

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032024\
 Data File : BF137654.D
 Acq On : 20 Mar 2024 14:43
 Operator : CG\JU
 Sample : P1616-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 146-BAY-AVENUE

Quant Time: Mar 20 15:01:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

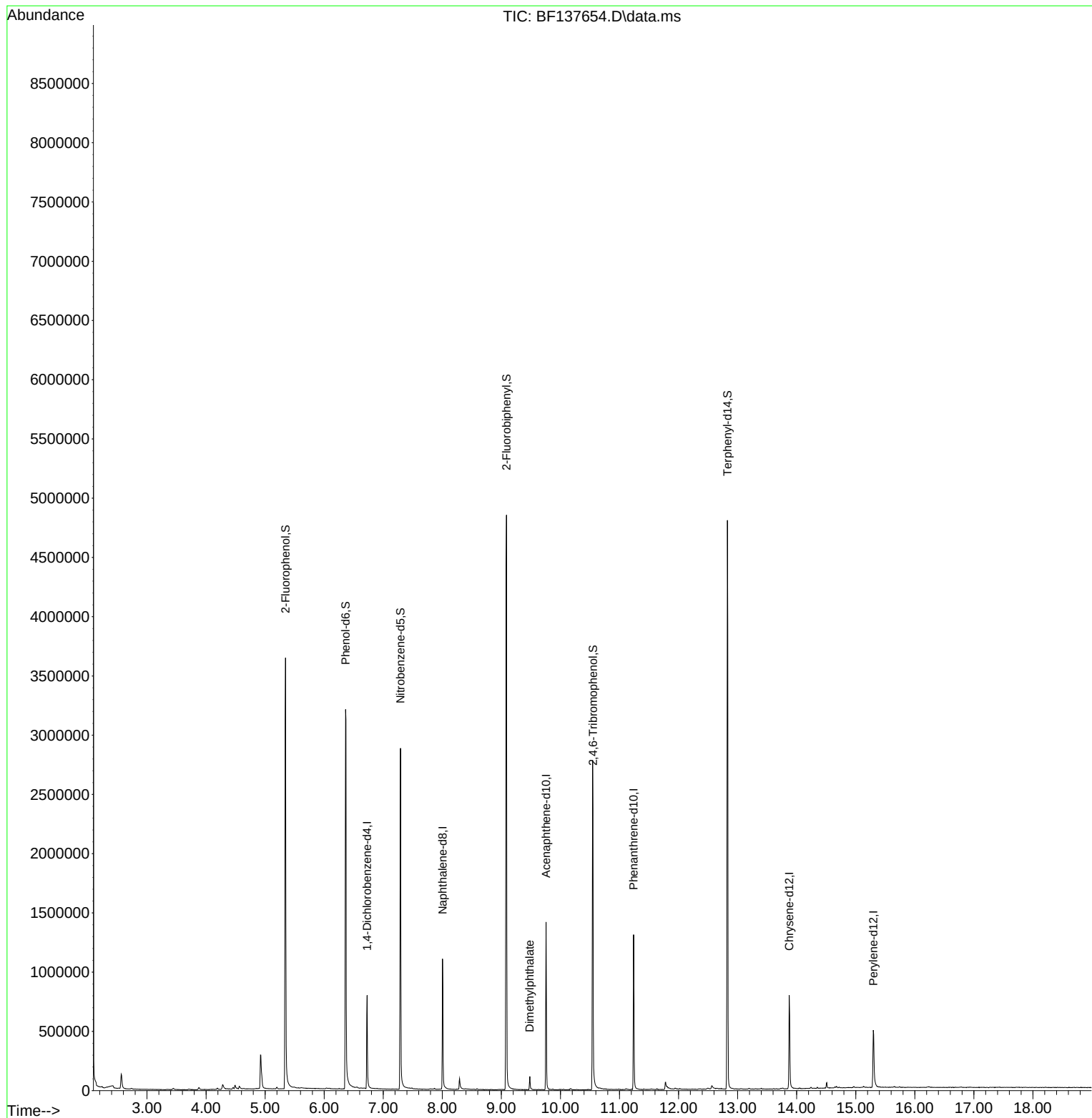
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	123609	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	487210	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	271889	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	472524	20.000	ng	0.00
76) Chrysene-d12	13.874	240	288255	20.000	ng	0.00
86) Perylene-d12	15.298	264	259919	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1089539	133.498	ng	0.01
7) Phenol-d6	6.363	99	1368763	116.185	ng	0.00
23) Nitrobenzene-d5	7.292	82	949741	90.575	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	376397	157.643	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1617476	93.124	ng	0.00
79) Terphenyl-d14	12.827	244	1804005	86.059	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.480	163	47688	2.520	ng	Qvalue 98

