

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)

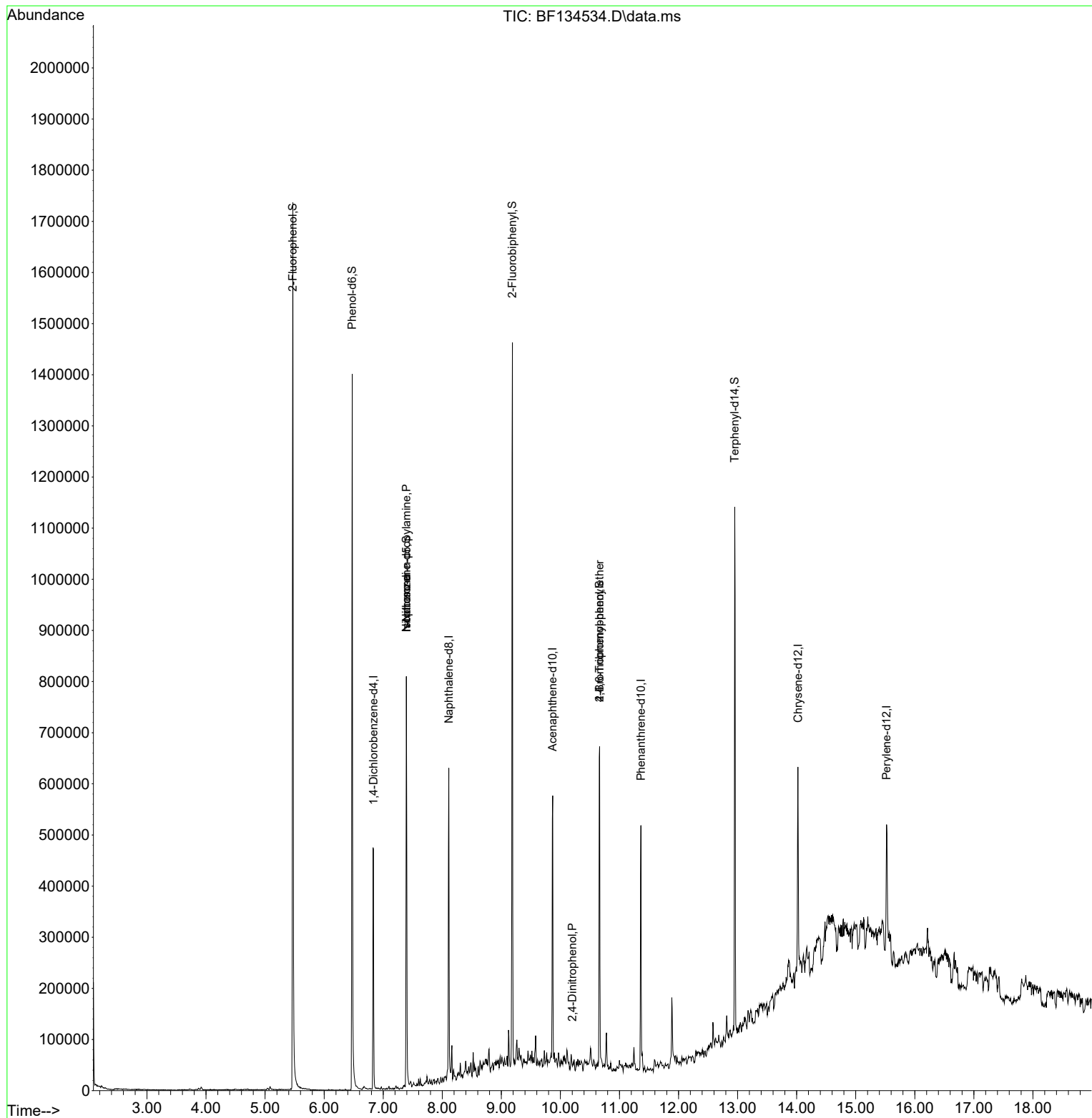
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	74296	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	249904	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	101608	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	170315	20.000	ng	0.00
76) Chrysene-d12	14.021	240	121794	20.000	ng	0.00
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	7.392	70	32732	9.543	ng	# 73
25) Isophorone	7.392	82	236321	28.708	ng	# 65
54) 2,4-Dinitrophenol	10.204	184	58	6.630	ng	# 23
67) 4-Bromophenyl-phenylether	10.663	248	5546	2.972	ng	# 1

