

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134442.D
 Acq On : 24 Jul 2023 22:17
 Operator : CG\JU
 Sample : 03670-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N48909

Quant Time: Jul 25 02:54:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

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

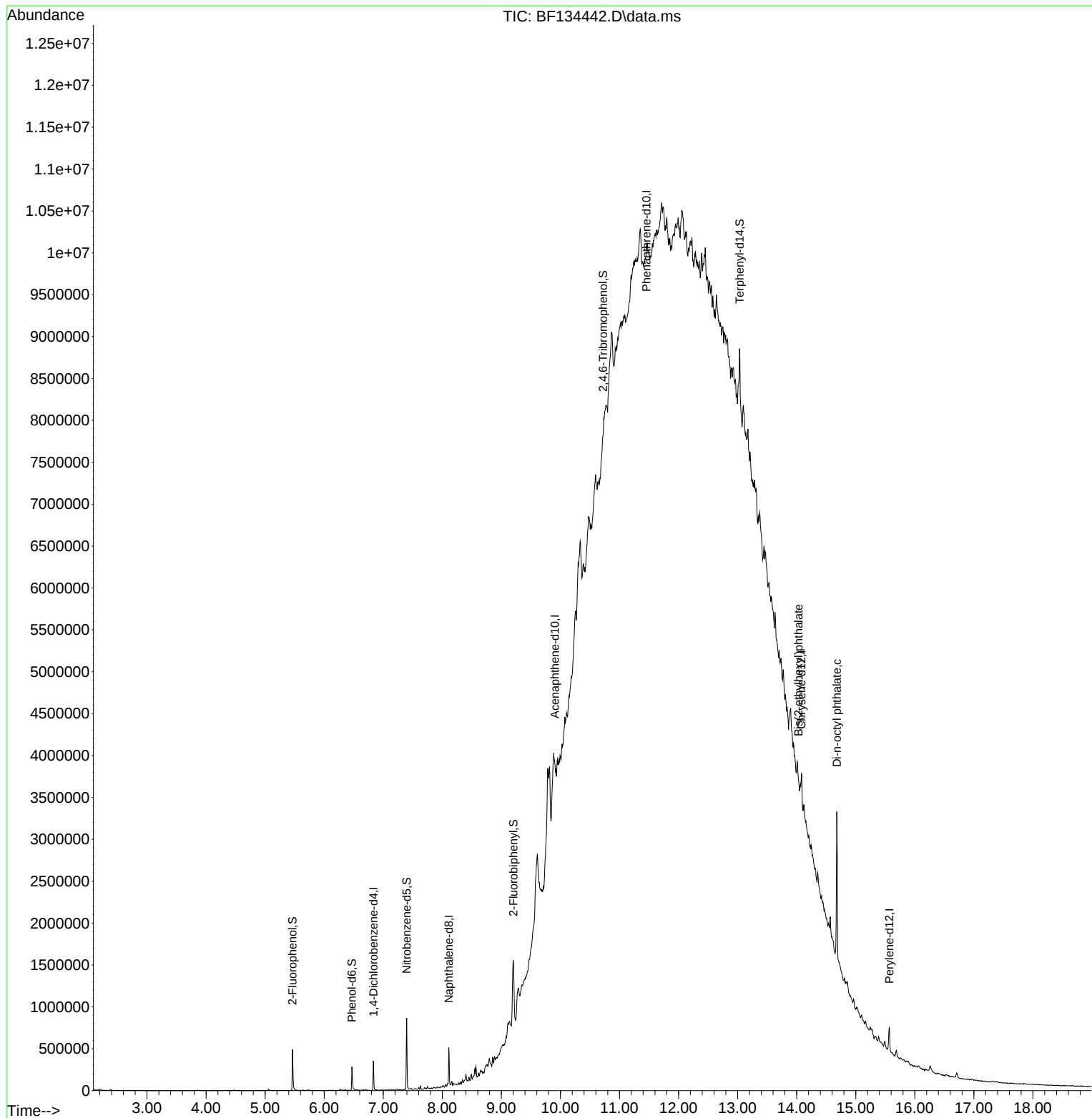
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	48353	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	177659	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	77268	20.000	ng	0.03
64) Phenanthrene-d10	11.457	188	102320	20.000	ng	# 0.09
76) Chrysene-d12	14.080	240	129452	20.000	ng	# 0.05
86) Perylene-d12	15.568	264	135494	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	134802	46.061	ng	0.00
7) Phenol-d6	6.469	99	94941	26.478	ng	-0.01
23) Nitrobenzene-d5	7.398	82	239469	68.197	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	117946	107.435	ng	0.05
45) 2-Fluorobiphenyl	9.204	172	450847	76.599	ng	0.01
79) Terphenyl-d14	13.033	244	447582	60.357	ng	0.07
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.033	149	29152	5.820	ng	# 65
85) Di-n-octyl phthalate	14.680	149	183509	26.363	ng	# 51

