

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
 Data File : BF130144.D
 Acq On : 06 Sep 2022 18:41
 Operator : CG\JU
 Sample : N4437-01RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Sep 07 02:16:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

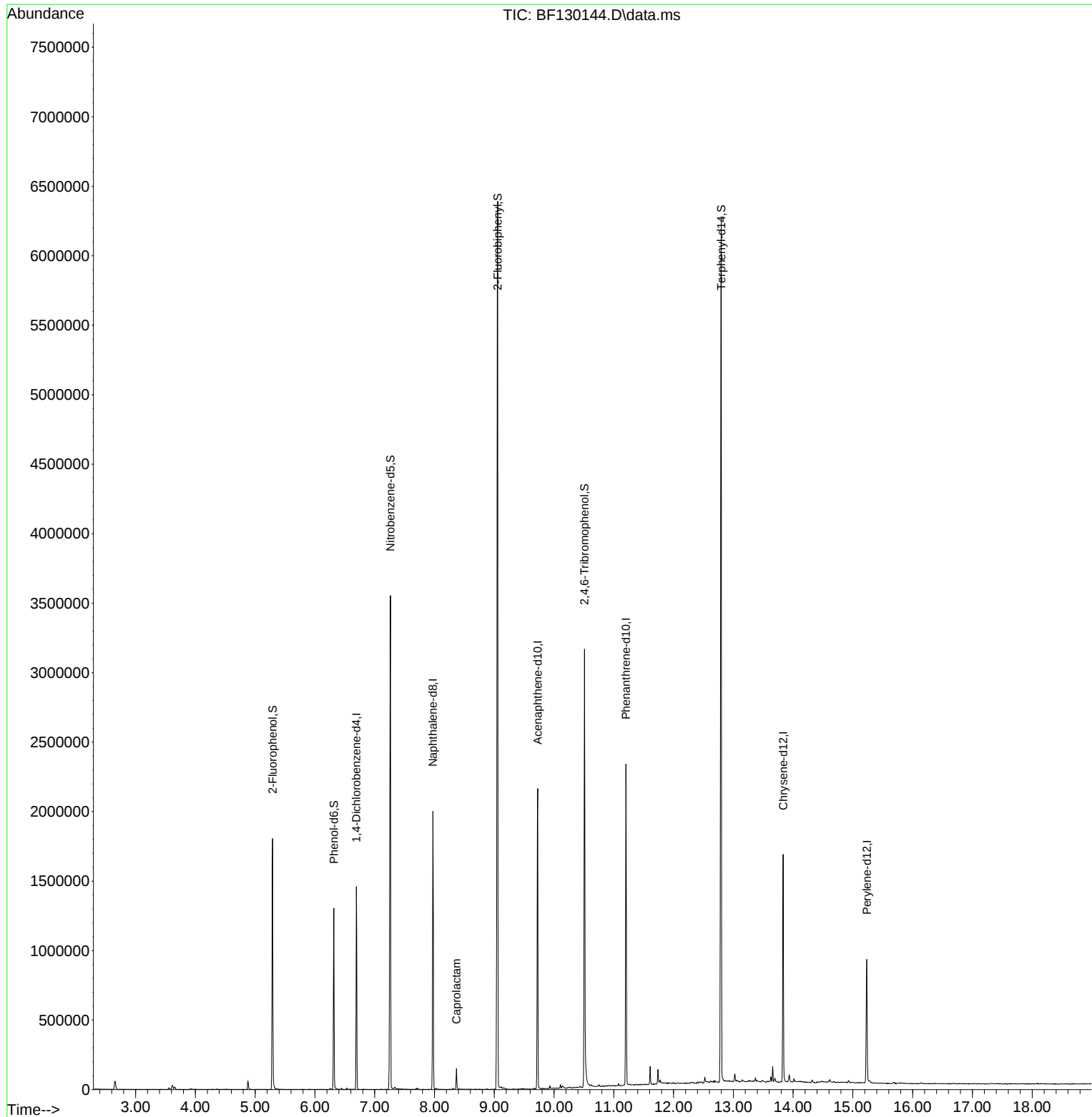
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	207609	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	836658	20.000	ng	# 0.00
39) Acenaphthene-d10	9.728	164	450433	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	784260	20.000	ng	# 0.00
76) Chrysene-d12	13.833	240	516500	20.000	ng	-0.01
86) Perylene-d12	15.233	264	376677	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	530048	43.343	ng	0.00
7) Phenol-d6	6.316	99	404697	26.544	ng	-0.02
23) Nitrobenzene-d5	7.263	82	1230845	94.545	ng	0.00
42) 2,4,6-Tribromophenol	10.510	330	398265	97.133	ng	-0.01
45) 2-Fluorobiphenyl	9.057	172	2248945	82.779	ng	0.00
79) Terphenyl-d14	12.798	244	2349550	78.885	ng	0.00
Target Compounds						
35) Caprolactam	8.369	113	14809	4.041	ng	Qvalue 93

