

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130124.D
 Acq On : 02 Sep 2022 22:06
 Operator : CG\JU
 Sample : N4437-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-(17)

Quant Time: Sep 03 05:52:47 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)

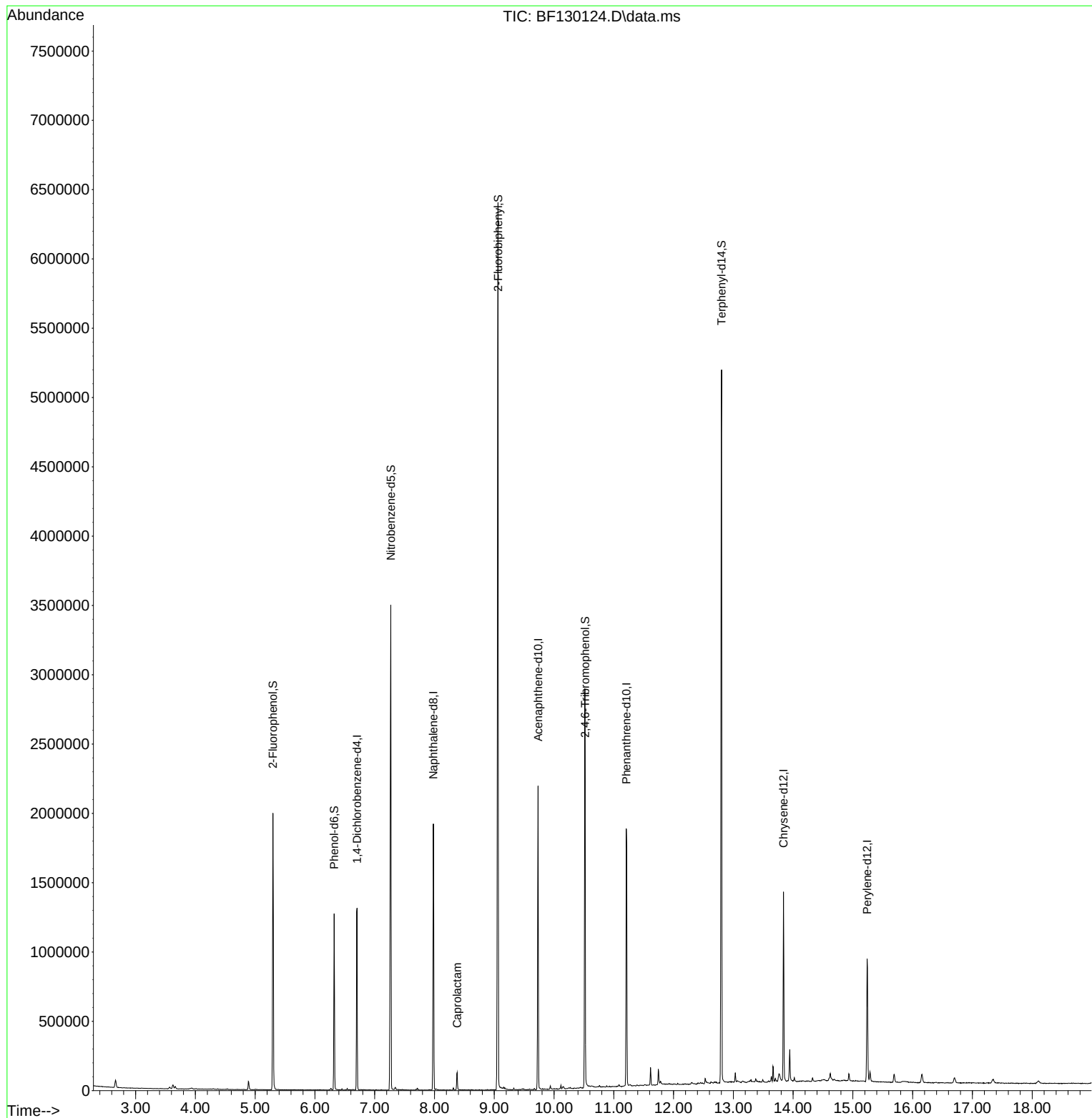
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	206607	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	815267	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	423886	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	678226	20.000	ng	#-0.01
76) Chrysene-d12	13.839	240	405293	20.000	ng	#-0.02
86) Perylene-d12	15.239	264	380907	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	524208	43.073	ng	-0.01
7) Phenol-d6	6.322	99	393890	25.960	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1204512	94.950	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	343615	89.053	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2109417	82.506	ng	0.00
79) Terphenyl-d14	12.804	244	1880342	80.454	ng	0.00
Target Compounds						
35) Caprolactam	8.381	113	14058	3.937	ng	Qvalue 88

