

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

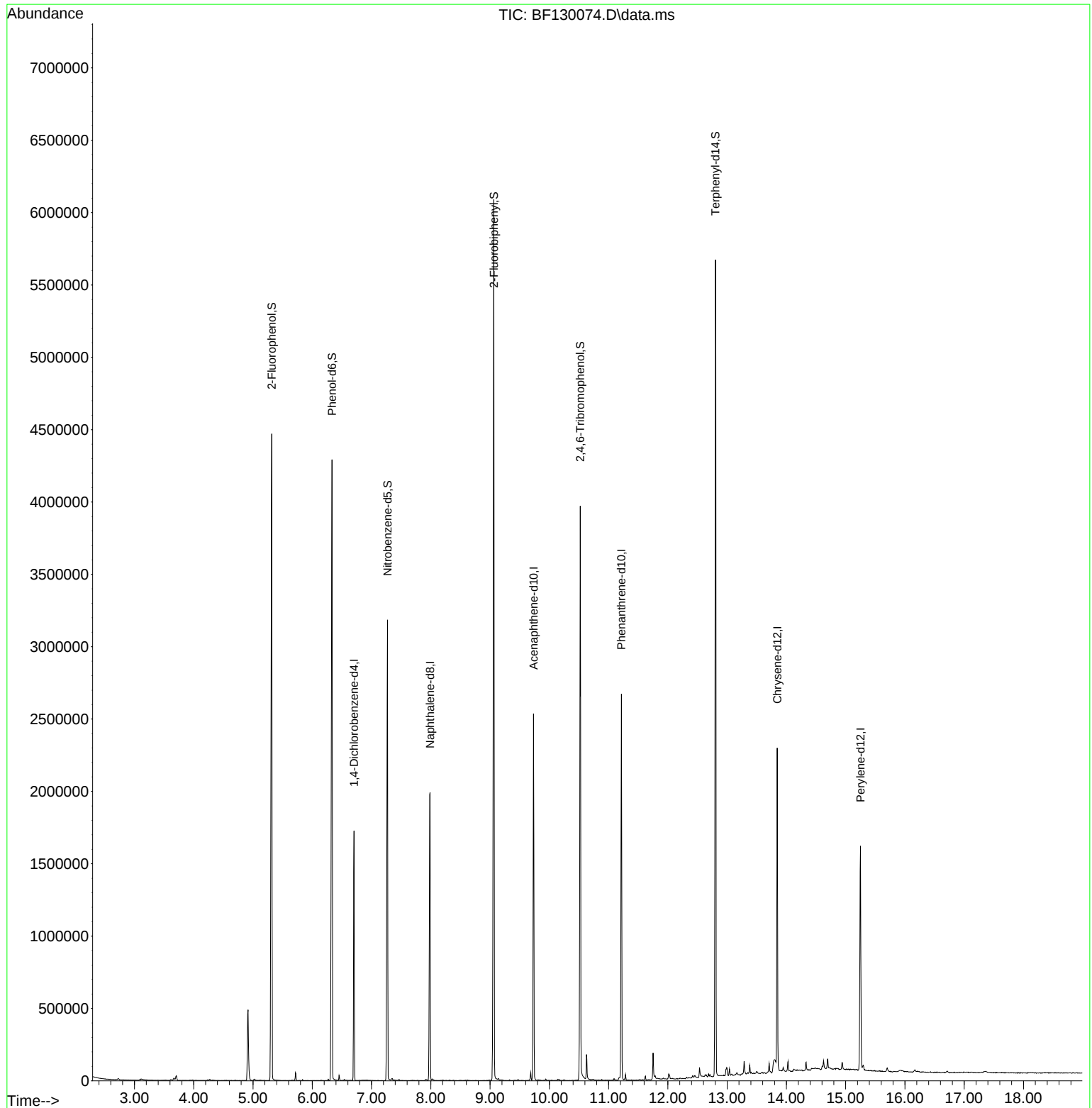
Target Compounds	Qvalue

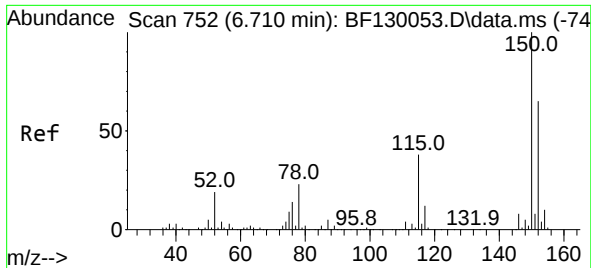
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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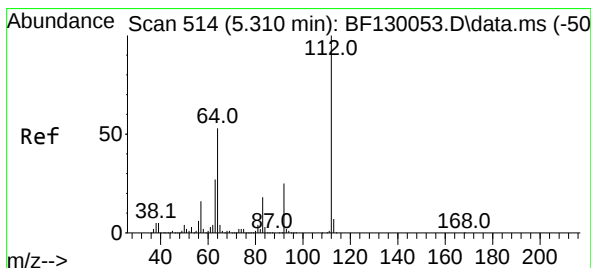
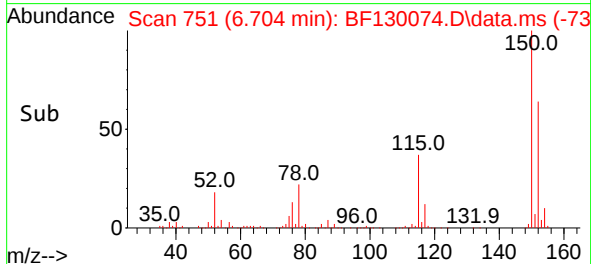
