

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
 Data File : BF130473.D
 Acq On : 29 Sep 2022 18:42
 Operator : CG\JU
 Sample : N4867-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-21145

Quant Time: Sep 30 03:09:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

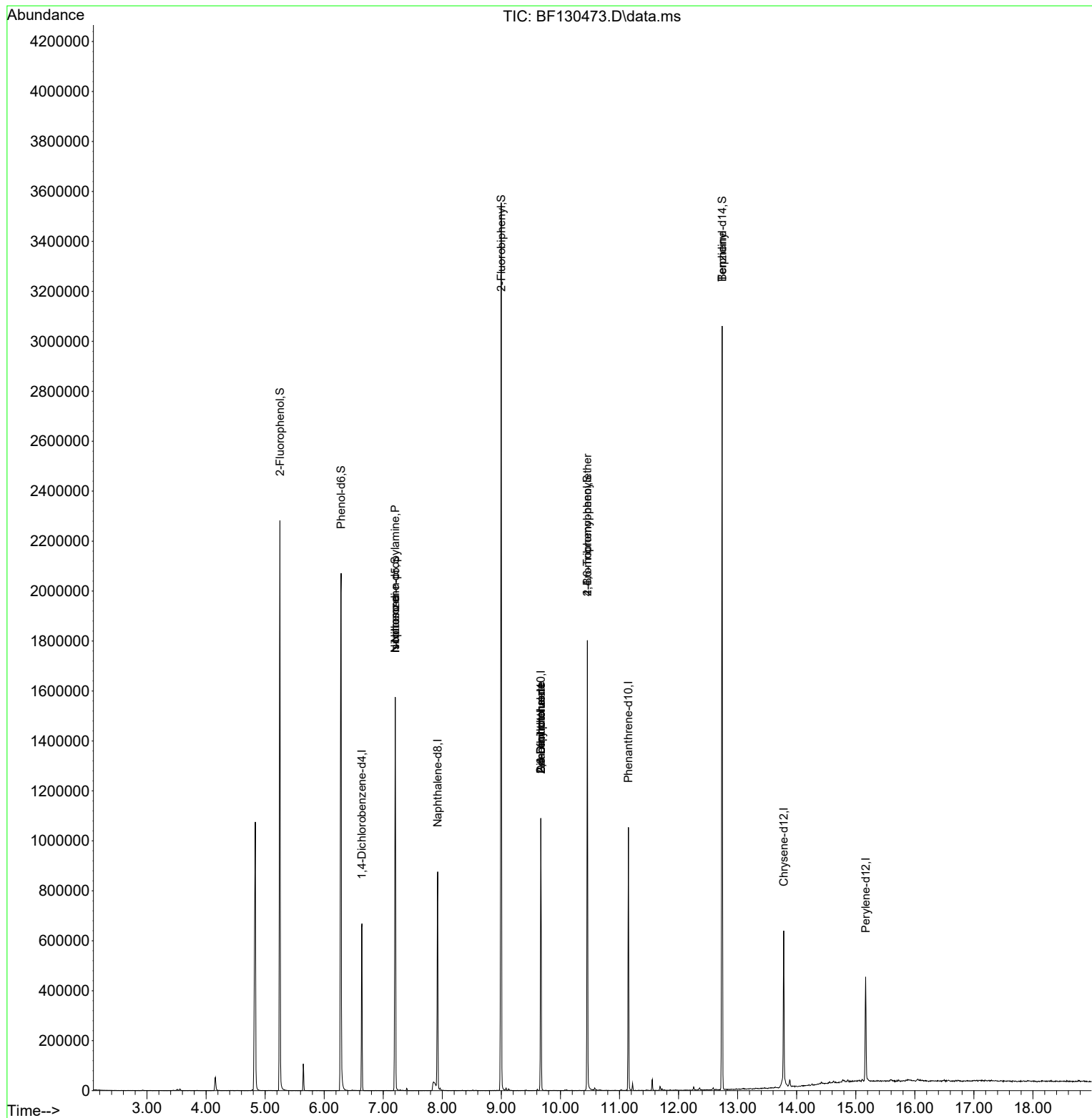
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.640	152	103821	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	399503	20.000	ng	# 0.00
39) Acenaphthene-d10	9.669	164	214452	20.000	ng	-0.01
64) Phenanthrene-d10	11.151	188	347014	20.000	ng	0.00
76) Chrysene-d12	13.780	240	193206	20.000	ng	-0.01
86) Perylene-d12	15.168	264	172519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	621356	103.806	ng	0.00
7) Phenol-d6	6.287	99	815663	108.906	ng	0.00
23) Nitrobenzene-d5	7.204	82	526345	67.309	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	197238	95.986	ng	-0.01
45) 2-Fluorobiphenyl	8.998	172	1057203	71.787	ng	-0.01
79) Terphenyl-d14	12.739	244	990253	84.901	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.204	70	71249	14.098	ng	# 73
25) Isophorone	7.204	82	522858	41.485	ng	# 66
50) Dimethylphthalate	9.669	163	39001	2.633	ng	# 1
51) 2,6-Dinitrotoluene	9.669	165	27456	8.862	ng	# 15
57) 2,4-Dinitrotoluene	9.669	165	27456	6.934	ng	# 15
67) 4-Bromophenyl-phenylether	10.457	248	12652	3.305	ng	# 1
77) Benzidine	12.739	184	14009	2.498	ng	# 95