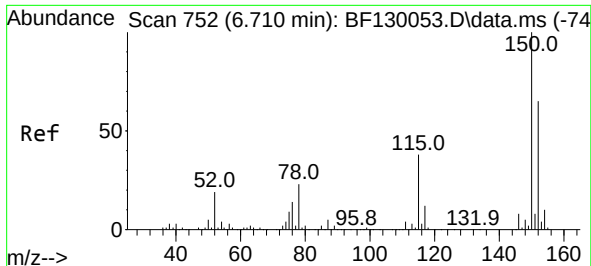
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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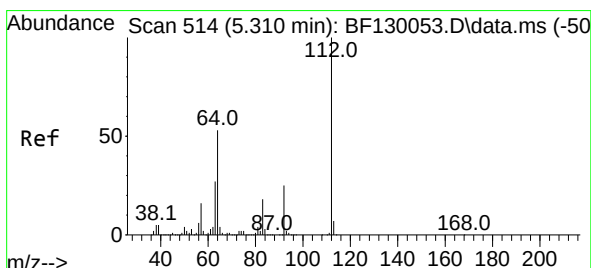
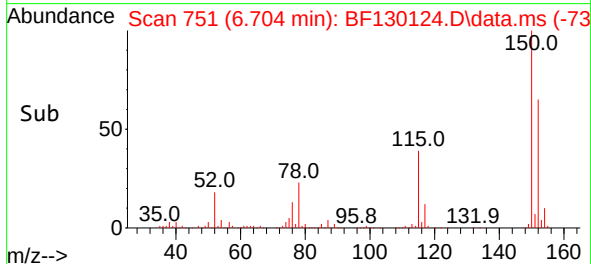
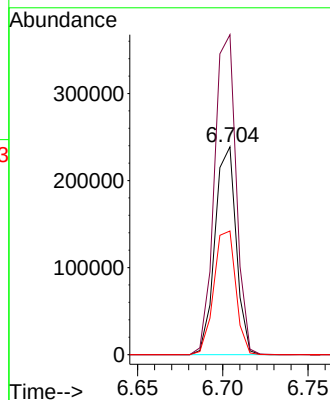
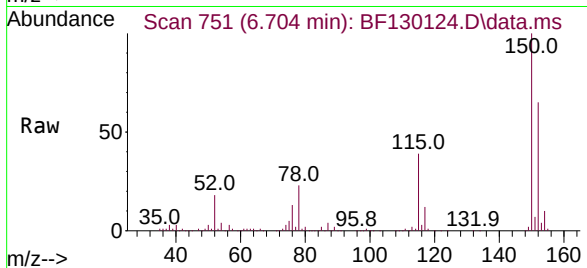




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 751
 Delta R.T. -0.006 min
 Lab File: BF130124.D
 Acq: 02 Sep 2022 22:06

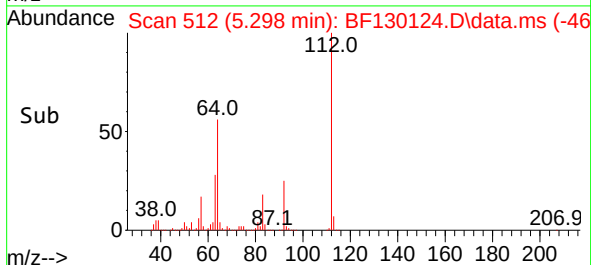
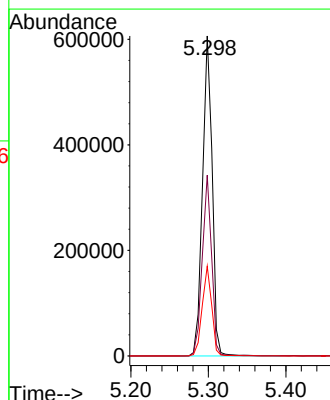
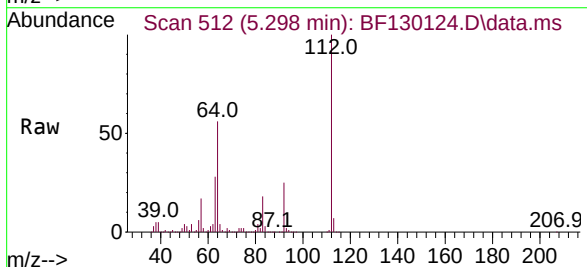
Instrument :
 BNA_F
 ClientSampleId :
 MW-2-(17)