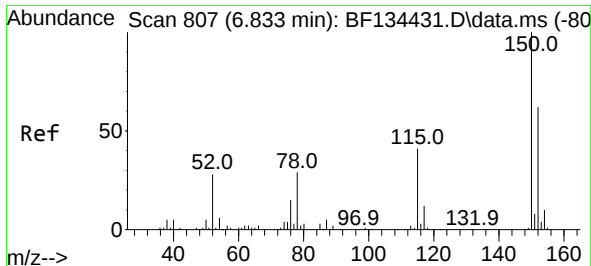
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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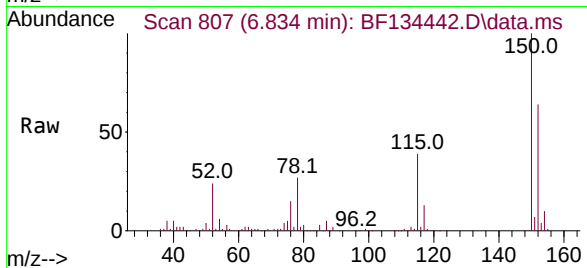
Quant Time: Jul 25 02:54:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
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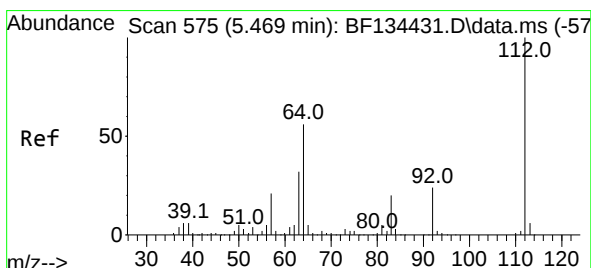
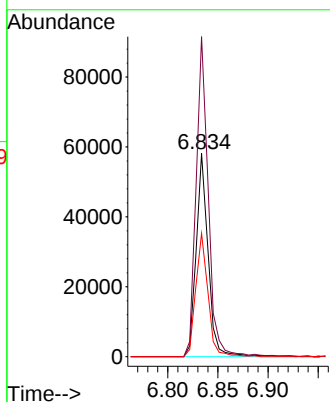
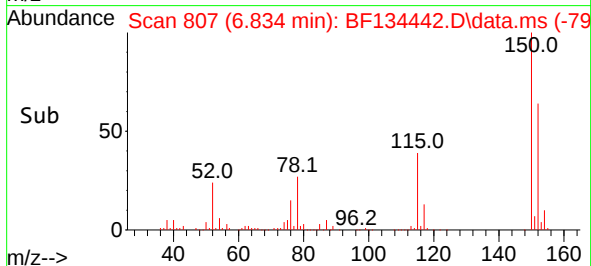


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. 0.001 min
Lab File: BF134442.D
Acq: 24 Jul 2023 22:17

Instrument :
BNA_F
ClientSampleId :
N48909

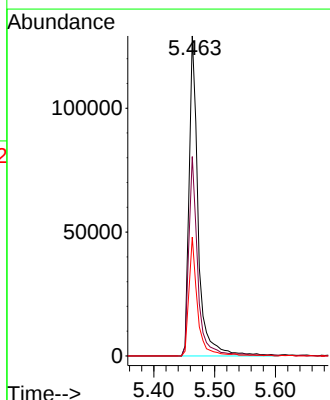
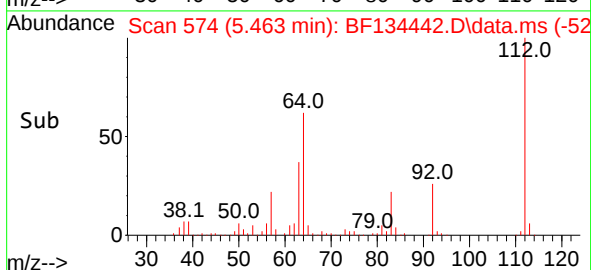
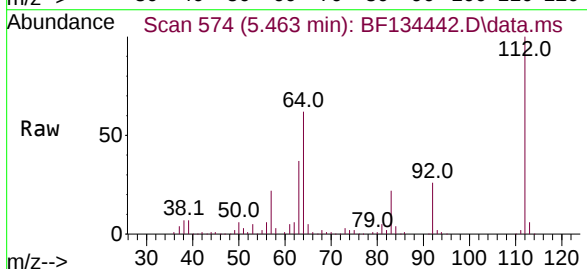