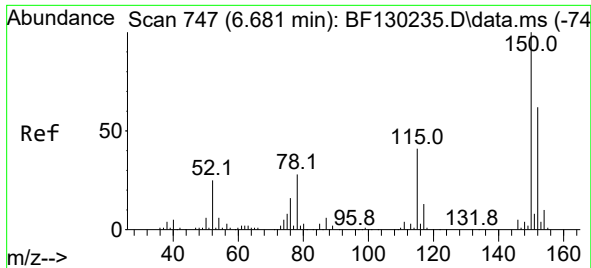
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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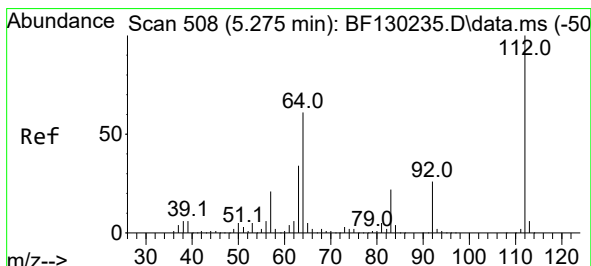
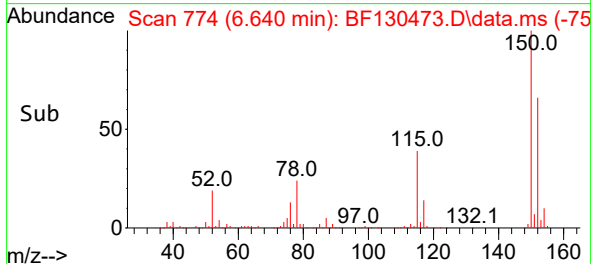
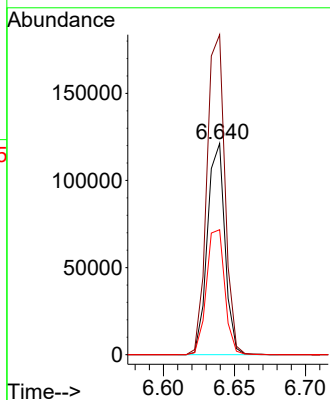
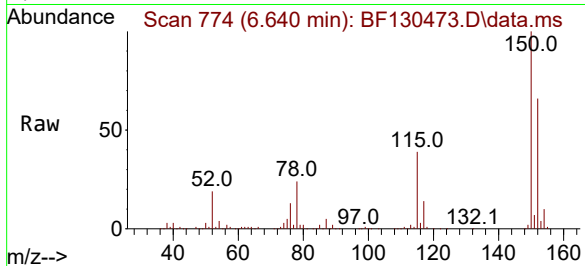




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.640 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

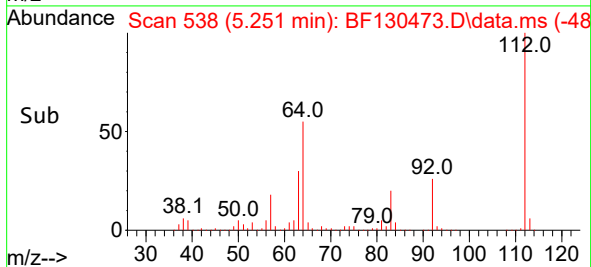
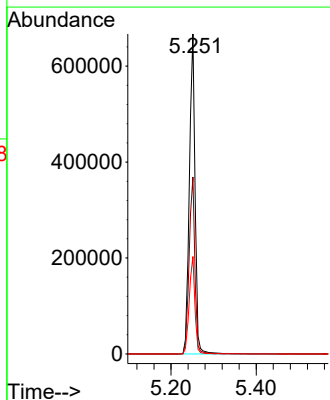
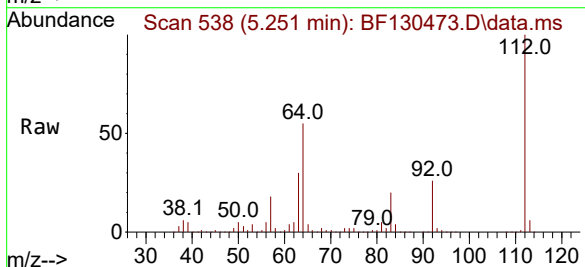
Instrument :
BNA_F
ClientSampleId :
RBR-21145

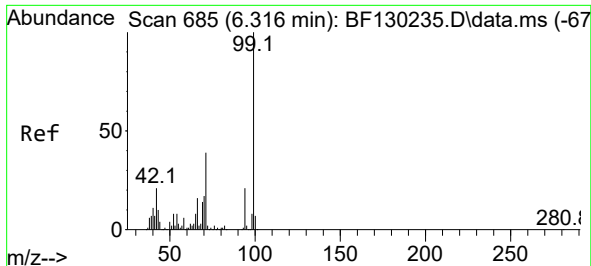
Tgt Ion:152 Resp: 103821
Ion Ratio Lower Upper
152 100
150 151.6 122.8 184.2
115 59.2 53.8 80.8



#5
2-Fluorophenol
Concen: 103.806 ng
RT: 5.251 min Scan# 538
Delta R.T. 0.006 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

Tgt Ion:112 Resp: 621356
Ion Ratio Lower Upper
112 100
64 55.3 51.4 77.0
63 30.5 28.8 43.2

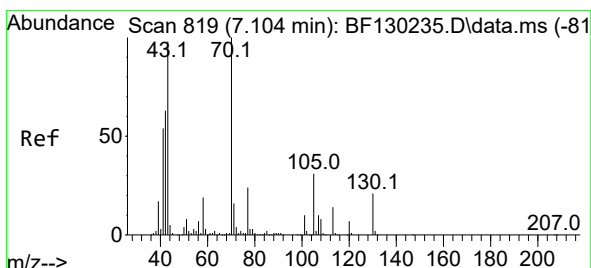
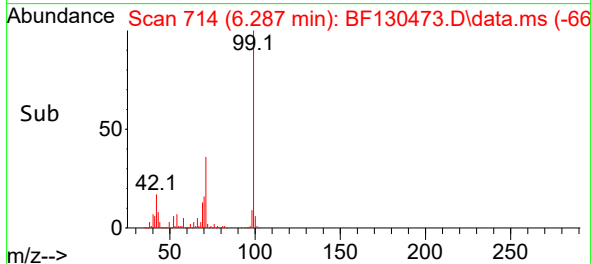
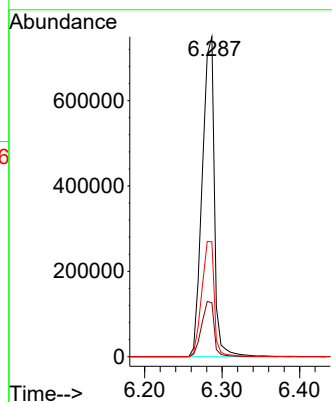
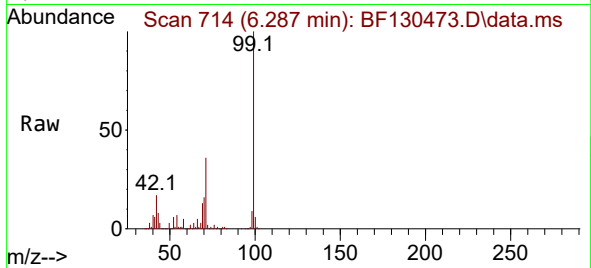