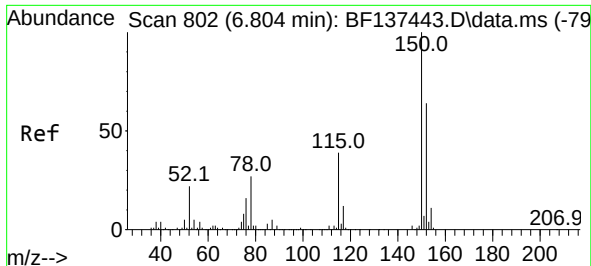
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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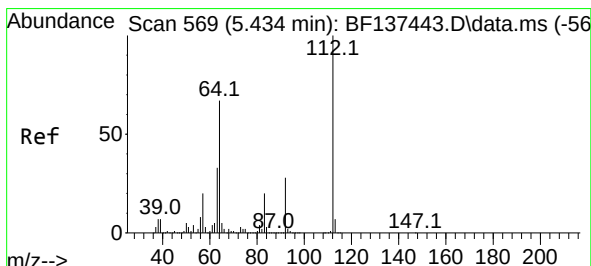
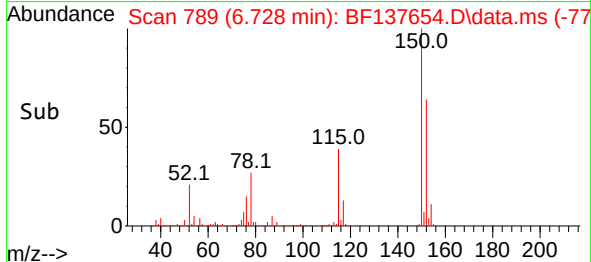
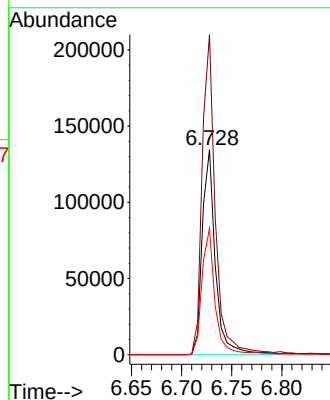
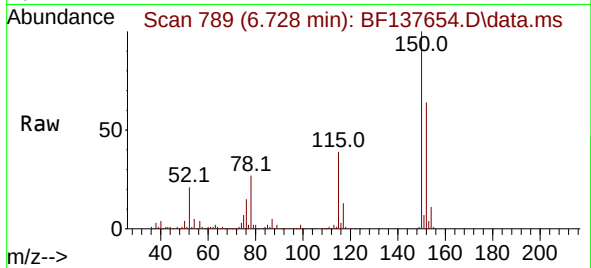




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

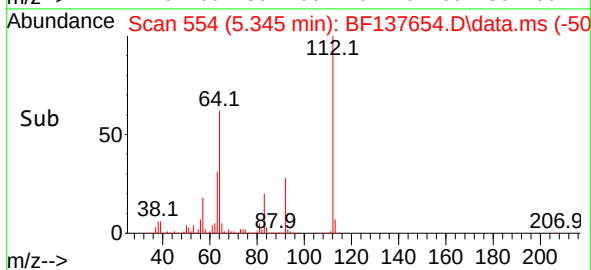
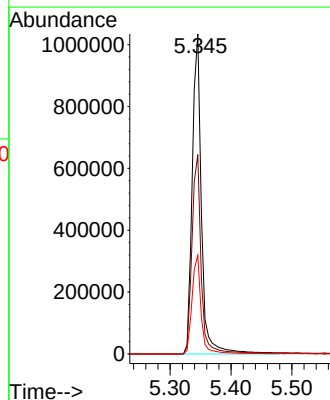
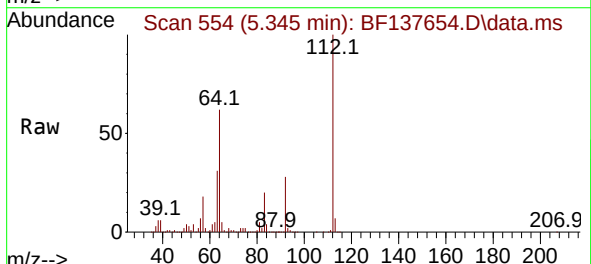
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUE