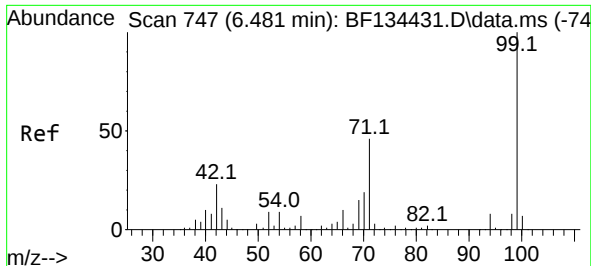
Tgt Ion:152 Resp: 48353
Ion Ratio Lower Upper
152 100
150 157.4 128.3 192.5
115 60.6 52.4 78.6



#5
2-Fluorophenol
Concen: 46.061 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.006 min
Lab File: BF134442.D
Acq: 24 Jul 2023 22:17

Tgt Ion:112 Resp: 134802
Ion Ratio Lower Upper
112 100
64 62.3 44.9 67.3
63 37.1 25.4 38.0

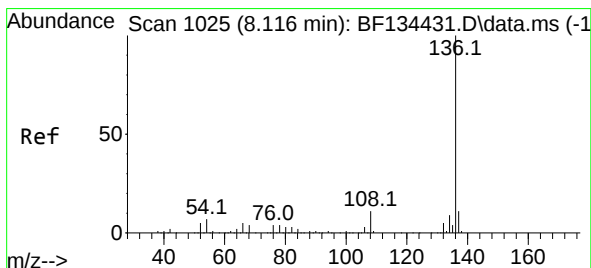
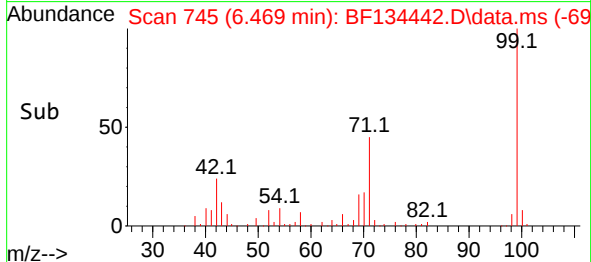
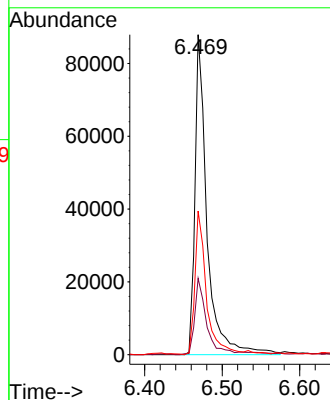
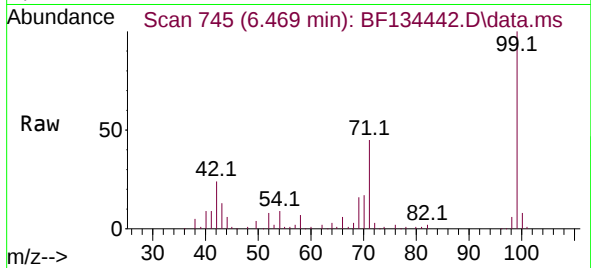




#7
Phenol-d6
Concen: 26.478 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134442.D
Acq: 24 Jul 2023 22:17

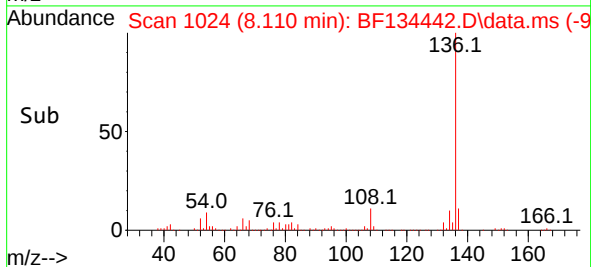
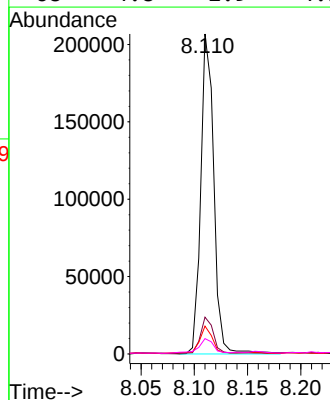
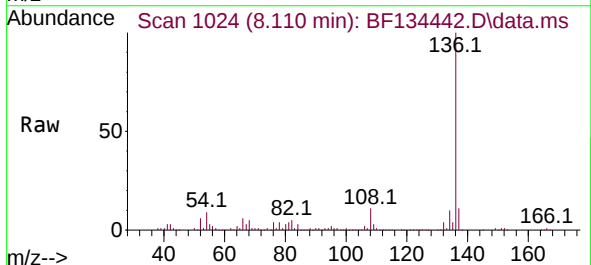
Instrument :
BNA_F
ClientSampleId :
N48909