#7
Phenol-d6
Concen: 108.906 ng
RT: 6.287 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

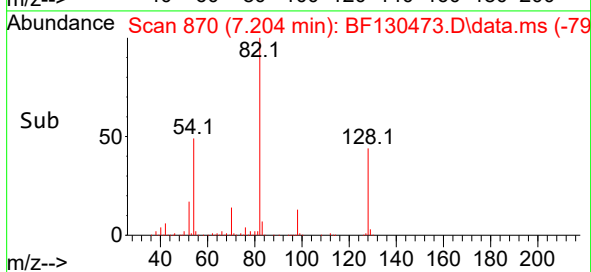
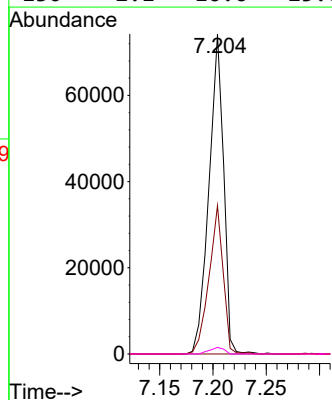
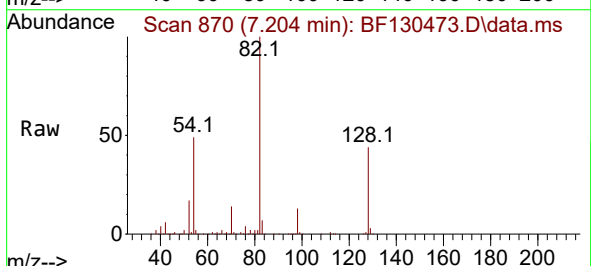
Instrument :
BNA_F
ClientSampleId :
RBR-21145

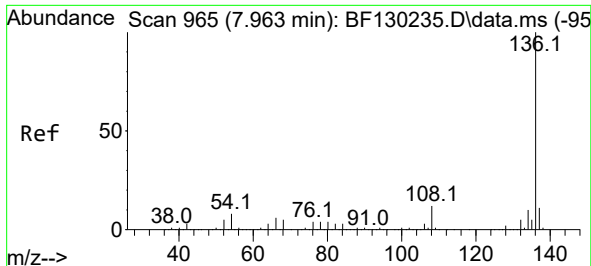
Tgt Ion: 99 Resp: 815663
Ion Ratio Lower Upper
99 100
42 16.9 17.0 25.6#
71 35.9 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.098 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

Tgt Ion: 70 Resp: 71249
Ion Ratio Lower Upper
70 100
42 46.3 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#

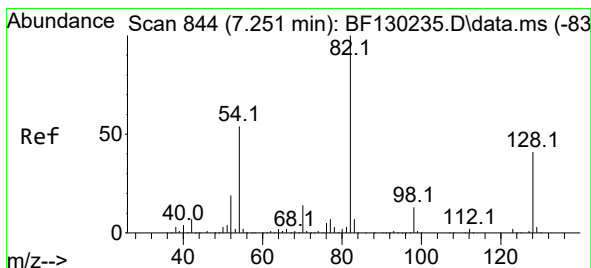
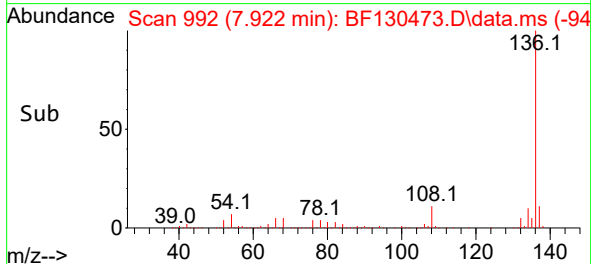
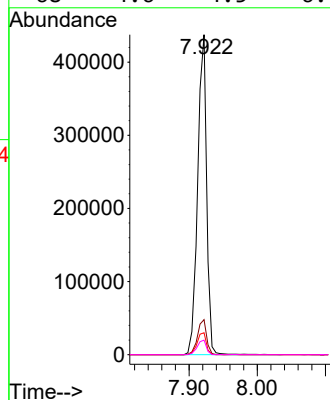
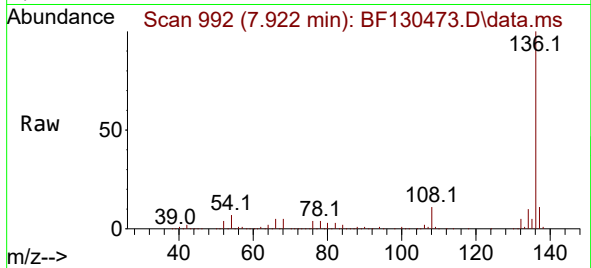