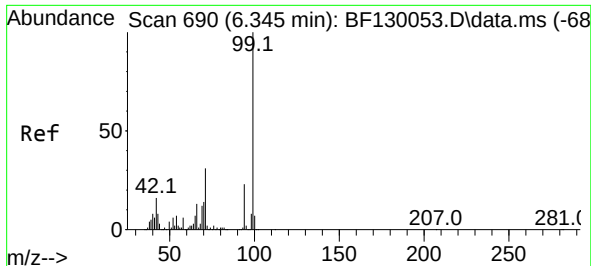
Tgt Ion:152 Resp: 206607
 Ion Ratio Lower Upper
 152 100
 150 154.0 126.9 190.3
 115 59.5 53.4 80.0



#5
 2-Fluorophenol
 Concen: 43.073 ng
 RT: 5.298 min Scan# 512
 Delta R.T. -0.012 min
 Lab File: BF130124.D
 Acq: 02 Sep 2022 22:06

Tgt Ion:112 Resp: 524208
 Ion Ratio Lower Upper
 112 100
 64 56.5 47.6 71.4
 63 28.0 24.6 37.0

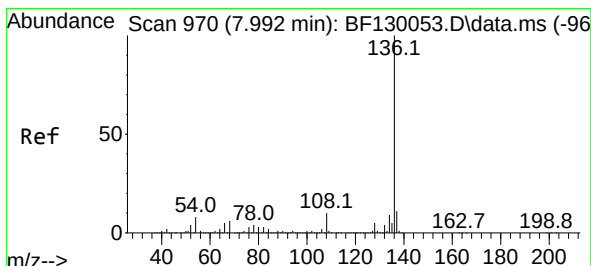
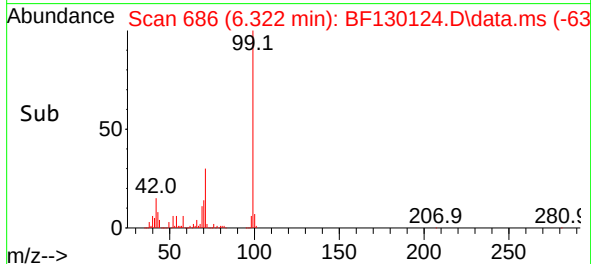
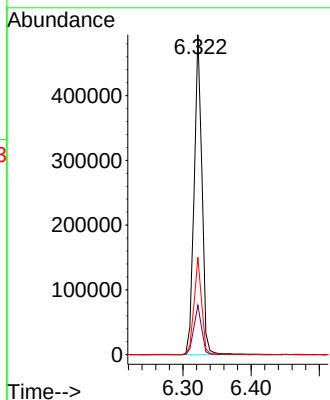
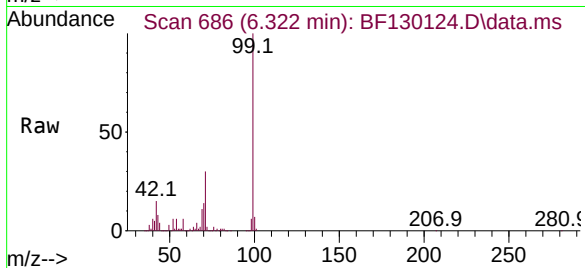




#7
Phenol-d6
Concen: 25.960 ng
RT: 6.322 min Scan# 68
Delta R.T. -0.024 min
Lab File: BF130124.D
Acq: 02 Sep 2022 22:06