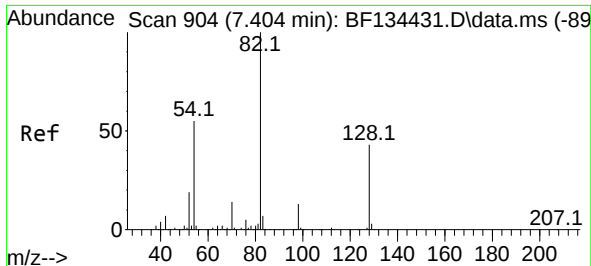
Tgt Ion: 99 Resp: 94941
Ion Ratio Lower Upper
99 100
42 23.8 18.7 28.1
71 44.9 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF134442.D
Acq: 24 Jul 2023 22:17

Tgt Ion:136 Resp: 177659
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 8.7 5.2 7.8#
68 4.8 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 68.197 ng

RT: 7.398 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF134442.D

Acq: 24 Jul 2023 22:17

Instrument :

BNA_F

ClientSampleId :

N48909

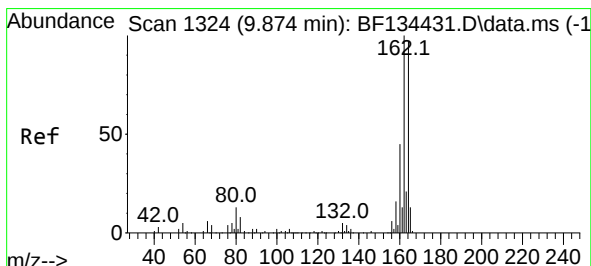
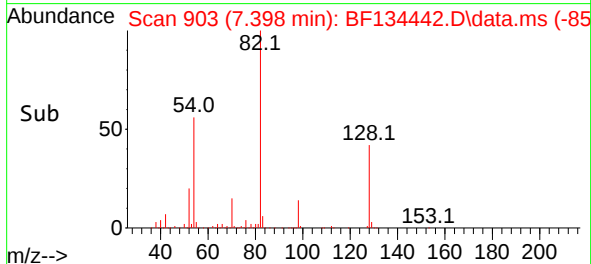
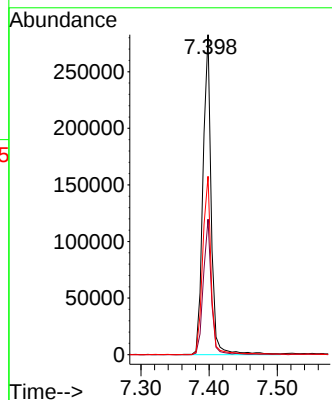
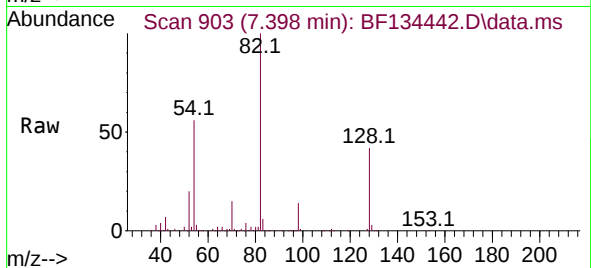
Tgt Ion: 82 Resp: 239469

Ion Ratio Lower Upper

82 100

128 42.4 34.3 51.5

54 55.8 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.030 min

Lab File: BF134442.D

Acq: 24 Jul 2023 22:17

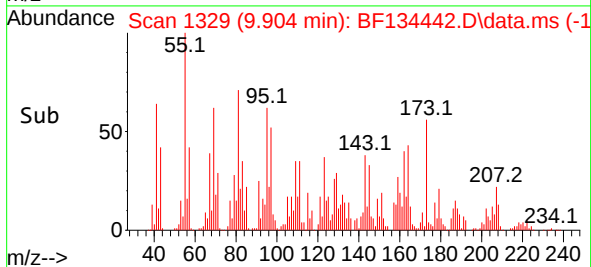
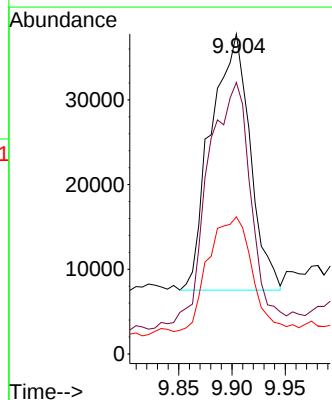
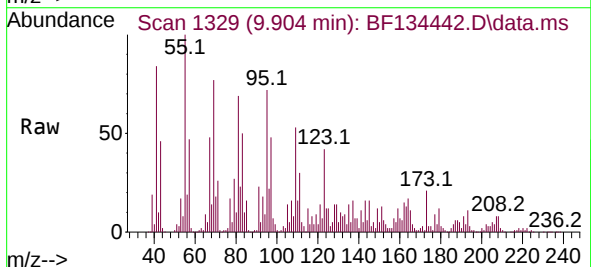
Tgt Ion: 164 Resp: 77268