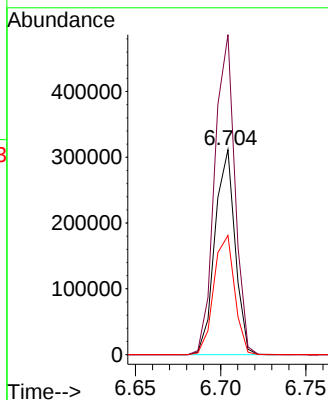
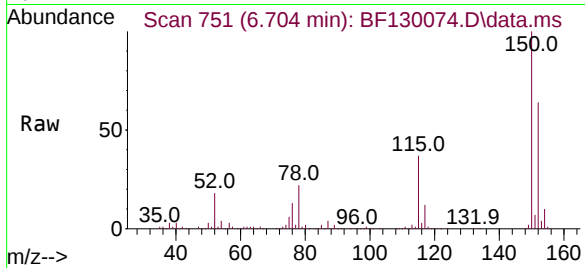




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 751
 Delta R.T. -0.006 min
 Lab File: BF130074.D
 Acq: 01 Sep 2022 12:33

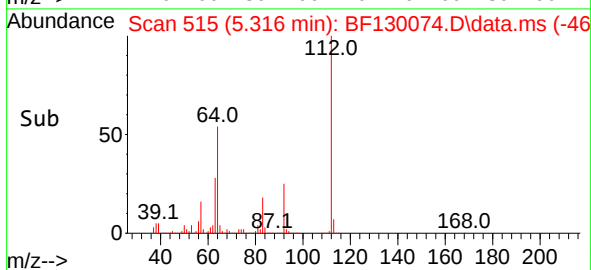
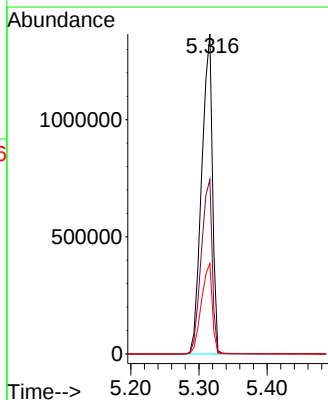
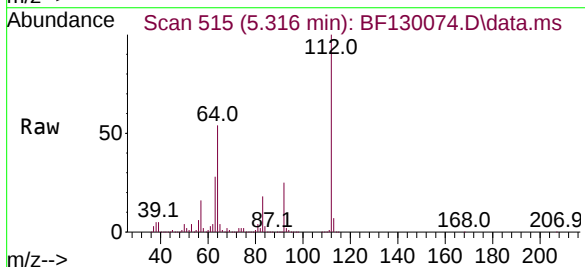
Instrument :
 BNA_F
 ClientSampleId :
 EP-1