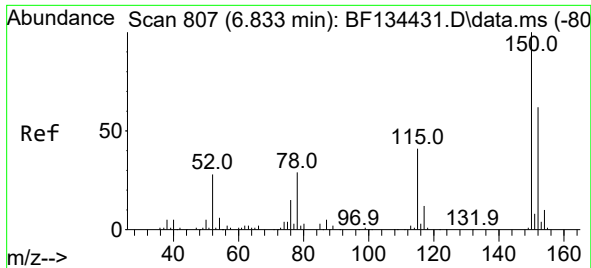
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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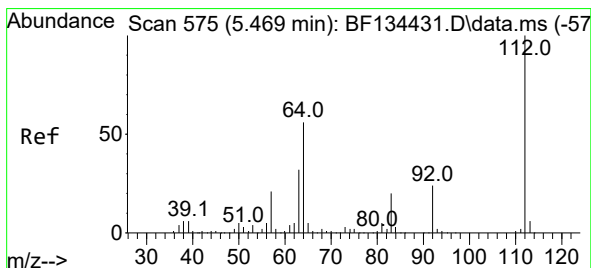
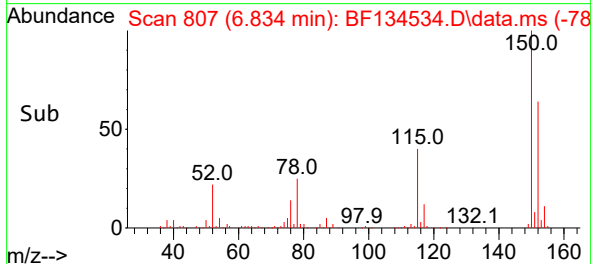
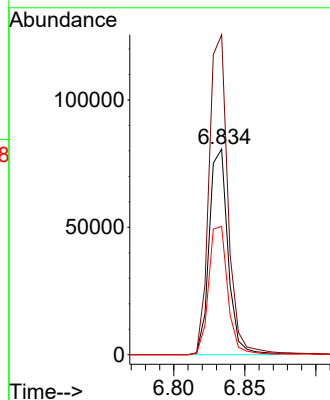
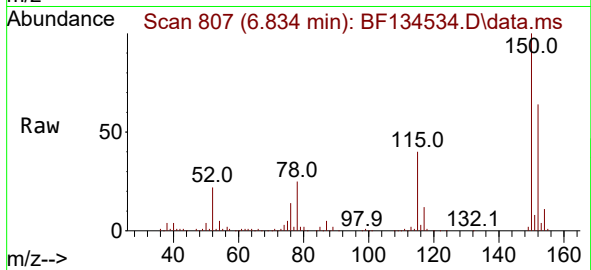




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.006 min
Lab File: BF134534.D
Acq: 29 Jul 2023 01:48

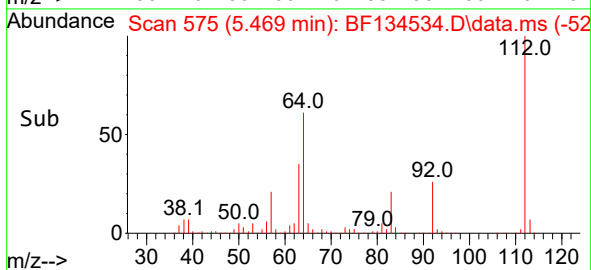
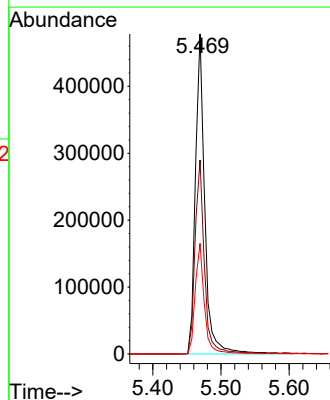
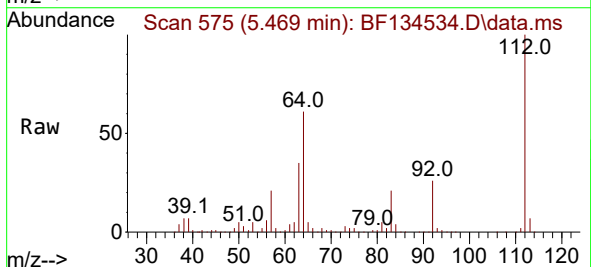
Instrument :
BNA_F
ClientSampleId :
HOWE-1-LP

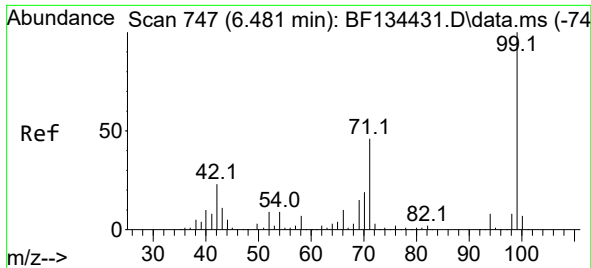
Tgt Ion:152 Resp: 74296
Ion Ratio Lower Upper
152 100
150 155.7 128.3 192.5
115 62.4 52.4 78.6



