

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130248.D
 Acq On : 14 Sep 2022 19:40
 Operator : CG\JU
 Sample : N4578-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-3

Quant Time: Sep 15 01:26:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 14:55:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	99884	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	398257	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	211276	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	354543	20.000	ng	0.00
76) Chrysene-d12	13.810	240	197894	20.000	ng	-0.01
86) Perylene-d12	15.204	264	150833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	752833	130.728	ng	0.02
7) Phenol-d6	6.310	99	858647	119.164	ng	0.00
23) Nitrobenzene-d5	7.245	82	679412	87.155	ng	0.00
42) 2,4,6-Tribromophenol	10.492	330	318809	157.481	ng	0.00
45) 2-Fluorobiphenyl	9.034	172	1200549	82.746	ng	0.00
79) Terphenyl-d14	12.774	244	1248662	104.520	ng	0.00

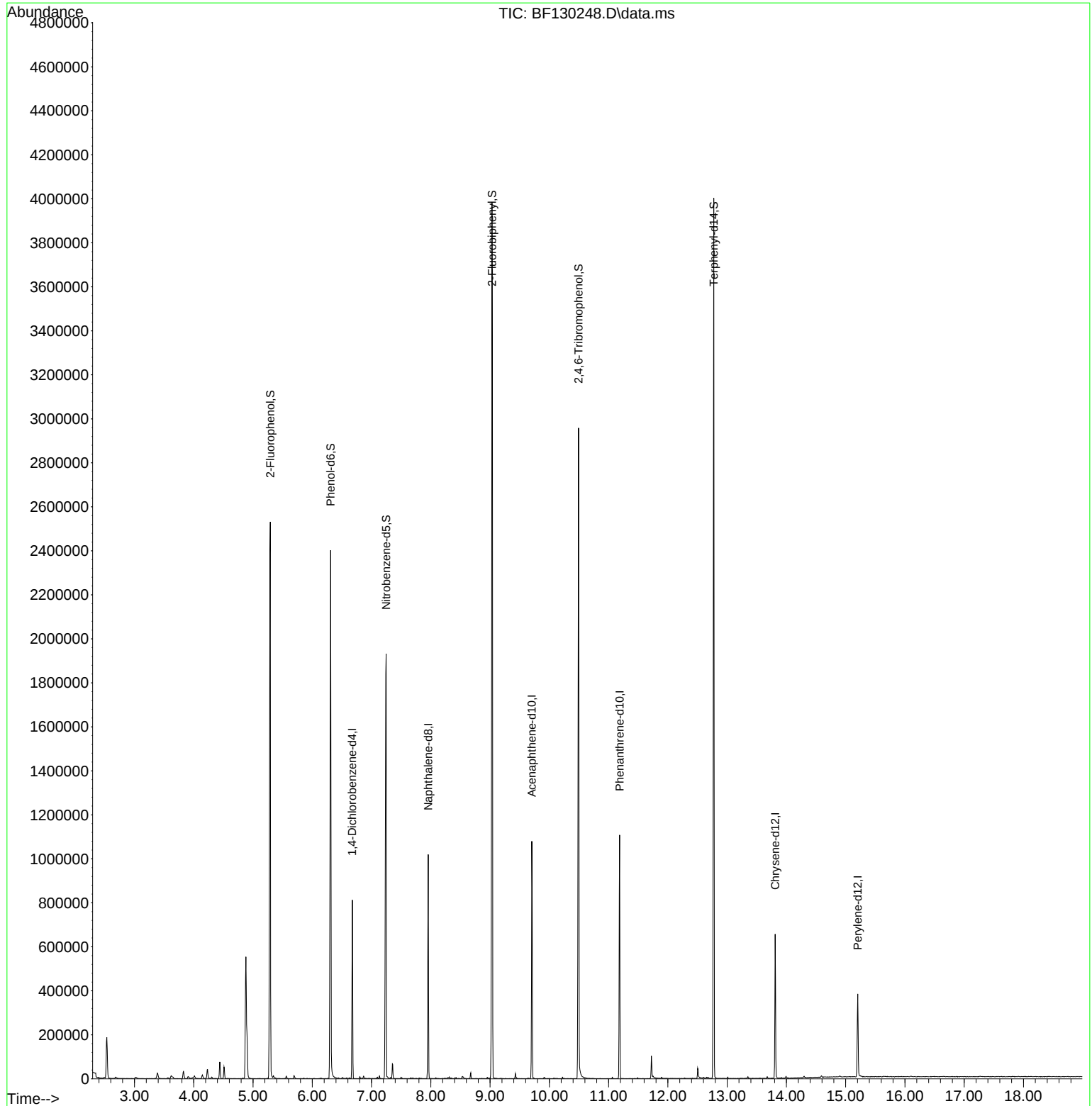
Target Compounds Qvalue

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

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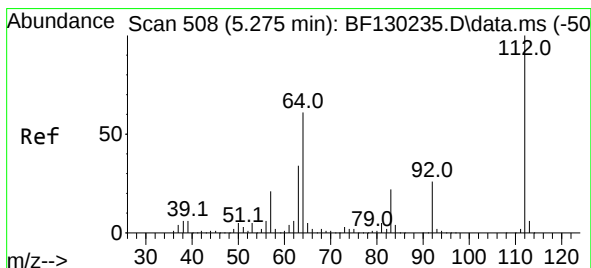
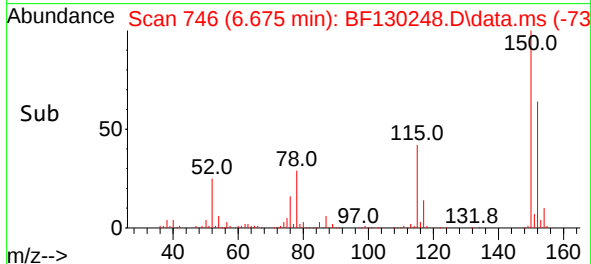
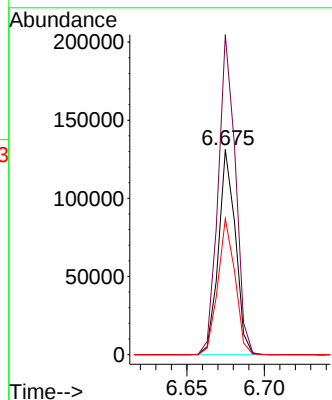
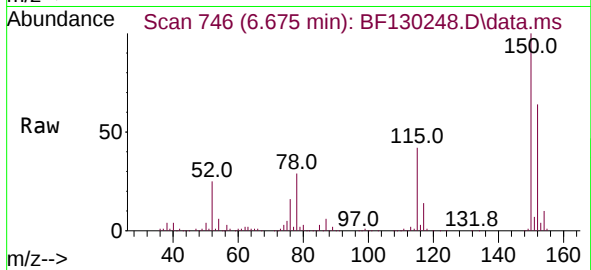




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.675 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF130248.D
Acq: 14 Sep 2022 19:40

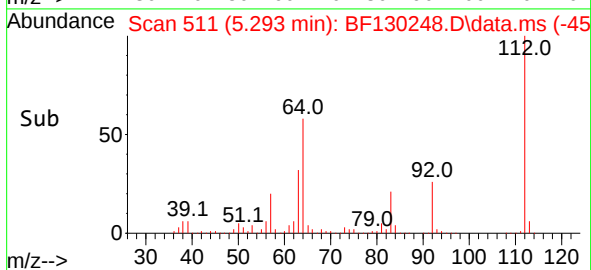
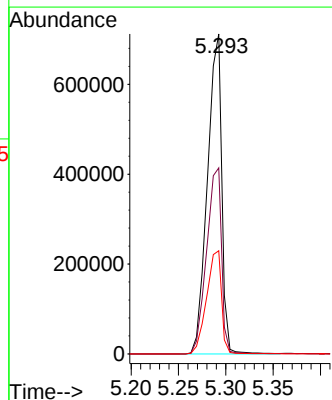
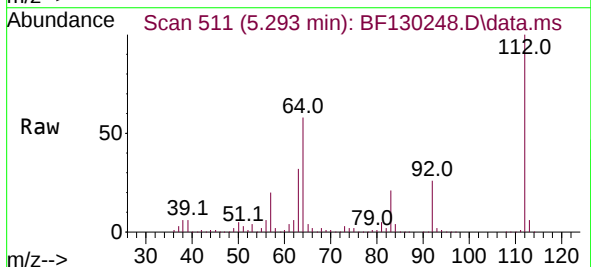
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-3