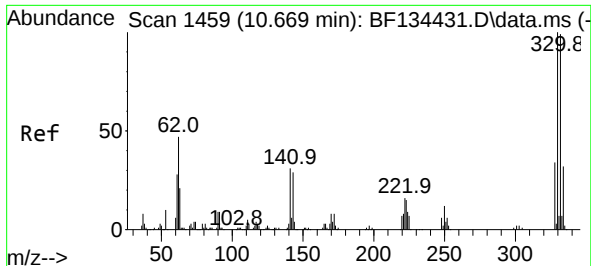
Ion Ratio Lower Upper

164 100

162 84.8 82.6 123.8

160 42.8 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 107.435 ng

RT: 10.722 min Scan# 1459

Delta R.T. 0.053 min

Lab File: BF134442.D

Acq: 24 Jul 2023 22:17

Instrument :

BNA_F

ClientSampleId :

N48909

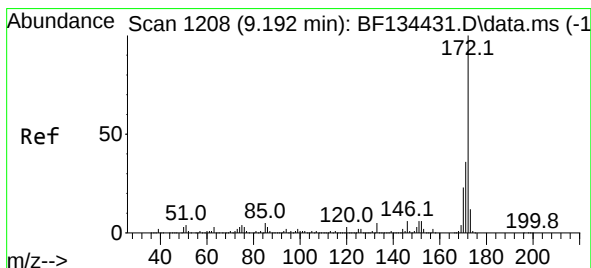
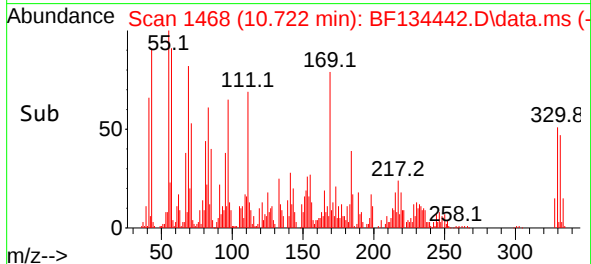
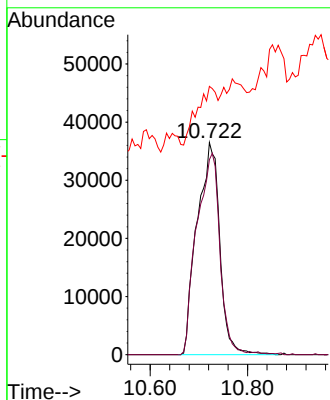
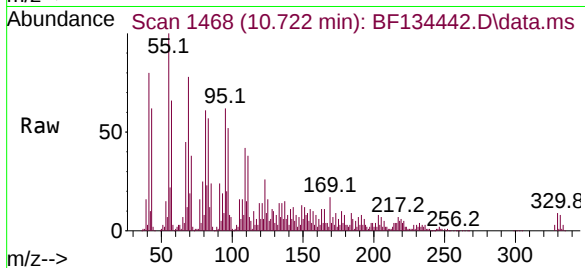
Tgt Ion:330 Resp: 117946

