

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130126.D
 Acq On : 02 Sep 2022 23:08
 Operator : CG\JU
 Sample : N4452-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-(22)

Quant Time: Sep 03 05:53:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

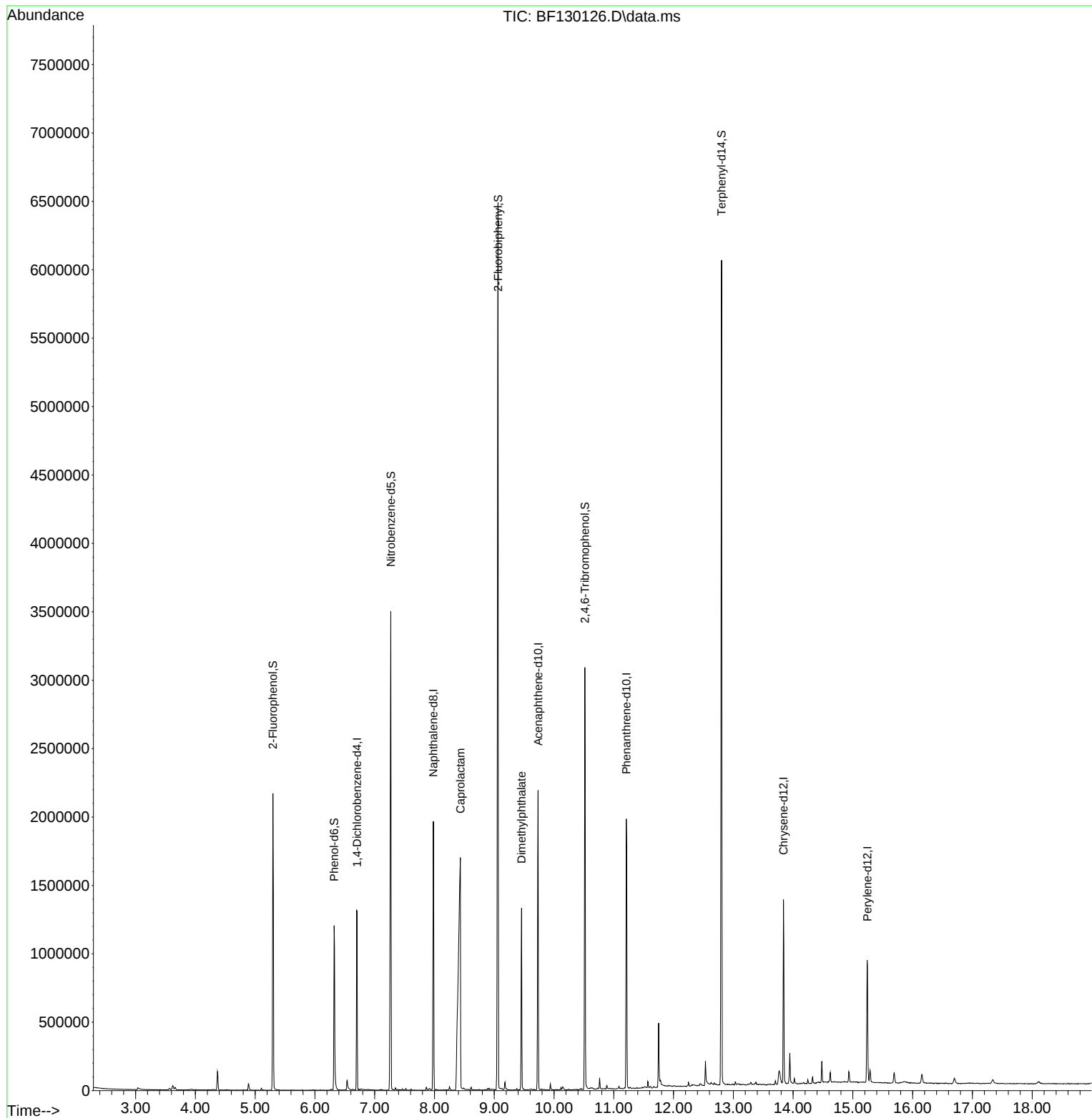
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	210789	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	827958	20.000	ng	-0.01
39) Acenaphthene-d10	9.733	164	436274	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	703345	20.000	ng	#-0.01
76) Chrysene-d12	13.839	240	417062	20.000	ng	#-0.02
86) Perylene-d12	15.245	264	378171	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	584108	47.043	ng	-0.01
7) Phenol-d6	6.322	99	472219	30.506	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1181803	91.732	ng	-0.01
42) 2,4,6-Tribromophenol	10.516	330	366465	92.278	ng	-0.02
45) 2-Fluorobiphenyl	9.063	172	2116623	80.437	ng	0.00
79) Terphenyl-d14	12.804	244	2093780	87.058	ng	0.00
Target Compounds						
35) Caprolactam	8.434	113	497583	137.198	ng	88
50) Dimethylphthalate	9.457	163	492944	16.589	ng	99