#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

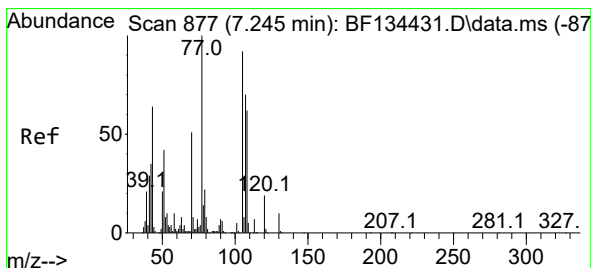
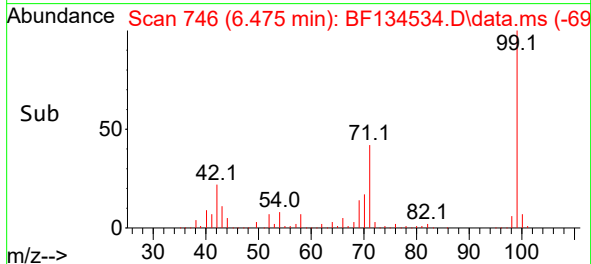
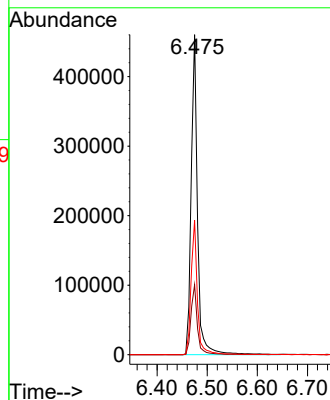
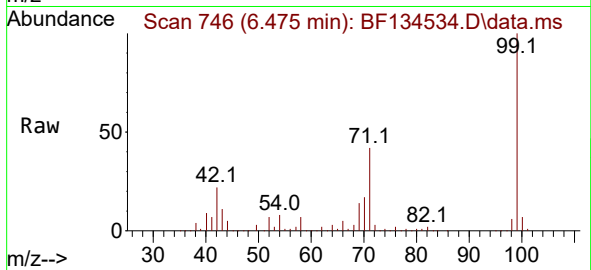




#7
Phenol-d6
Concen: 73.168 ng
RT: 6.475 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134534.D
Acq: 29 Jul 2023 01:48

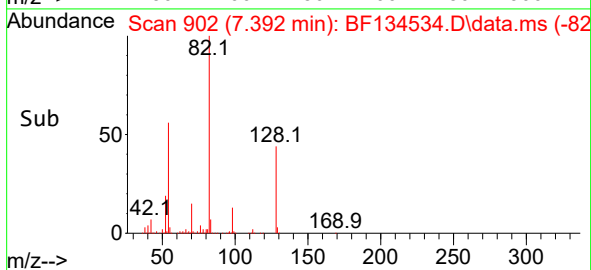
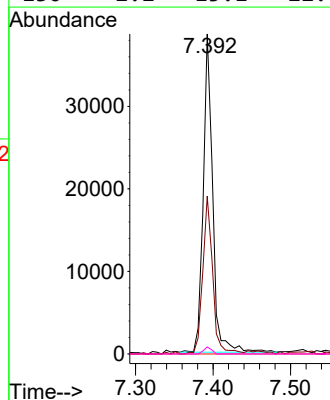
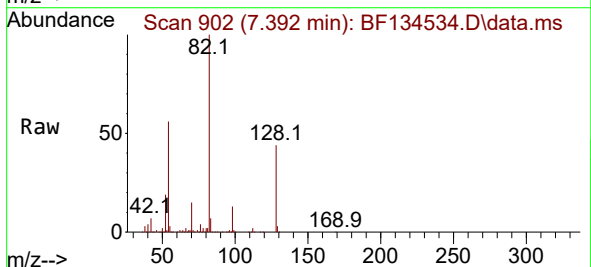
Instrument :
BNA_F
ClientSampleId :
HOWE-1-LP

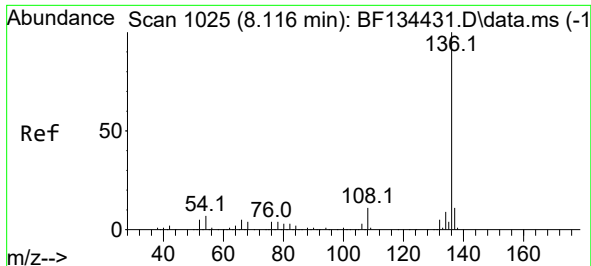
Tgt Ion: 99 Resp: 403119
Ion Ratio Lower Upper
99 100
42 21.9 18.7 28.1
71 42.0 36.4 54.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.543 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.153 min
Lab File: BF134534.D
Acq: 29 Jul 2023 01:48

Tgt Ion: 70 Resp: 32732
Ion Ratio Lower Upper
70 100
42 49.3 54.7 82.1#
101 0.0 8.2 12.2#
130 2.2 15.1 22.7#