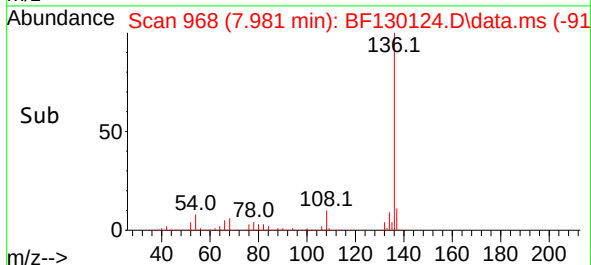
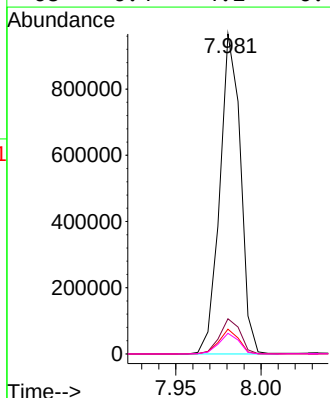
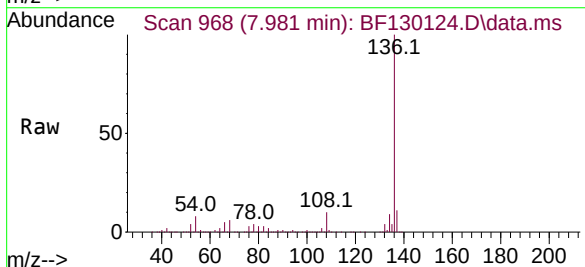
Instrument :
BNA_F
ClientSampleId :
MW-2-(17)

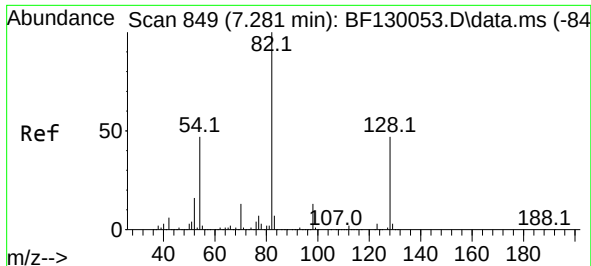
Tgt Ion: 99 Resp: 393890
Ion Ratio Lower Upper
99 100
42 15.4 15.0 22.4
71 30.4 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.011 min
Lab File: BF130124.D
Acq: 02 Sep 2022 22:06

Tgt Ion: 136 Resp: 815267
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.7 6.2 9.2
68 6.4 4.2 6.4





#23

Nitrobenzene-d5

Concen: 94.950 ng

RT: 7.269 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF130124.D

Acq: 02 Sep 2022 22:06

Instrument :

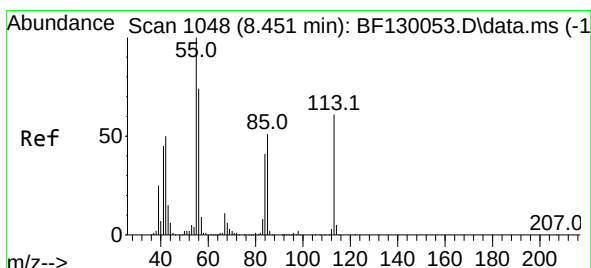
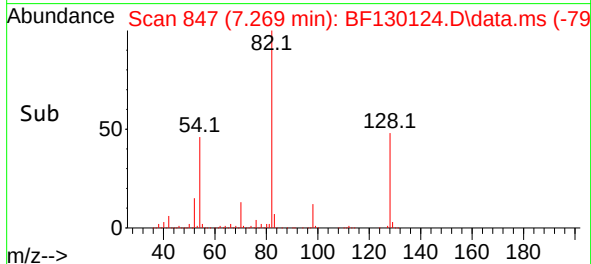
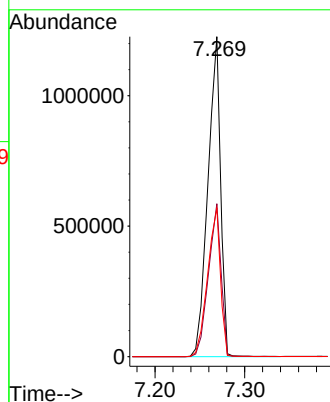
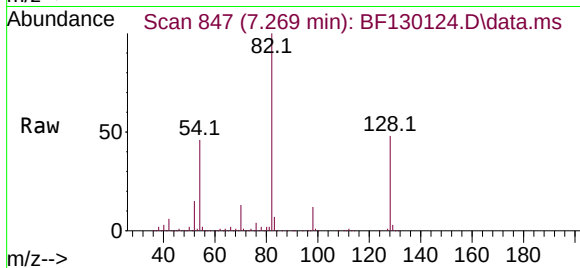
BNA_F

ClientSampleId :

MW-2-(17)