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

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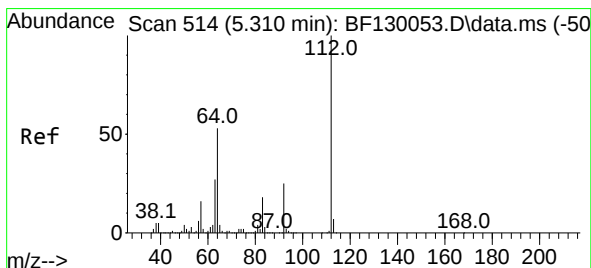
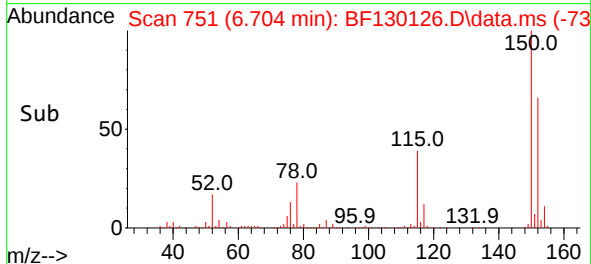
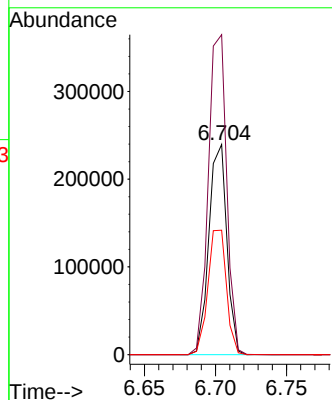
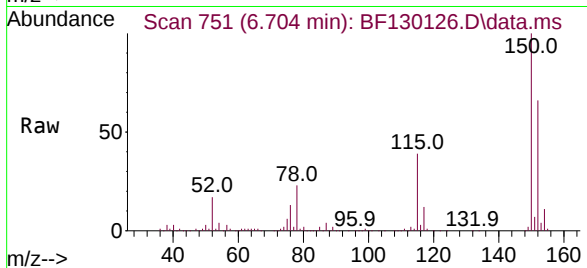




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130126.D
Acq: 02 Sep 2022 23:08

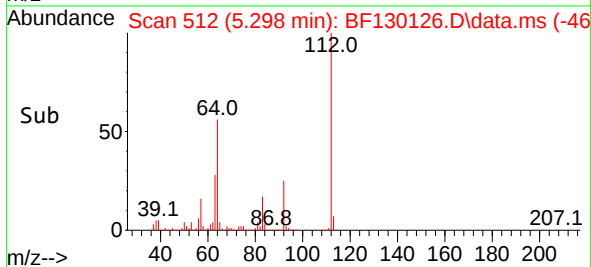
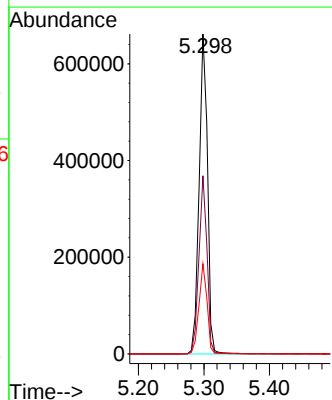
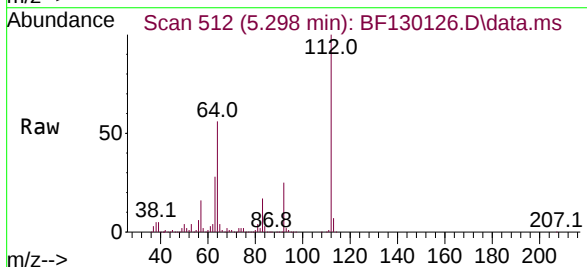
Instrument :
BNA_F
ClientSampleId :
MW-2-(22)

Tgt Ion:152 Resp: 210789
Ion Ratio Lower Upper
152 100
150 152.3 126.9 190.3
115 59.2 53.4 80.0