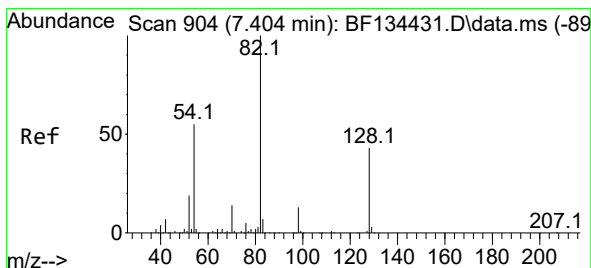
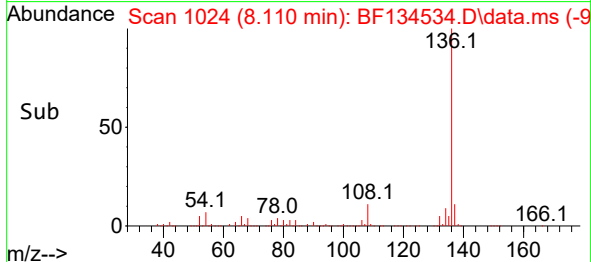
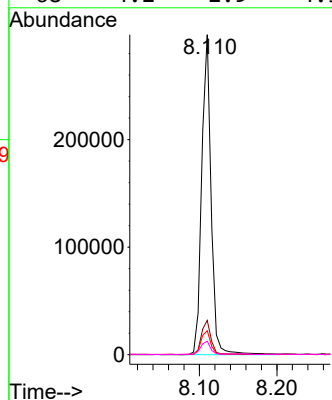
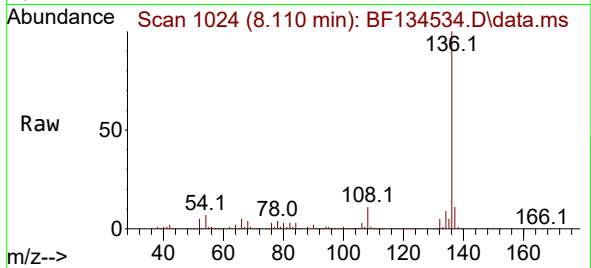




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1025
Delta R.T. 0.006 min
Lab File: BF134534.D
Acq: 29 Jul 2023 01:48

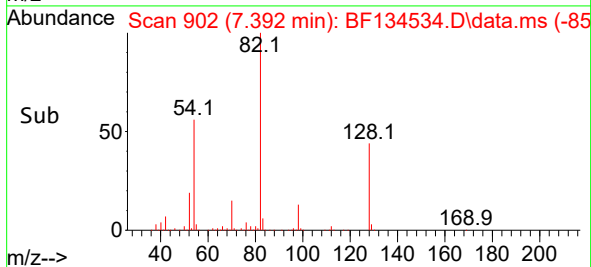
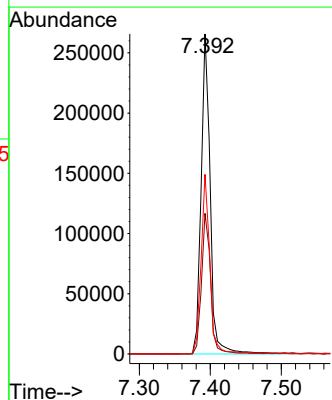
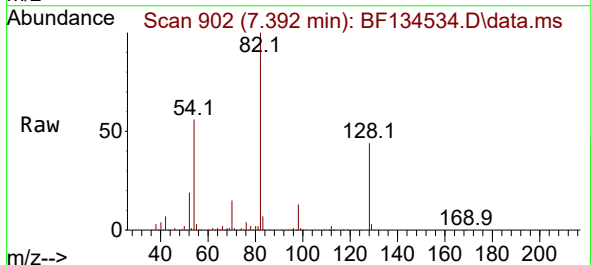
Instrument :
BNA_F
ClientSampleId :
HOWE-1-LP

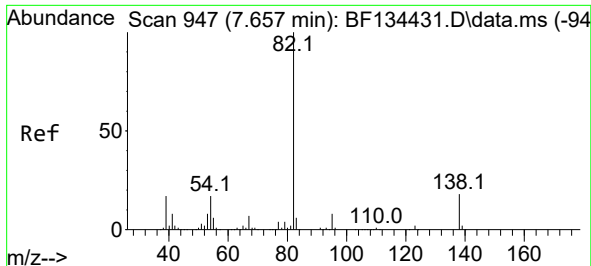
Tgt Ion:	136	Resp:	249904
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.5	5.2	7.8
68	4.2	2.9	4.3



#23
Nitrobenzene-d5
Concen: 47.861 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF134534.D
Acq: 29 Jul 2023 01:48