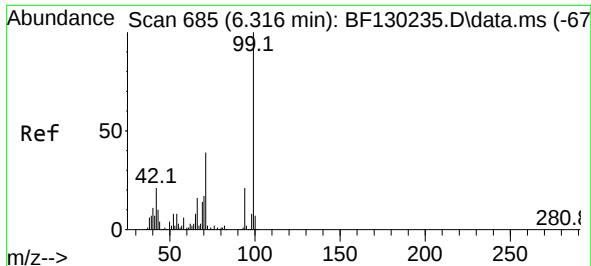
Tgt Ion:152 Resp: 99884
Ion Ratio Lower Upper
152 100
150 156.0 122.8 184.2
115 66.3 53.8 80.8



#5
2-Fluorophenol
Concen: 130.728 ng
RT: 5.293 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF130248.D
Acq: 14 Sep 2022 19:40

Tgt Ion:112 Resp: 752833
Ion Ratio Lower Upper
112 100
64 58.1 51.4 77.0
63 32.2 28.8 43.2

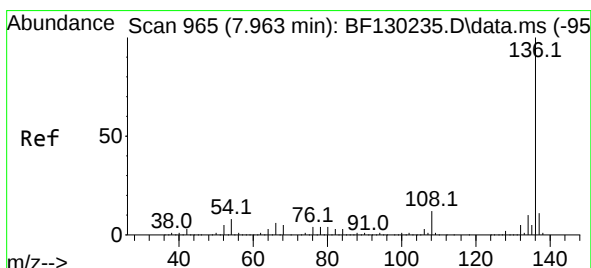
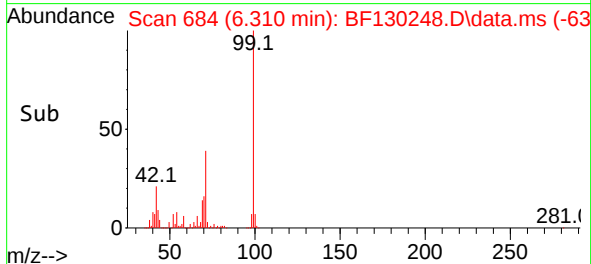
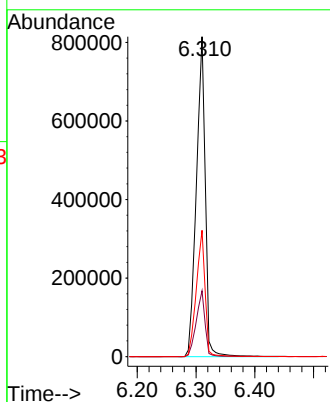
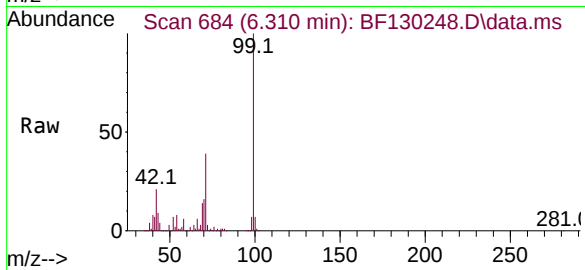




#7
Phenol-d6
Concen: 119.164 ng
RT: 6.310 min Scan# 684
Delta R.T. -0.006 min
Lab File: BF130248.D
Acq: 14 Sep 2022 19:40

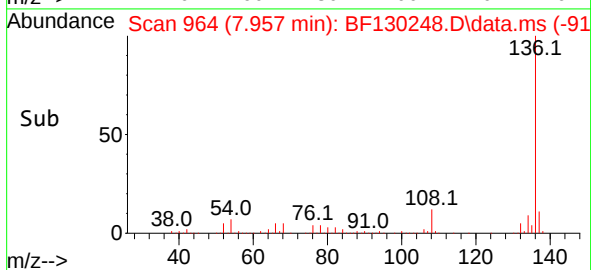
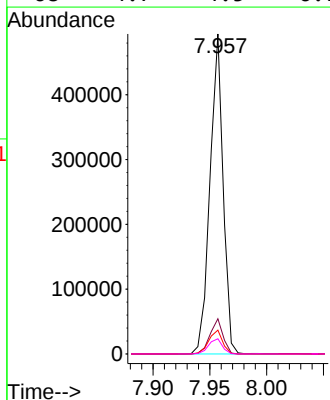
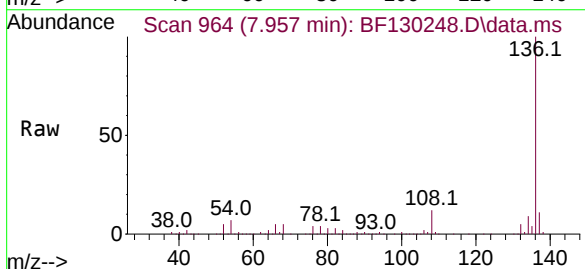
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-3