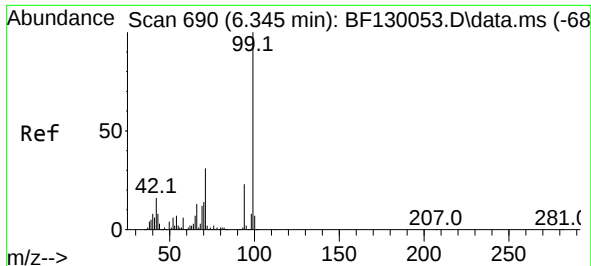
Tgt Ion:152 Resp: 256101
 Ion Ratio Lower Upper
 152 100
 150 156.2 126.9 190.3
 115 58.2 53.4 80.0



#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

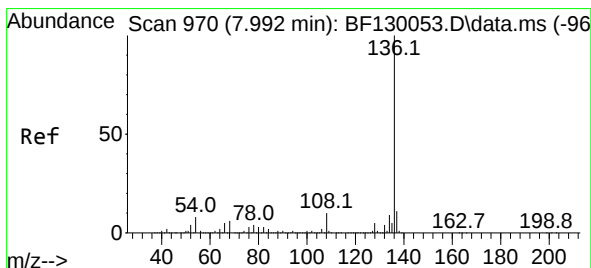
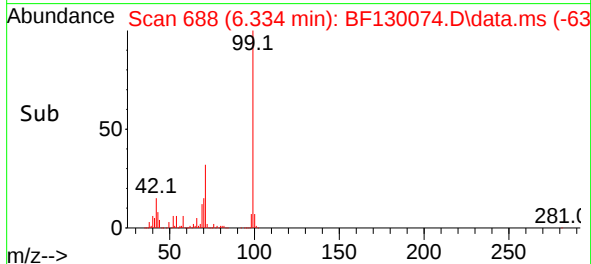
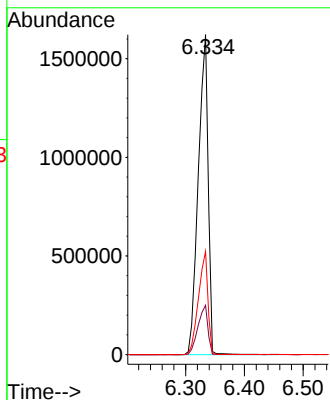
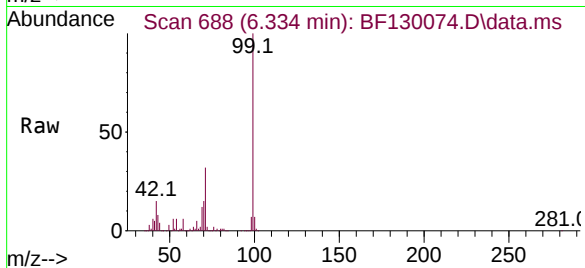




#7
Phenol-d6
Concen: 100.435 ng
RT: 6.334 min Scan# 68
Delta R.T. -0.012 min
Lab File: BF130074.D
Acq: 01 Sep 2022 12:33

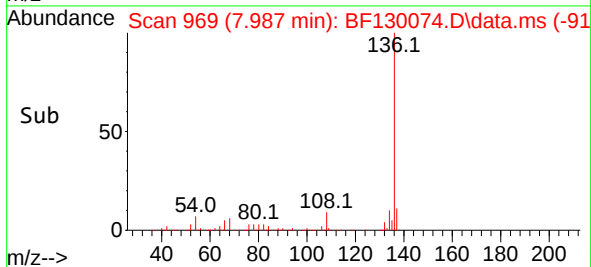
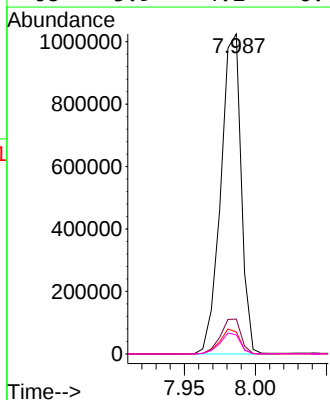
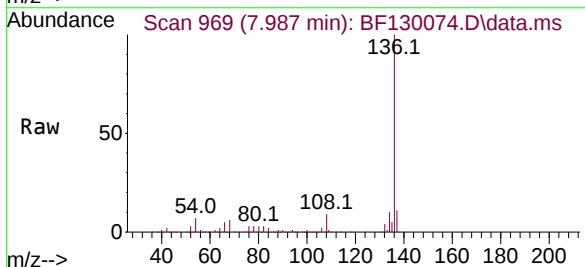
Instrument :
BNA_F
ClientSampleId :
EP-1

