

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130074.D
 Acq On : 01 Sep 2022 12:33
 Operator : CG\JU
 Sample : N4433-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-1

Quant Time: Sep 01 12:59:47 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)

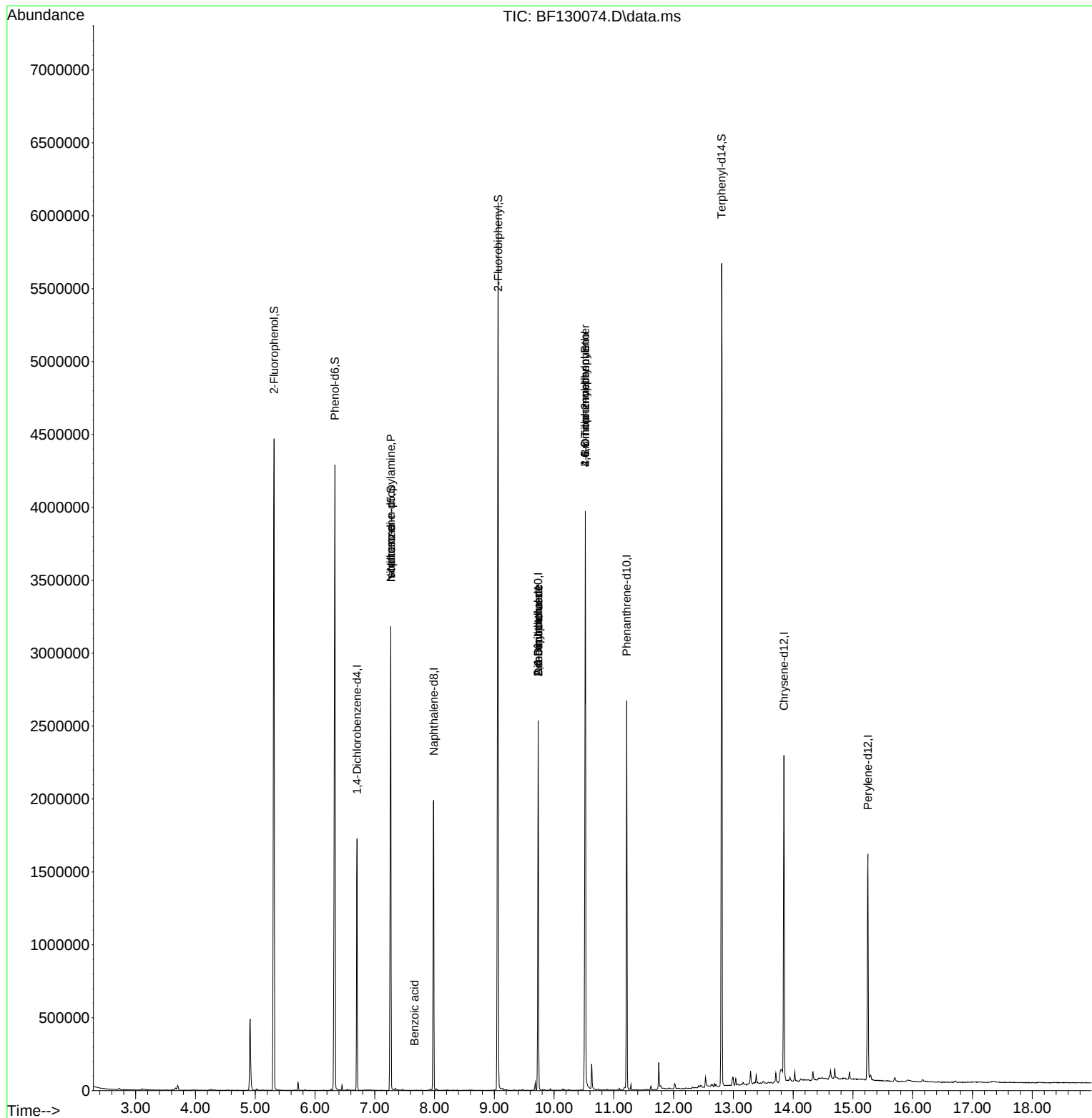
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	256101	20.000	ng	0.00
21) Naphthalene-d8	7.987	136	1023519	20.000	ng	0.00
39) Acenaphthene-d10	9.733	164	544051	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	891062	20.000	ng	# 0.00
76) Chrysene-d12	13.845	240	679187	20.000	ng	#-0.01
86) Perylene-d12	15.251	264	639484	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	1502457	99.595	ng	0.00
7) Phenol-d6	6.334	99	1888925	100.435	ng	-0.01
23) Nitrobenzene-d5	7.269	82	1123777	70.561	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	528706	106.758	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2111113	64.335	ng	0.00
79) Terphenyl-d14	12.804	244	2135694	54.529	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	144509	12.754	ng	# 72
25) Isophorone	7.269	82	1102530	34.203	ng	# 65
32) Benzoic acid	7.663	122	59	6.577	ng	# 53
50) Dimethylphthalate	9.733	163	101090	2.728	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	70090	9.701	ng	# 23
57) 2,4-Dinitrotoluene	9.733	165	70090	8.426	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.522	198	1120	6.313	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	31770	3.205	ng	# 1

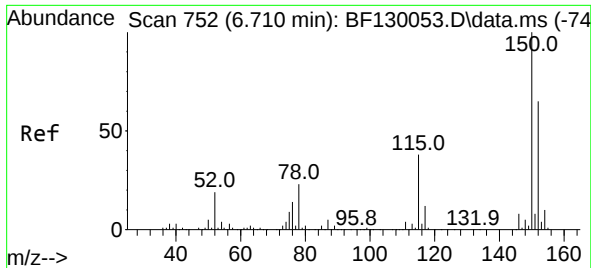
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
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BNA_F
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EP-1