Tgt Ion: 82 Resp: 1204512

Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	46.5	40.0	60.0



#35

Caprolactam

Concen: 3.937 ng

RT: 8.381 min Scan# 1036

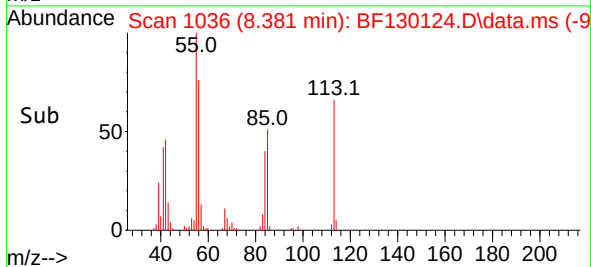
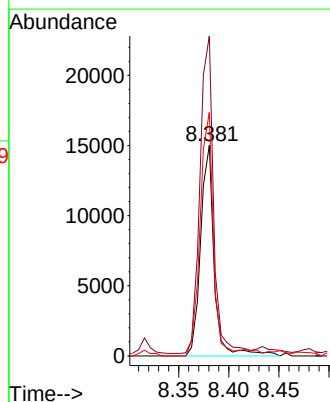
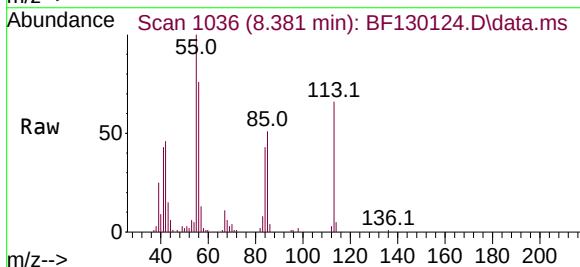
Delta R.T. -0.071 min

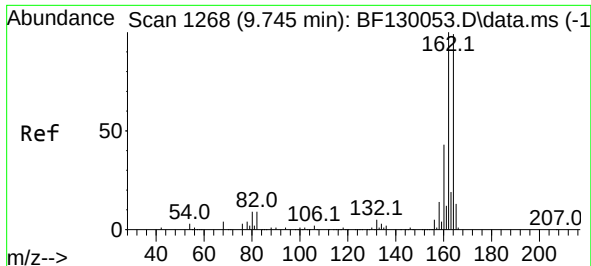
Lab File: BF130124.D

Acq: 02 Sep 2022 22:06

Tgt Ion: 113 Resp: 14058

Ion	Ratio	Lower	Upper
113	100		
55	152.0	148.8	188.8
56	115.7	109.1	149.1

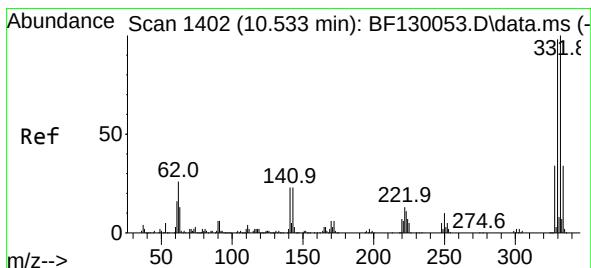
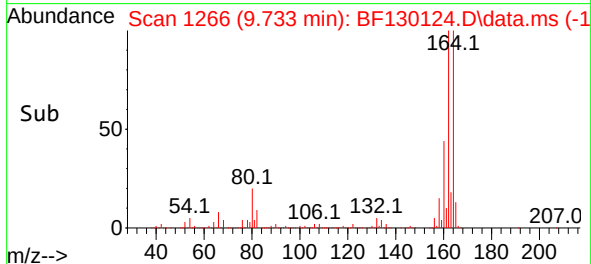
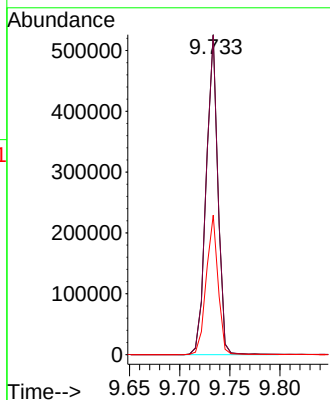
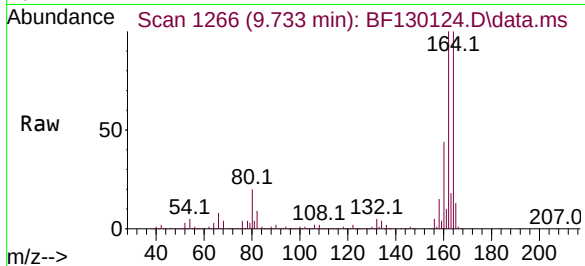




