

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
 Data File : BF134534.D
 Acq On : 29 Jul 2023 01:48
 Operator : CG\JU
 Sample : 03770-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HOWE-1-LP

Quant Time: Jul 29 02:46:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 12:16:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	74296	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	249904	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	101608	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	170315	20.000	ng	0.00
76) Chrysene-d12	14.021	240	121794	20.000	ng	0.00
86) Perylene-d12	15.521	264	96427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	455513	101.297	ng	0.00
7) Phenol-d6	6.475	99	403119	73.168	ng	0.00
23) Nitrobenzene-d5	7.392	82	236404	47.861	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	87012	60.272	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	405056	52.334	ng	0.00
79) Terphenyl-d14	12.951	244	355049	50.889	ng	0.00

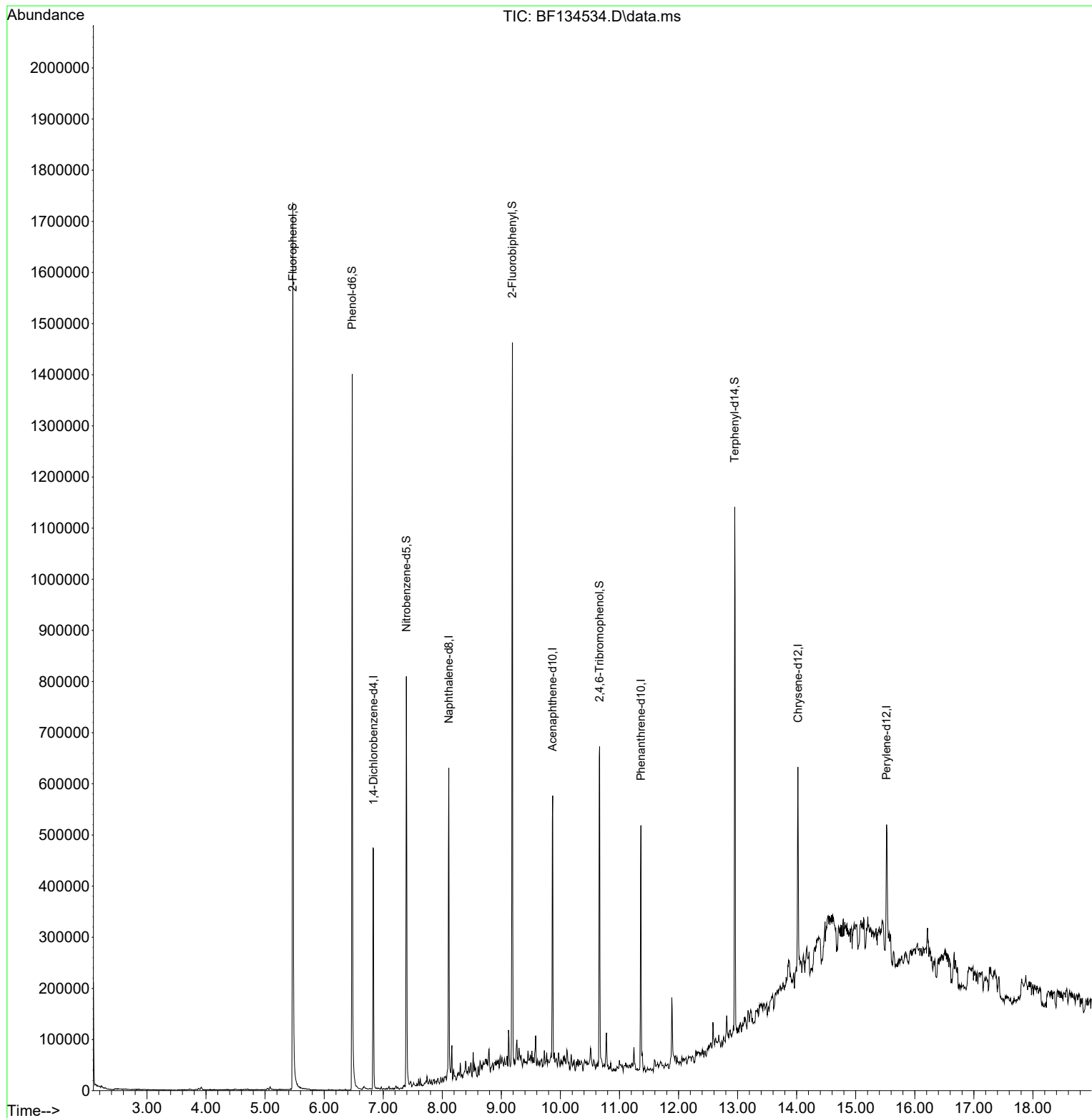
Target Compounds	Qvalue

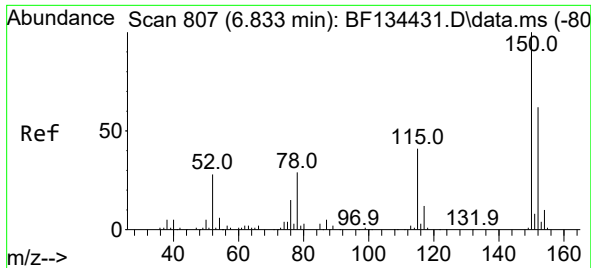
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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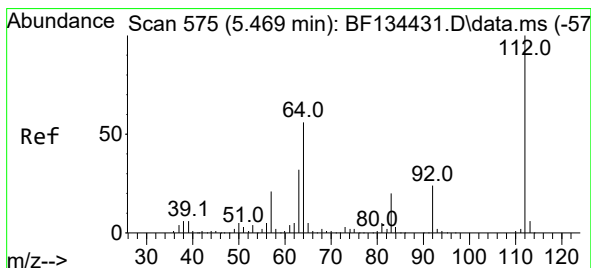
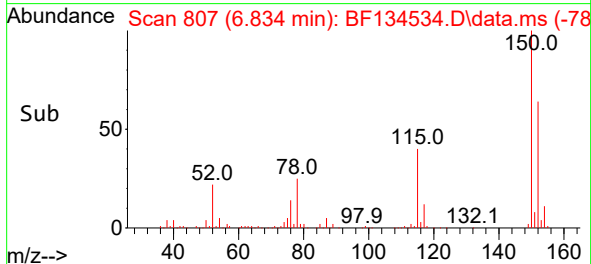
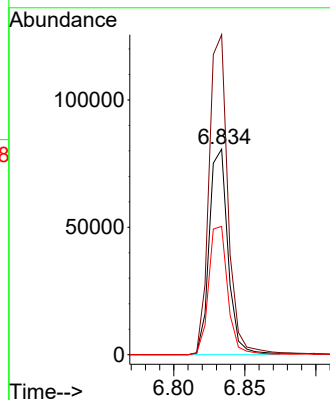
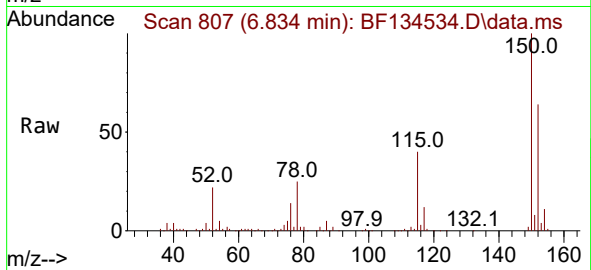




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.006 min
Lab File: BF134534.D
Acq: 29 Jul 2023 01:48