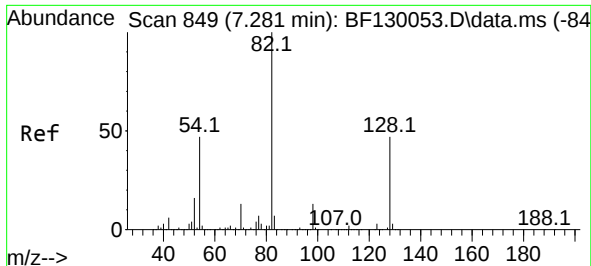
Tgt Ion: 99 Resp: 1888925
Ion Ratio Lower Upper
99 100
42 15.4 15.0 22.4
71 32.3 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.987 min Scan# 969
Delta R.T. -0.005 min
Lab File: BF130074.D
Acq: 01 Sep 2022 12:33

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# 84

Delta R.T. -0.012 min

Lab File: BF130074.D

Acq: 01 Sep 2022 12:33

Instrument :

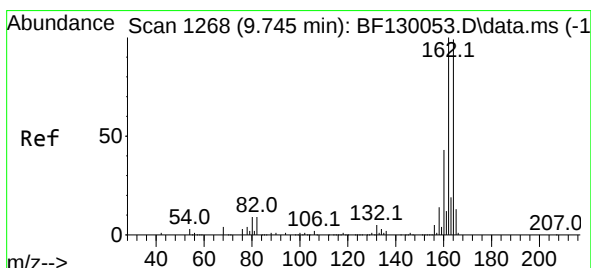
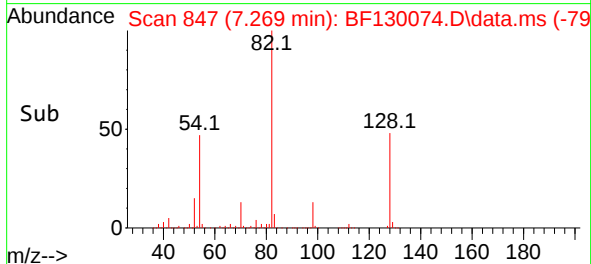
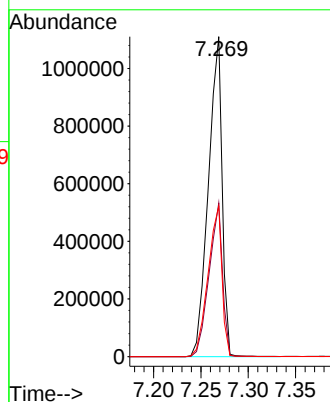
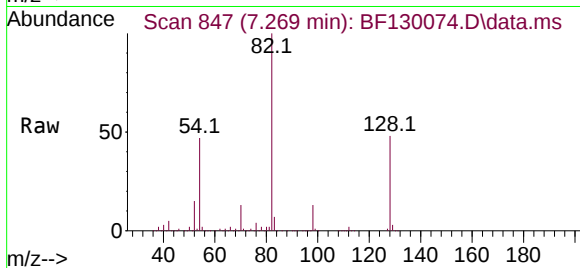
BNA_F

ClientSampleId :

EP-1

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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.733 min Scan# 1266

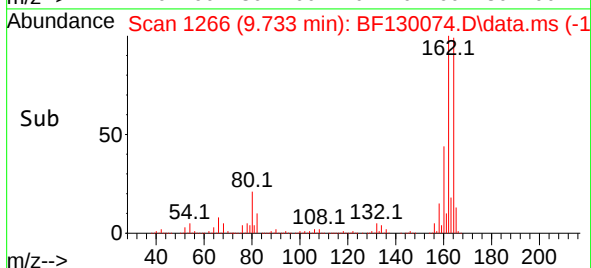
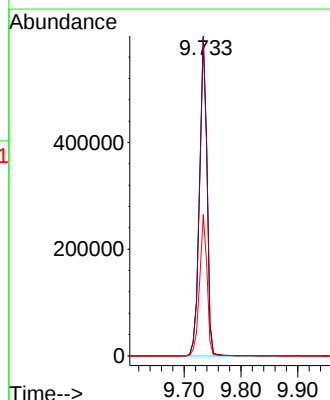
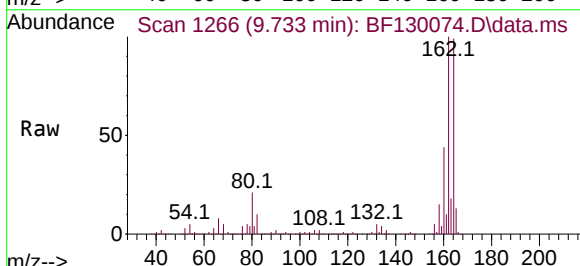
Delta R.T. -0.012 min