Quant Time: Sep 01 12:59:47 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
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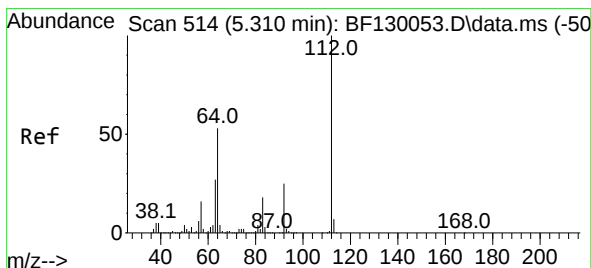
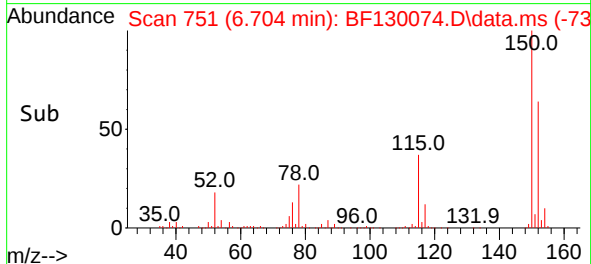
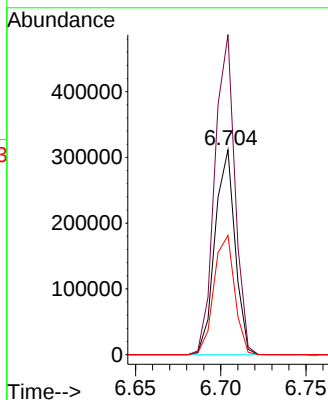
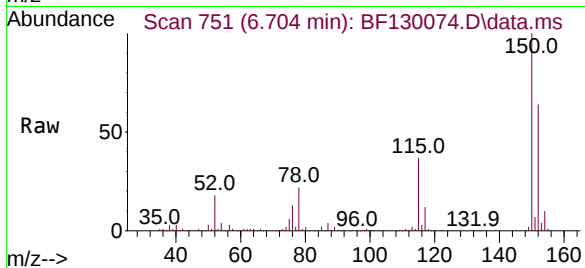




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 751
 Delta R.T. -0.006 min
 Lab File: BF130074.D
 Acq: 01 Sep 2022 12:33

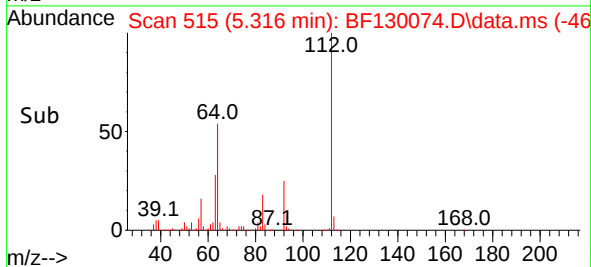
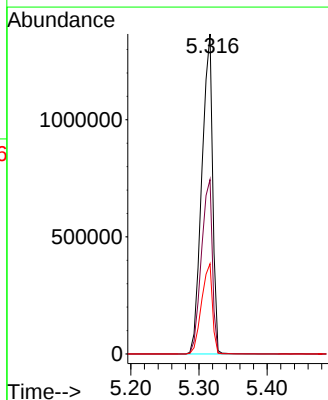
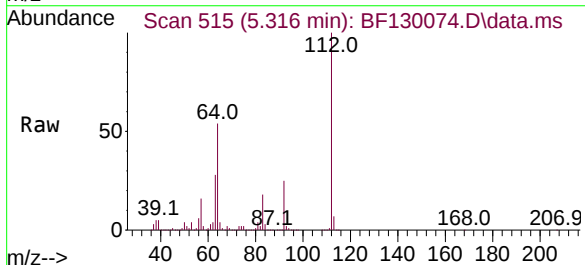
Instrument :
 BNA_F
 ClientSampleId :
 EP-1

Tgt Ion:152 Resp: 256101
 Ion Ratio Lower Upper
 152 100
 150 156.2 126.9 190.3
 115 58.2 53.4 80.0



#5
 2-Fluorophenol
 Concen: 99.595 ng
 RT: 5.316 min Scan# 515
 Delta R.T. 0.006 min
 Lab File: BF130074.D
 Acq: 01 Sep 2022 12:33

Tgt Ion:112 Resp: 1502457
 Ion Ratio Lower Upper
 112 100
 64 54.5 47.6 71.4
 63 28.2 24.6 37.0

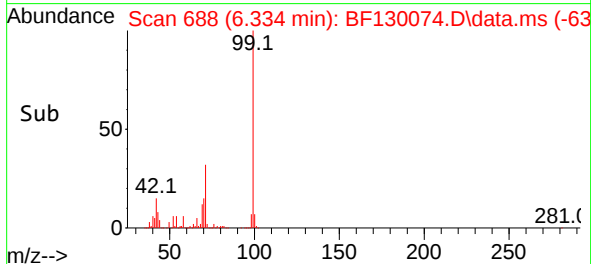
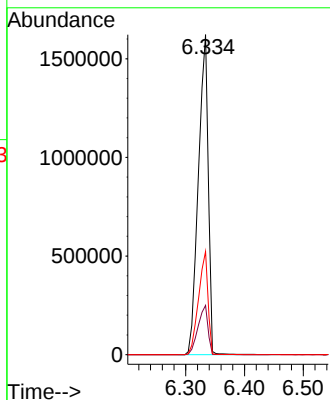
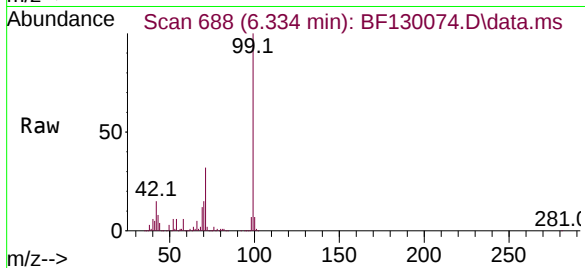




#7
Phenol-d6
Concen: 100.435 ng
RT: 6.334 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF130074.D
Acq: 01 Sep 2022 12:33

