

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134454.D
 Acq On : 25 Jul 2023 04:44
 Operator : CG\JU
 Sample : 03653-21
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP22

Quant Time: Jul 25 05:40:56 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)

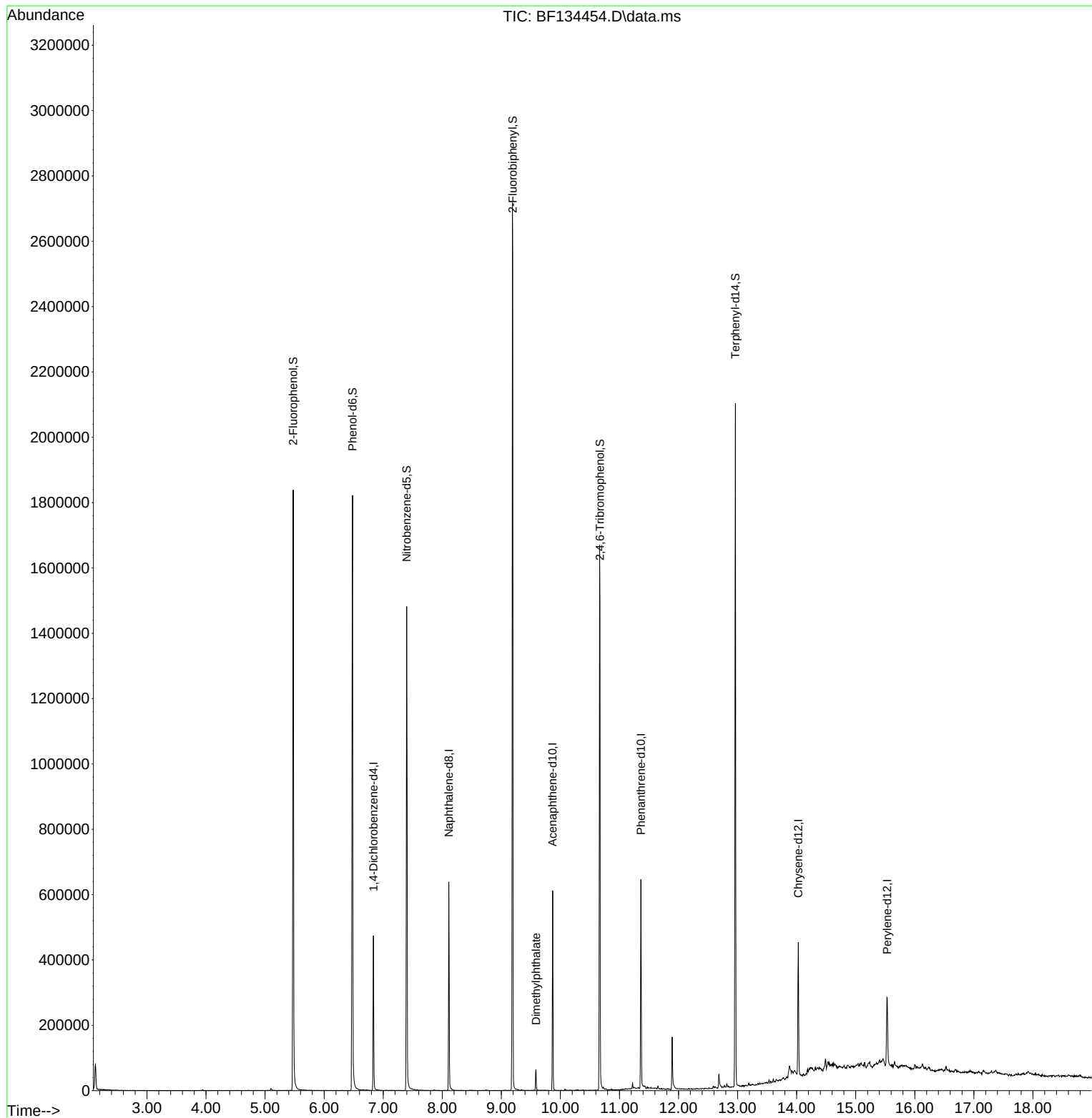
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	63744	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	253154	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	106370	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	218650	20.000	ng	0.00
76) Chrysene-d12	14.027	240	128974	20.000	ng	0.00
86) Perylene-d12	15.533	264	107707	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	461576	119.637	ng	0.00
7) Phenol-d6	6.481	99	574900	121.621	ng	0.00
23) Nitrobenzene-d5	7.398	82	437314	87.400	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	213067	140.980	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	839010	103.549	ng	0.00
79) Terphenyl-d14	12.963	244	688908	93.244	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.586	163	24469	3.103	ng	Qvalue 98