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

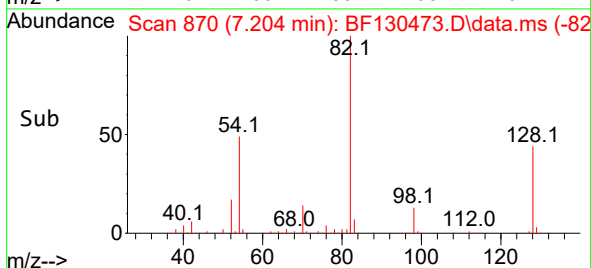
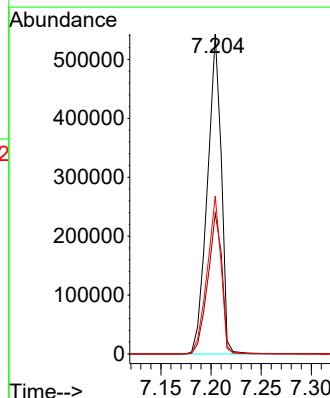
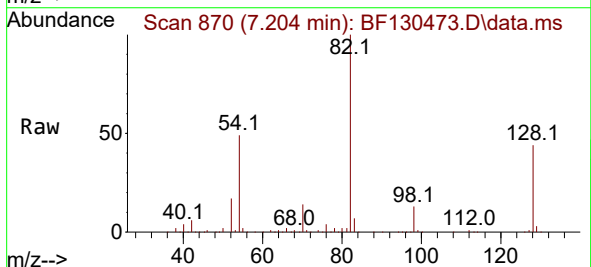
Instrument :
BNA_F
ClientSampleId :
RBR-21145

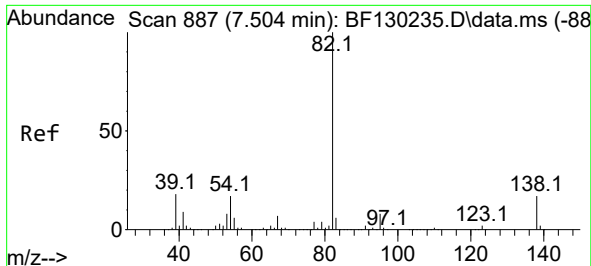
Tgt Ion:136 Resp: 399503
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.8 7.1 10.7#
68 4.6 4.5 6.7



#23
Nitrobenzene-d5
Concen: 67.309 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

Tgt Ion: 82 Resp: 526345
Ion Ratio Lower Upper
82 100
128 44.0 32.6 49.0
54 49.3 43.8 65.6

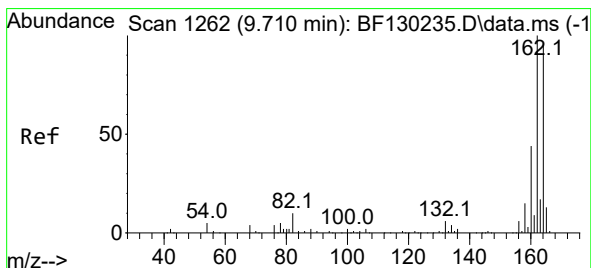
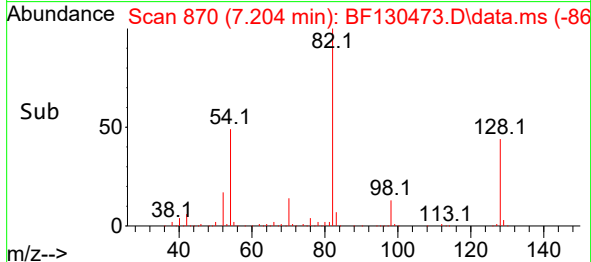
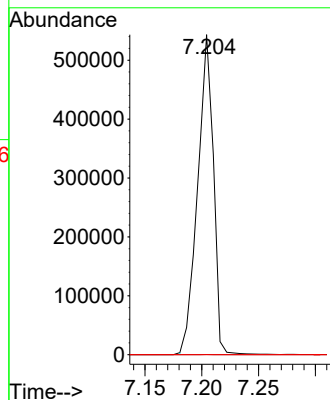
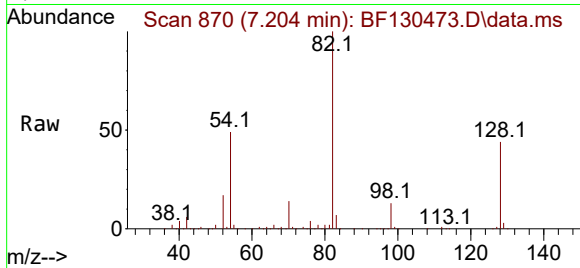




#25
Isophorone
Concen: 41.485 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

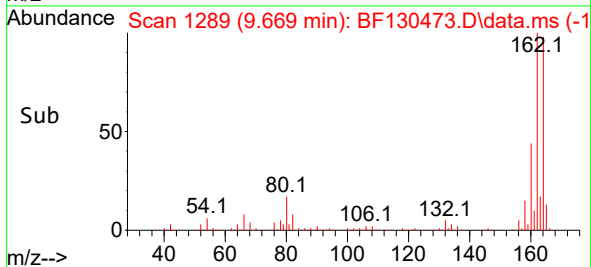
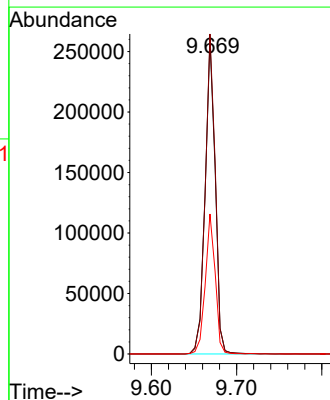
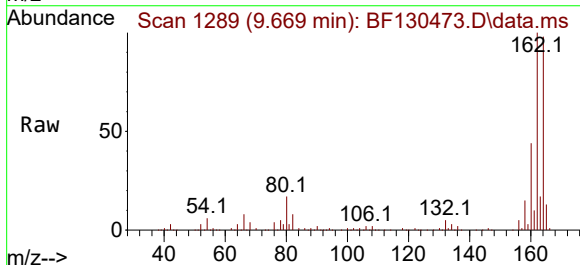
Instrument :
BNA_F
ClientSampleId :
RBR-21145

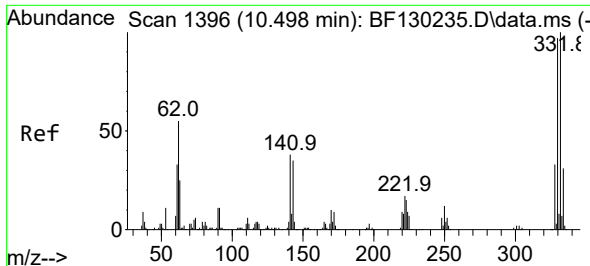
Tgt Ion: 82 Resp: 522858
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