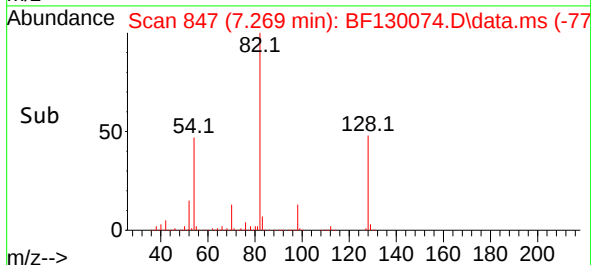
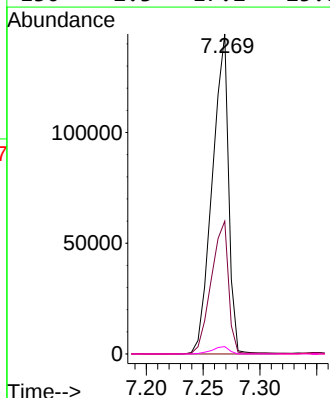
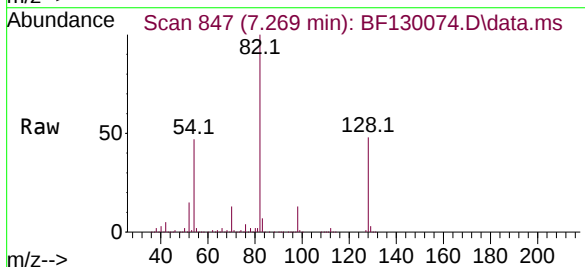
Instrument :
BNA_F
ClientSampleId :
EP-1

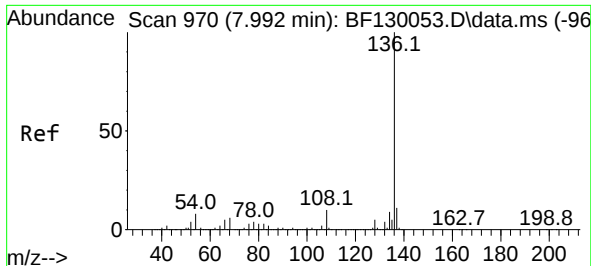
Tgt Ion: 99 Resp: 1888925
Ion Ratio Lower Upper
99 100
42 15.4 15.0 22.4
71 32.3 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.754 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130074.D
Acq: 01 Sep 2022 12:33

Tgt Ion: 70 Resp: 144509
Ion Ratio Lower Upper
70 100
42 41.5 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#

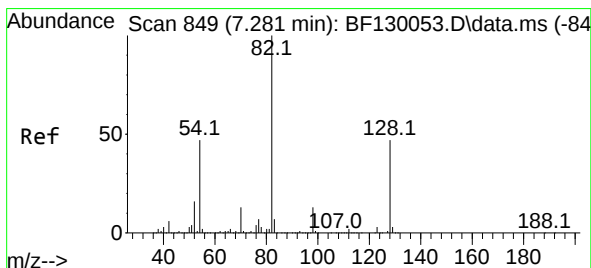
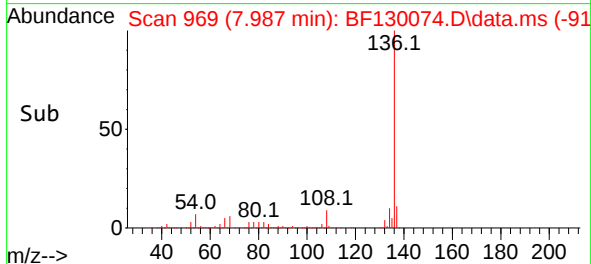
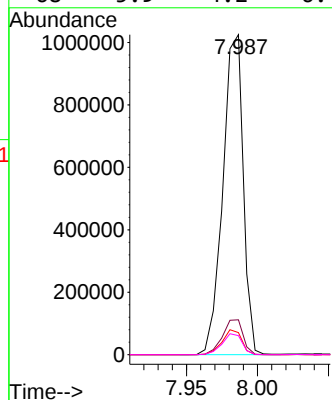
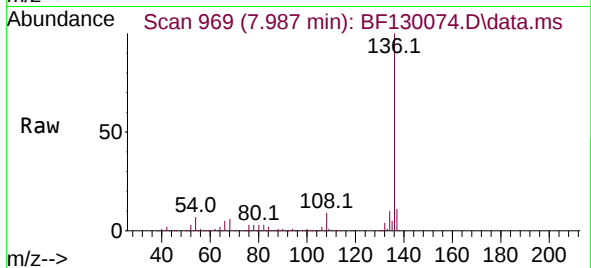




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.987 min Scan# 910
Delta R.T. -0.005 min
Lab File: BF130074.D
Acq: 01 Sep 2022 12:33

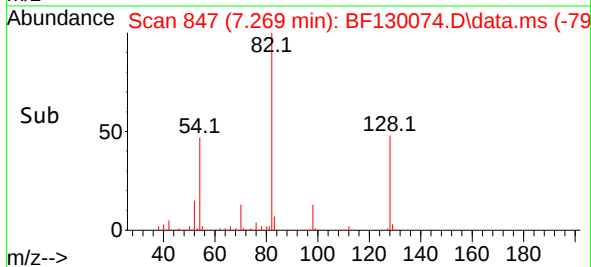
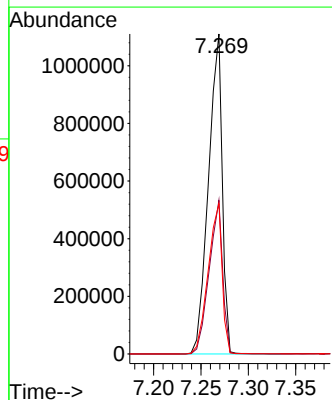
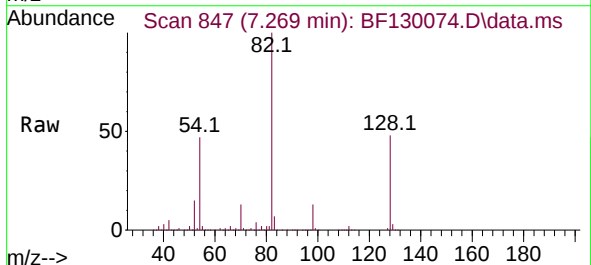
Instrument :
BNA_F
ClientSampleId :
EP-1

Tgt Ion:136 Resp: 1023519
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.9 6.2 9.2
68 5.9 4.2 6.4



#23
Nitrobenzene-d5
Concen: 70.561 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130074.D
Acq: 01 Sep 2022 12:33