Tgt Ion: 99 Resp: 858647
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 39.5 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF130248.D
Acq: 14 Sep 2022 19:40

Tgt Ion: 136 Resp: 398257
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.4 7.1 10.7
68 4.7 4.5 6.7

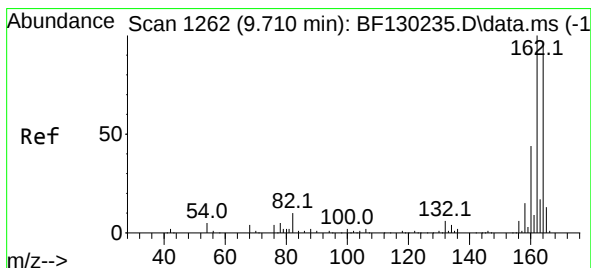
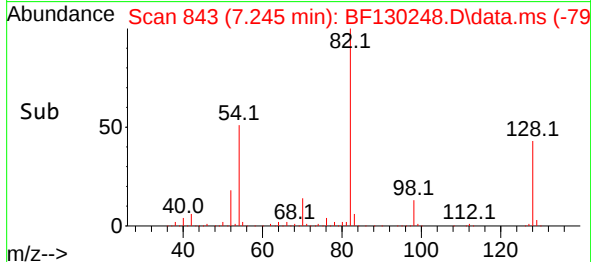
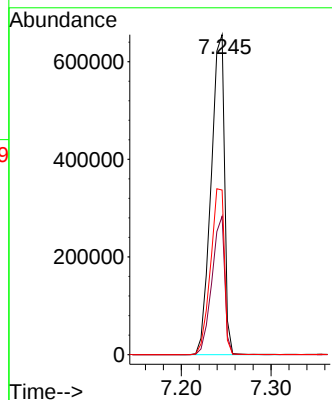
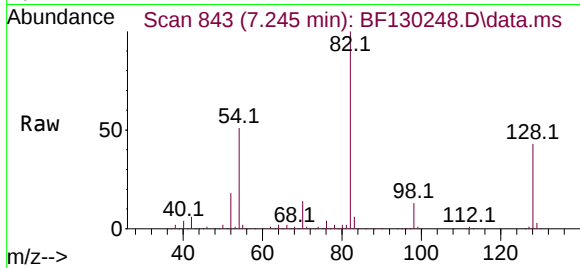




#23
Nitrobenzene-d5
Concen: 87.155 ng
RT: 7.245 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF130248.D
Acq: 14 Sep 2022 19:40

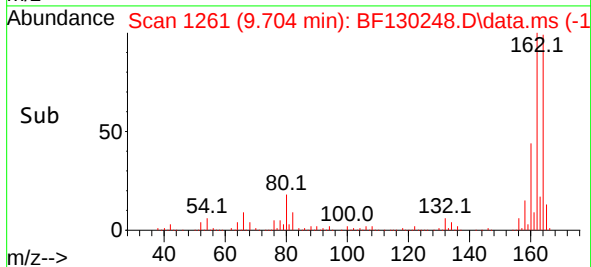
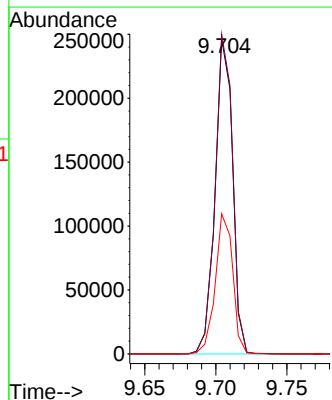
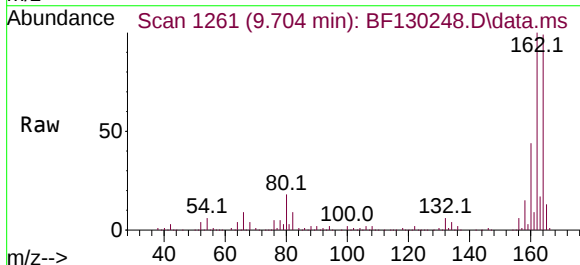
Instrument :
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ClientSampleId :
CHERRY-HILL-COMP-3