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

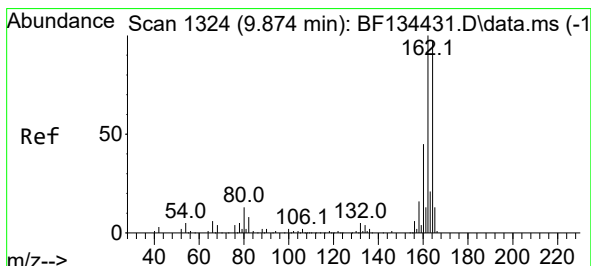
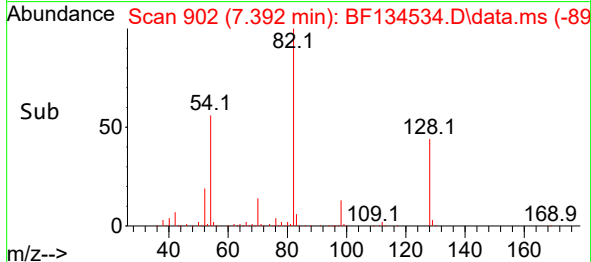
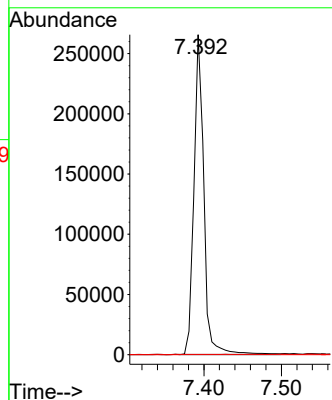
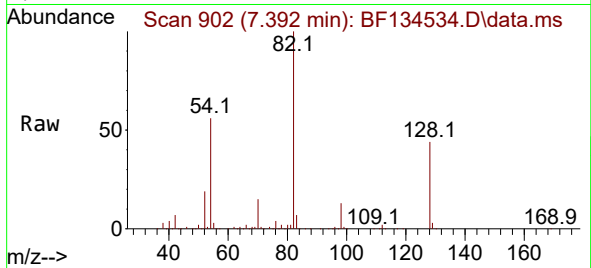




#25
Isophorone
Concen: 28.708 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134534.D
Acq: 29 Jul 2023 01:48

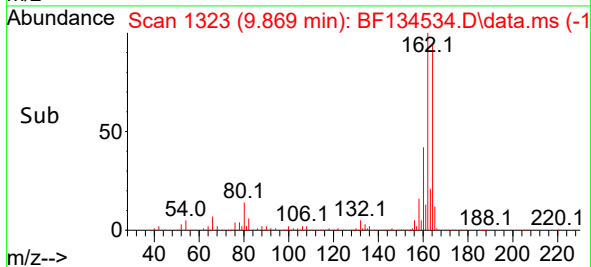
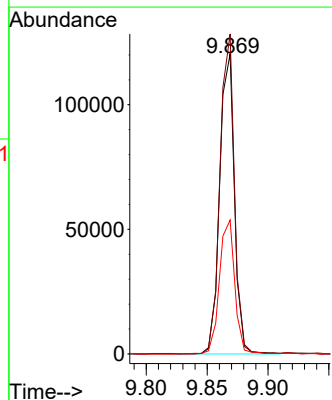
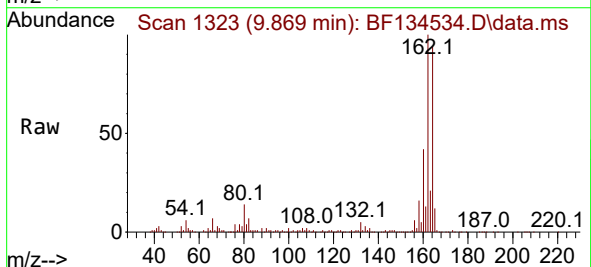
Instrument :
BNA_F
ClientSampleId :
HOWE-1-LP

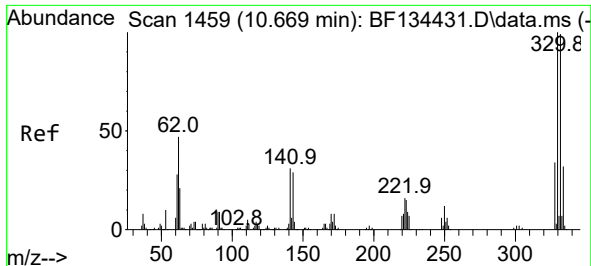
Tgt Ion: 82 Resp: 236321
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 14.6 22.0#



#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# 1459

Delta R.T. 0.000 min

Lab File: BF134534.D

Acq: 29 Jul 2023 01:48

Instrument :

BNA_F

ClientSampleId :