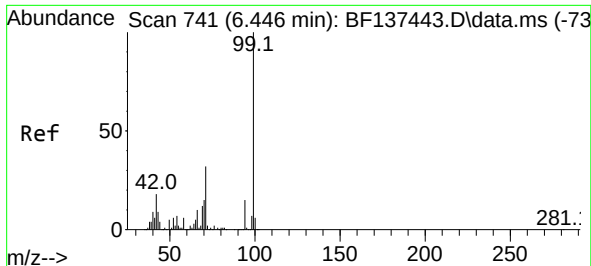
Tgt Ion:152 Resp: 123609
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.6
115 61.5 48.8 73.2



#5
2-Fluorophenol
Concen: 133.498 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

Tgt Ion:112 Resp: 1089539
Ion Ratio Lower Upper
112 100
64 62.3 53.4 80.2
63 30.8 26.2 39.2

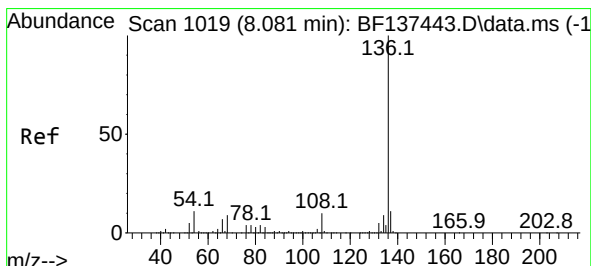
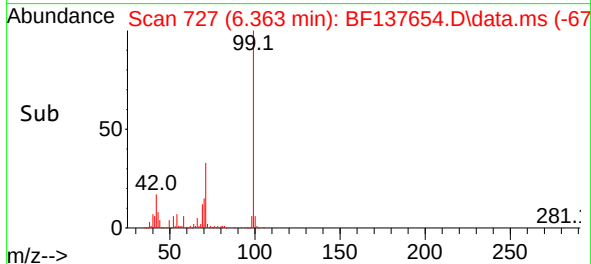
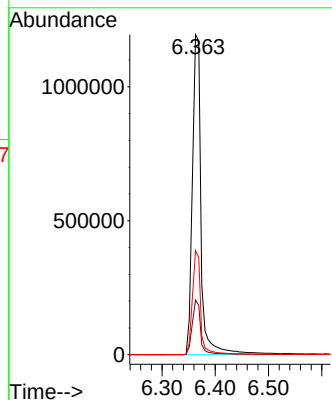
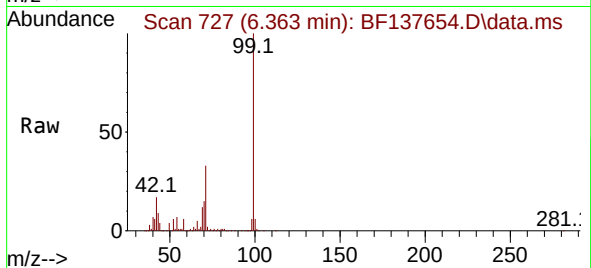




#7
Phenol-d6
Concen: 116.185 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