Ion Ratio Lower Upper

330 100

332 96.4 78.8 118.2

141 24.4 25.4 38.2#



#45

2-Fluorobiphenyl

Concen: 76.599 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.012 min

Lab File: BF134442.D

Acq: 24 Jul 2023 22:17

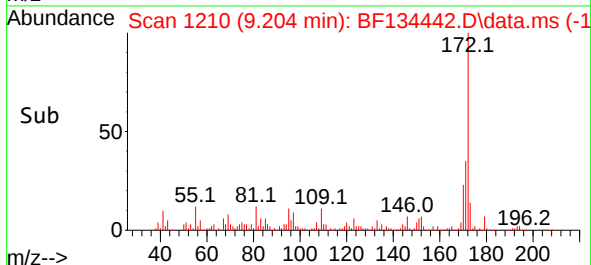
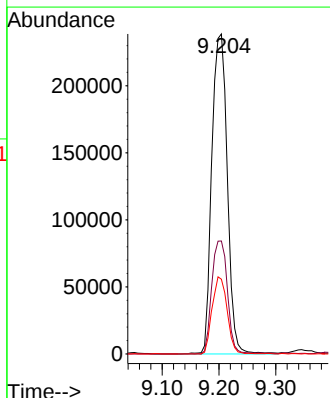
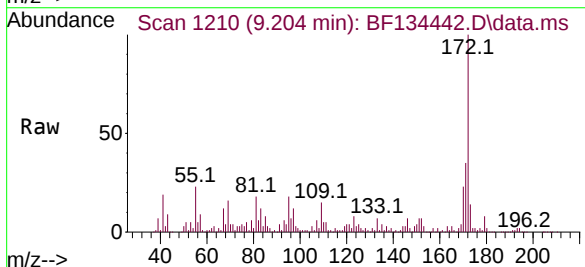
Tgt Ion:172 Resp: 450847

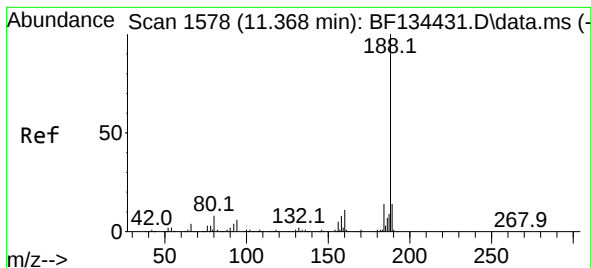
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.457 min Scan# 1

Delta R.T. 0.088 min

Lab File: BF134442.D

Acq: 24 Jul 2023 22:17

Instrument :

BNA_F

ClientSampleId :

N48909

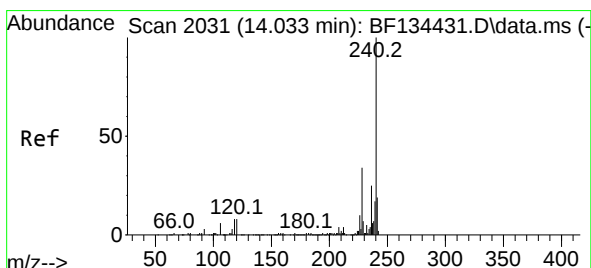
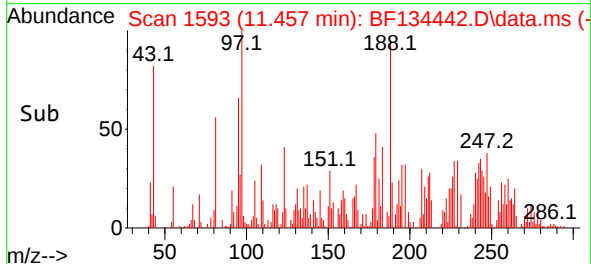
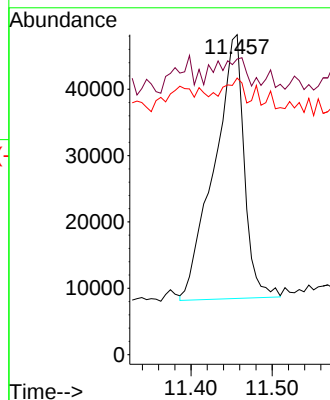
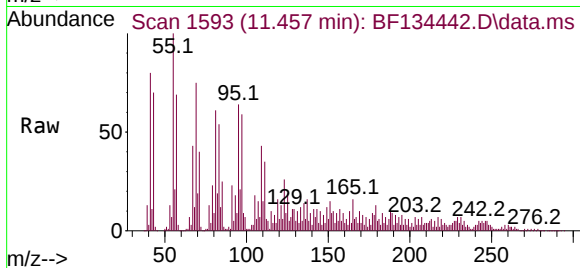
Tgt Ion:188 Resp: 102320