#5
2-Fluorophenol
Concen: 47.043 ng
RT: 5.298 min Scan# 512
Delta R.T. -0.012 min
Lab File: BF130126.D
Acq: 02 Sep 2022 23:08

Tgt Ion:112 Resp: 584108
Ion Ratio Lower Upper
112 100
64 55.7 47.6 71.4
63 28.2 24.6 37.0

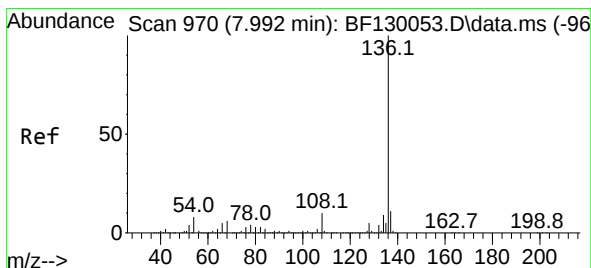
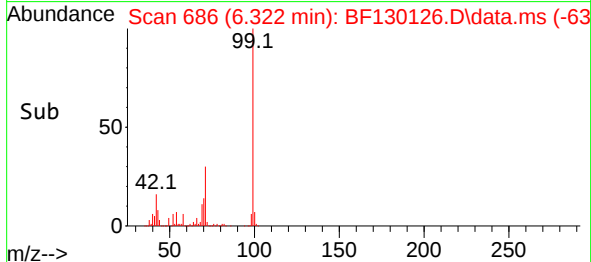
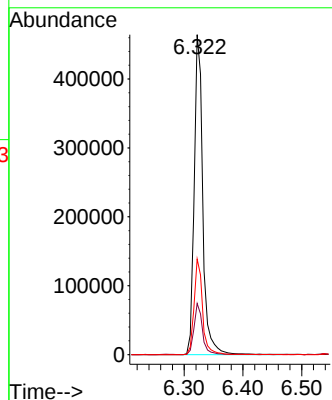
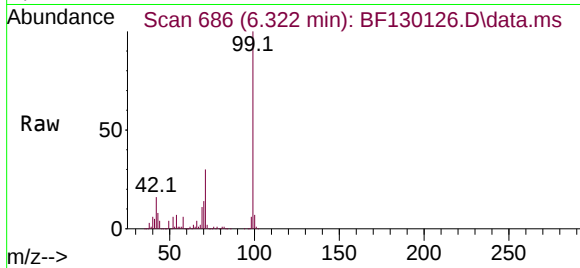




#7
Phenol-d6
Concen: 30.506 ng
RT: 6.322 min Scan# 68
Delta R.T. -0.023 min
Lab File: BF130126.D
Acq: 02 Sep 2022 23:08

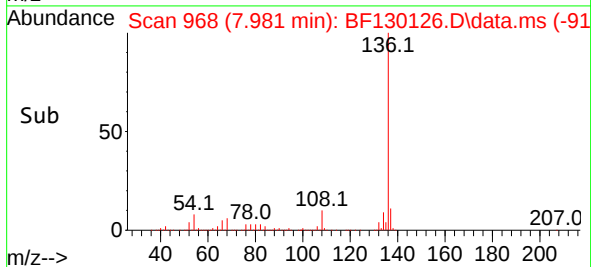
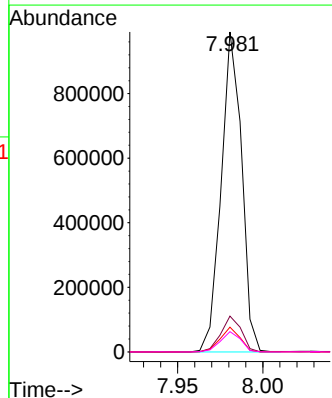
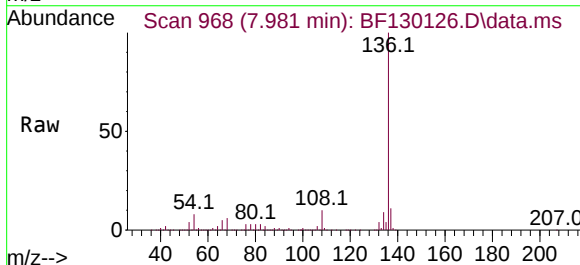
Instrument :
BNA_F
ClientSampleId :
MW-2-(22)