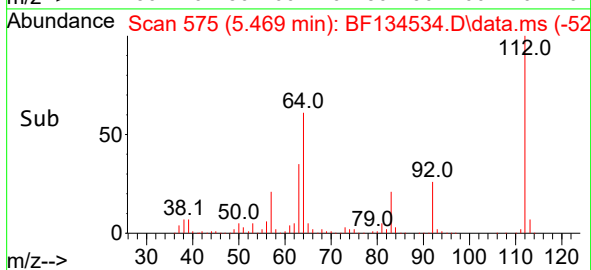
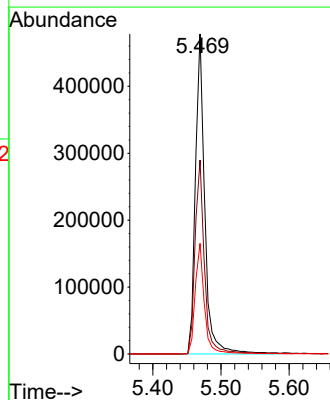
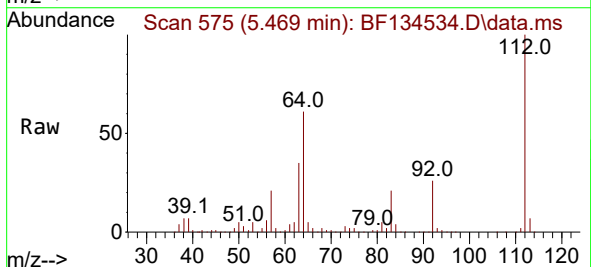
Instrument :
BNA_F
ClientSampleId :
HOWE-1-LP

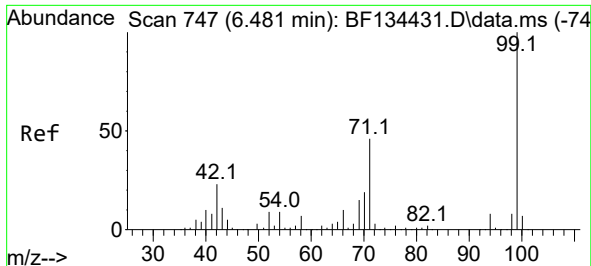
Tgt Ion:152 Resp: 74296
Ion Ratio Lower Upper
152 100
150 155.7 128.3 192.5
115 62.4 52.4 78.6



#5
2-Fluorophenol
Concen: 101.297 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF134534.D
Acq: 29 Jul 2023 01:48

Tgt Ion:112 Resp: 455513
Ion Ratio Lower Upper
112 100
64 60.6 44.9 67.3
63 34.5 25.4 38.0

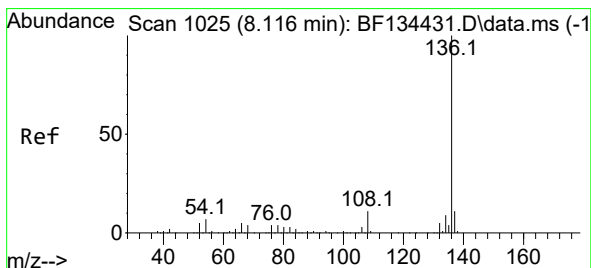
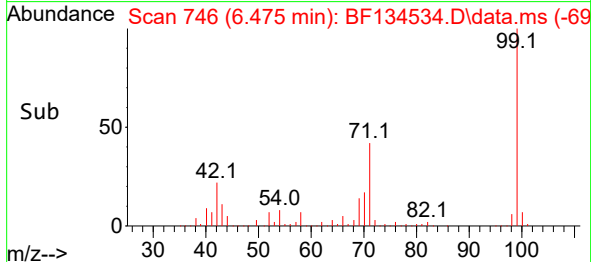
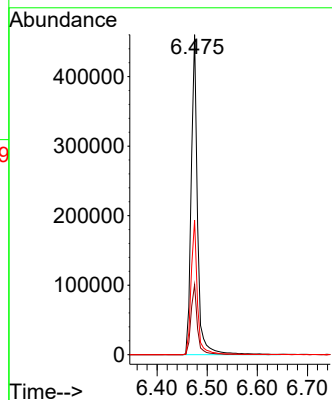
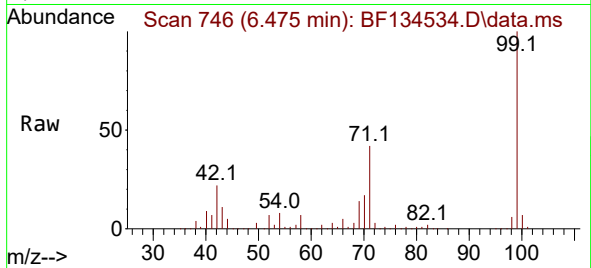