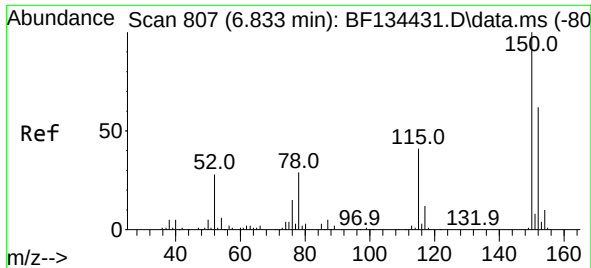
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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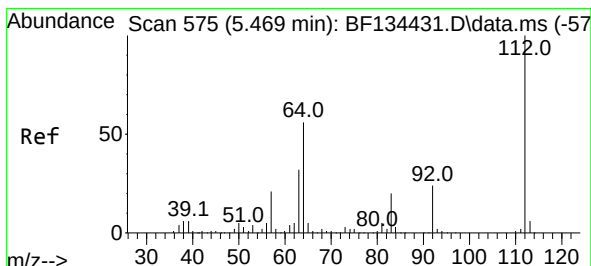
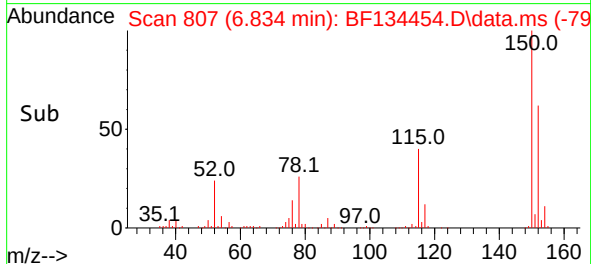
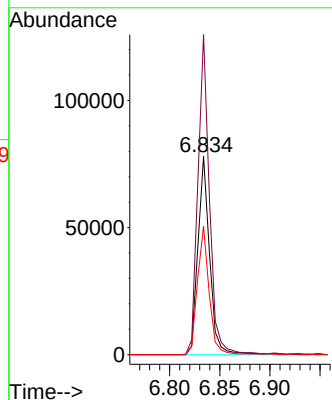
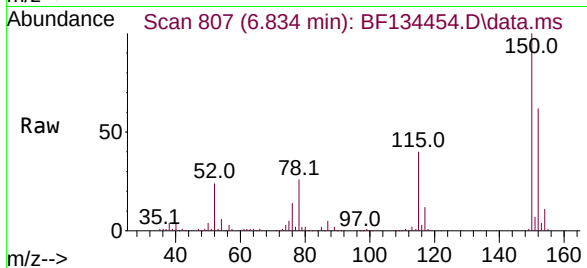




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.001 min
Lab File: BF134454.D
Acq: 25 Jul 2023 04:44

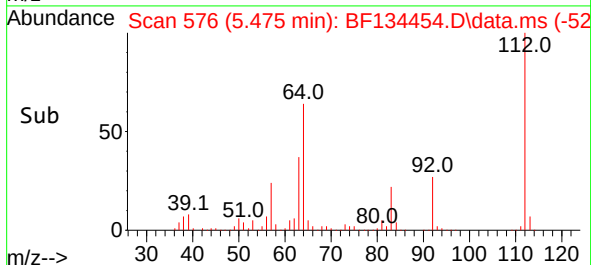
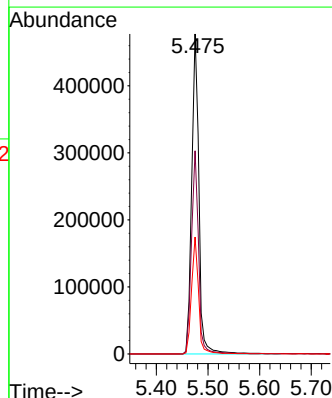
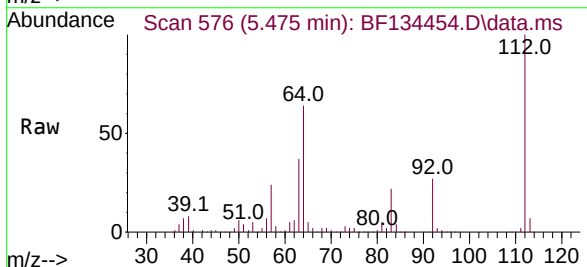
Instrument :
BNA_F
ClientSampleId :
TP22