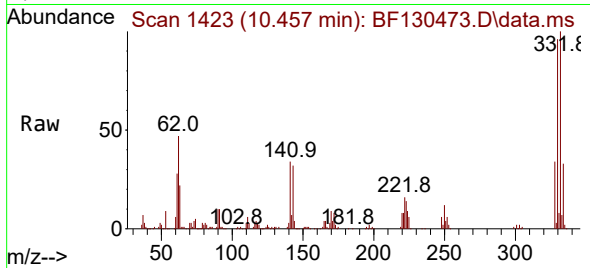
Tgt Ion: 164 Resp: 214452
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 44.5 36.2 54.4



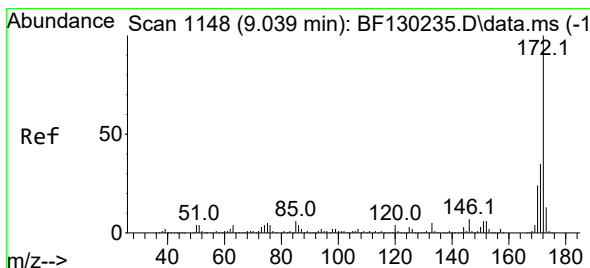
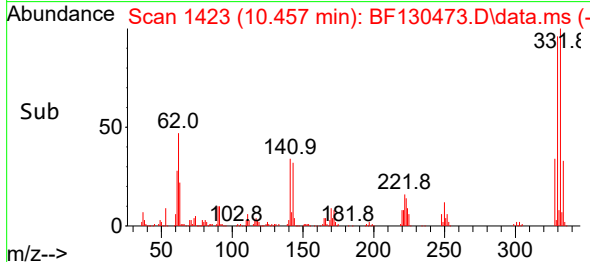
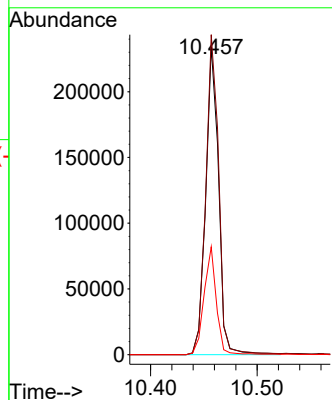


#42
2,4,6-Tribromophenol
Concen: 95.986 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

Instrument :
BNA_F
ClientSampleId :
RBR-21145

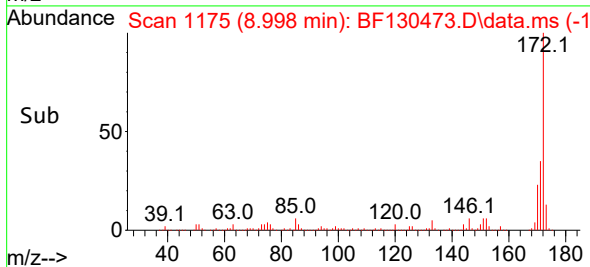
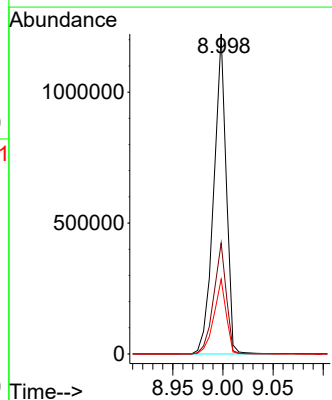
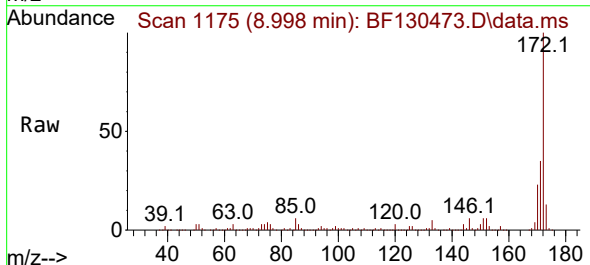


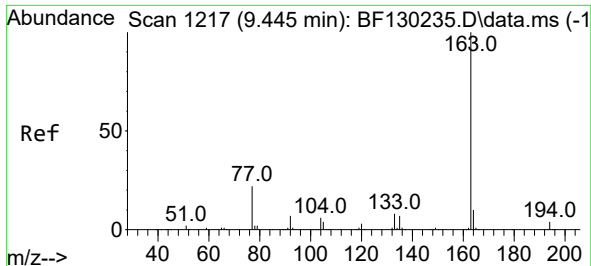
Tgt Ion:330 Resp: 197238
Ion Ratio Lower Upper
330 100
332 105.0 83.4 125.2
141 34.0 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 71.787 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

Tgt Ion:172 Resp: 1057203
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.3 18.7 28.1

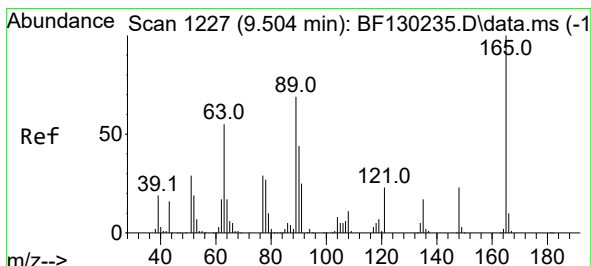
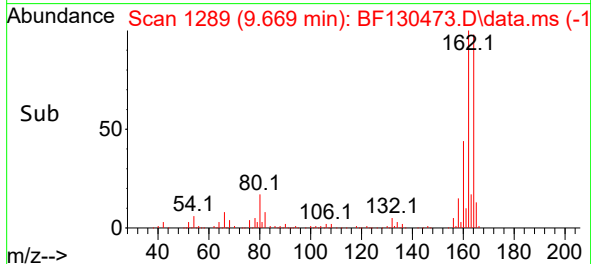
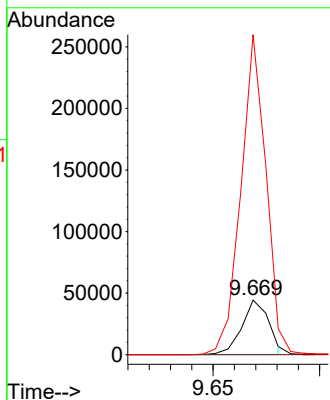
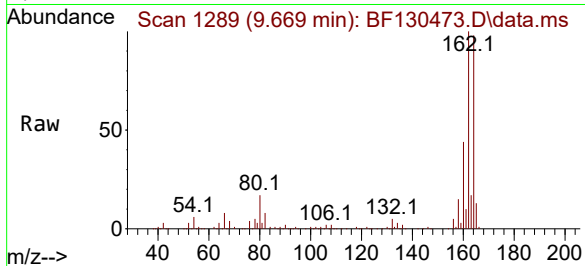