#7
Phenol-d6
Concen: 73.168 ng
RT: 6.475 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134534.D
Acq: 29 Jul 2023 01:48

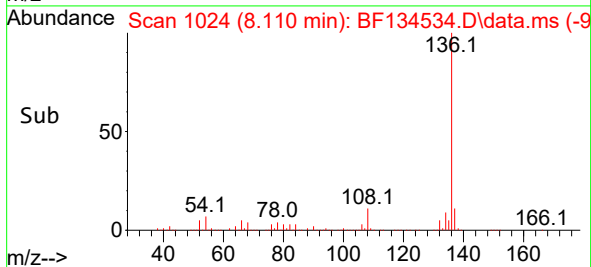
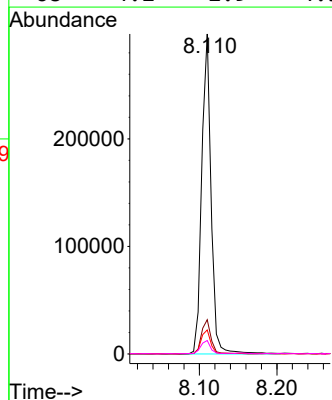
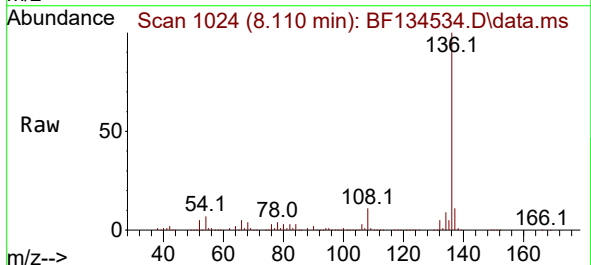
Instrument :
BNA_F
ClientSampleId :
HOWE-1-LP

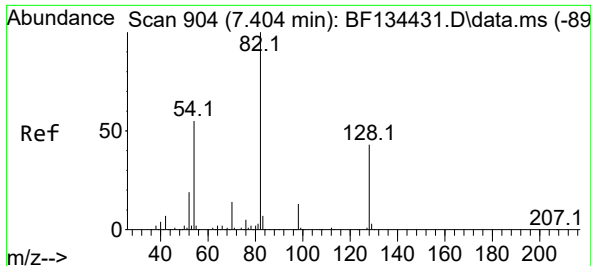
Tgt Ion: 99 Resp: 403119
Ion Ratio Lower Upper
99 100
42 21.9 18.7 28.1
71 42.0 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF134534.D
Acq: 29 Jul 2023 01:48

Tgt Ion: 136 Resp: 249904
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.5 5.2 7.8
68 4.2 2.9 4.3





#23

Nitrobenzene-d5

Concen: 47.861 ng

RT: 7.392 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF134534.D

Acq: 29 Jul 2023 01:48

Instrument :

BNA_F

ClientSampleId :