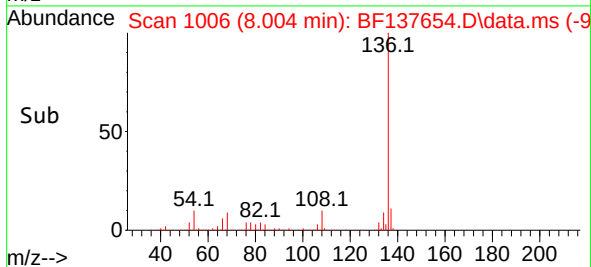
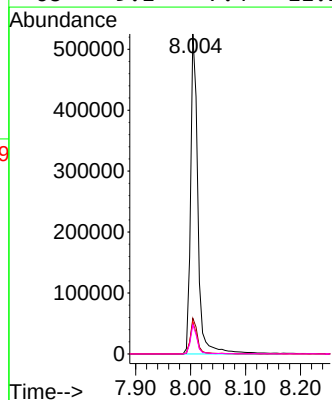
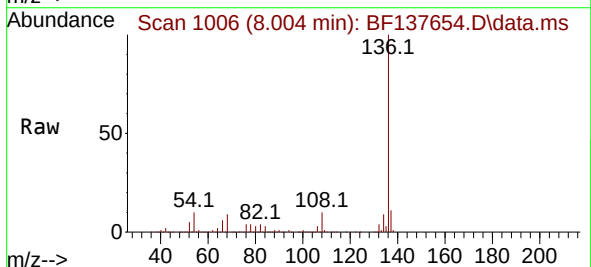
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUE

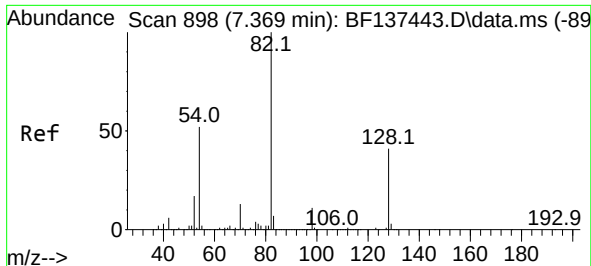
Tgt Ion: 99 Resp: 1368763
Ion Ratio Lower Upper
99 100
42 17.1 14.6 21.8
71 32.6 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

Tgt Ion:136 Resp: 487210
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.0 8.5 12.7
68 9.1 7.4 11.2





#23

Nitrobenzene-d5

Concen: 90.575 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137654.D

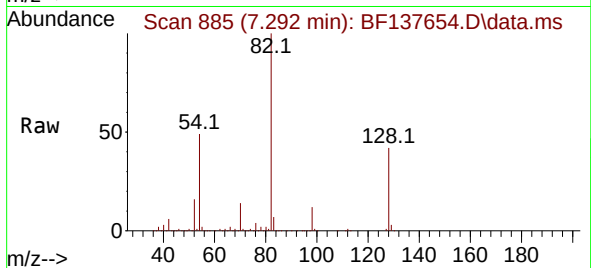
Acq: 20 Mar 2024 14:43

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUE



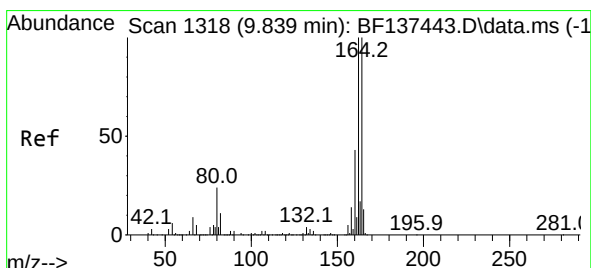
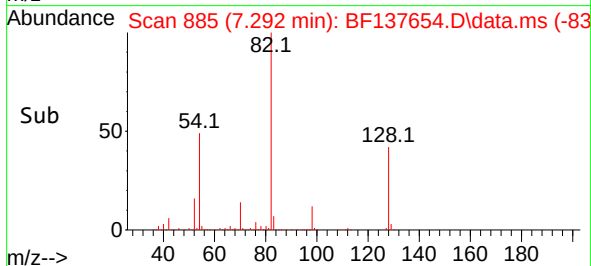
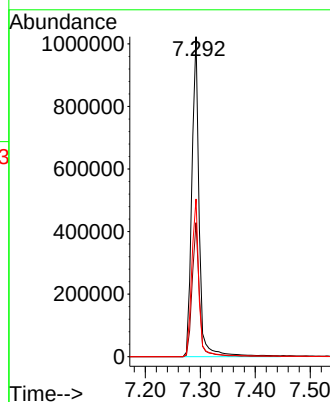
Tgt Ion: 82 Resp: 949741