Ion Ratio Lower Upper

188 100

94 92.4 5.1 7.7#

80 86.5 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.047 min

Lab File: BF134442.D

Acq: 24 Jul 2023 22:17

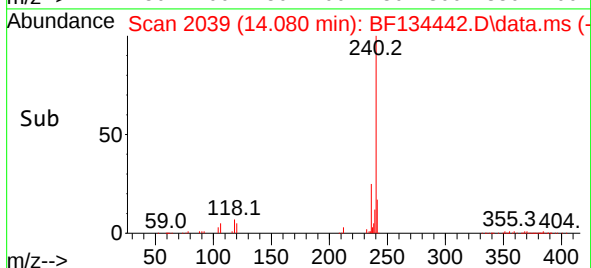
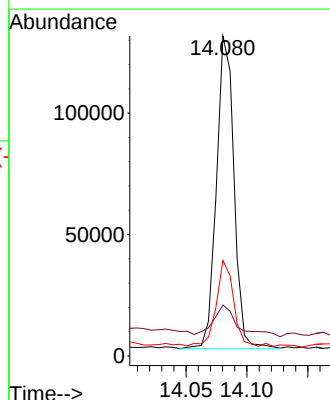
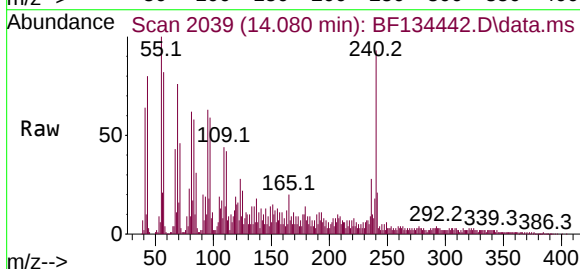
Tgt Ion:240 Resp: 129452

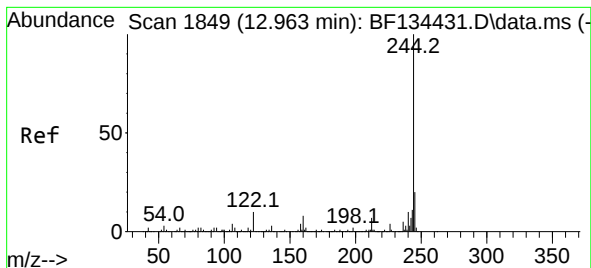
Ion Ratio Lower Upper

240 100

120 16.0 6.6 10.0#

236 29.9 20.2 30.2





#79

Terphenyl-d14

Concen: 60.357 ng

RT: 13.033 min Scan# 1

Delta R.T. 0.071 min

Lab File: BF134442.D

Acq: 24 Jul 2023 22:17

Instrument :

BNA_F

ClientSampleId :

N48909

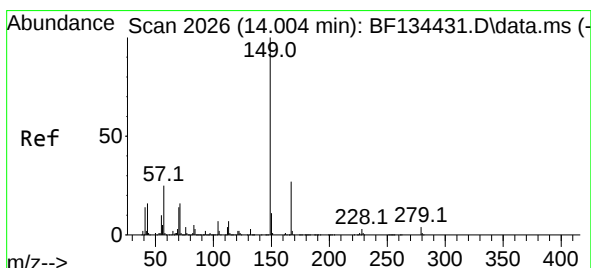
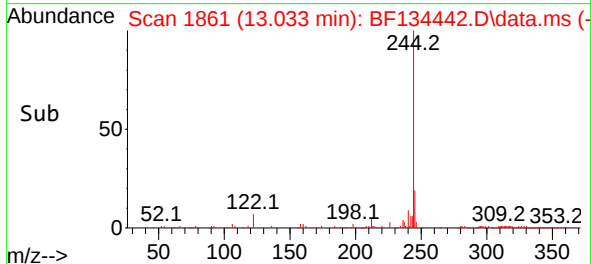
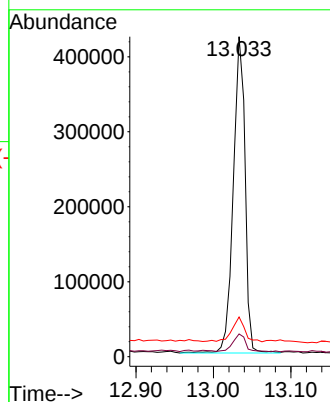
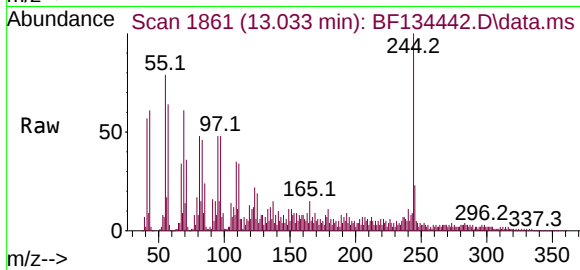
Tgt Ion:244 Resp: 447582

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 12.4 8.0 12.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.820 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.030 min