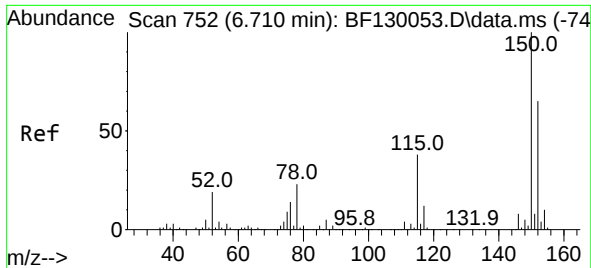
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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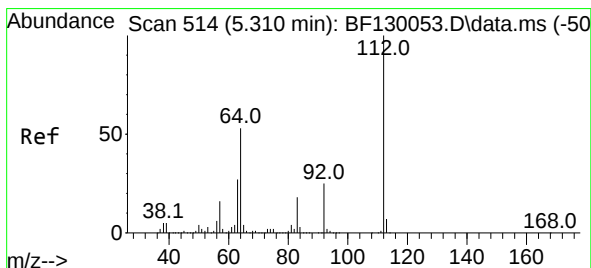
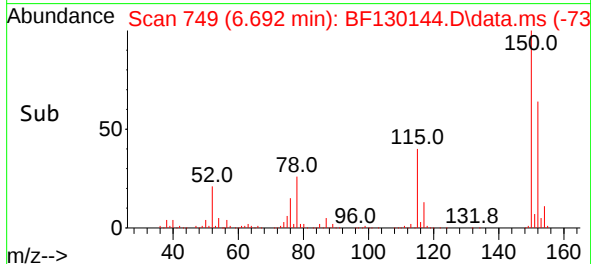
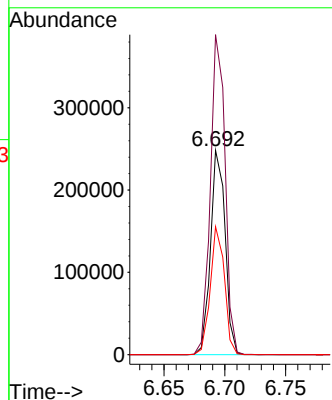
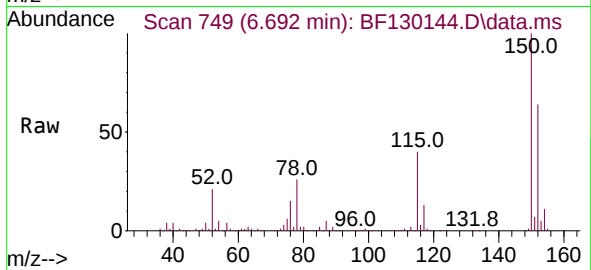




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.692 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF130144.D
Acq: 06 Sep 2022 18:41

