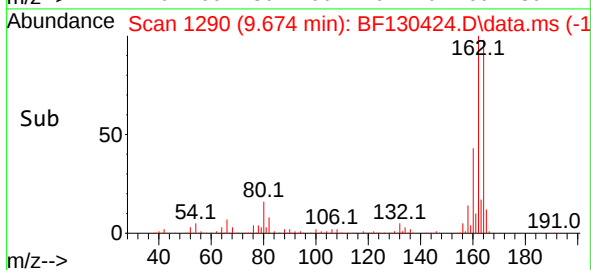
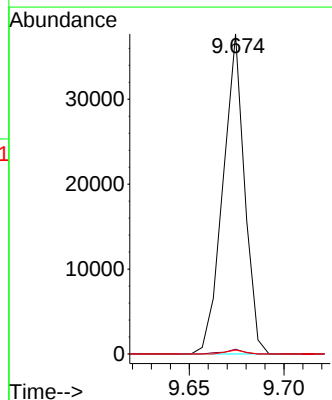
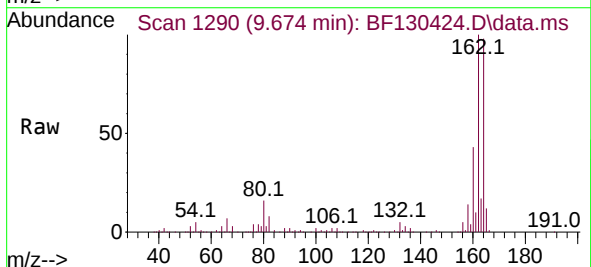
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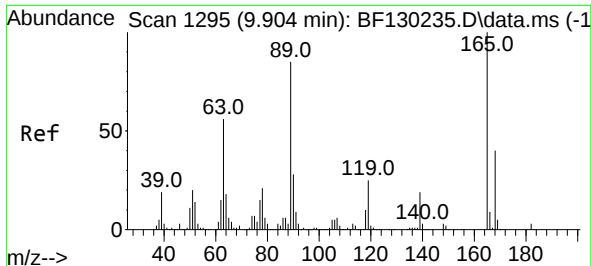
Tgt Ion:163 Resp: 42934
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 568.2 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.943 ng
RT: 9.674 min Scan# 1290
Delta R.T. 0.188 min
Lab File: BF130424.D
Acq: 27 Sep 2022 14:30

Tgt Ion:165 Resp: 29918
Ion Ratio Lower Upper
165 100
63 1.5 58.8 88.2#
89 1.2 54.5 81.7#

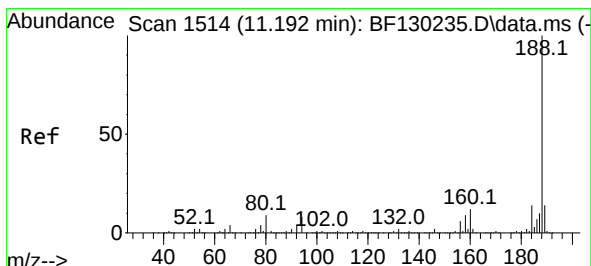
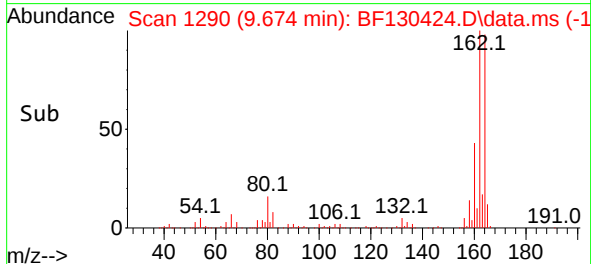
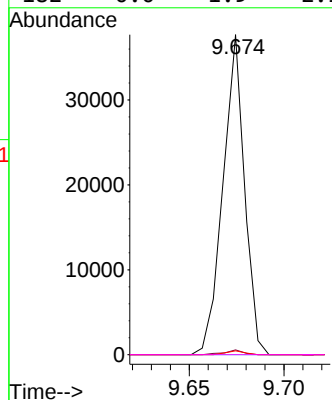
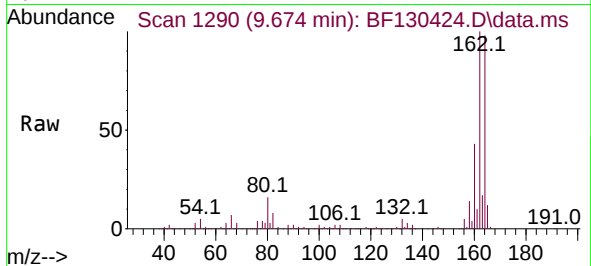




#57
2,4-Dinitrotoluene
Concen: 6.998 ng
RT: 9.674 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130424.D
Acq: 27 Sep 2022 14:30