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130124.D
Acq: 02 Sep 2022 22:06

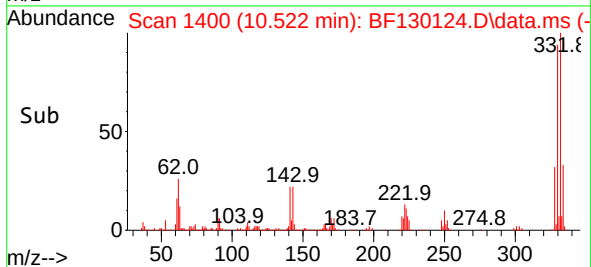
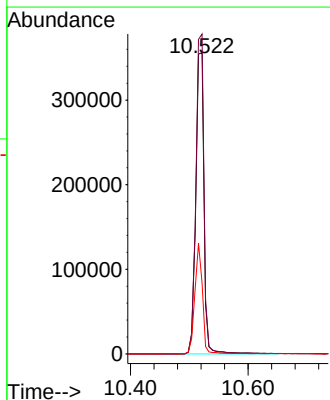
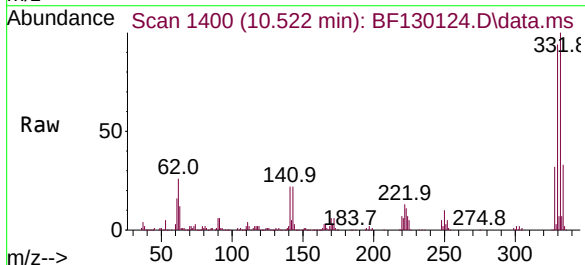
Instrument :
BNA_F
ClientSampleId :
MW-2-(17)

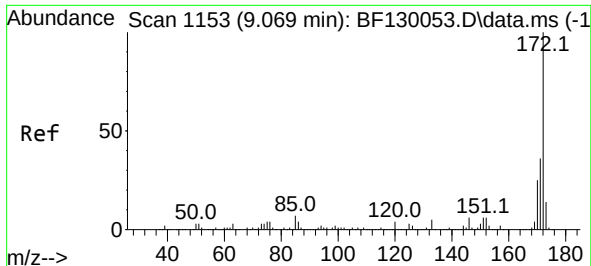
Tgt Ion:164 Resp: 423886
Ion Ratio Lower Upper
164 100
162 99.8 82.0 123.0
160 43.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 89.053 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130124.D
Acq: 02 Sep 2022 22:06

Tgt Ion:330 Resp: 343615
Ion Ratio Lower Upper
330 100
332 104.7 82.6 124.0
141 34.3 27.6 41.4

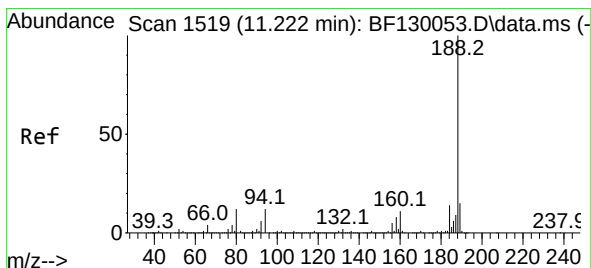
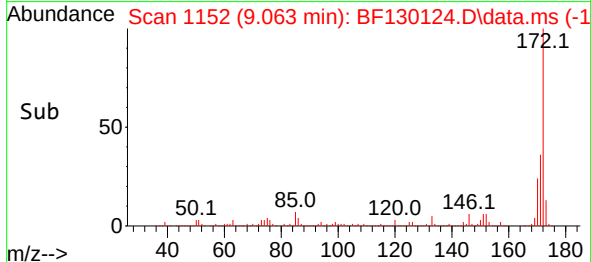
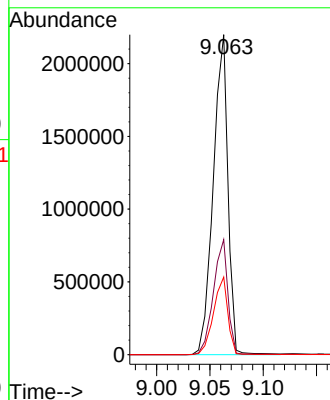
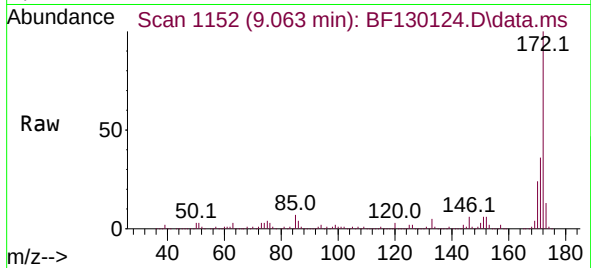