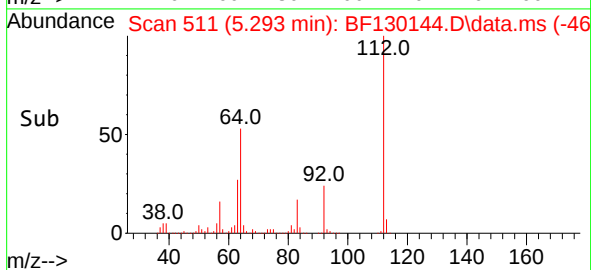
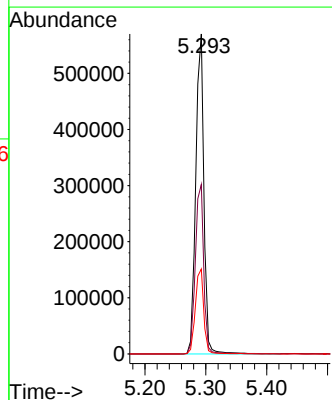
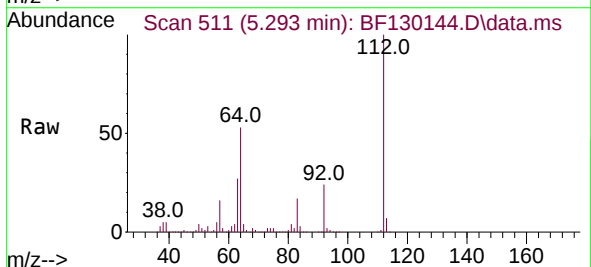
Instrument :
BNA_F
ClientSampleId :
MW-2-(17)RE

Tgt Ion:152 Resp: 207609
Ion Ratio Lower Upper
152 100
150 156.7 126.9 190.3
115 62.7 53.4 80.0



#5
2-Fluorophenol
Concen: 43.343 ng
RT: 5.293 min Scan# 511
Delta R.T. -0.006 min
Lab File: BF130144.D
Acq: 06 Sep 2022 18:41

Tgt Ion:112 Resp: 530048
Ion Ratio Lower Upper
112 100
64 52.9 47.6 71.4
63 26.5 24.6 37.0

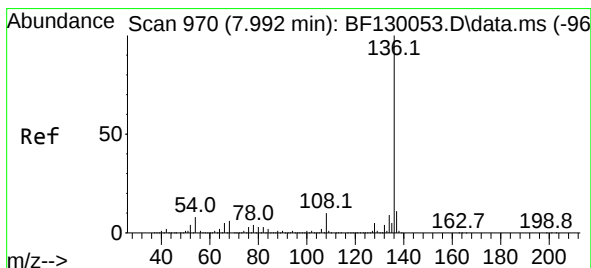
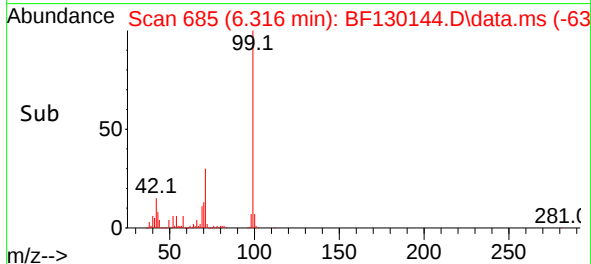
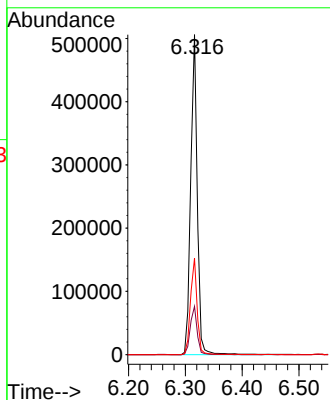
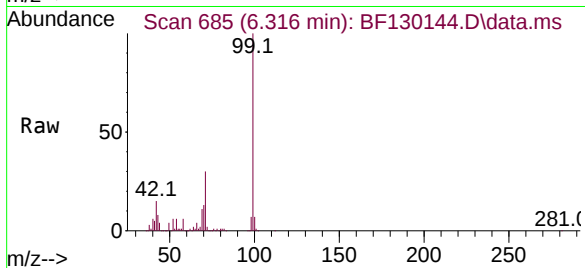




#7
Phenol-d6
Concen: 26.544 ng
RT: 6.316 min Scan# 68
Delta R.T. -0.018 min
Lab File: BF130144.D
Acq: 06 Sep 2022 18:41