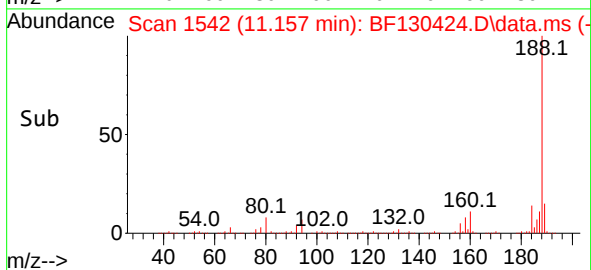
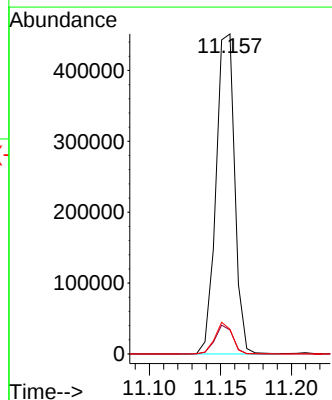
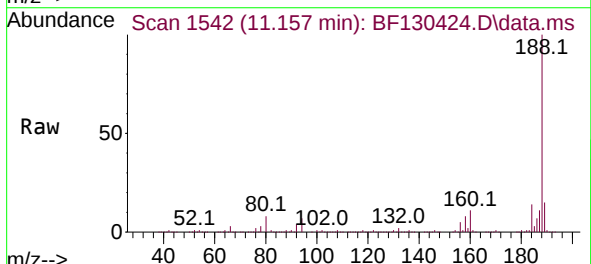
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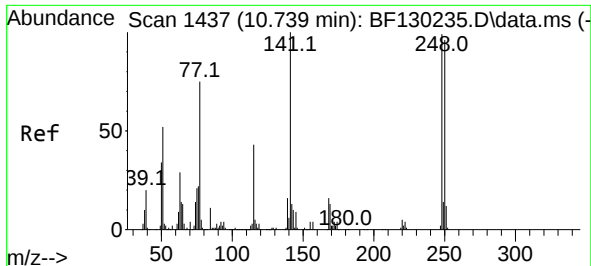
Tgt Ion:165 Resp: 29918
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 1.2 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.157 min Scan# 1542
Delta R.T. -0.012 min
Lab File: BF130424.D
Acq: 27 Sep 2022 14:30

Tgt Ion:188 Resp: 412772
Ion Ratio Lower Upper
188 100
94 7.5 7.4 11.2
80 7.7 7.9 11.9#

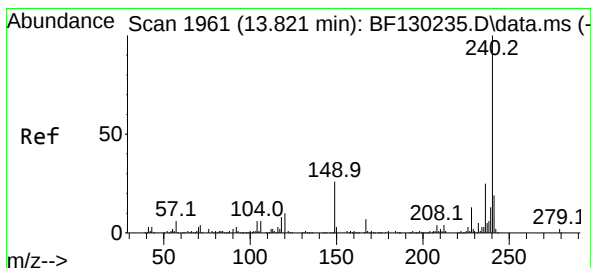
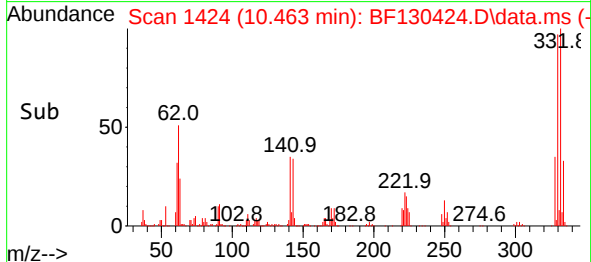
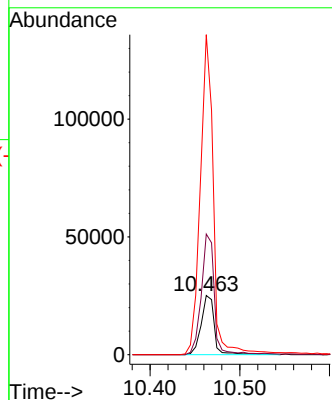
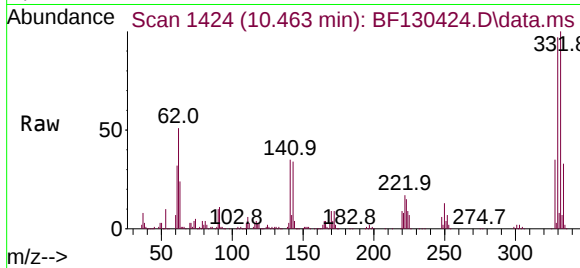




#67
4-Bromophenyl-phenylether
Concen: 5.632 ng
RT: 10.463 min Scan# 1437
Delta R.T. -0.259 min
Lab File: BF130424.D
Acq: 27 Sep 2022 14:30