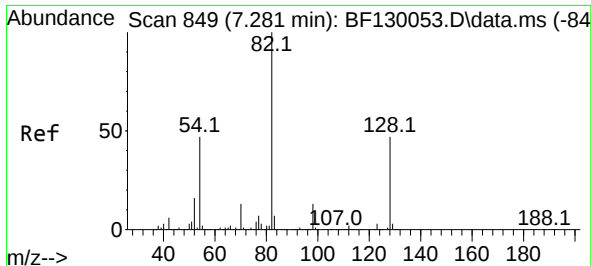
Tgt Ion: 99 Resp: 472219
Ion Ratio Lower Upper
99 100
42 16.0 15.0 22.4
71 29.9 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.011 min
Lab File: BF130126.D
Acq: 02 Sep 2022 23:08

Tgt Ion: 136 Resp: 827958
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.7 6.2 9.2
68 6.3 4.2 6.4





#23

Nitrobenzene-d5

Concen: 91.732 ng

RT: 7.269 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF130126.D

Acq: 02 Sep 2022 23:08

Instrument :

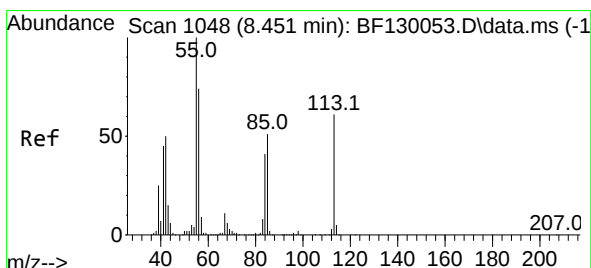
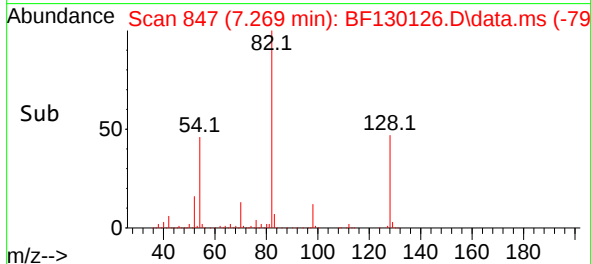
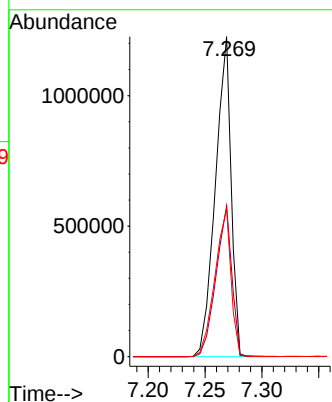
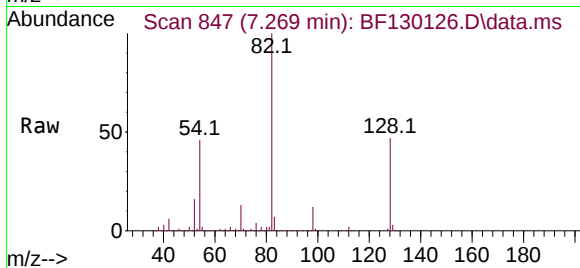
BNA_F

ClientSampleId :

MW-2-(22)

Tgt Ion: 82 Resp: 1181803

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	46.3	40.0	60.0



#35

Caprolactam

Concen: 137.198 ng

RT: 8.434 min Scan# 1045

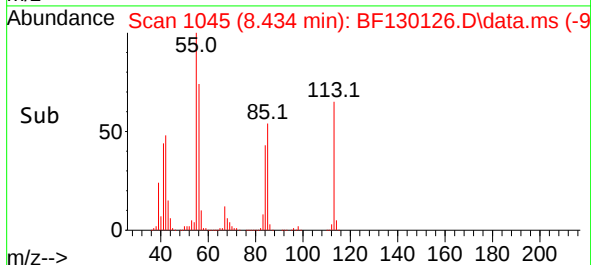
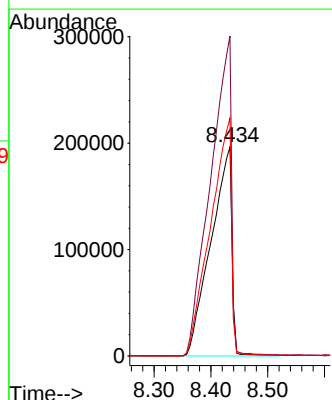
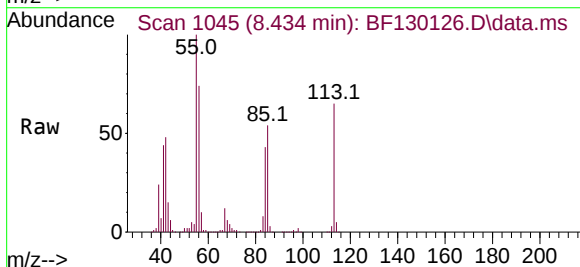
Delta R.T. -0.018 min