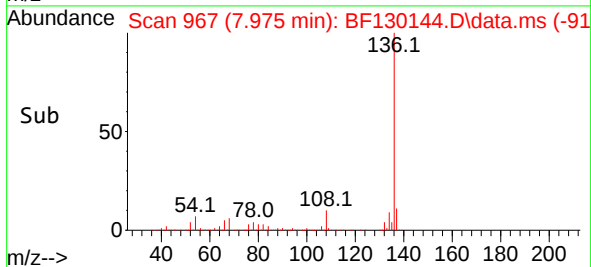
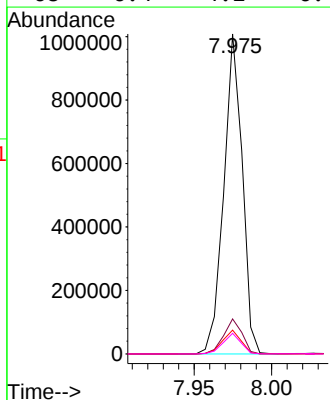
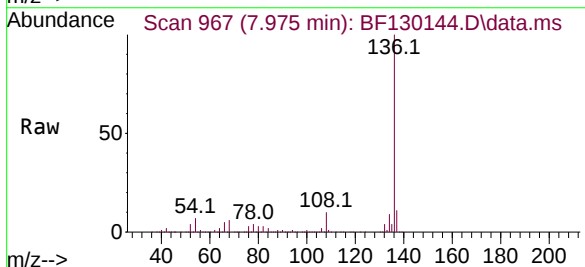
Instrument :
BNA_F
ClientSampleId :
MW-2-(17)RE

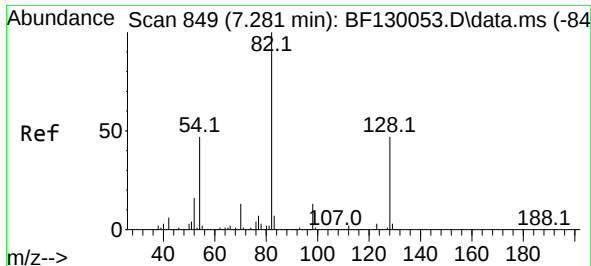
Tgt Ion: 99 Resp: 404697
Ion Ratio Lower Upper
99 100
42 15.1 15.0 22.4
71 30.2 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF130144.D
Acq: 06 Sep 2022 18:41

Tgt Ion: 136 Resp: 836658
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.4 6.2 9.2
68 6.4 4.2 6.4





#23

Nitrobenzene-d5

Concen: 94.545 ng

RT: 7.263 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF130144.D

Acq: 06 Sep 2022 18:41

Instrument :

BNA_F

ClientSampleId :

MW-2-(17)RE

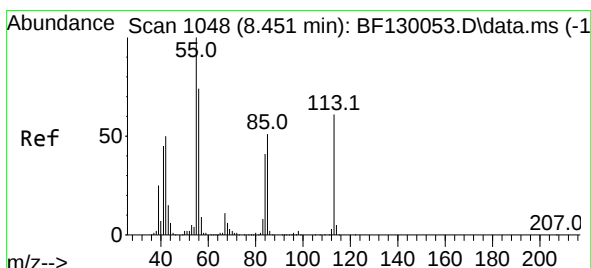
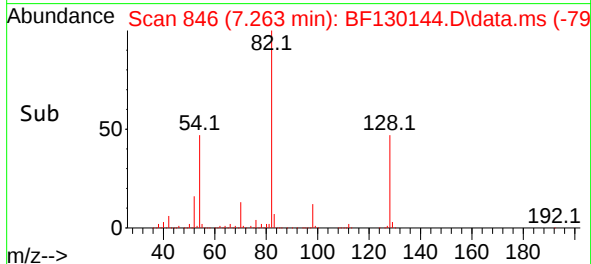
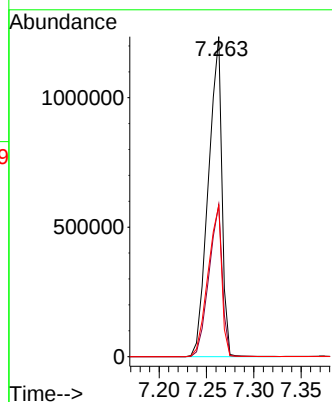
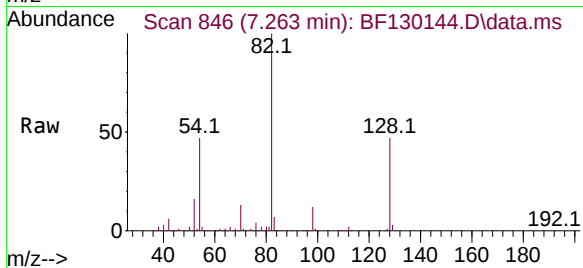
Tgt Ion: 82 Resp: 1230845