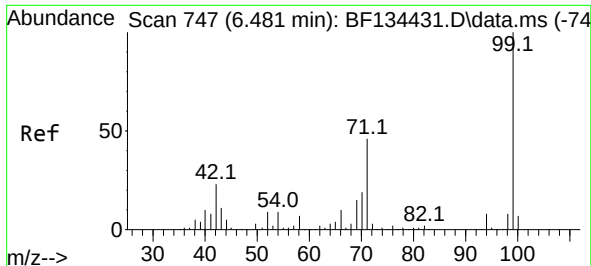
Tgt Ion:152 Resp: 63744
Ion Ratio Lower Upper
152 100
150 161.5 128.3 192.5
115 64.8 52.4 78.6



#5
2-Fluorophenol
Concen: 119.637 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134454.D
Acq: 25 Jul 2023 04:44

Tgt Ion:112 Resp: 461576
Ion Ratio Lower Upper
112 100
64 63.5 44.9 67.3
63 36.6 25.4 38.0





#7

Phenol-d6

Concen: 121.621 ng

RT: 6.481 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF134454.D

Acq: 25 Jul 2023 04:44

Instrument :

BNA_F

ClientSampleId :

TP22

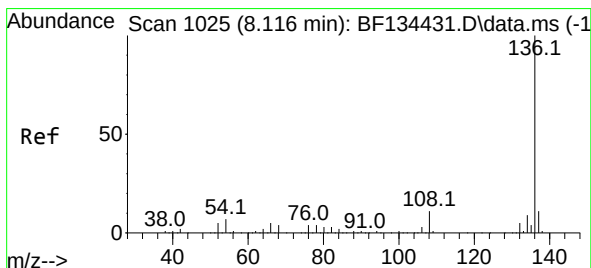
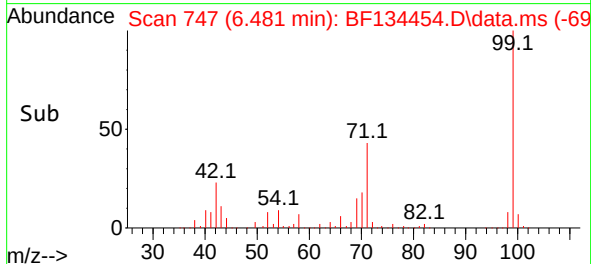
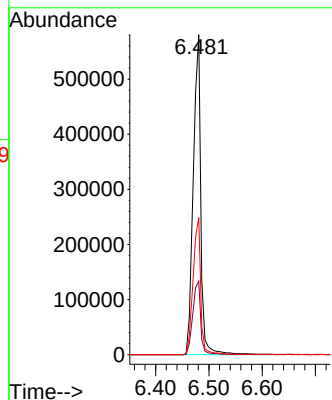
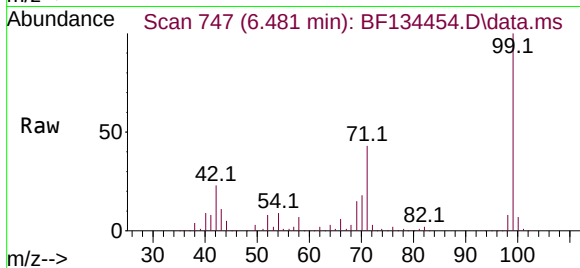
Tgt Ion: 99 Resp: 574900