Tgt Ion: 82 Resp: 1123777
Ion Ratio Lower Upper
82 100
128 48.0 36.1 54.1
54 47.0 40.0 60.0

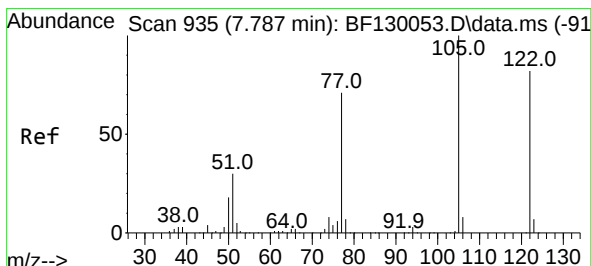
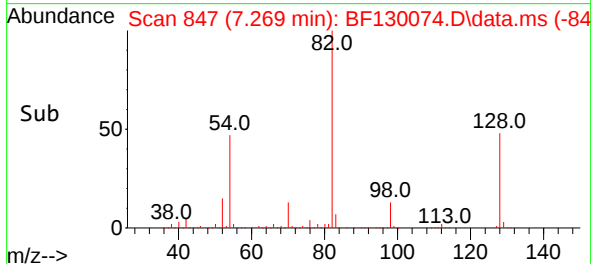
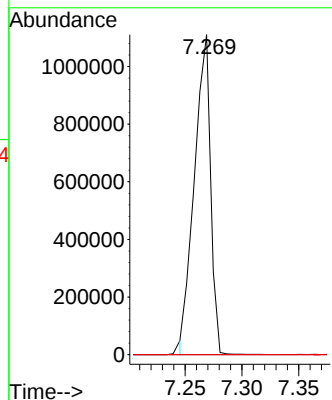
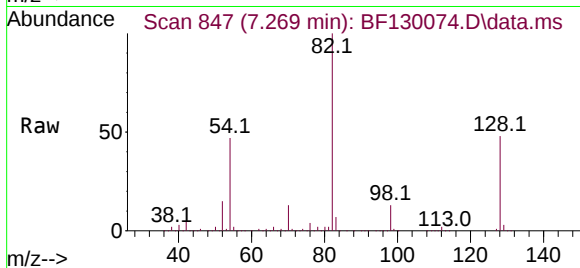




#25
Isophorone
Concen: 34.203 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130074.D
Acq: 01 Sep 2022 12:33

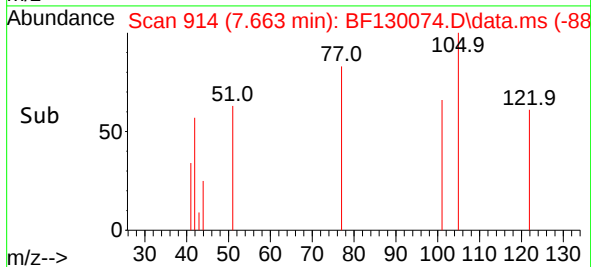
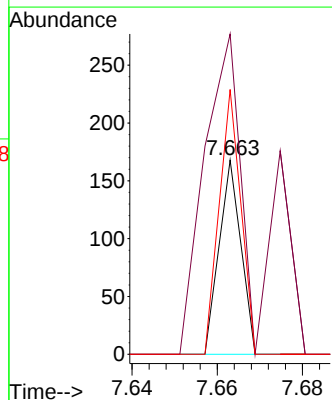
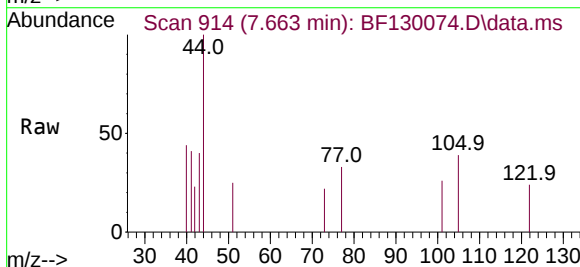
Instrument :
BNA_F
ClientSampleId :
EP-1

Tgt Ion: 82 Resp: 1102530
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.577 ng
RT: 7.663 min Scan# 914
Delta R.T. -0.124 min
Lab File: BF130074.D
Acq: 01 Sep 2022 12:33

Tgt Ion: 122 Resp: 59
Ion Ratio Lower Upper
122 100
105 164.9 99.9 139.9#
77 136.3 65.9 105.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.733 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF130074.D

Acq: 01 Sep 2022 12:33

Instrument :

BNA_F

ClientSampleId :

EP-1

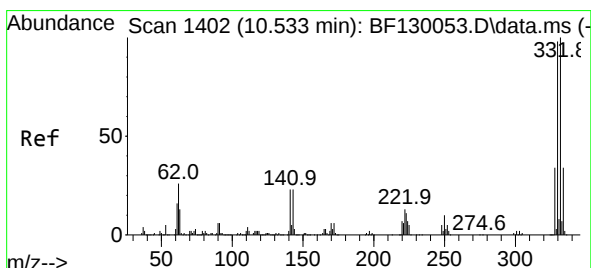
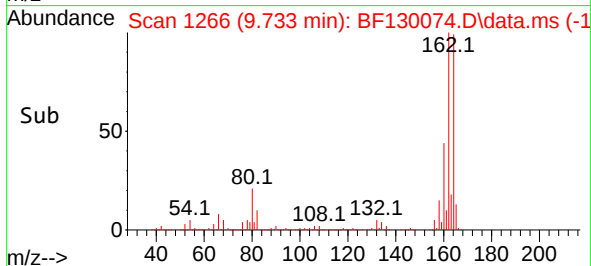
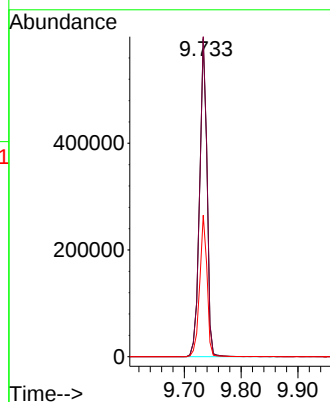
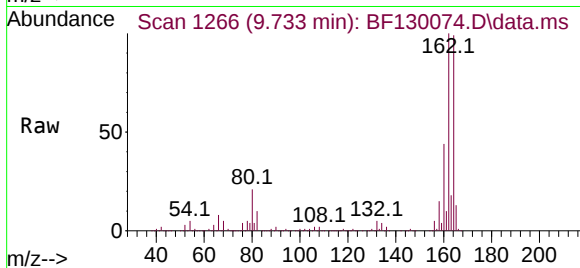
Tgt Ion:164 Resp: 544051