Ion Ratio Lower Upper

82 100

128 47.5 36.1 54.1

54 47.2 40.0 60.0



#35

Caprolactam

Concen: 4.041 ng

RT: 8.369 min Scan# 1034

Delta R.T. -0.071 min

Lab File: BF130144.D

Acq: 06 Sep 2022 18:41

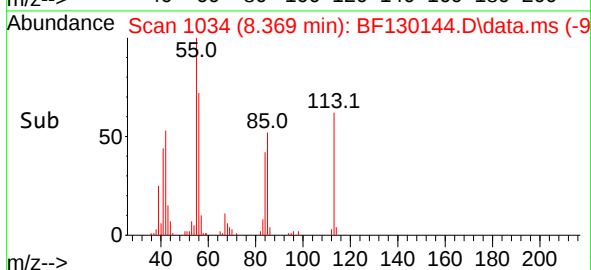
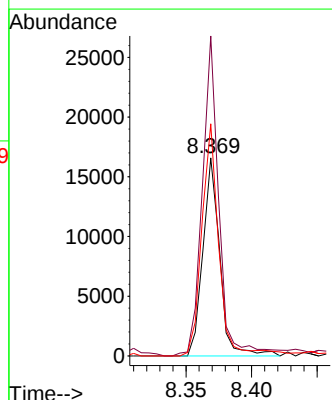
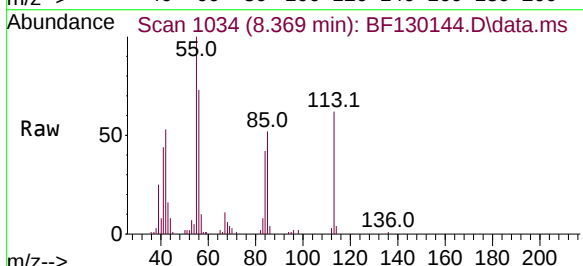
Tgt Ion: 113 Resp: 14809

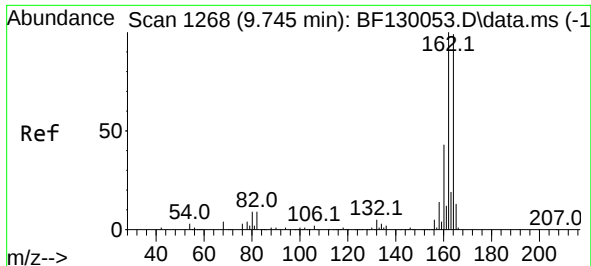
Ion Ratio Lower Upper

113 100

55 161.6 148.8 188.8

56 117.3 109.1 149.1

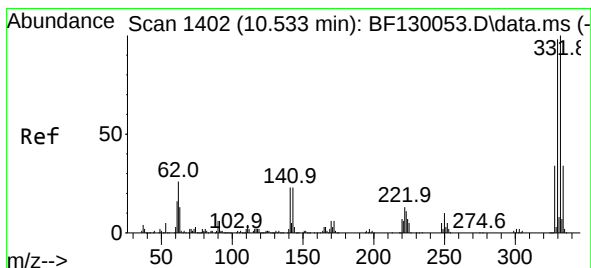
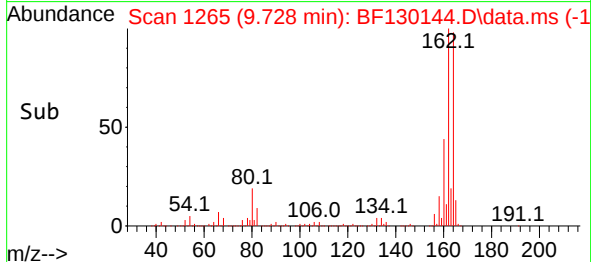
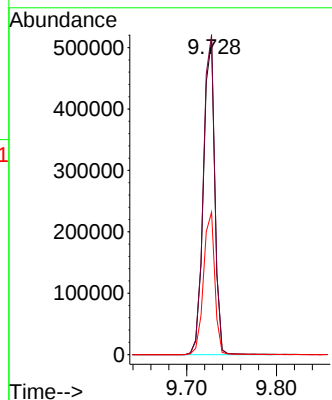
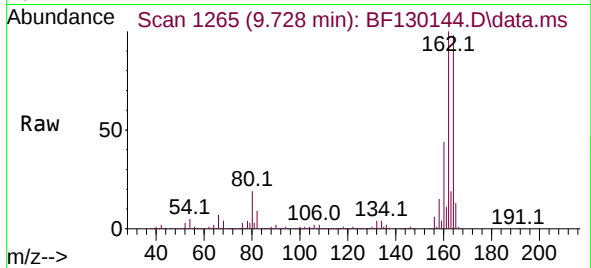