Ion Ratio Lower Upper

99 100

42 23.0 18.7 28.1

71 42.9 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: BF134454.D

Acq: 25 Jul 2023 04:44

Tgt Ion: 136 Resp: 253154

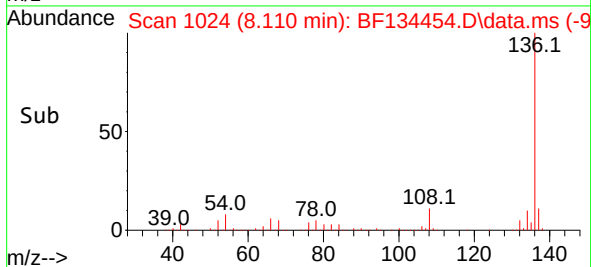
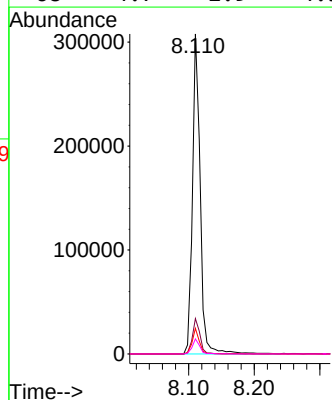
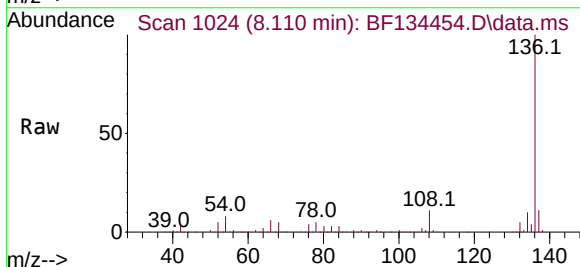
Ion Ratio Lower Upper

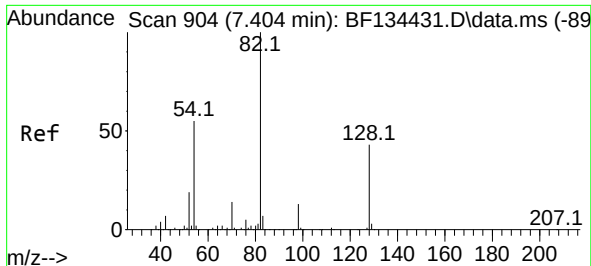
136 100

137 11.0 8.4 12.6

54 8.0 5.2 7.8#

68 4.7 2.9 4.3#

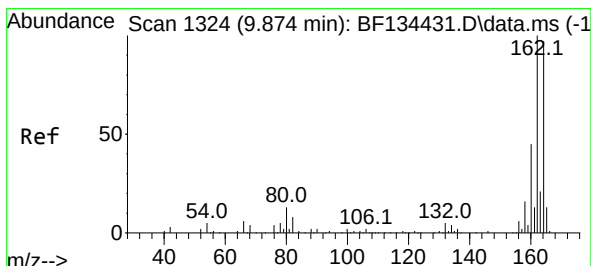
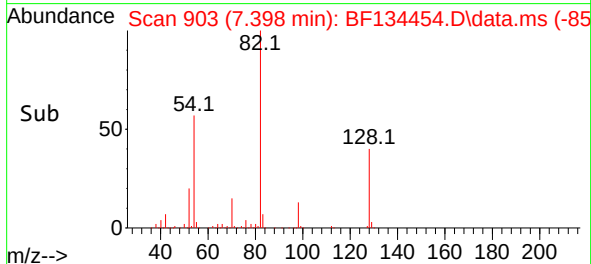
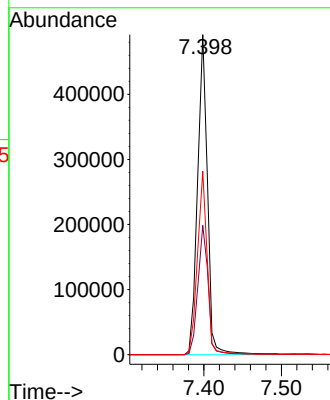
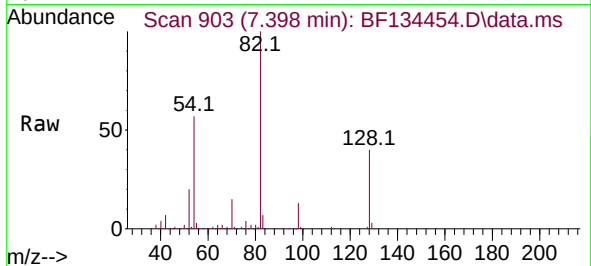




#23
Nitrobenzene-d5
Concen: 87.400 ng
RT: 7.398 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134454.D
Acq: 25 Jul 2023 04:44