Ion Ratio Lower Upper

82 100

128 41.9 32.5 48.7

54 49.3 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF137654.D

Acq: 20 Mar 2024 14:43

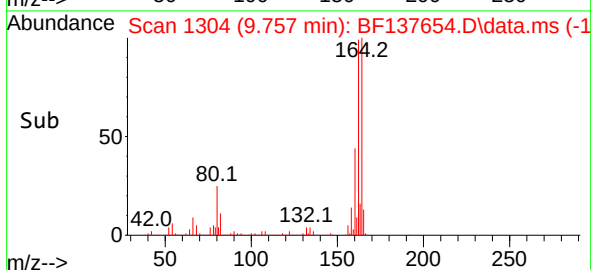
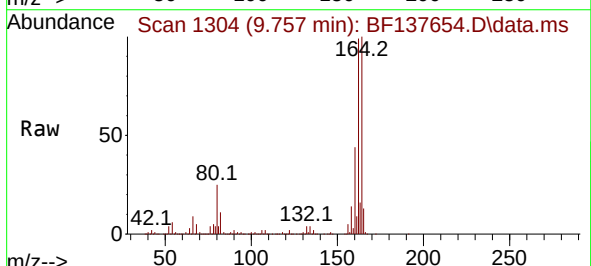
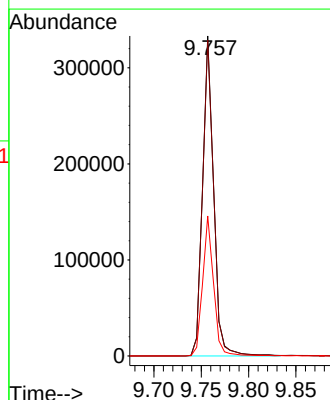
Tgt Ion: 164 Resp: 271889

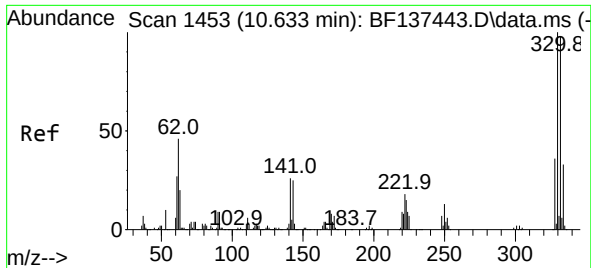
Ion Ratio Lower Upper

164 100

162 98.7 79.8 119.8

160 43.8 34.4 51.6

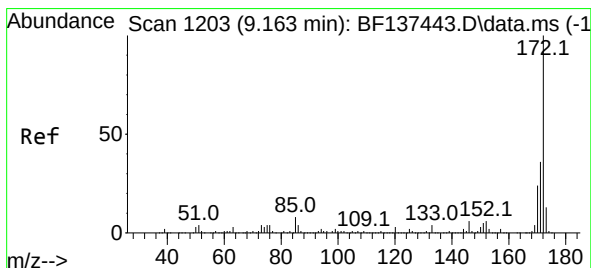
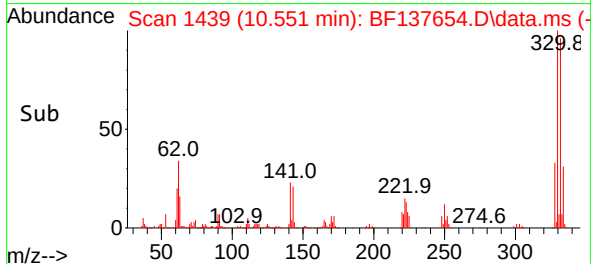
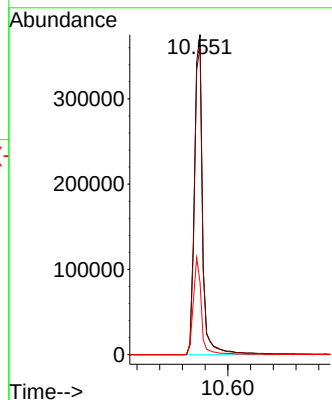
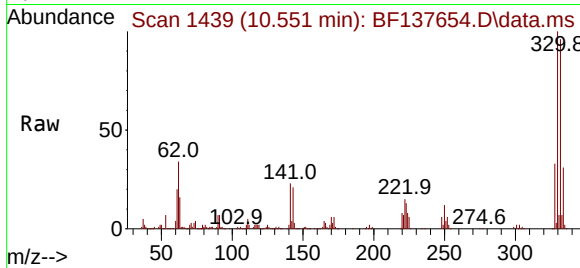