#45
2-Fluorobiphenyl
Concen: 82.506 ng
RT: 9.063 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF130124.D
Acq: 02 Sep 2022 22:06

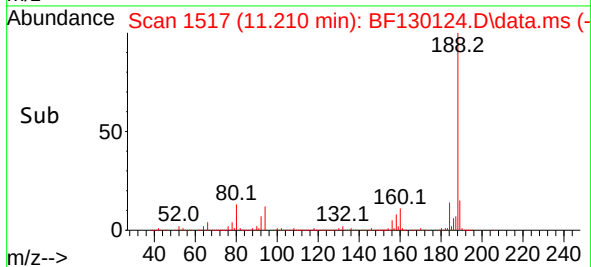
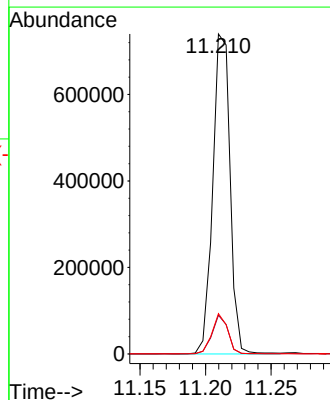
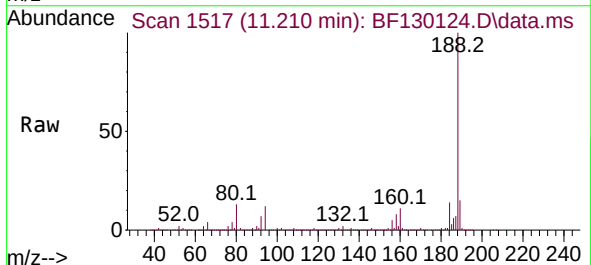
Instrument :
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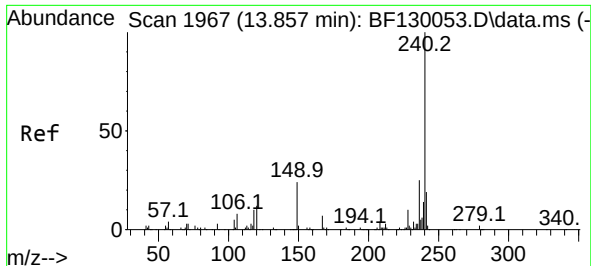
Tgt Ion:172 Resp: 2109417
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 24.2 19.1 28.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 1517
Delta R.T. -0.012 min
Lab File: BF130124.D
Acq: 02 Sep 2022 22:06

Tgt Ion:188 Resp: 678226
Ion Ratio Lower Upper
188 100
94 12.1 7.4 11.2#
80 12.6 7.9 11.9#