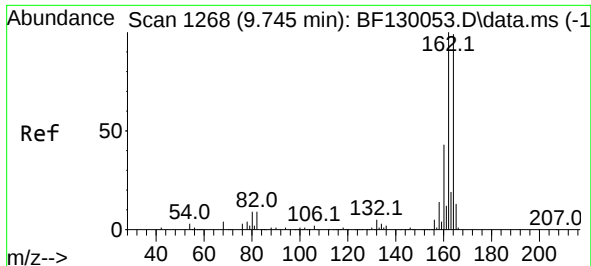
Lab File: BF130126.D

Acq: 02 Sep 2022 23:08

Tgt Ion: 113 Resp: 497583

Ion	Ratio	Lower	Upper
113	100		
55	153.1	148.8	188.8
56	113.8	109.1	149.1

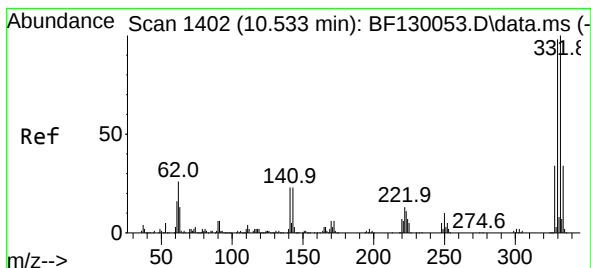
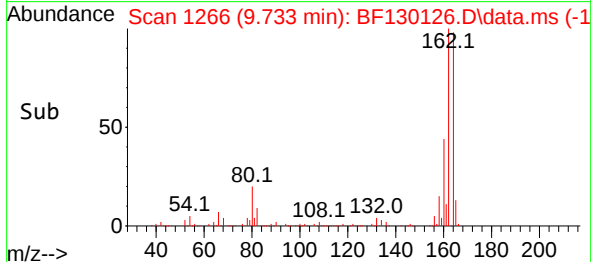
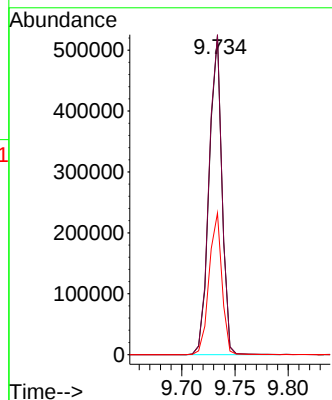
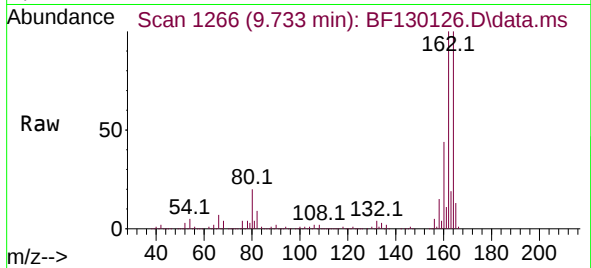




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF130126.D
Acq: 02 Sep 2022 23:08

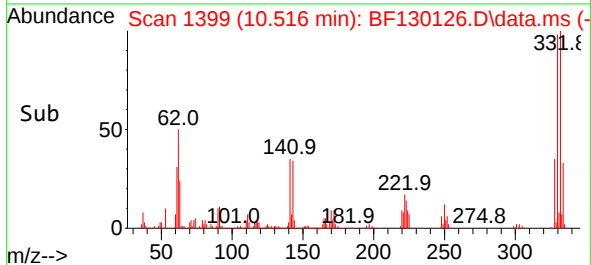
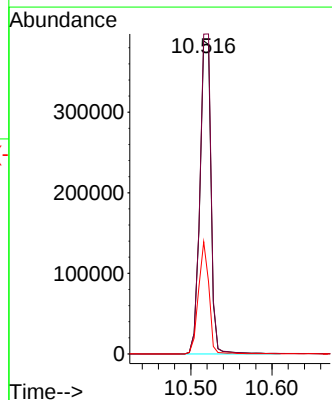
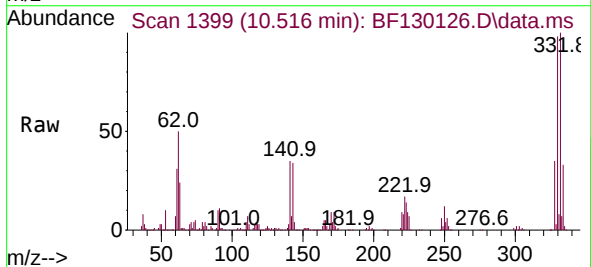
Instrument :
BNA_F
ClientSampleId :
MW-2-(22)