#42
2,4,6-Tribromophenol
Concen: 157.643 ng
RT: 10.551 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

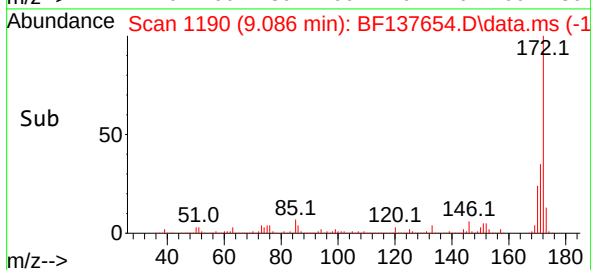
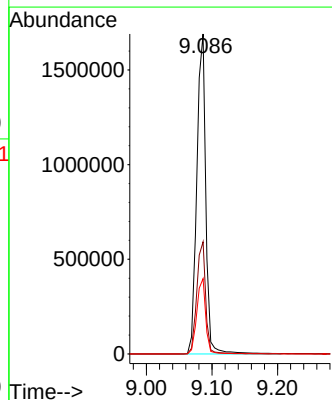
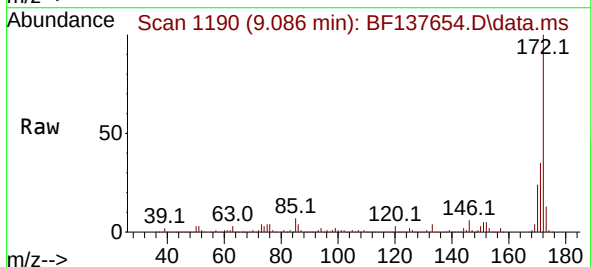
Instrument :
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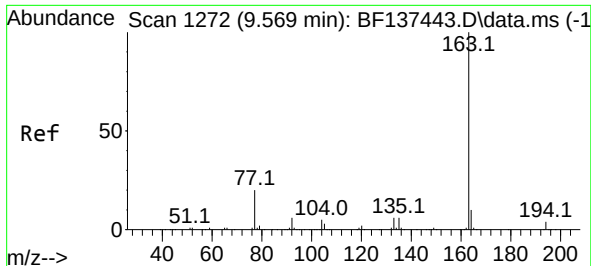
Tgt Ion:330 Resp: 376397
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 29.8 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 93.124 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

Tgt Ion:172 Resp: 1617476
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.6 19.0 28.6

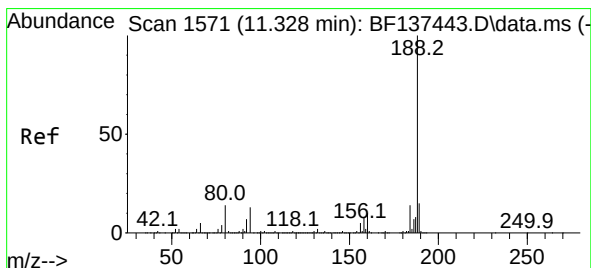
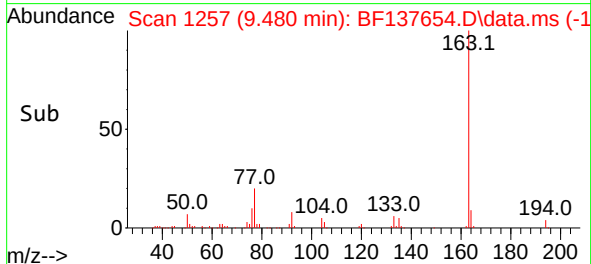
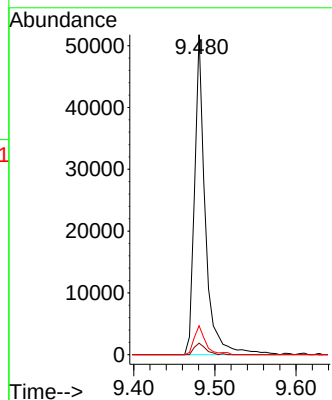
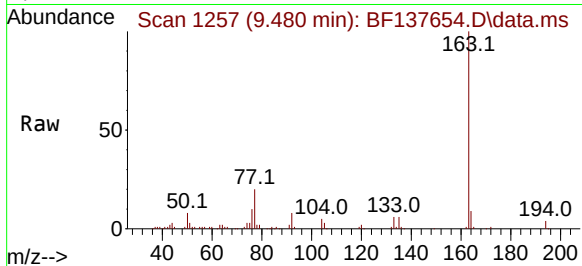