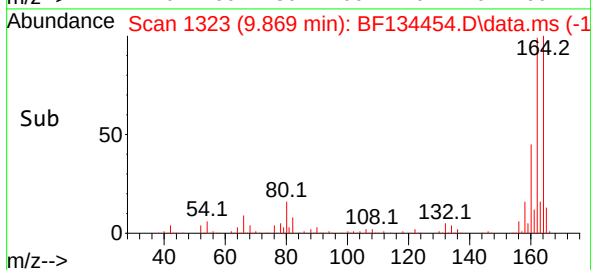
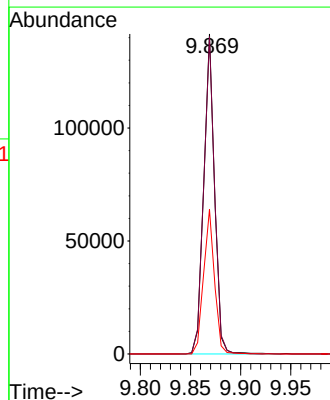
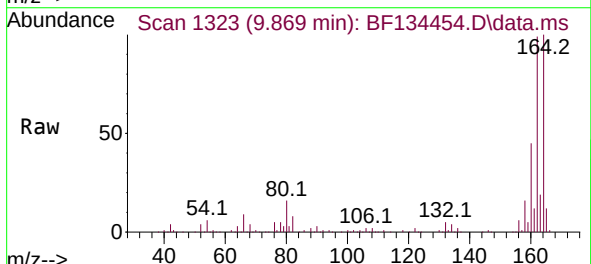
Instrument :
BNA_F
ClientSampleId :
TP22

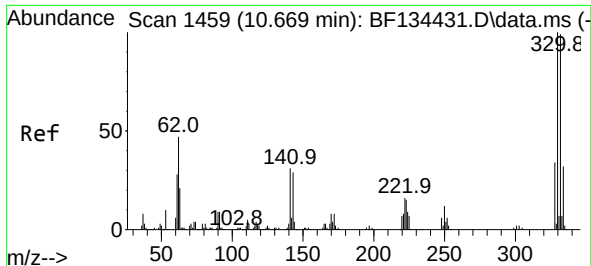
Tgt Ion: 82 Resp: 437314
Ion Ratio Lower Upper
82 100
128 40.4 34.3 51.5
54 57.4 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF134454.D
Acq: 25 Jul 2023 04:44

Tgt Ion: 164 Resp: 106370
Ion Ratio Lower Upper
164 100
162 99.1 82.6 123.8
160 45.2 37.2 55.8

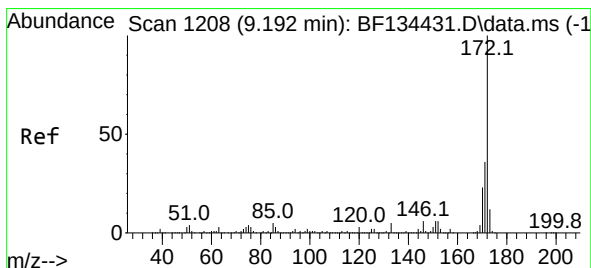
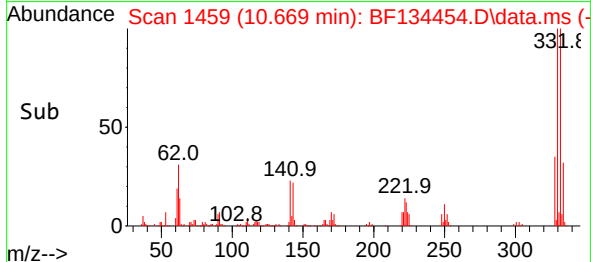
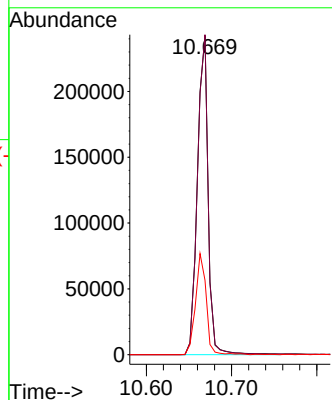
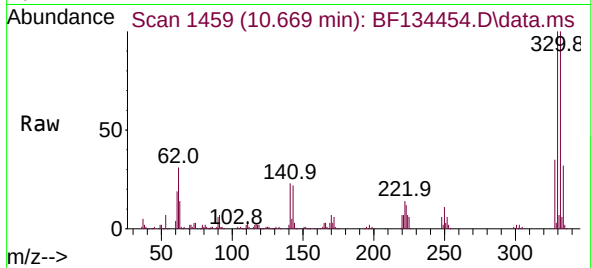