#50
Dimethylphthalate
Concen: 2.633 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.253 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

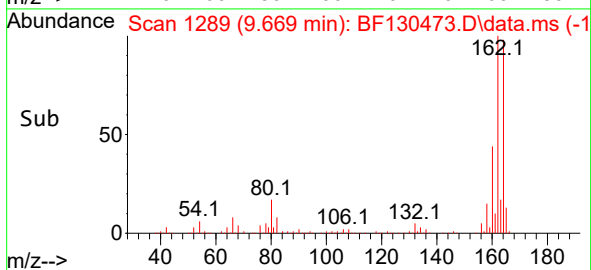
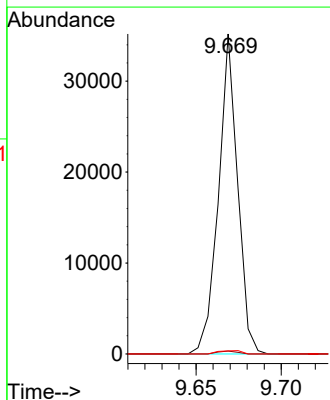
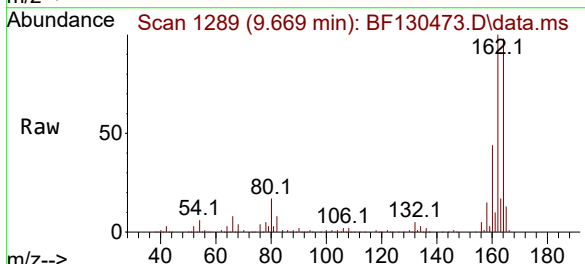
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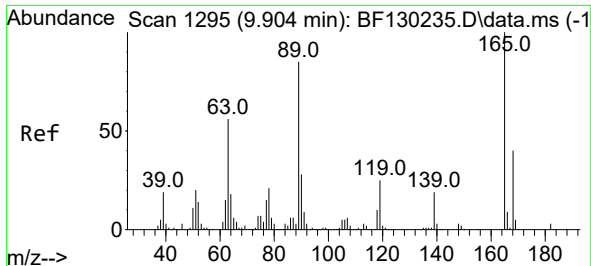
Tgt Ion:163 Resp: 39001
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 586.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.862 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.194 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

Tgt Ion:165 Resp: 27456
Ion Ratio Lower Upper
165 100
63 0.9 58.8 88.2#
89 0.9 54.5 81.7#

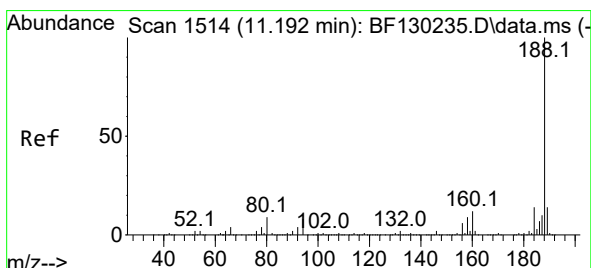
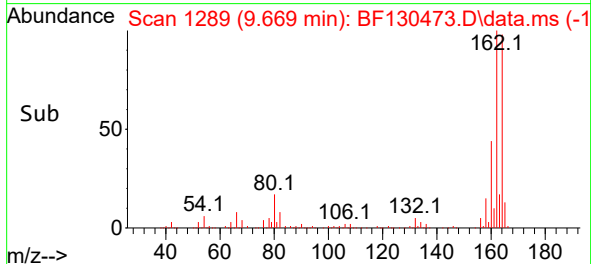
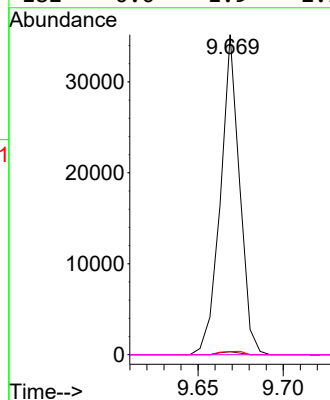
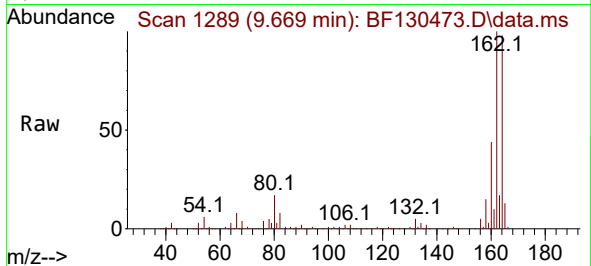




#57
2,4-Dinitrotoluene
Concen: 6.934 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