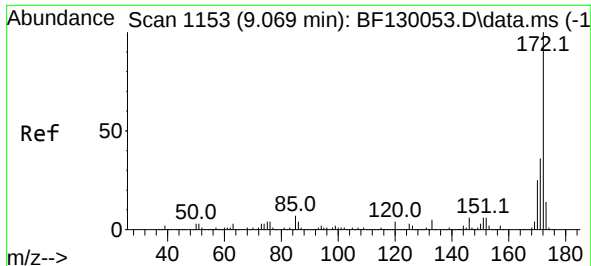
Tgt Ion:164 Resp: 436274
Ion Ratio Lower Upper
164 100
162 100.2 82.0 123.0
160 44.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 92.278 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.018 min
Lab File: BF130126.D
Acq: 02 Sep 2022 23:08

Tgt Ion:330 Resp: 366465
Ion Ratio Lower Upper
330 100
332 102.5 82.6 124.0
141 33.8 27.6 41.4

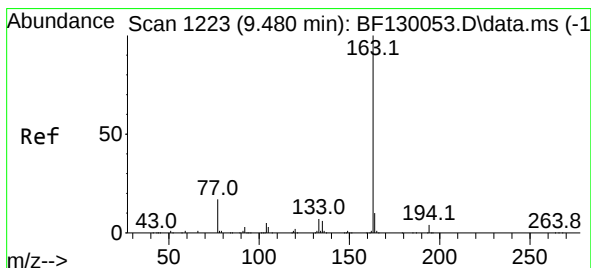
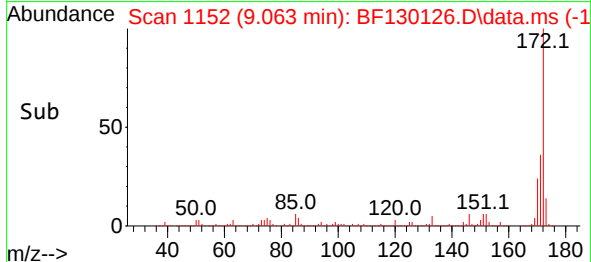
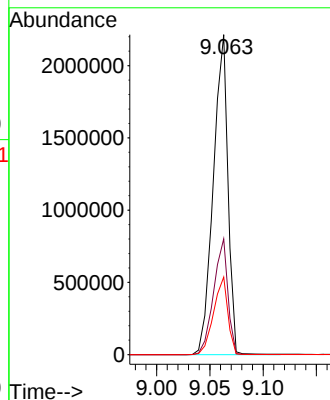
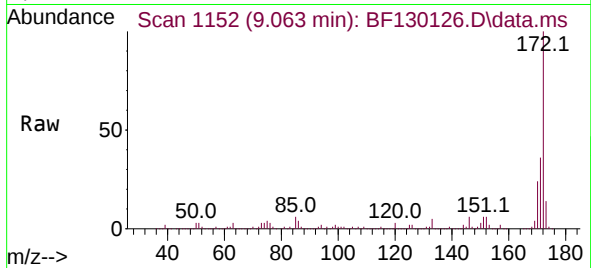




#45
2-Fluorobiphenyl
Concen: 80.437 ng
RT: 9.063 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF130126.D
Acq: 02 Sep 2022 23:08