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.728 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130144.D
Acq: 06 Sep 2022 18:41

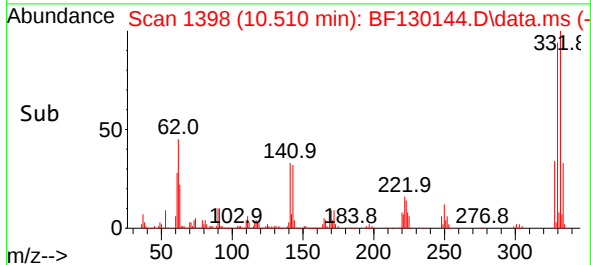
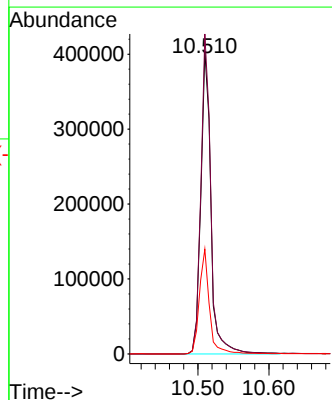
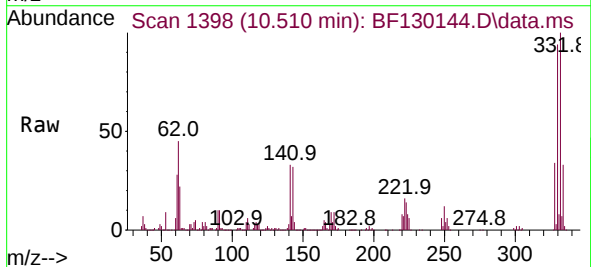
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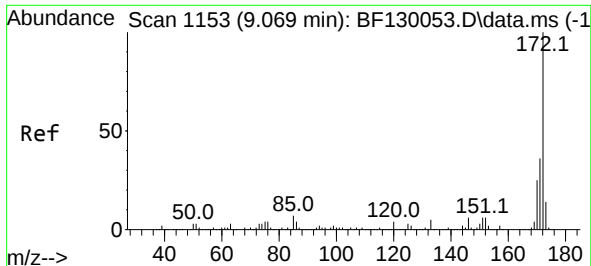
Tgt Ion:164 Resp: 450433
Ion Ratio Lower Upper
164 100
162 101.6 82.0 123.0
160 45.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 97.133 ng
RT: 10.510 min Scan# 1398
Delta R.T. -0.012 min
Lab File: BF130144.D
Acq: 06 Sep 2022 18:41

Tgt Ion:330 Resp: 398265
Ion Ratio Lower Upper
330 100
332 104.3 82.6 124.0
141 34.6 27.6 41.4