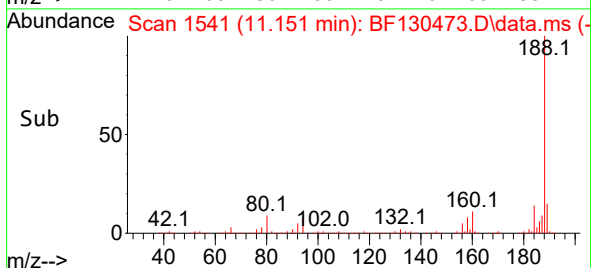
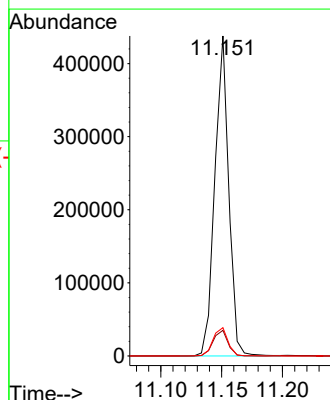
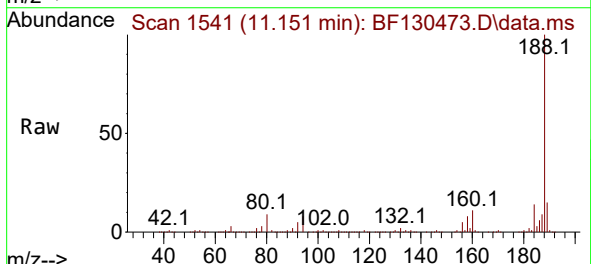
Instrument :
BNA_F
ClientSampleId :
RBR-21145

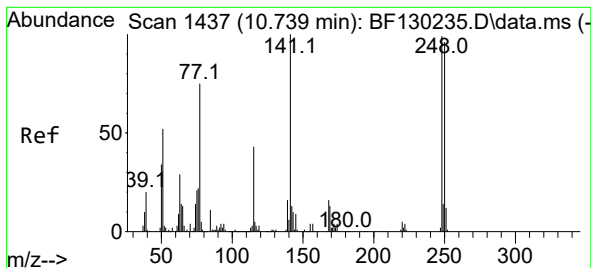
Tgt Ion:165 Resp: 27456
Ion Ratio Lower Upper
165 100
63 0.9 44.7 67.1#
89 0.9 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

Tgt Ion:188 Resp: 347014
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.8 7.9 11.9

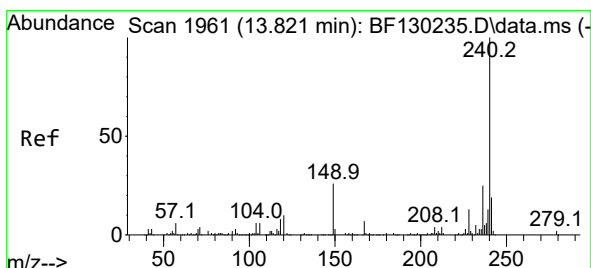
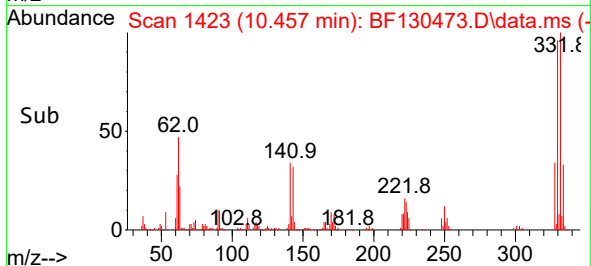
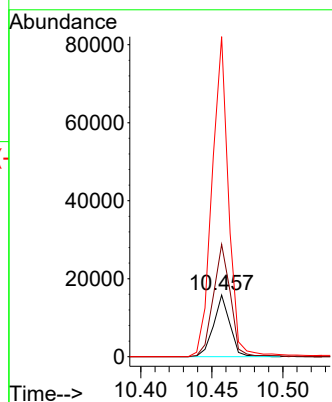
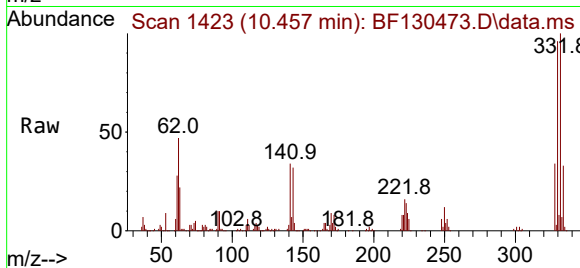




#67
4-Bromophenyl-phenylether
Concen: 3.305 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

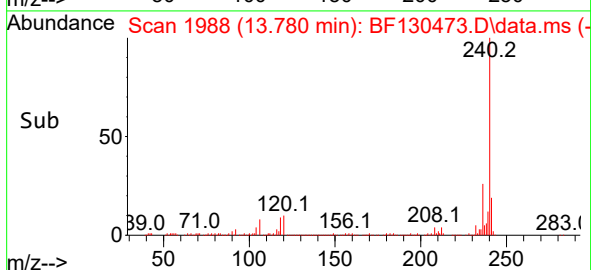
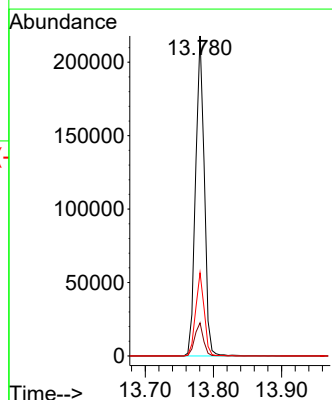
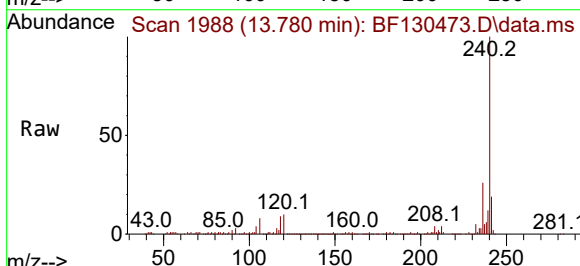
Instrument :
BNA_F
ClientSampleId :
RBR-21145