#42
2,4,6-Tribromophenol
Concen: 140.980 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF134454.D
Acq: 25 Jul 2023 04:44

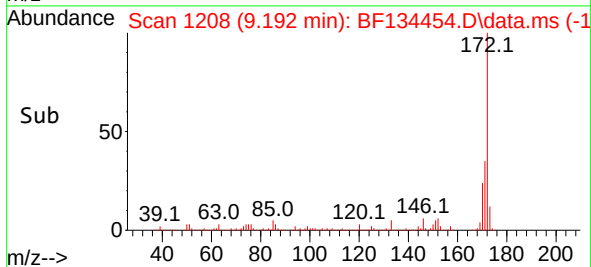
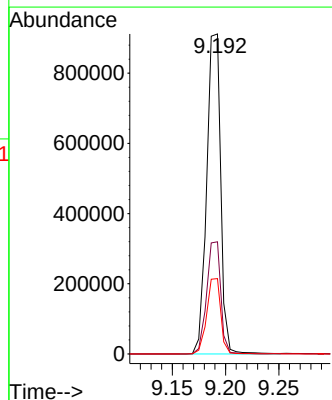
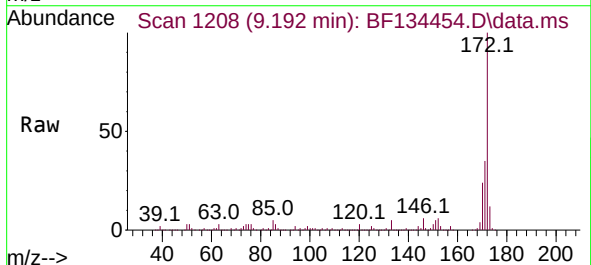
Instrument :
BNA_F
ClientSampleId :
TP22

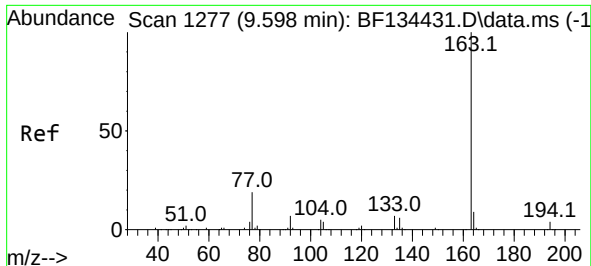
Tgt Ion:330 Resp: 213067
Ion Ratio Lower Upper
330 100
332 99.4 78.8 118.2
141 31.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 103.549 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF134454.D
Acq: 25 Jul 2023 04:44

Tgt Ion:172 Resp: 839010
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.5 18.7 28.1

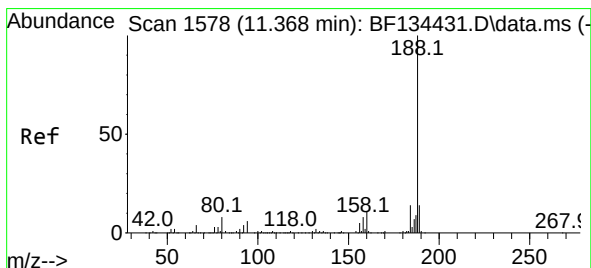
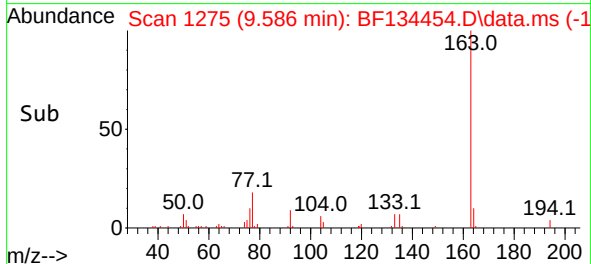
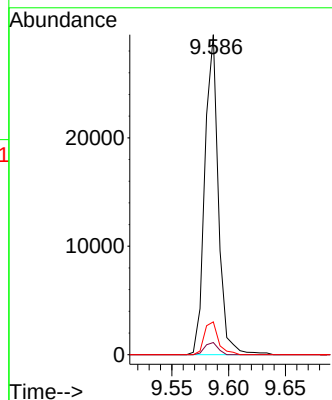
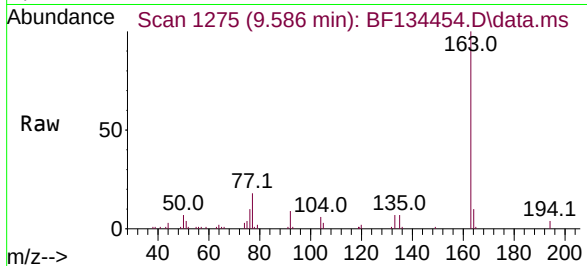