#50
Dimethylphthalate
Concen: 2.520 ng
RT: 9.480 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

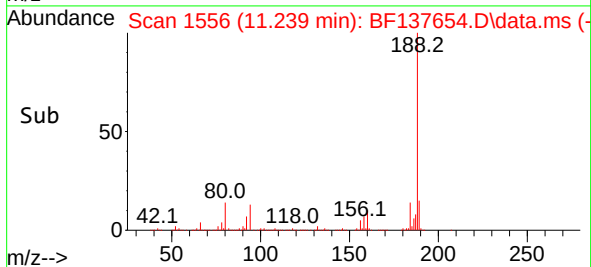
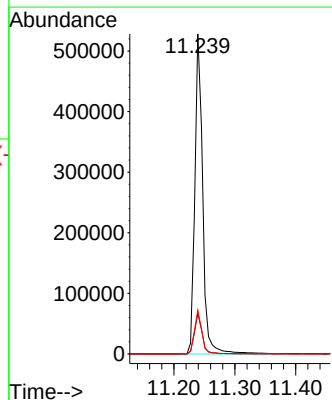
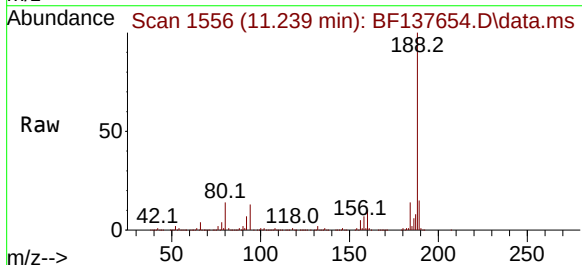
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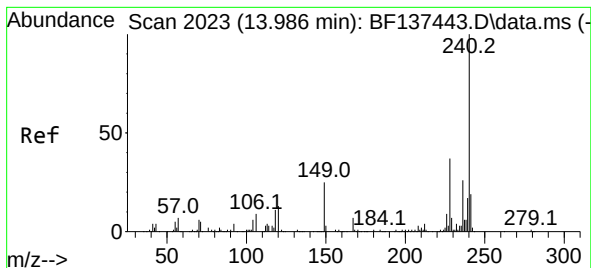
Tgt Ion:163 Resp: 47688
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 9.0 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

Tgt Ion:188 Resp: 472524
Ion Ratio Lower Upper
188 100
94 12.7 10.6 15.8
80 13.7 11.5 17.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF137654.D