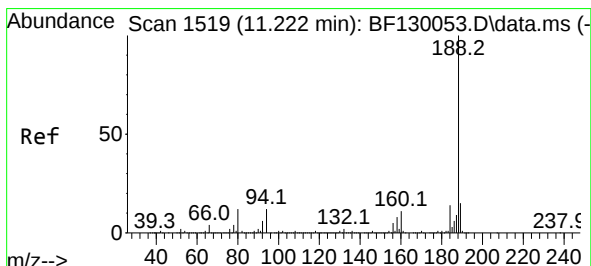
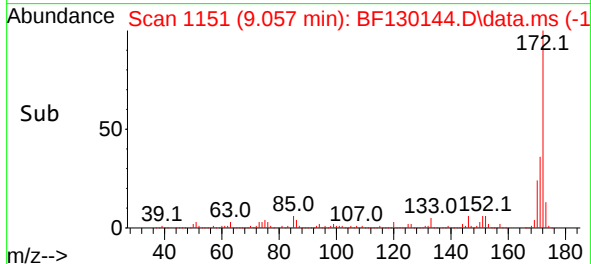
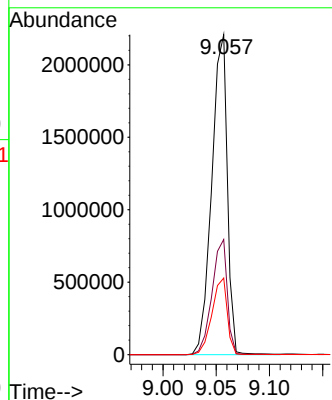
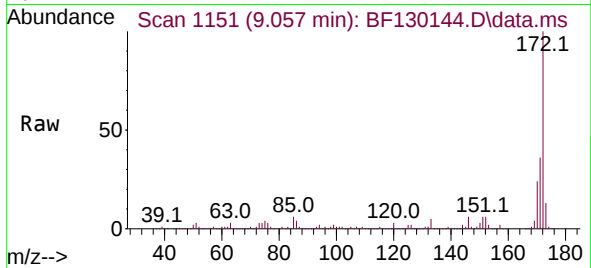




#45
2-Fluorobiphenyl
Concen: 82.779 ng
RT: 9.057 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF130144.D
Acq: 06 Sep 2022 18:41

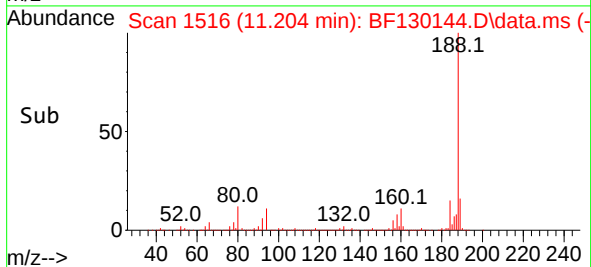
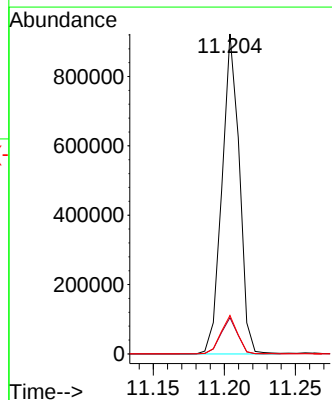
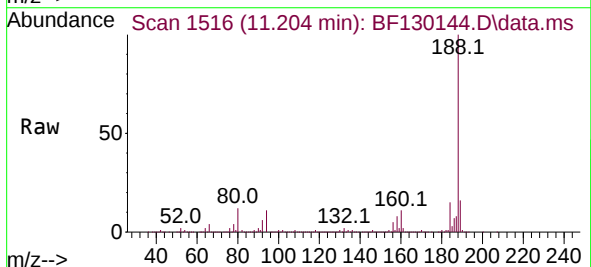
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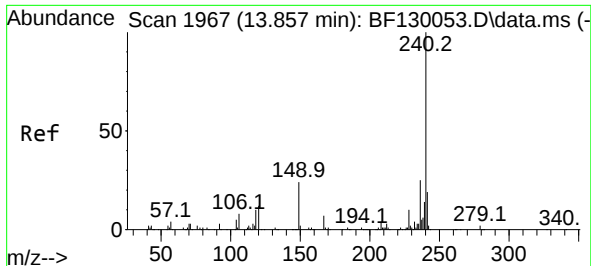
Tgt Ion:172 Resp: 2248945
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 23.9 19.1 28.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF130144.D
Acq: 06 Sep 2022 18:41

Tgt Ion:188 Resp: 784260
Ion Ratio Lower Upper
188 100
94 11.4 7.4 11.2#
80 12.0 7.9 11.9#