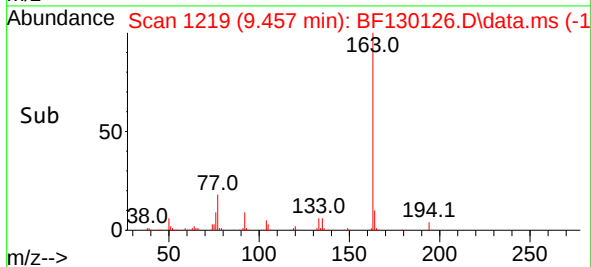
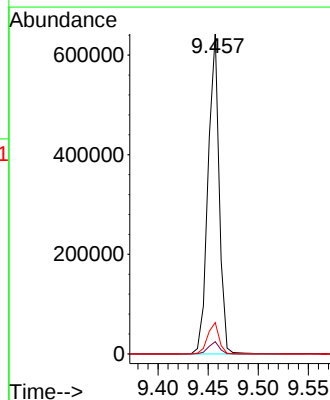
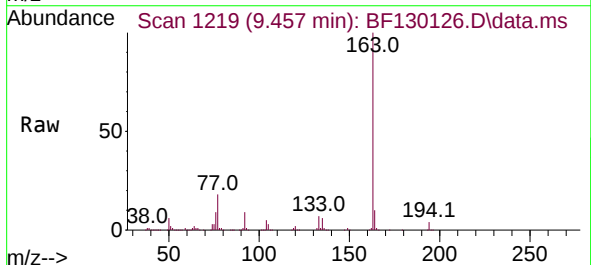
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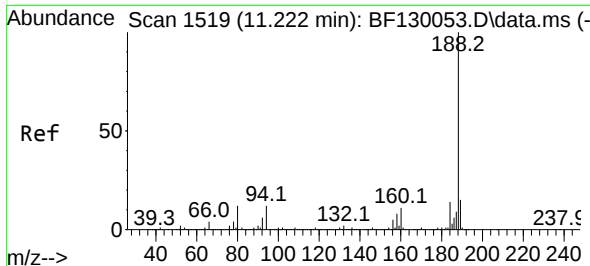
Tgt Ion:172 Resp: 2116623
Ion Ratio Lower Upper
172 100
171 36.2 28.4 42.6
170 24.3 19.1 28.7



#50
Dimethylphthalate
Concen: 16.589 ng
RT: 9.457 min Scan# 1219
Delta R.T. -0.023 min
Lab File: BF130126.D
Acq: 02 Sep 2022 23:08

Tgt Ion:163 Resp: 492944
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.8 8.2 12.2

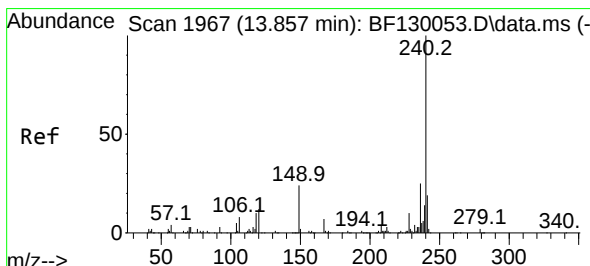
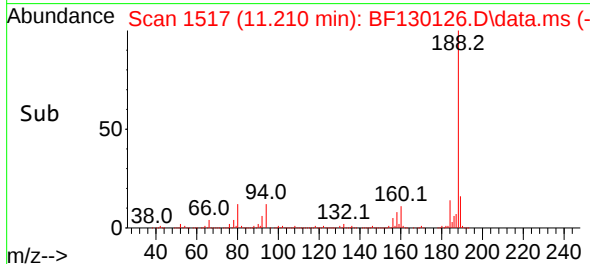
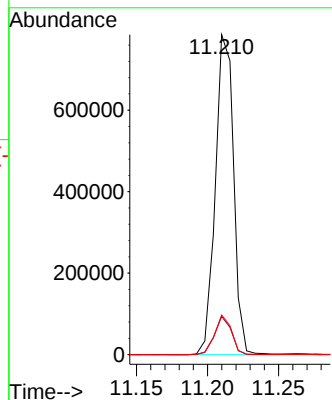
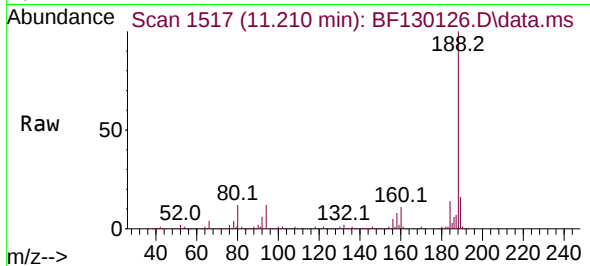




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130126.D
Acq: 02 Sep 2022 23:08