HOWE-1-LP

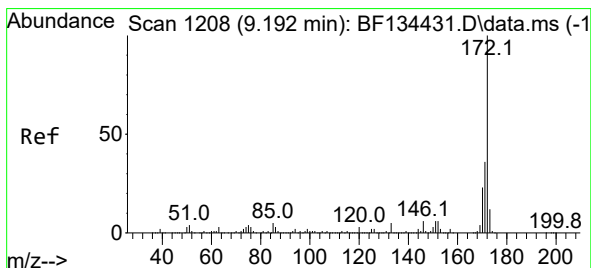
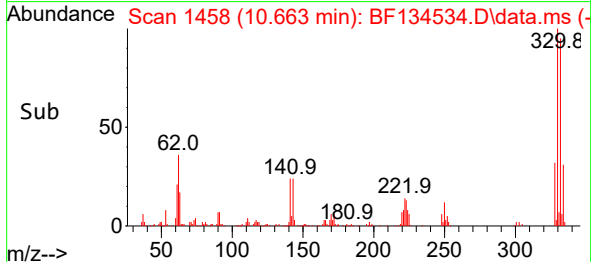
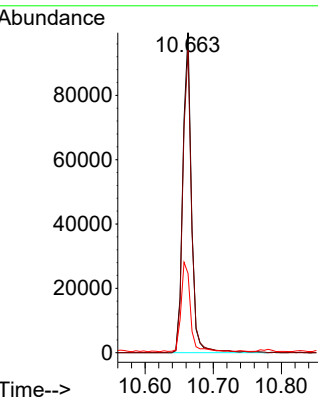
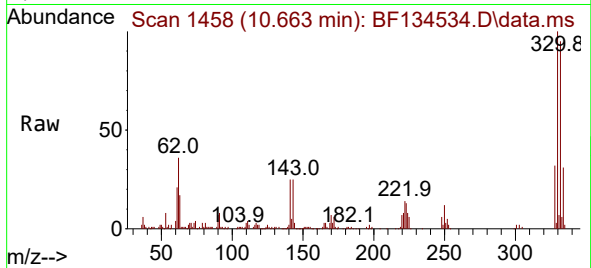
Tgt Ion:330 Resp: 87012

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

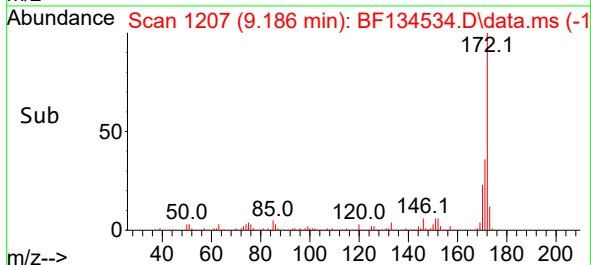
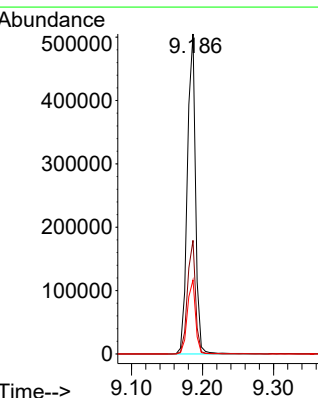
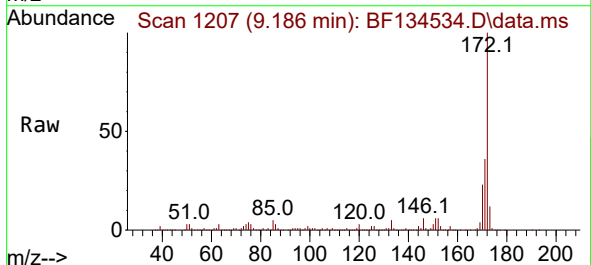
Tgt Ion:172 Resp: 405056

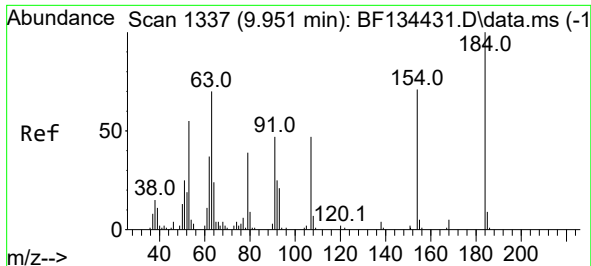
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.1 18.7 28.1

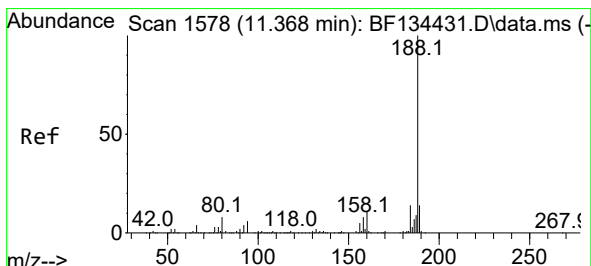
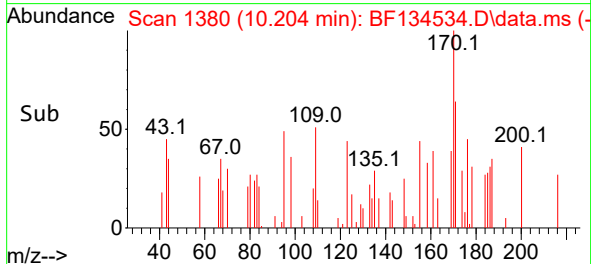
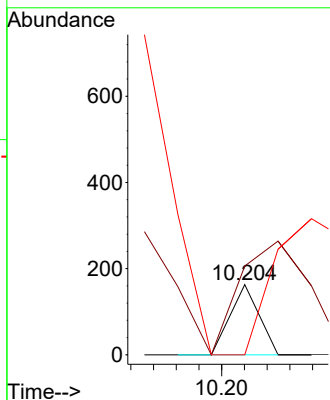
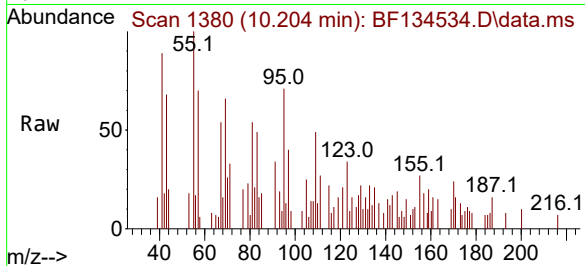