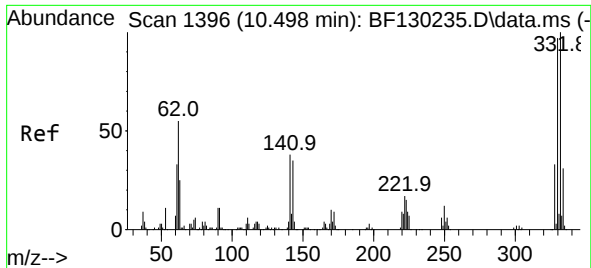
Tgt Ion: 82 Resp: 679412
Ion Ratio Lower Upper
82 100
128 43.2 32.6 49.0
54 51.4 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BF130248.D
Acq: 14 Sep 2022 19:40

Tgt Ion:164 Resp: 211276
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 44.4 36.2 54.4

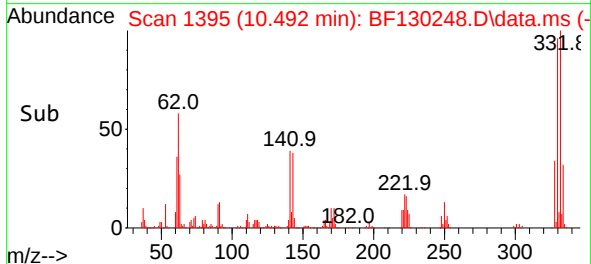
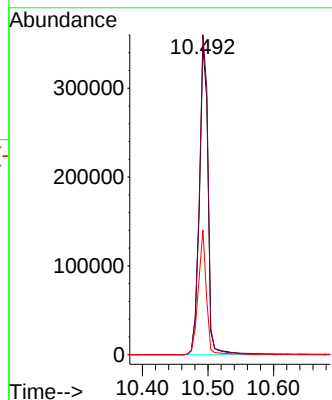
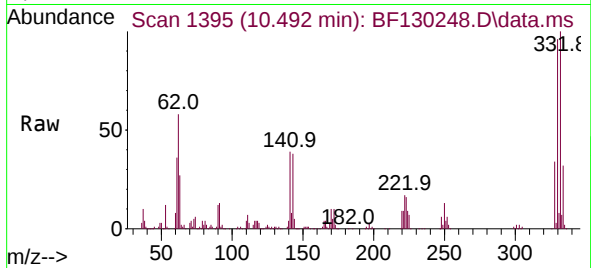




#42
2,4,6-Tribromophenol
Concen: 157.481 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF130248.D
Acq: 14 Sep 2022 19:40

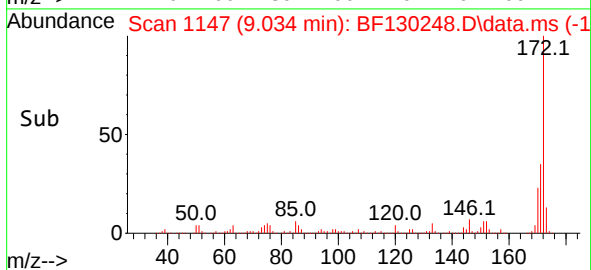
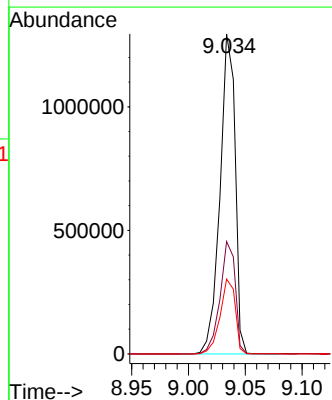
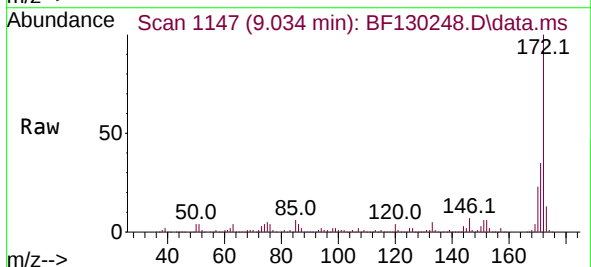
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-3