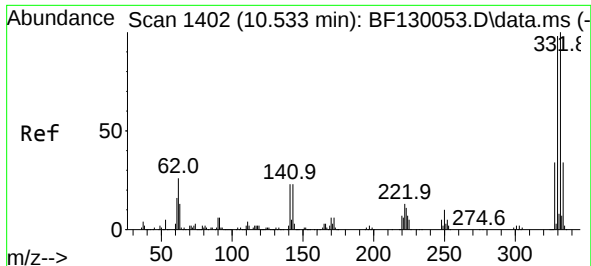
Lab File: BF130074.D

Acq: 01 Sep 2022 12:33

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

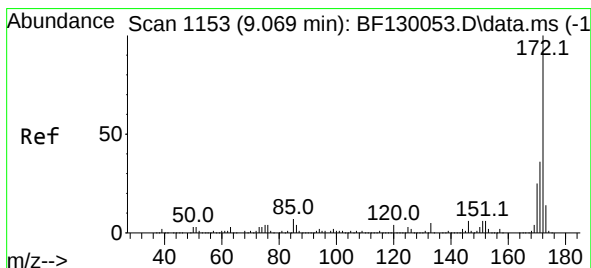
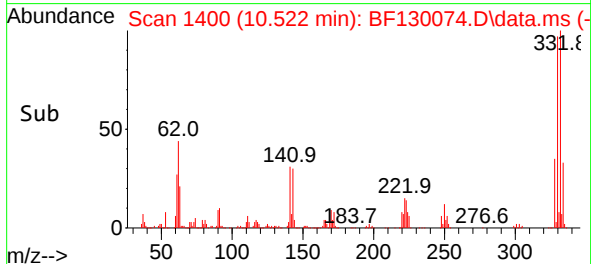
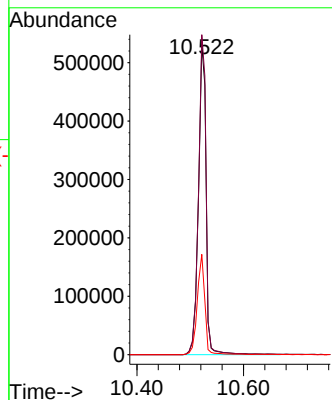
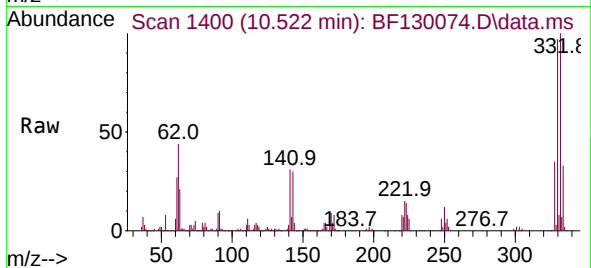




#42
2,4,6-Tribromophenol
Concen: 106.758 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130074.D
Acq: 01 Sep 2022 12:33