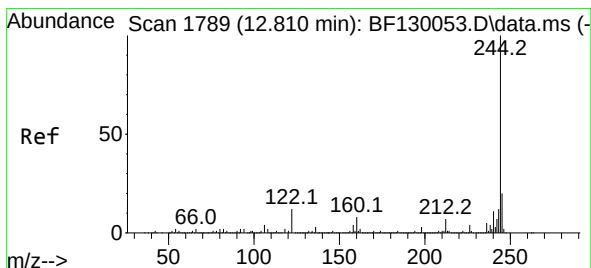
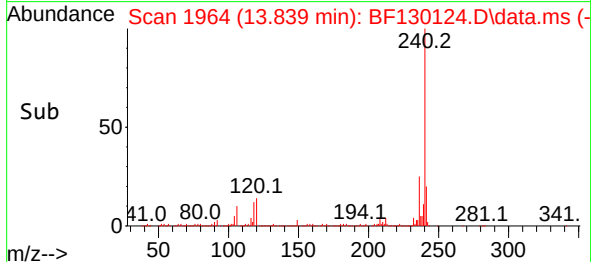
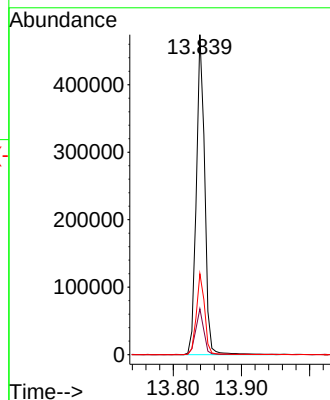
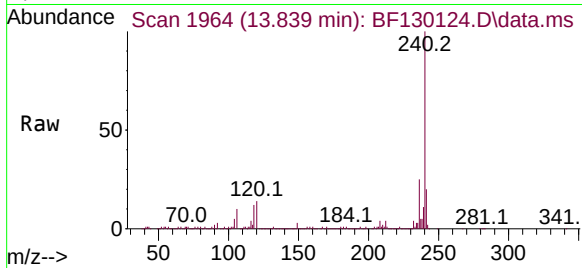




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130124.D
Acq: 02 Sep 2022 22:06

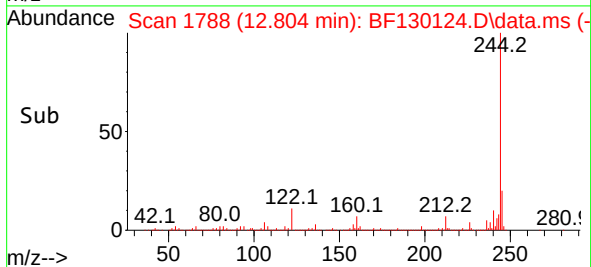
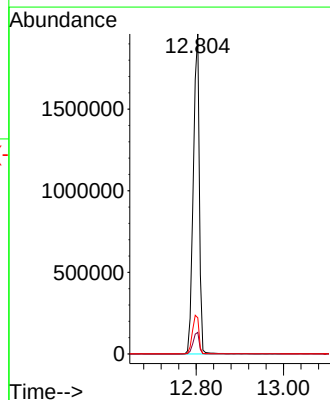
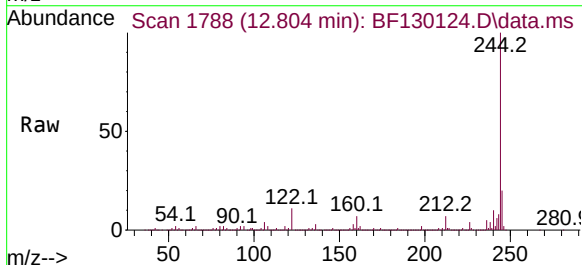
Instrument :
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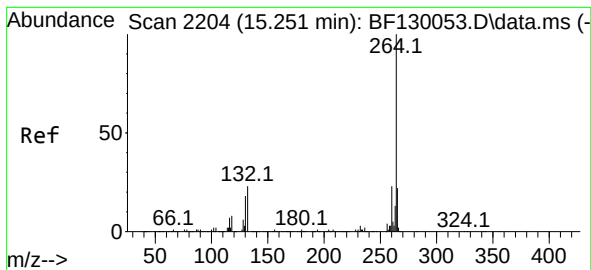
Tgt Ion:240 Resp: 405293
Ion Ratio Lower Upper
240 100
120 14.3 9.2 13.8#
236 25.3 20.7 31.1



#79
Terphenyl-d14
Concen: 80.454 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF130124.D
Acq: 02 Sep 2022 22:06

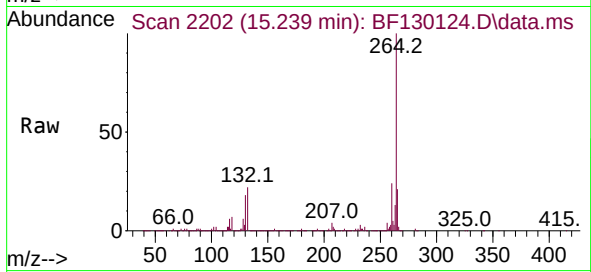
Tgt Ion:244 Resp: 1880342
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 11.3 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.239 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF130124.D
Acq: 02 Sep 2022 22:06

Instrument :
BNA_F
ClientSampleId :
MW-2-(17)



Tgt Ion:264 Resp: 380907
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.4 16.7 25.1