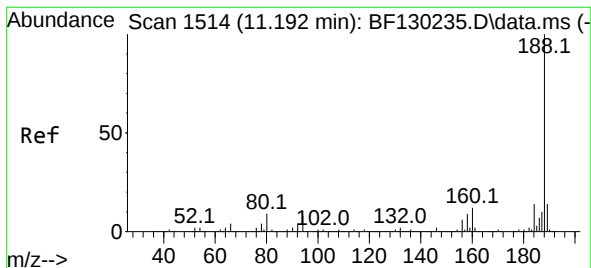
Tgt Ion:330 Resp: 318809
Ion Ratio Lower Upper
330 100
332 103.9 83.4 125.2
141 37.6 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 82.746 ng
RT: 9.034 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF130248.D
Acq: 14 Sep 2022 19:40

Tgt Ion:172 Resp: 1200549
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.186 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130248.D

Acq: 14 Sep 2022 19:40

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-3

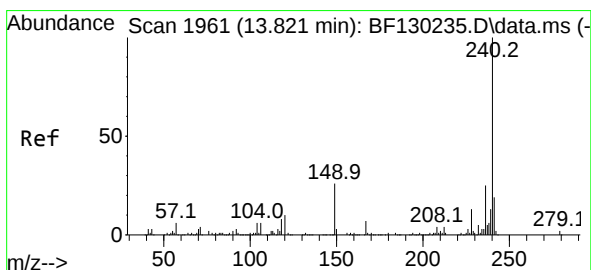
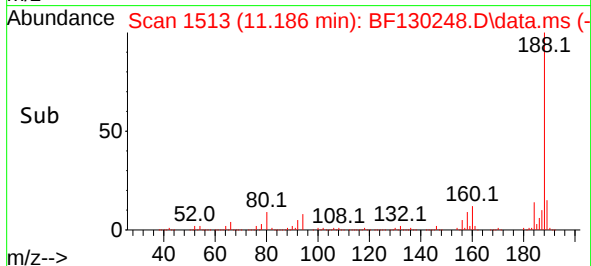
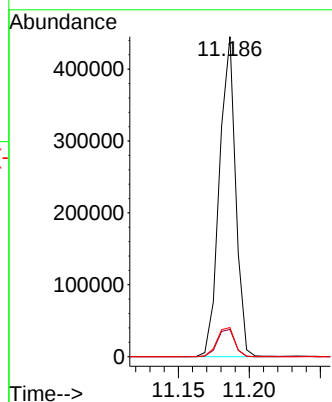
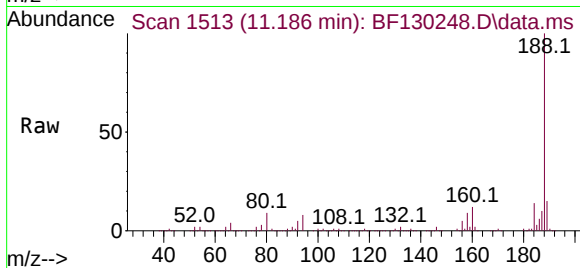
Tgt Ion:188 Resp: 354543