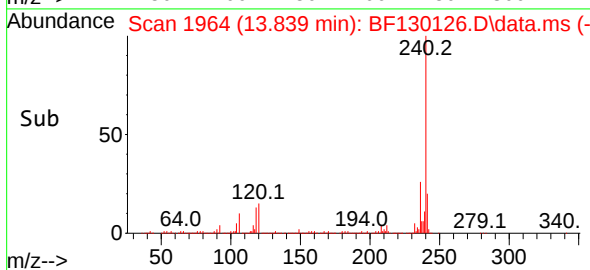
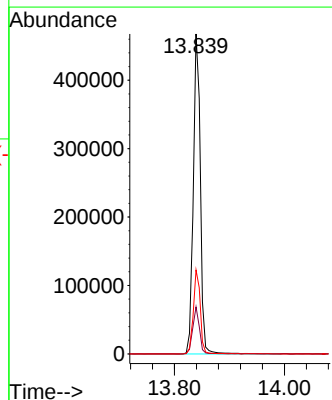
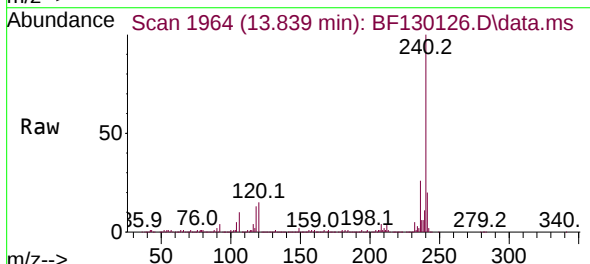
Instrument :
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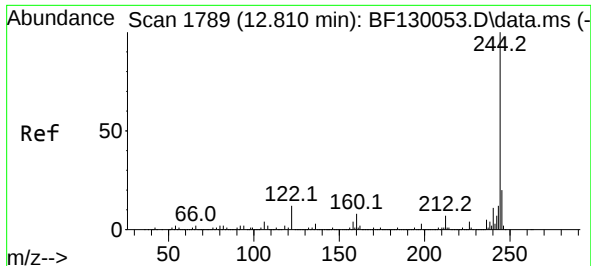
Tgt Ion:188 Resp: 703345
Ion Ratio Lower Upper
188 100
94 11.9 7.4 11.2#
80 12.4 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130126.D
Acq: 02 Sep 2022 23:08

Tgt Ion:240 Resp: 417062
Ion Ratio Lower Upper
240 100
120 14.7 9.2 13.8#
236 26.2 20.7 31.1

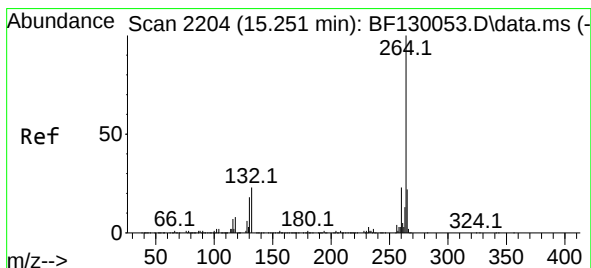
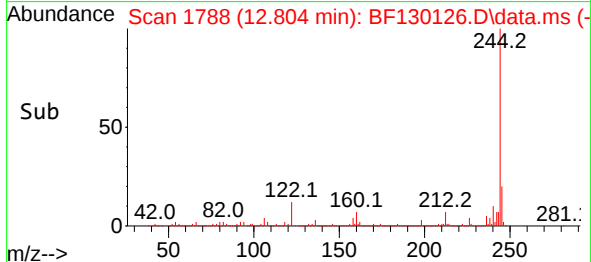
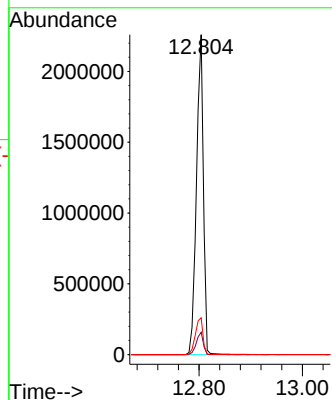
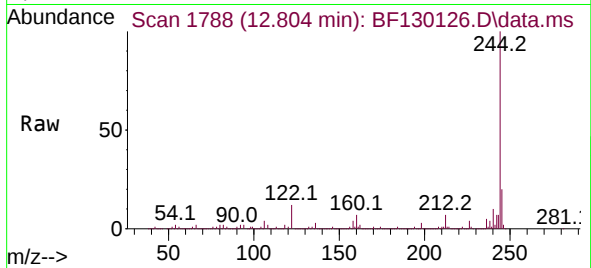




#79
 Terphenyl-d14
 Concen: 87.058 ng
 RT: 12.804 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130126.D
 Acq: 02 Sep 2022 23:08

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-(22)

Tgt Ion:244 Resp: 2093780
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.5 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.245 min Scan# 2203
 Delta R.T. -0.006 min
 Lab File: BF130126.D
 Acq: 02 Sep 2022 23:08

Tgt Ion:264 Resp: 378171
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 20.7 16.7 25.1