#50
Dimethylphthalate
Concen: 3.103 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134454.D
Acq: 25 Jul 2023 04:44

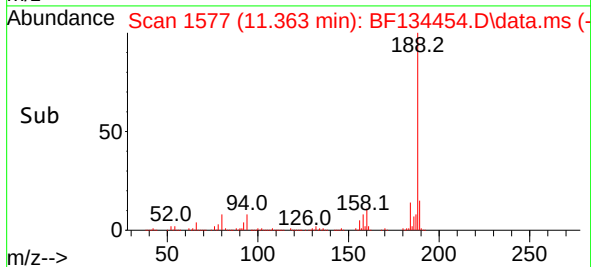
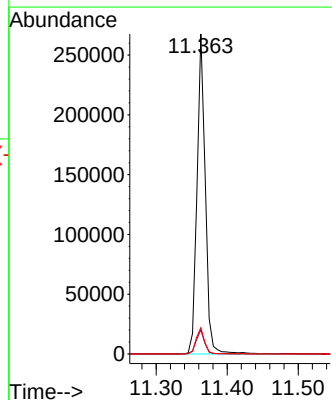
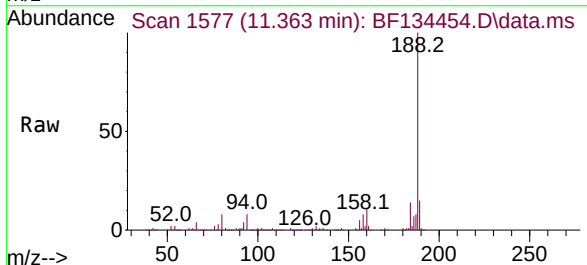
Instrument :
BNA_F
ClientSampleId :
TP22

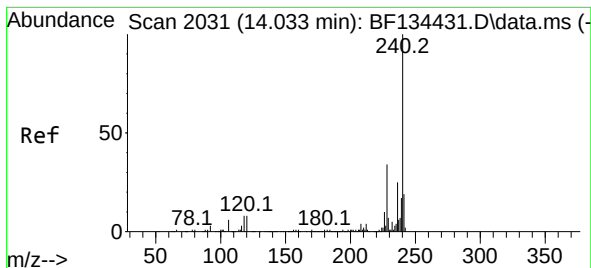
Tgt Ion:163 Resp: 24469
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.2 7.5 11.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF134454.D
Acq: 25 Jul 2023 04:44

Tgt Ion:188 Resp: 218650
Ion Ratio Lower Upper
188 100
94 7.5 5.1 7.7
80 8.2 6.6 9.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134454.D

Acq: 25 Jul 2023 04:44

Instrument :

BNA_F

ClientSampleId :