HOWE-1-LP

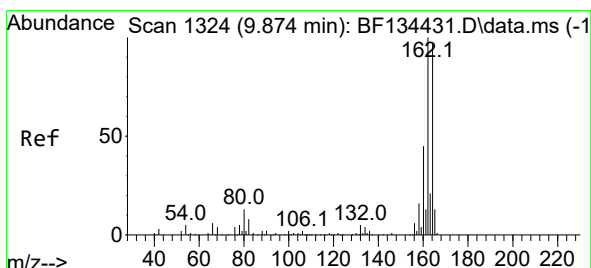
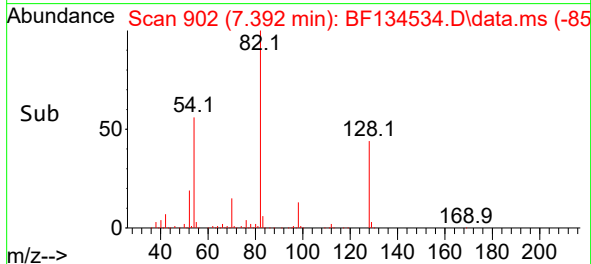
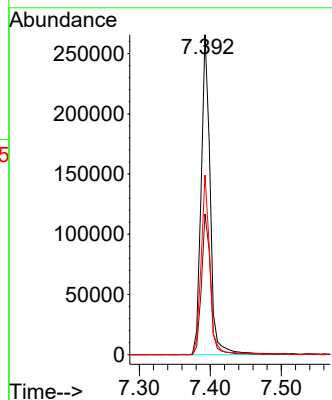
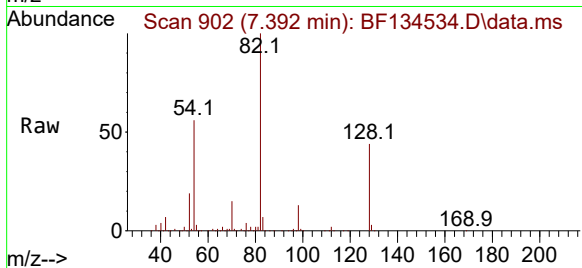
Tgt Ion: 82 Resp: 236404

Ion Ratio Lower Upper

82 100

128 43.9 34.3 51.5

54 56.2 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. 0.006 min

Lab File: BF134534.D

Acq: 29 Jul 2023 01:48

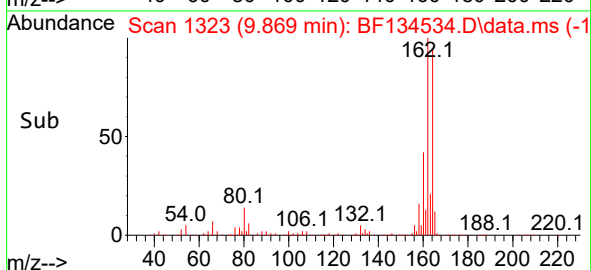
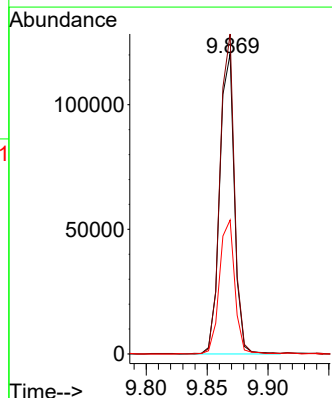
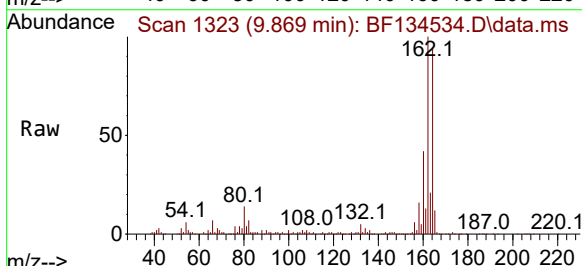
Tgt Ion: 164 Resp: 101608