Lab File: BF134442.D

Acq: 24 Jul 2023 22:17

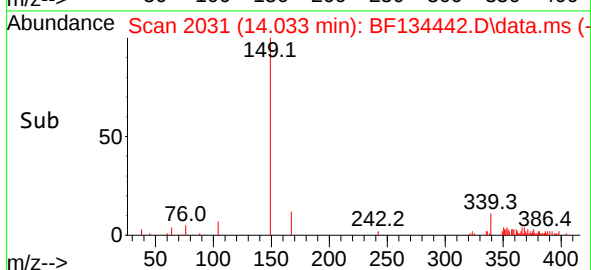
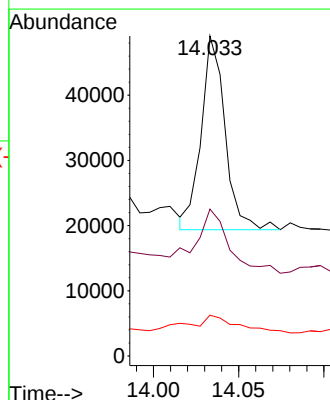
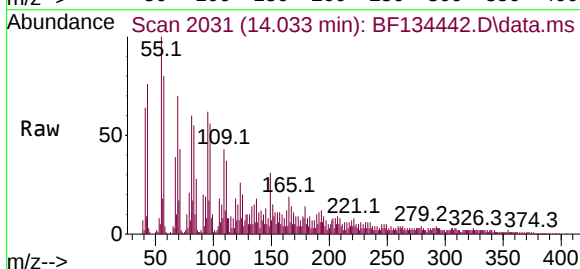
Tgt Ion:149 Resp: 29152

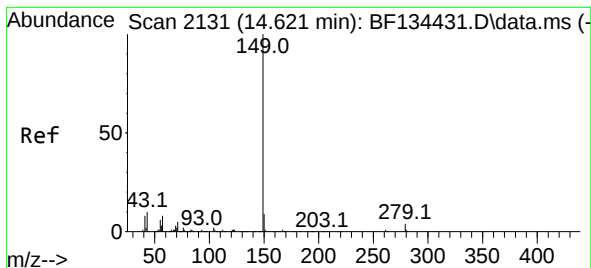
Ion Ratio Lower Upper

149 100

167 45.9 21.6 32.4#

279 12.7 3.5 5.3#





#85

Di-n-octyl phthalate

Concen: 26.363 ng

RT: 14.680 min Scan# 2141

Delta R.T. 0.059 min

Lab File: BF134442.D

Acq: 24 Jul 2023 22:17

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N48909

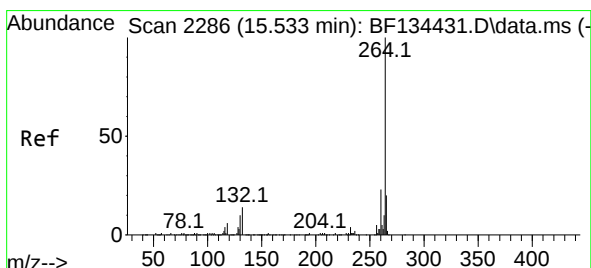
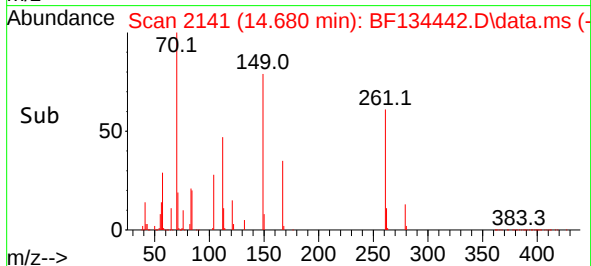
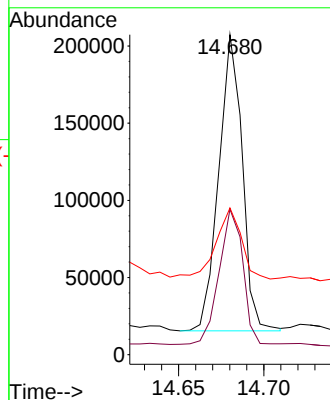
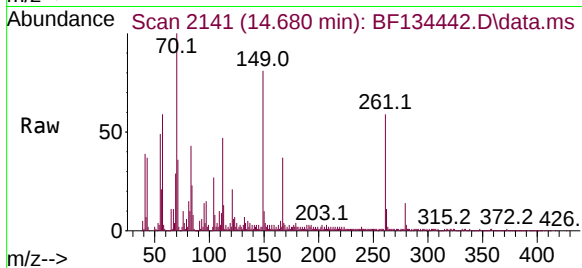
Tgt Ion:149 Resp: 183509

Ion Ratio Lower Upper

149 100

167 46.0 1.2 1.8#

43 24.5 8.1 12.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2292

Delta R.T. 0.035 min

Lab File: BF134442.D

Acq: 24 Jul 2023 22:17

Tgt Ion:264 Resp: 135494

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 22.3 15.8 23.8