Ion Ratio Lower Upper

164 100

162 100.6 82.0 123.0

160 44.4 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 106.758 ng

RT: 10.522 min Scan# 1400

Delta R.T. -0.012 min

Lab File: BF130074.D

Acq: 01 Sep 2022 12:33

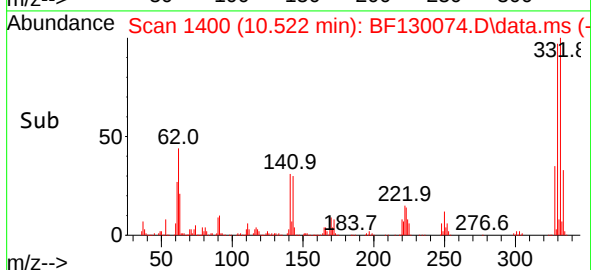
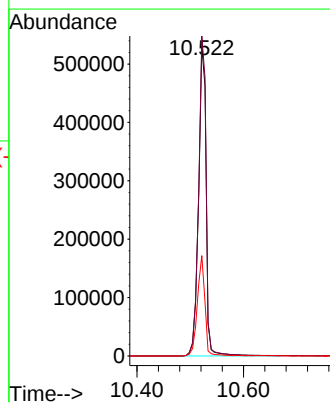
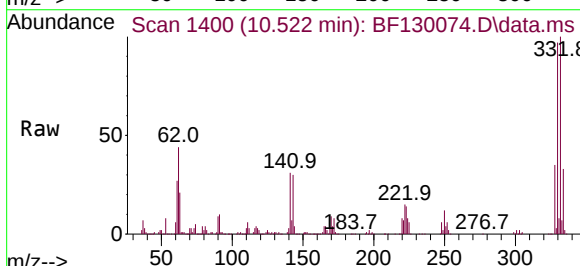
Tgt Ion:330 Resp: 528706

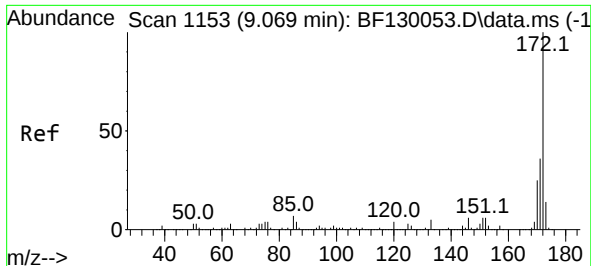
Ion Ratio Lower Upper

330 100

332 102.9 82.6 124.0

141 32.2 27.6 41.4

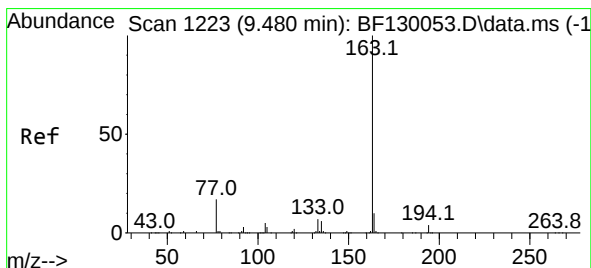
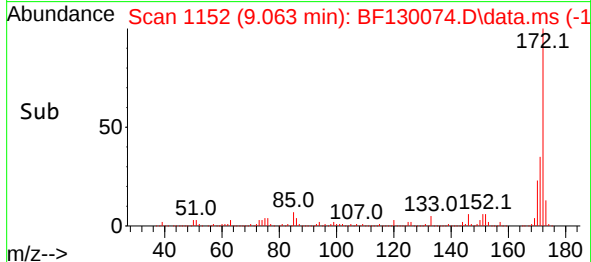
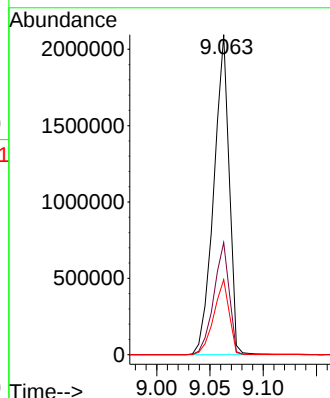
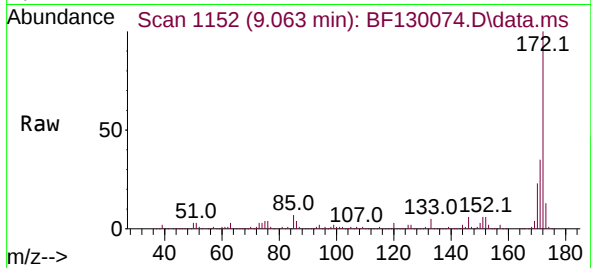




#45
2-Fluorobiphenyl
Concen: 64.335 ng
RT: 9.063 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF130074.D
Acq: 01 Sep 2022 12:33

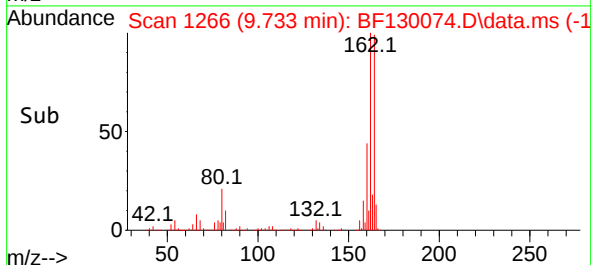
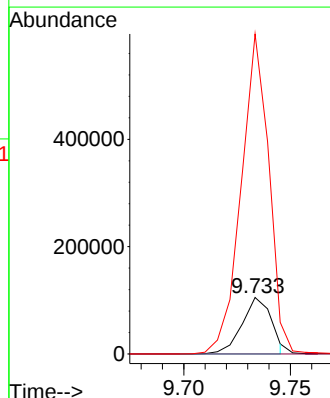
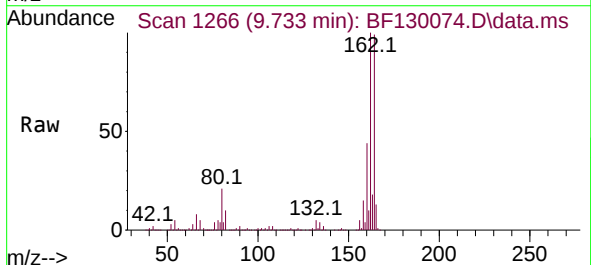
Instrument :
BNA_F
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EP-1