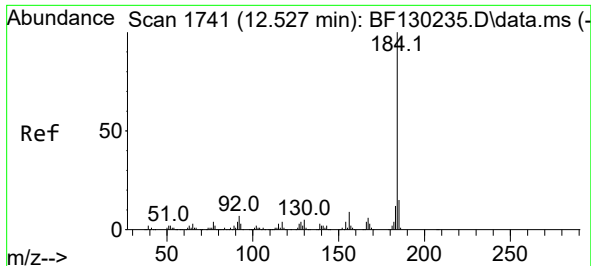
Tgt Ion:248 Resp: 12652
Ion Ratio Lower Upper
248 100
250 182.4 80.0 120.0#
141 519.5 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

Tgt Ion:240 Resp: 193206
Ion Ratio Lower Upper
240 100
120 10.4 8.7 13.1
236 26.0 20.9 31.3

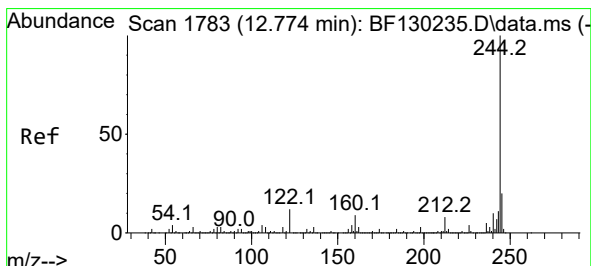
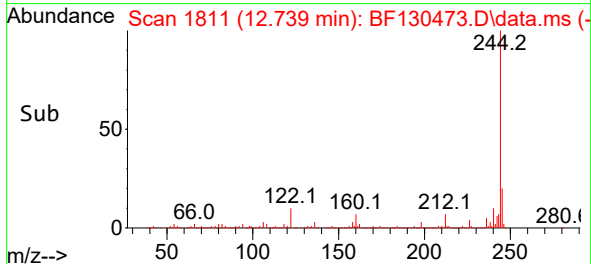
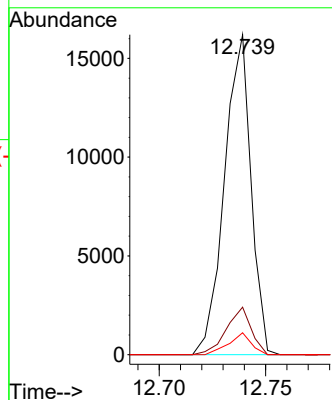
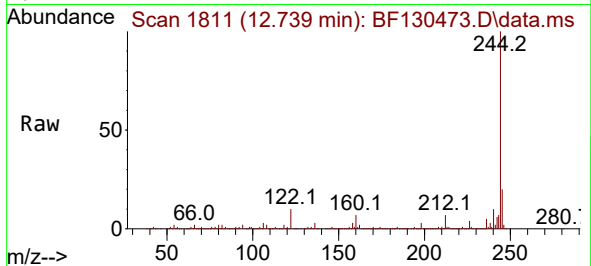




#77
Benzidine
Concen: 2.498 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.241 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

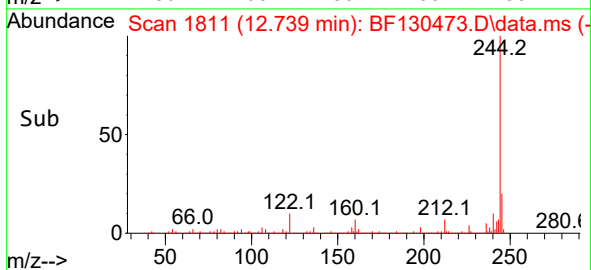
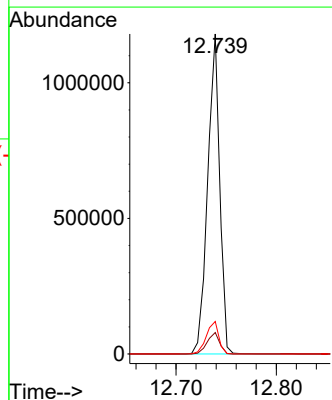
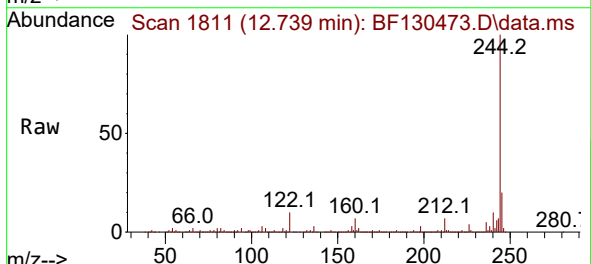
Instrument :
BNA_F
ClientSampleId :
RBR-21145

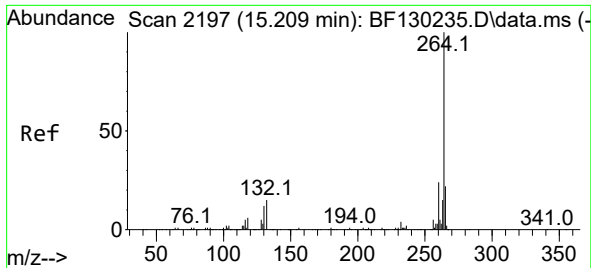
Tgt Ion:184 Resp: 14009
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.6
183 6.8 9.1 13.7#



#79
Terphenyl-d14
Concen: 84.901 ng
RT: 12.739 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

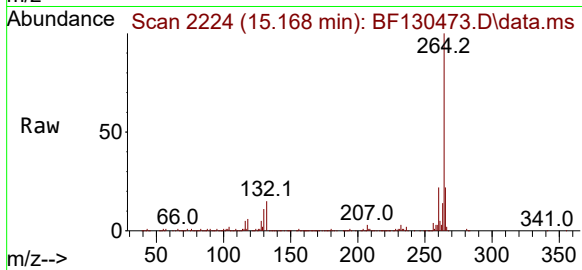
Tgt Ion:244 Resp: 990253
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 10.2 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.168 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130473.D
Acq: 29 Sep 2022 18:42

Instrument :
BNA_F
ClientSampleId :
RBR-21145



Tgt Ion:264 Resp: 172519

Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.3	28.9
265	21.8	17.0	25.4