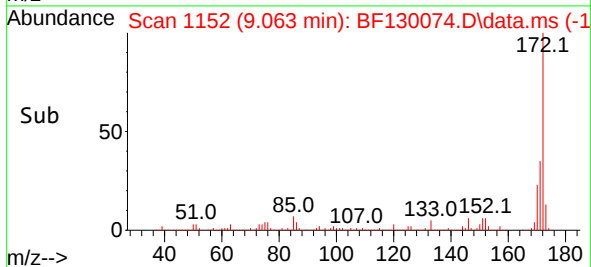
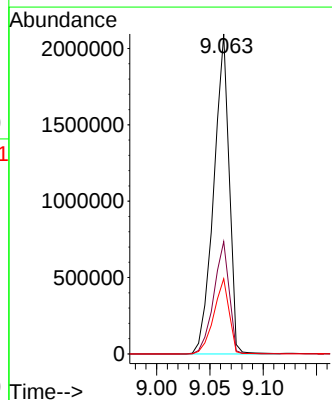
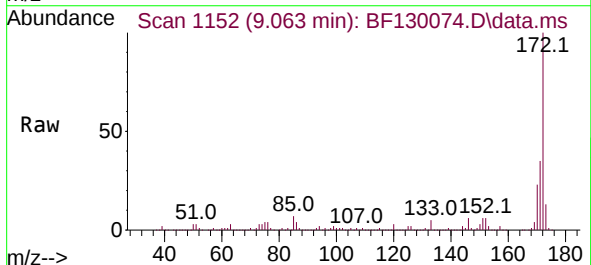
Instrument :
BNA_F
ClientSampleId :
EP-1

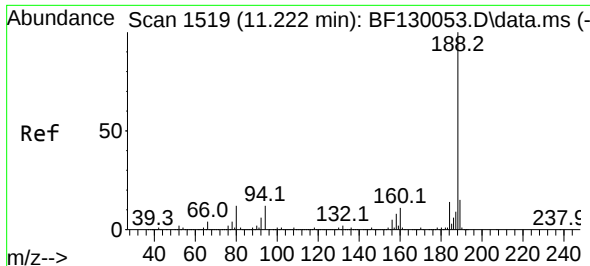
Tgt Ion: 330 Resp: 528706
Ion Ratio Lower Upper
330 100
332 102.9 82.6 124.0
141 32.2 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 64.335 ng
RT: 9.063 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF130074.D
Acq: 01 Sep 2022 12:33

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

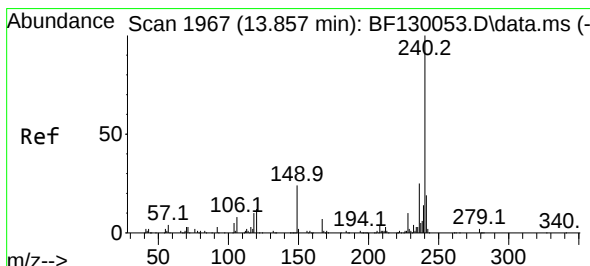
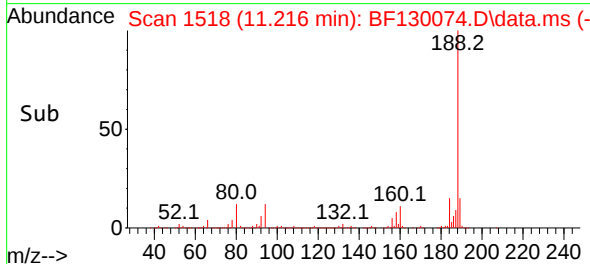
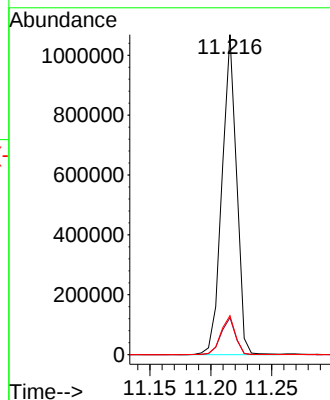
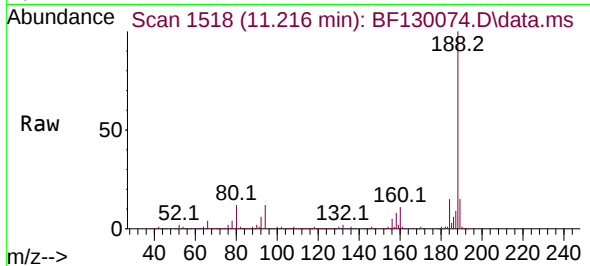




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130074.D
Acq: 01 Sep 2022 12:33