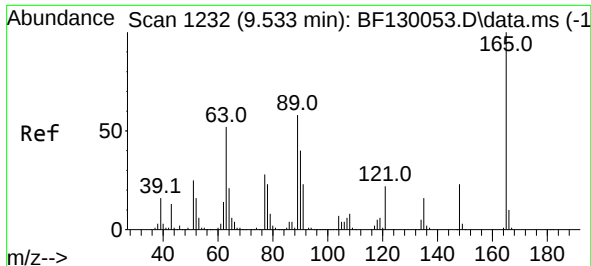
Tgt Ion:172 Resp: 2111113
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.5 19.1 28.7



#50
Dimethylphthalate
Concen: 2.728 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.253 min
Lab File: BF130074.D
Acq: 01 Sep 2022 12:33

Tgt Ion:163 Resp: 101090
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 567.0 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.701 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.200 min

Lab File: BF130074.D

Acq: 01 Sep 2022 12:33

Instrument :

BNA_F

ClientSampleId :

EP-1

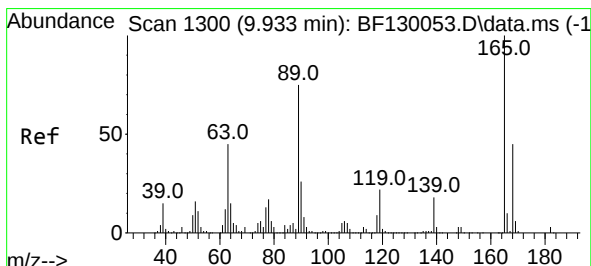
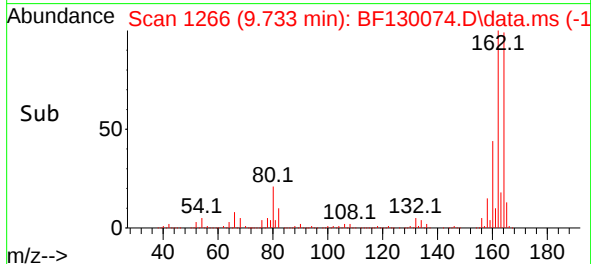
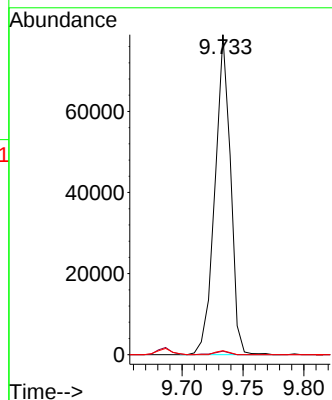
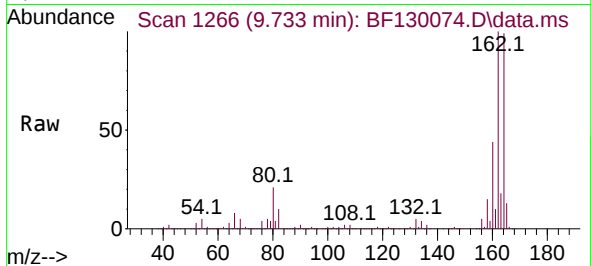
Tgt Ion:165 Resp: 70090

Ion Ratio Lower Upper

165 100

63 1.1 47.8 71.8#

89 1.2 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.426 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.200 min

Lab File: BF130074.D

Acq: 01 Sep 2022 12:33

Tgt Ion:165 Resp: 70090

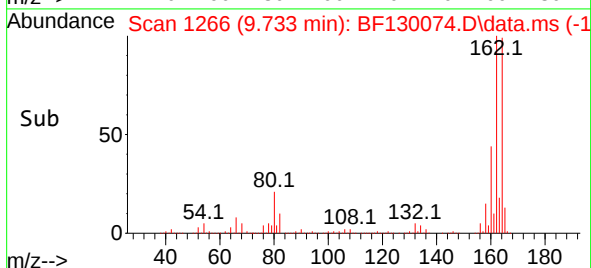
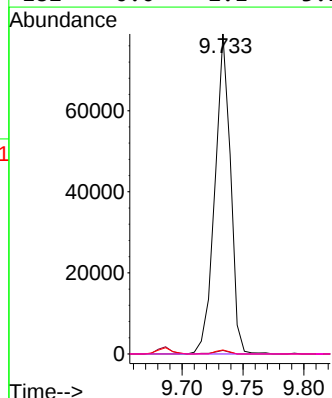
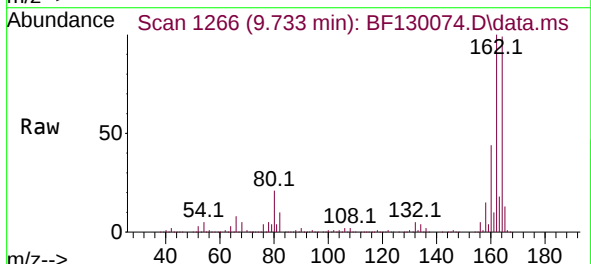
Ion Ratio Lower Upper