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

80 9.1 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.810 min Scan# 1959

Delta R.T. -0.012 min

Lab File: BF130248.D

Acq: 14 Sep 2022 19:40

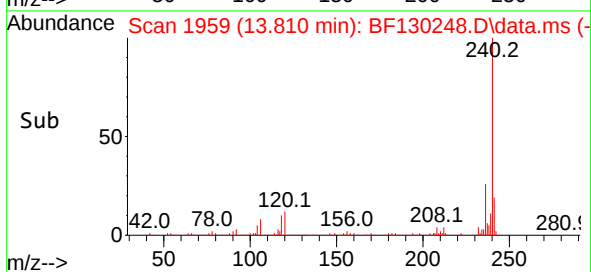
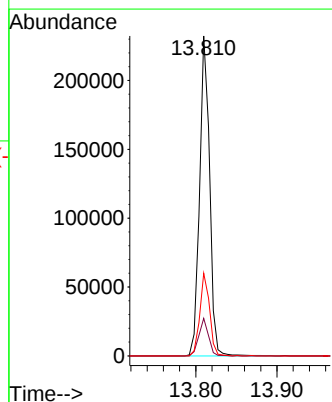
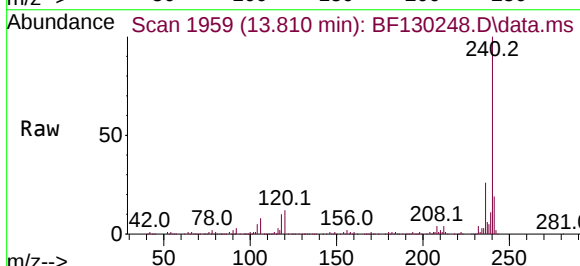
Tgt Ion:240 Resp: 197894

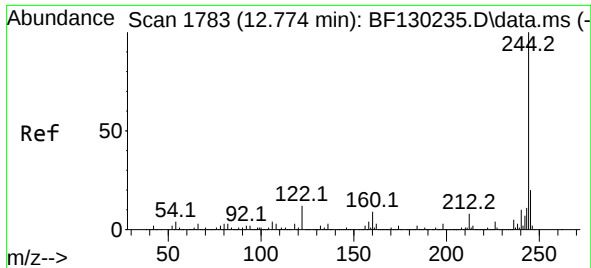
Ion Ratio Lower Upper

240 100

120 11.7 8.7 13.1

236 25.8 20.9 31.3

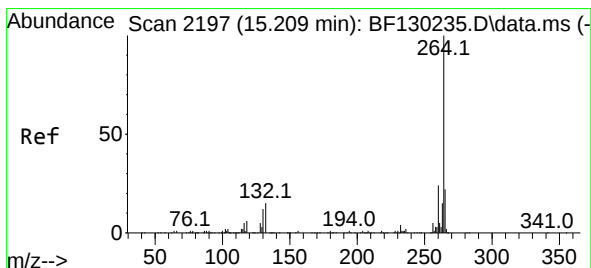
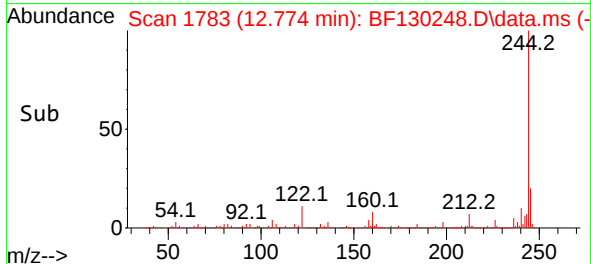
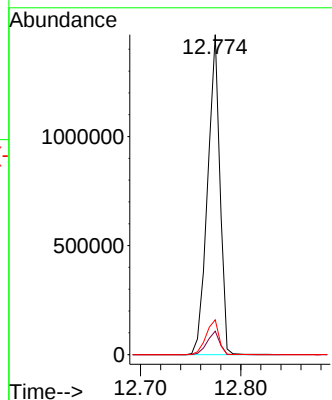
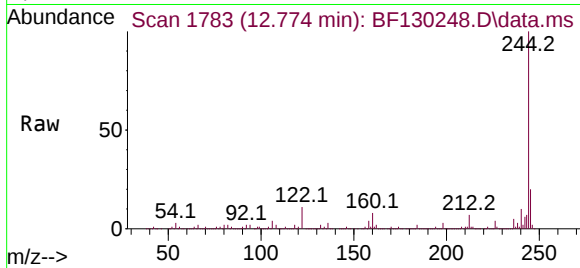




#79
 Terphenyl-d14
 Concen: 104.520 ng
 RT: 12.774 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130248.D
 Acq: 14 Sep 2022 19:40

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-3

Tgt Ion:244 Resp: 1248662
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.9 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.204 min Scan# 2196
 Delta R.T. -0.006 min
 Lab File: BF130248.D
 Acq: 14 Sep 2022 19:40

Tgt Ion:264 Resp: 150833
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 21.1 17.0 25.4