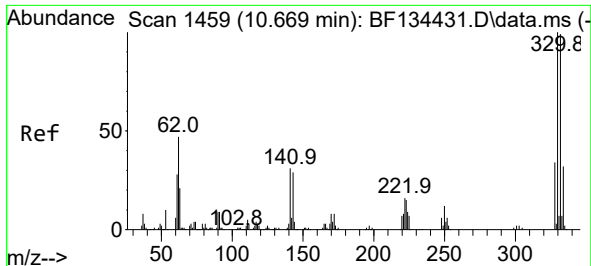
Ion Ratio Lower Upper

164 100

162 106.6 82.6 123.8

160 44.6 37.2 55.8

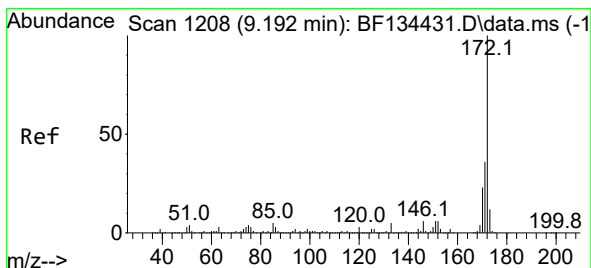
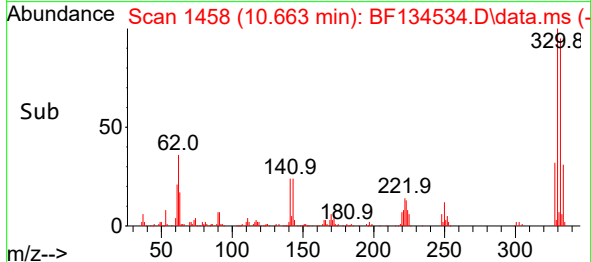
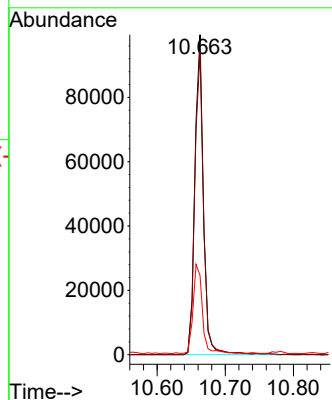
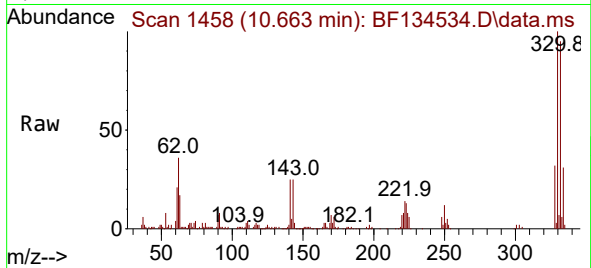




#42
2,4,6-Tribromophenol
Concen: 60.272 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF134534.D
Acq: 29 Jul 2023 01:48

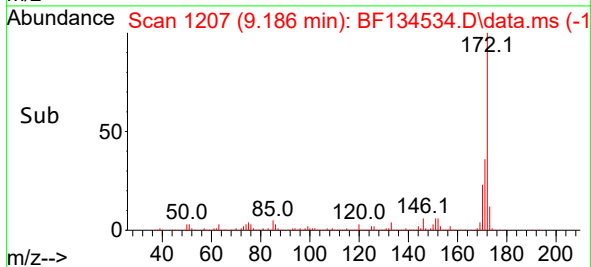
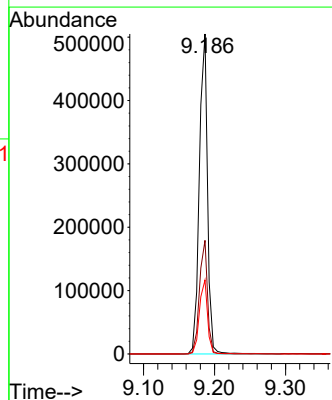
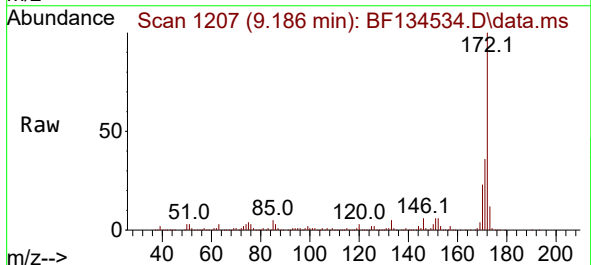
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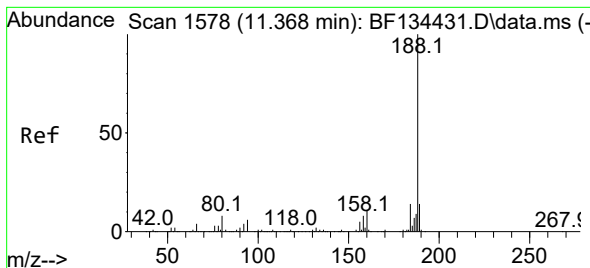
Tgt Ion: 330 Resp: 87012
Ion Ratio Lower Upper
330 100
332 95.8 78.8 118.2
141 30.5 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 52.334 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF134534.D
Acq: 29 Jul 2023 01:48