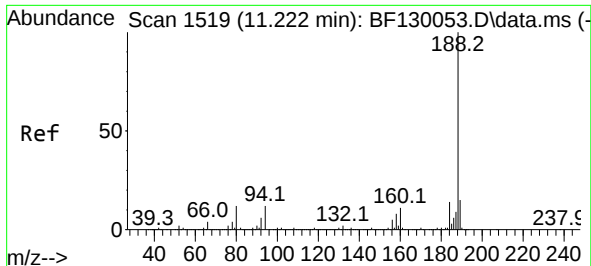
165 100

63 1.1 48.4 72.6#

89 1.2 62.3 93.5#

182 0.0 2.1 3.1#

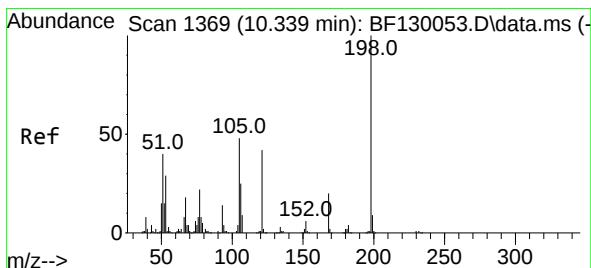
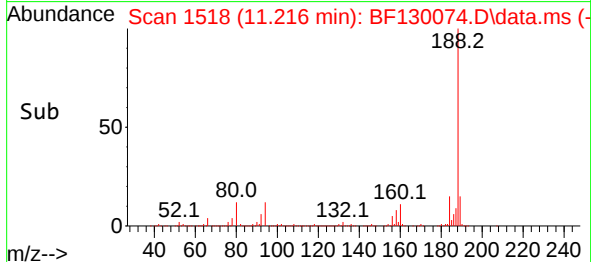
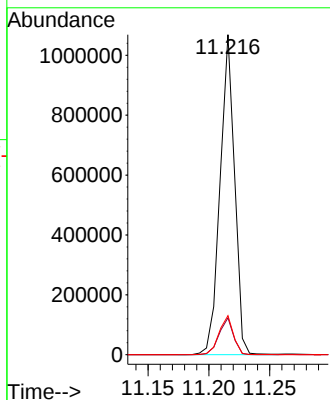
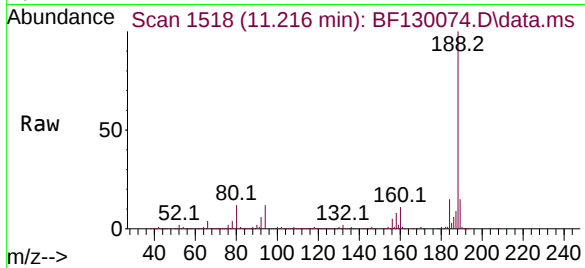




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130074.D
Acq: 01 Sep 2022 12:33

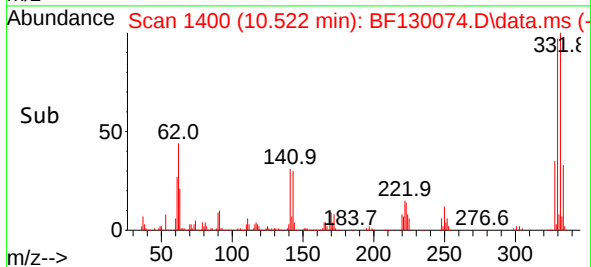
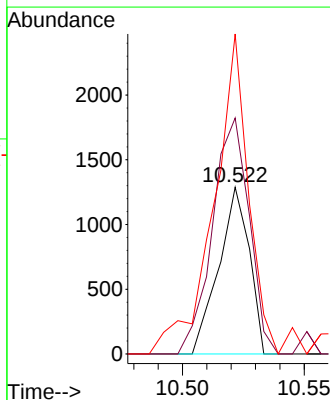
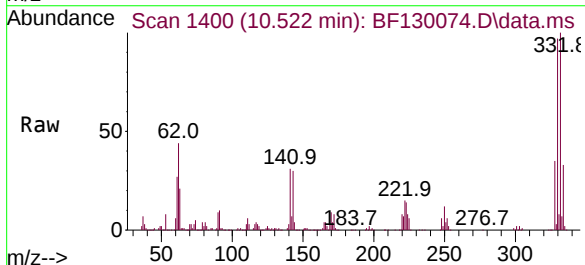
Instrument :
BNA_F
ClientSampleId :
EP-1

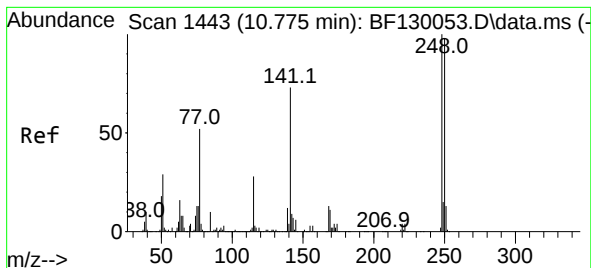
Tgt Ion:188 Resp: 891062
Ion Ratio Lower Upper
188 100
94 11.5 7.4 11.2#
80 12.2 7.9 11.9#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.313 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.183 min
Lab File: BF130074.D
Acq: 01 Sep 2022 12:33

Tgt Ion:198 Resp: 1120
Ion Ratio Lower Upper
198 100
51 141.5 29.4 69.4#
105 191.9 29.2 69.2#

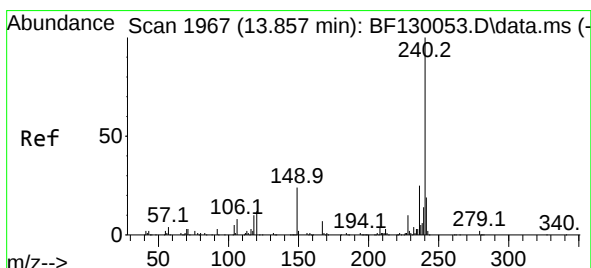
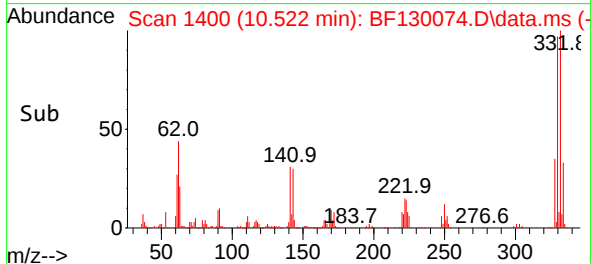
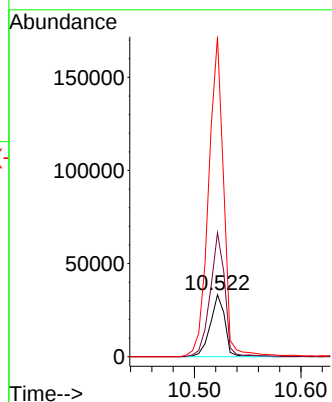
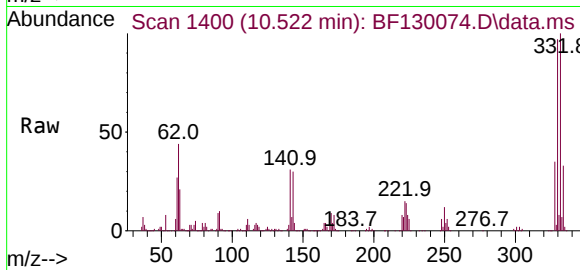