#54
2,4-Dinitrophenol
Concen: 6.630 ng
RT: 10.204 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF134534.D
Acq: 29 Jul 2023 01:48

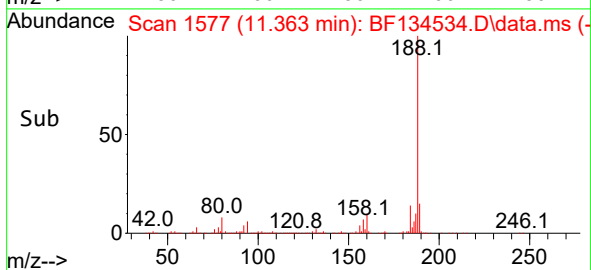
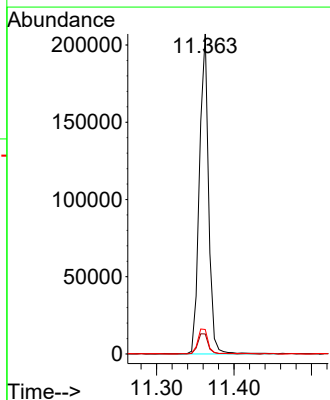
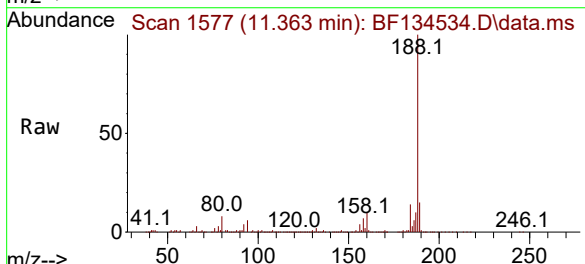
Instrument :
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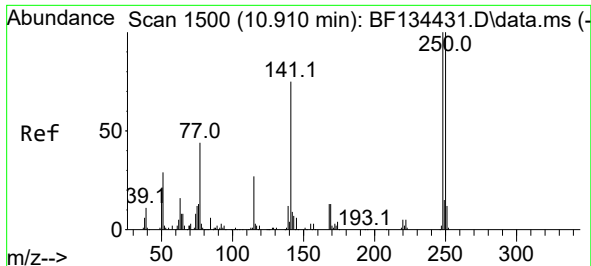
Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 126.4 57.1 85.7#
154 0.0 59.1 88.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF134534.D
Acq: 29 Jul 2023 01:48

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





#67

4-Bromophenyl-phenylether

Concen: 2.972 ng

RT: 10.663 min Scan# 14

Delta R.T. -0.235 min

Lab File: BF134534.D

Acq: 29 Jul 2023 01:48

Instrument :

BNA_F

ClientSampleId :

HOWE-1-LP

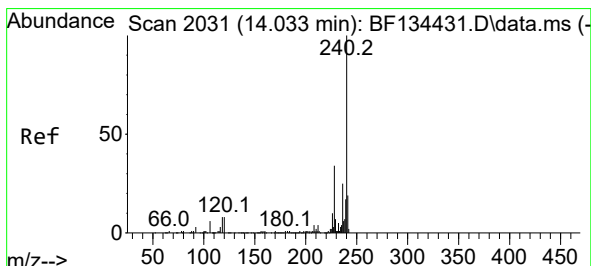
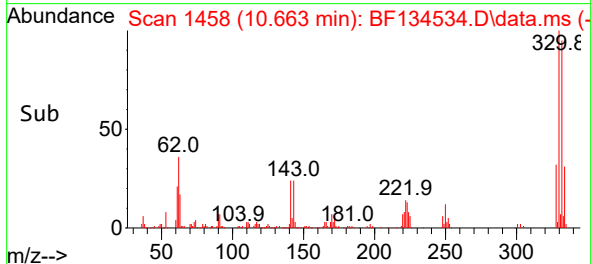
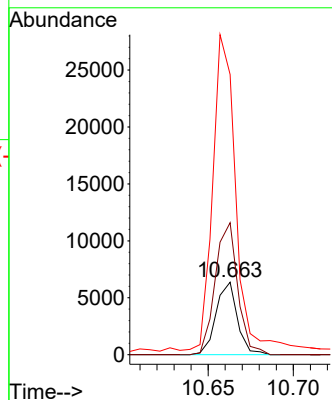
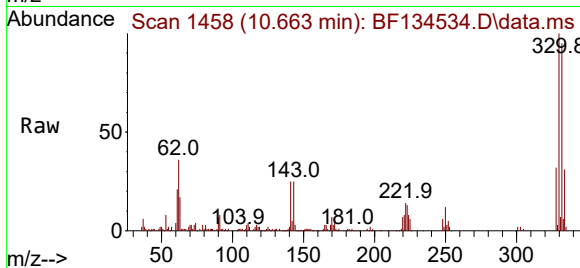
Tgt Ion:248 Resp: 5546