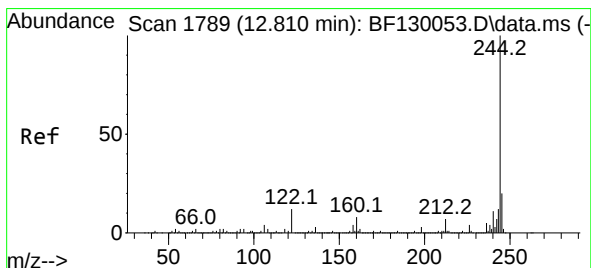
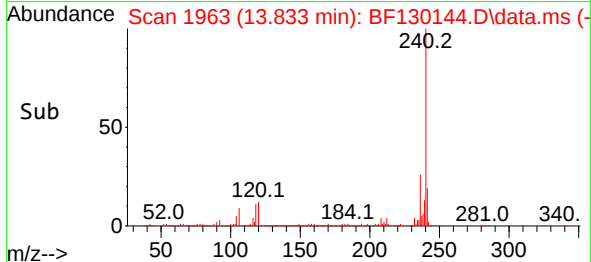
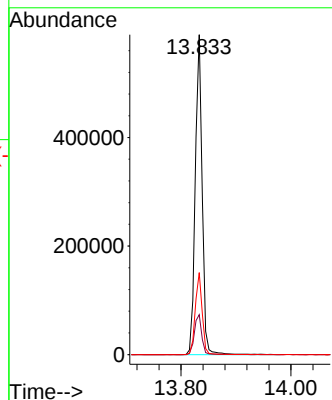
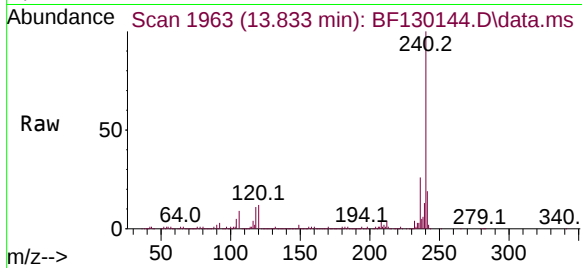




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130144.D
Acq: 06 Sep 2022 18:41

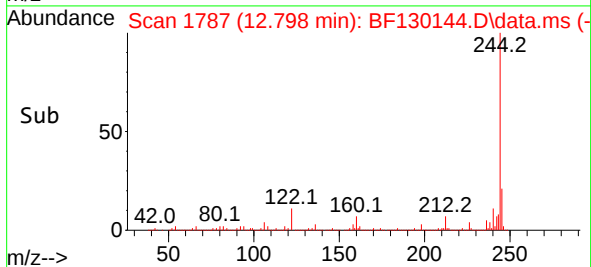
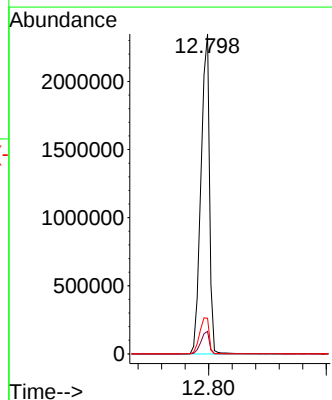
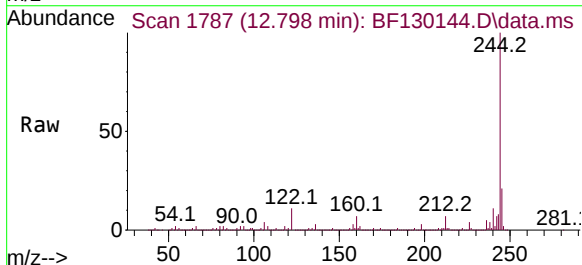
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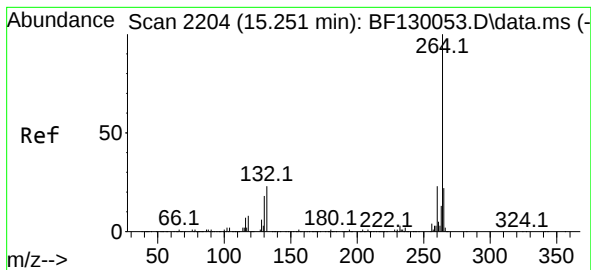
Tgt Ion:240 Resp: 516500
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 25.6 20.7 31.1



#79
Terphenyl-d14
Concen: 78.885 ng
RT: 12.798 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BF130144.D
Acq: 06 Sep 2022 18:41

Tgt Ion:244 Resp: 2349550
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 11.1 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130144.D
Acq: 06 Sep 2022 18:41

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

Tgt Ion:264 Resp: 376677
Ion Ratio Lower Upper
264 100
260 24.5 19.1 28.7
265 21.9 16.7 25.1