#67
4-Bromophenyl-phenylether
Concen: 3.205 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF130074.D
Acq: 01 Sep 2022 12:33

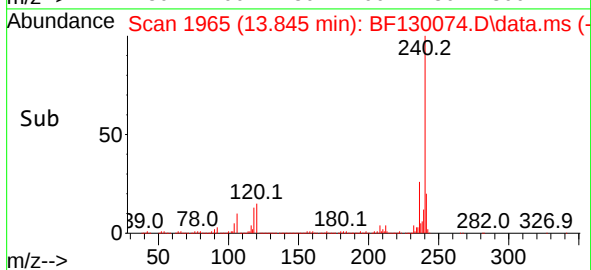
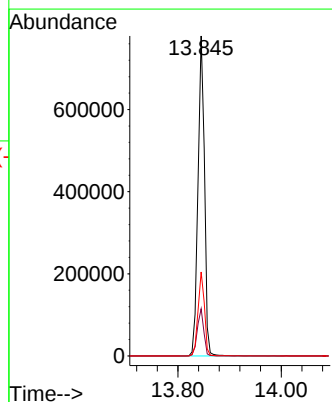
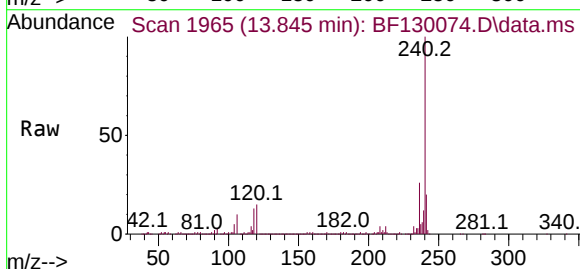
Instrument :
BNA_F
ClientSampleId :
EP-1

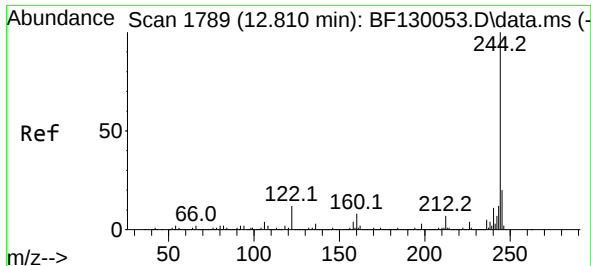
Tgt Ion:248 Resp: 31770
Ion Ratio Lower Upper
248 100
250 200.2 77.8 116.6#
141 517.0 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130074.D
Acq: 01 Sep 2022 12:33

Tgt Ion:240 Resp: 679187
Ion Ratio Lower Upper
240 100
120 14.8 9.2 13.8#
236 26.2 20.7 31.1

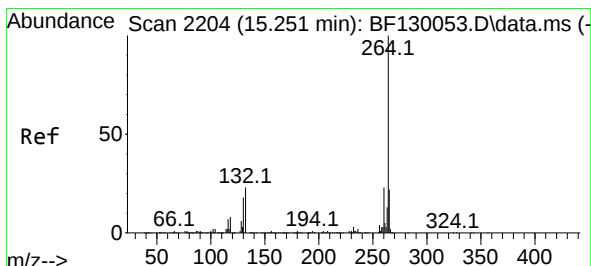
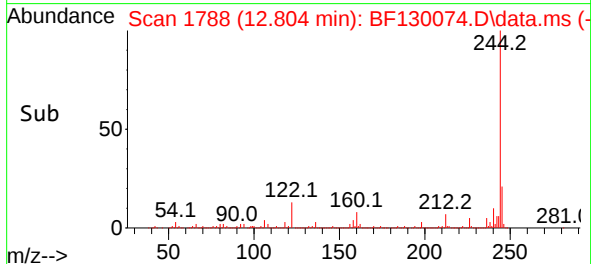
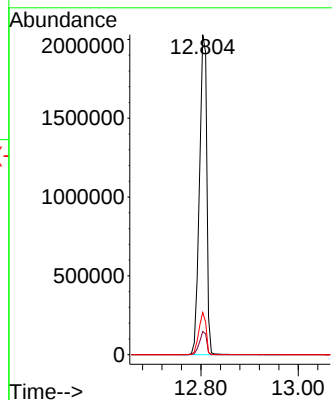
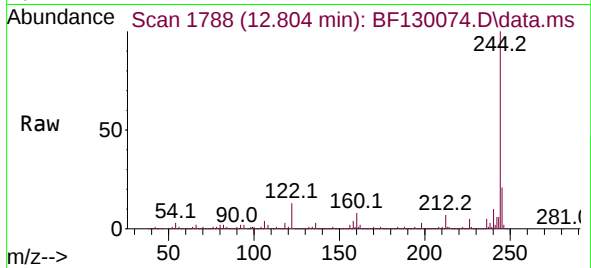




#79
 Terphenyl-d14
 Concen: 54.529 ng
 RT: 12.804 min Scan# 1789
 Delta R.T. -0.006 min
 Lab File: BF130074.D
 Acq: 01 Sep 2022 12:33

Instrument :
 BNA_F
 ClientSampleId :
 EP-1

Tgt Ion:244 Resp: 2135694
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 13.2 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.251 min Scan# 2204
 Delta R.T. 0.000 min
 Lab File: BF130074.D
 Acq: 01 Sep 2022 12:33

Tgt Ion:264 Resp: 639484
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.1 28.7
 265 21.7 16.7 25.1