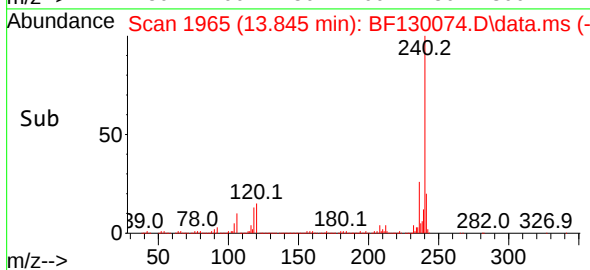
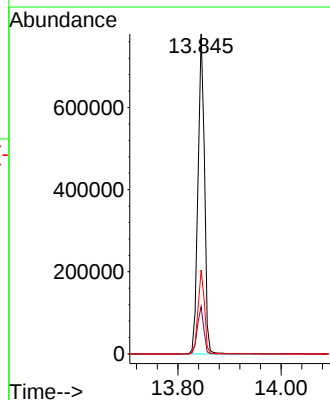
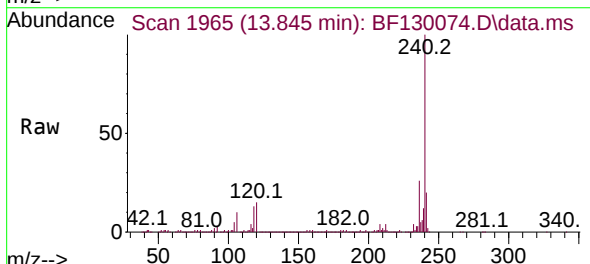
Instrument :
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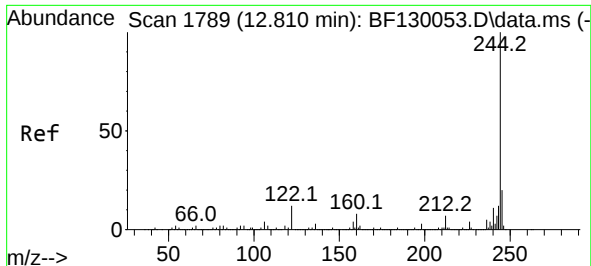
Tgt Ion:188 Resp: 891062
Ion Ratio Lower Upper
188 100
94 11.5 7.4 11.2#
80 12.2 7.9 11.9#



#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

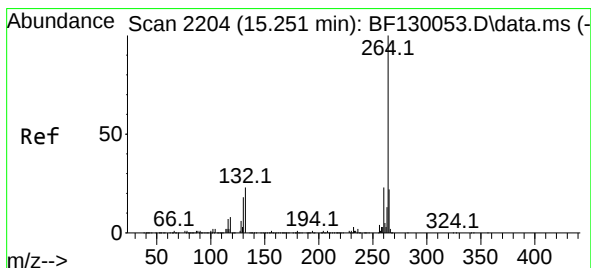
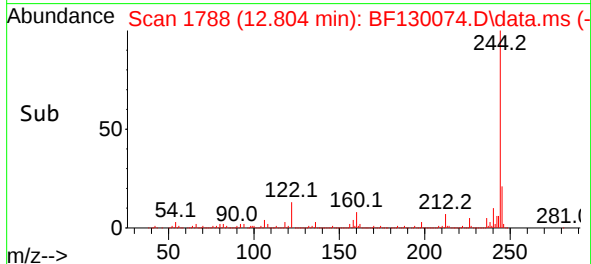
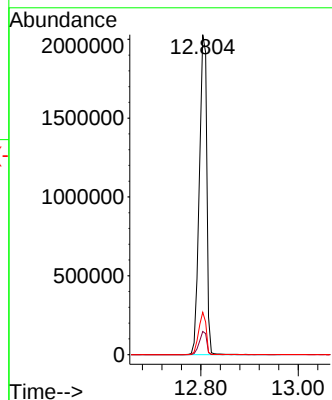
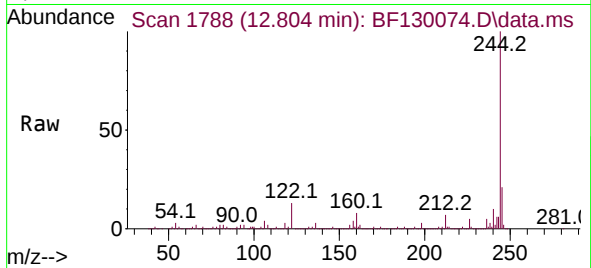




#79
 Terphenyl-d14
 Concen: 54.529 ng
 RT: 12.804 min Scan# 1789
 Delta R.T. -0.006 min
 Lab File: BF130074.D
 Acq: 01 Sep 2022 12:33

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