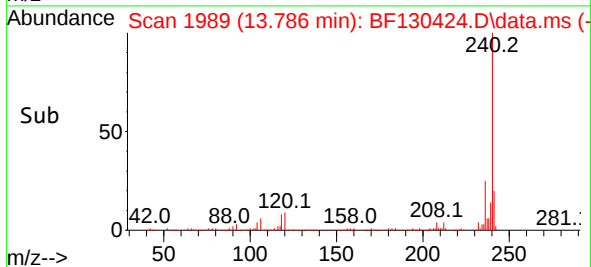
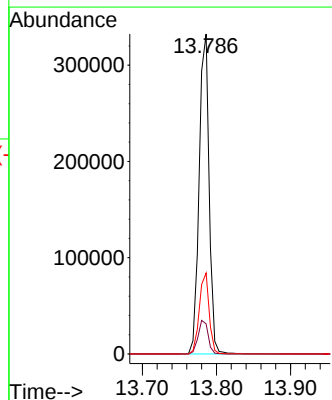
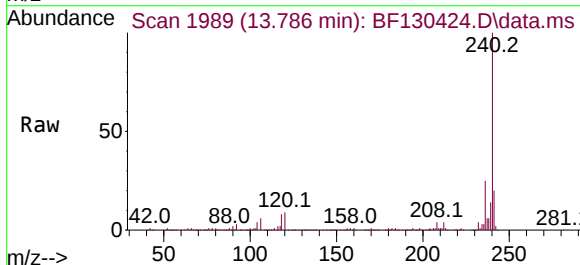
Instrument :
BNA_F
ClientSampleId :
RBR-01

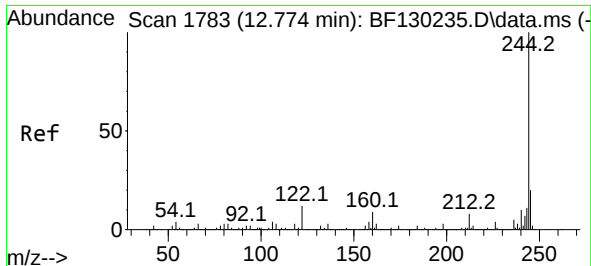
Tgt Ion:248 Resp: 25647
Ion Ratio Lower Upper
248 100
250 204.0 80.0 120.0#
141 540.7 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.786 min Scan# 1989
Delta R.T. -0.018 min
Lab File: BF130424.D
Acq: 27 Sep 2022 14:30

Tgt Ion:240 Resp: 309335
Ion Ratio Lower Upper
240 100
120 9.4 8.7 13.1
236 25.3 20.9 31.3

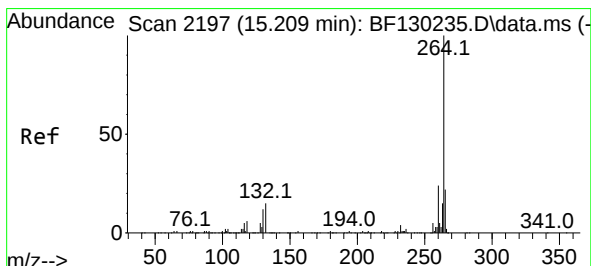
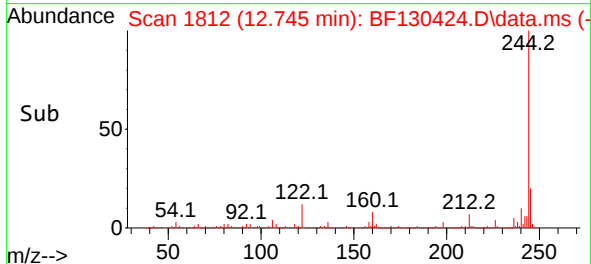
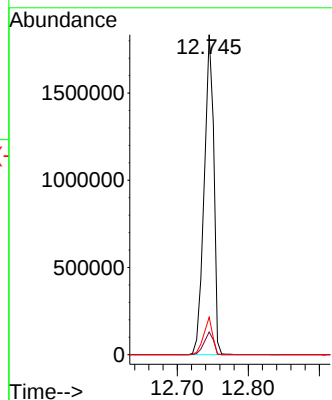
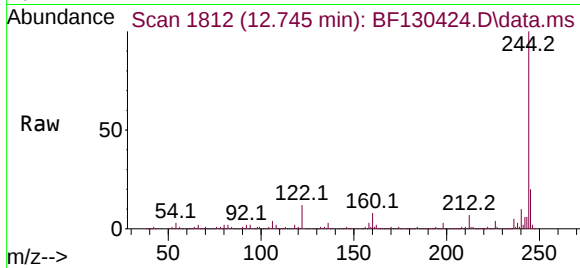




#79
 Terphenyl-d14
 Concen: 92.473 ng
 RT: 12.745 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130424.D
 Acq: 27 Sep 2022 14:30

Instrument :
 BNA_F
 ClientSampleId :
 RBR-01

Tgt Ion:244 Resp: 1726843
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.7 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 2224
 Delta R.T. -0.024 min
 Lab File: BF130424.D
 Acq: 27 Sep 2022 14:30

Tgt Ion:264 Resp: 255892
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.3 28.9
 265 21.0 17.0 25.4