Tgt Ion: 172 Resp: 405056
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.1 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134534.D

Acq: 29 Jul 2023 01:48

Instrument :

BNA_F

ClientSampleId :

HOWE-1-LP

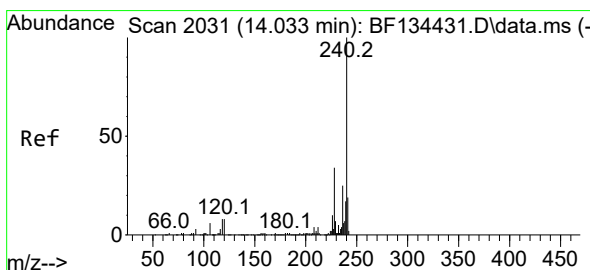
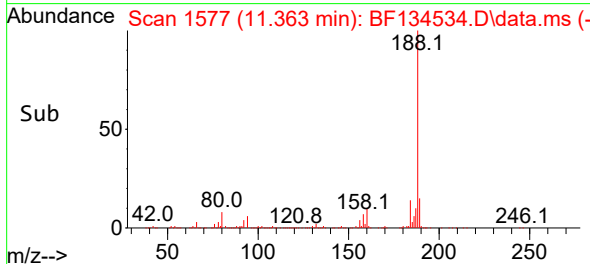
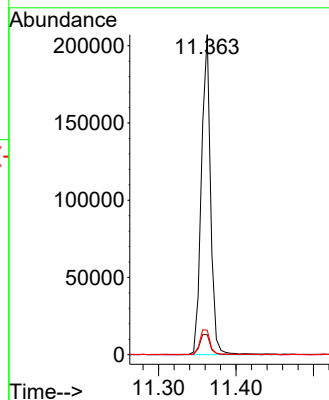
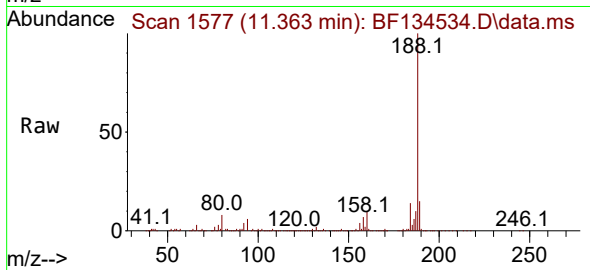
Tgt Ion:188 Resp: 170315

Ion Ratio Lower Upper

188 100

94 6.3 5.1 7.7

80 7.7 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF134534.D

Acq: 29 Jul 2023 01:48

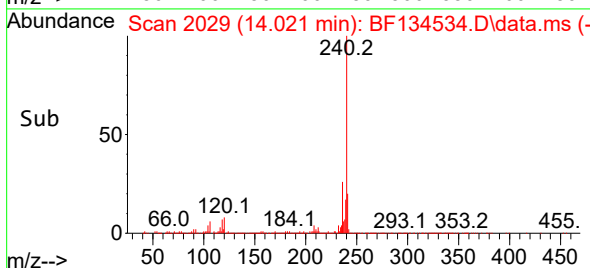
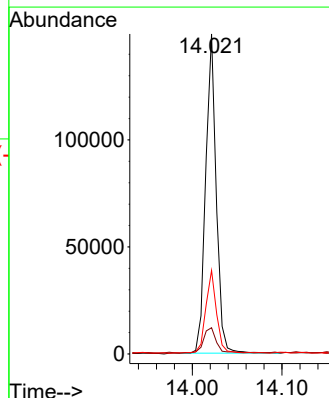
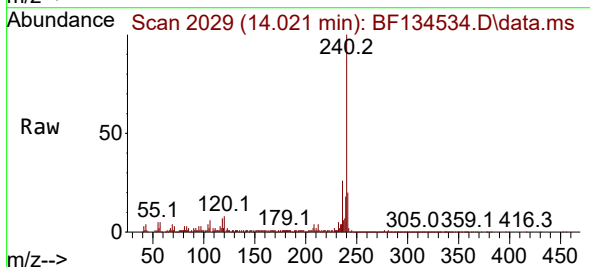
Tgt Ion:240 Resp: 121794