Ion Ratio Lower Upper

248 100

250 182.1 79.6 119.4#

141 386.7 59.6 89.4#



#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

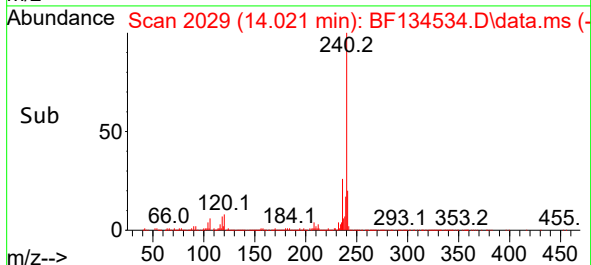
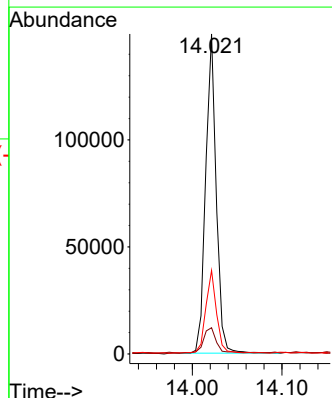
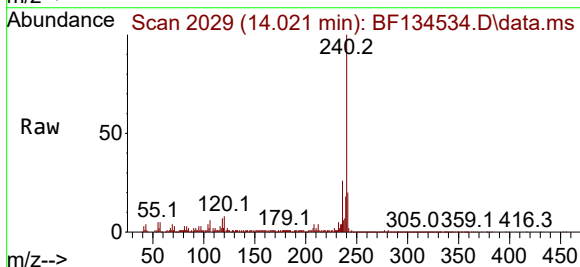
Tgt Ion:240 Resp: 121794

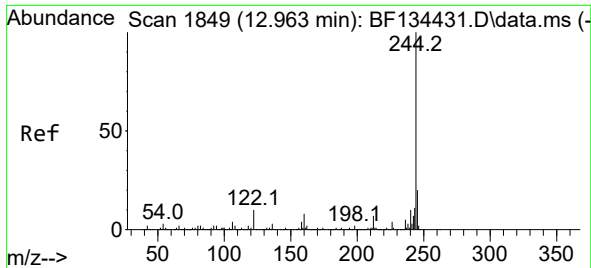
Ion Ratio Lower Upper

240 100

120 8.2 6.6 10.0

236 26.1 20.2 30.2

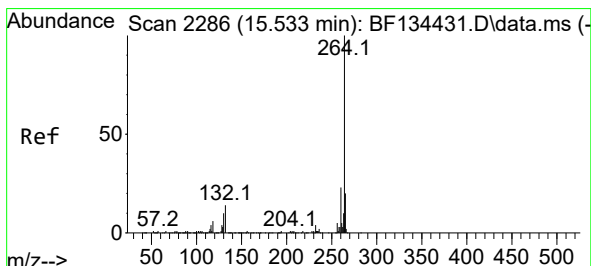
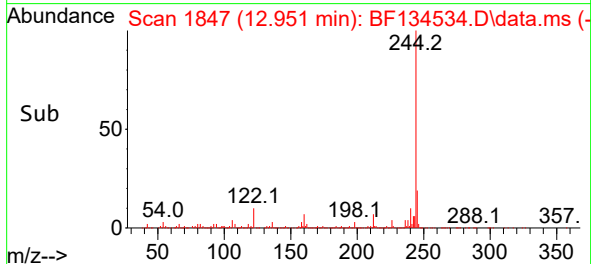
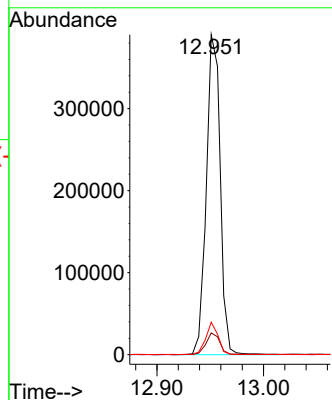
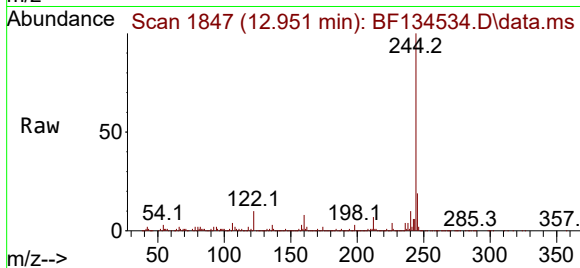




#79
Terphenyl-d14
Concen: 50.889 ng
RT: 12.951 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF134534.D
Acq: 29 Jul 2023 01:48

Instrument :
BNA_F
ClientSampleId :
HOWE-1-LP

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