Acq: 20 Mar 2024 14:43

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUE

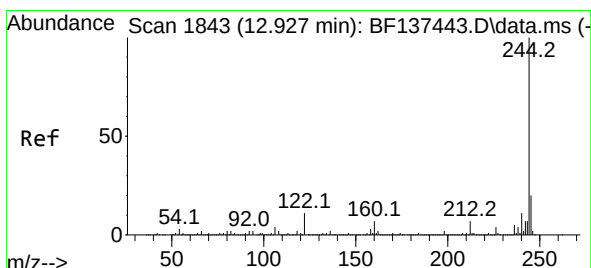
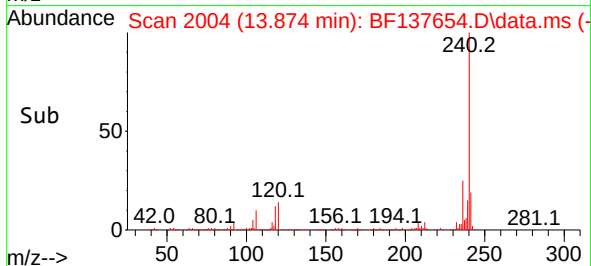
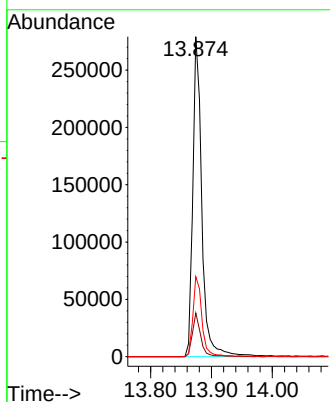
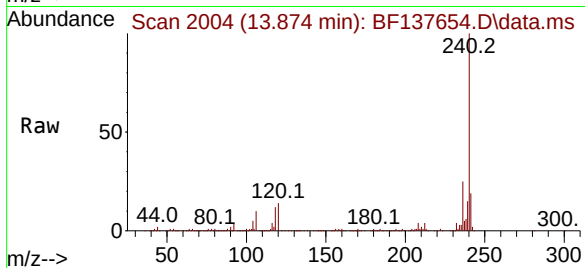
Tgt Ion:240 Resp: 288255

Ion Ratio Lower Upper

240 100

120 13.7 10.4 15.6

236 25.0 20.9 31.3



#79

Terphenyl-d14

Concen: 86.059 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.000 min

Lab File: BF137654.D

Acq: 20 Mar 2024 14:43

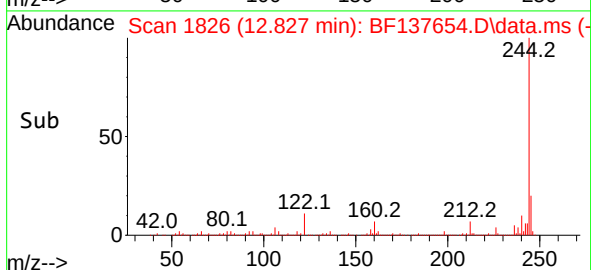
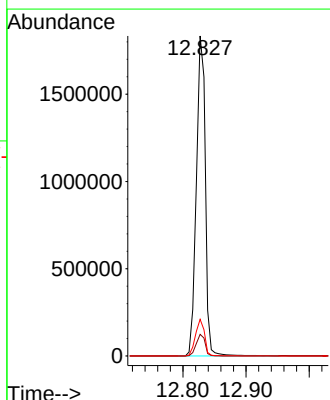
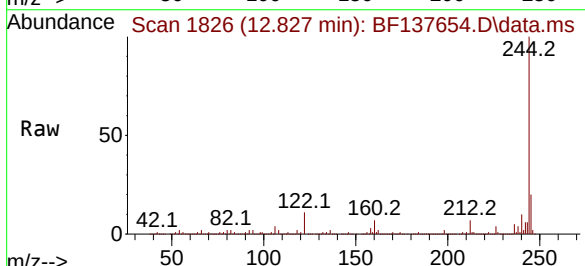
Tgt Ion:244 Resp: 1804005

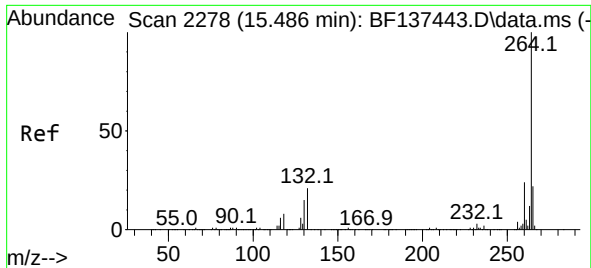
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.5 9.1 13.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF137654.D
 Acq: 20 Mar 2024 14:43

Instrument :
 BNA_F
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Tgt Ion:264 Resp: 259919
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.4 17.4 26.0