TP22

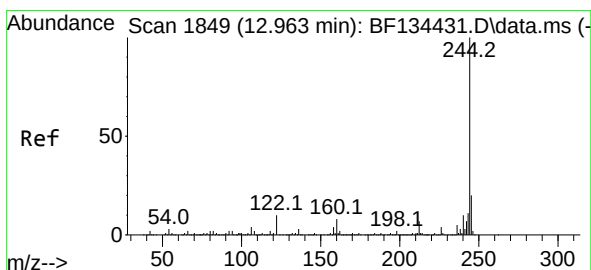
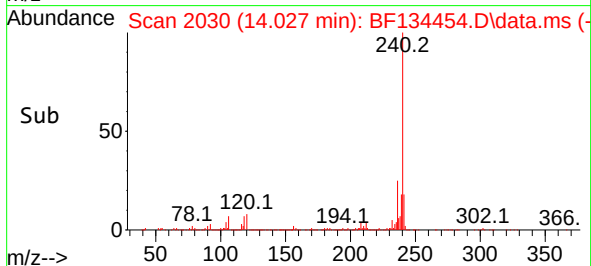
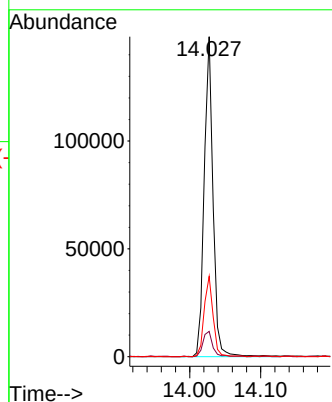
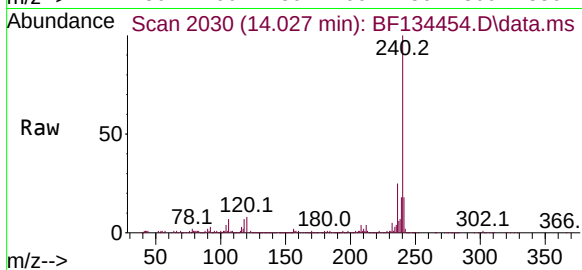
Tgt Ion:240 Resp: 128974

Ion Ratio Lower Upper

240 100

120 7.9 6.6 10.0

236 25.1 20.2 30.2



#79

Terphenyl-d14

Concen: 93.244 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF134454.D

Acq: 25 Jul 2023 04:44

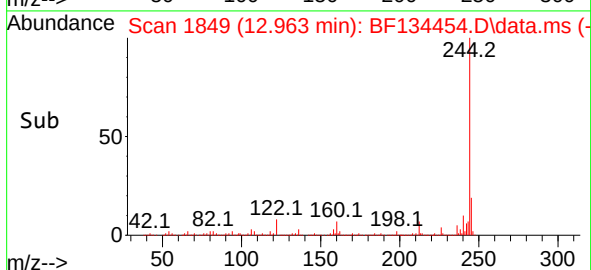
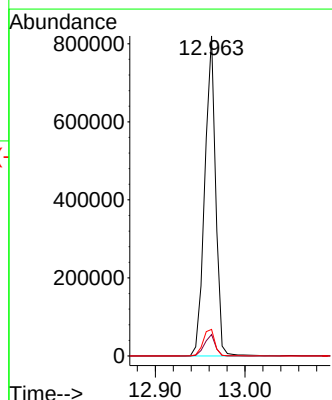
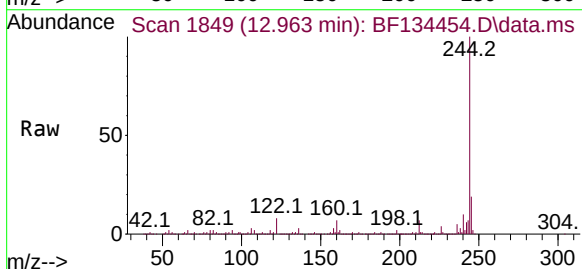
Tgt Ion:244 Resp: 688908

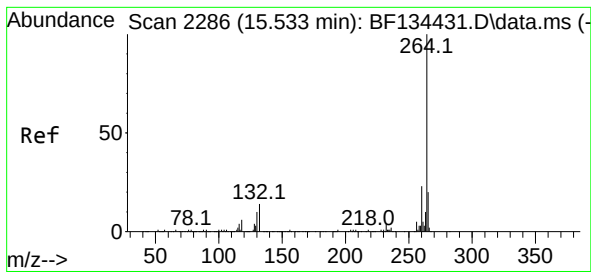
Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 8.3 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134454.D

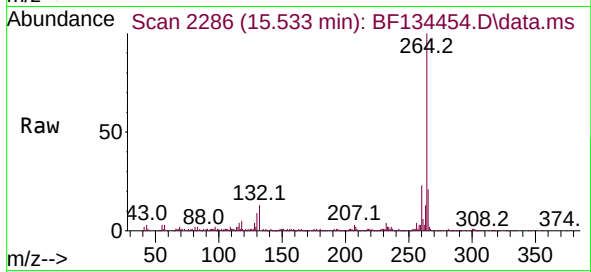
Acq: 25 Jul 2023 04:44

Instrument :

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ClientSampleId :

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Tgt Ion:264 Resp: 107707

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 21.3 15.8 23.8