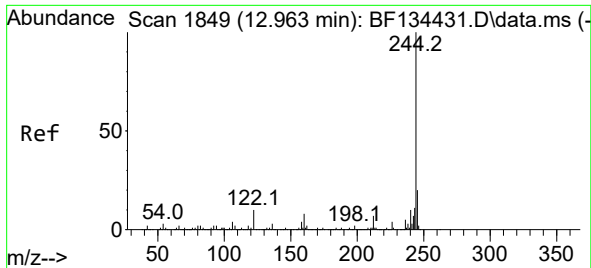
Ion Ratio Lower Upper

240 100

120 8.2 6.6 10.0

236 26.1 20.2 30.2

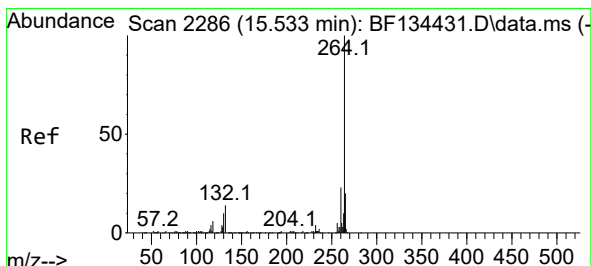
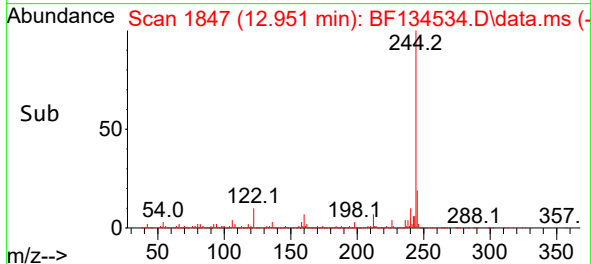
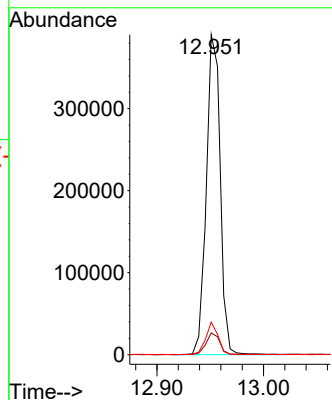
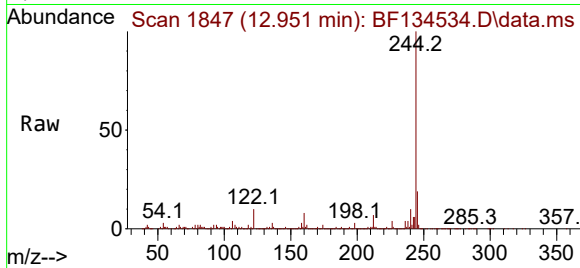




#79
 Terphenyl-d14
 Concen: 50.889 ng
 RT: 12.951 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF134534.D
 Acq: 29 Jul 2023 01:48

Instrument :
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Tgt Ion:244 Resp: 355049
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.1 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. 0.006 min
 Lab File: BF134534.D
 Acq: 29 Jul 2023 01:48

Tgt Ion:264 Resp: 96427
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 22.6 15.8 23.8

