

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
 Data File : BF137549.D
 Acq On : 08 Mar 2024 18:10
 Operator : CG\JU
 Sample : P1701-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RCA-1-COMP

Quant Time: Mar 08 22:19:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 08 22:10:14 2024
 Response via : Initial Calibration

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

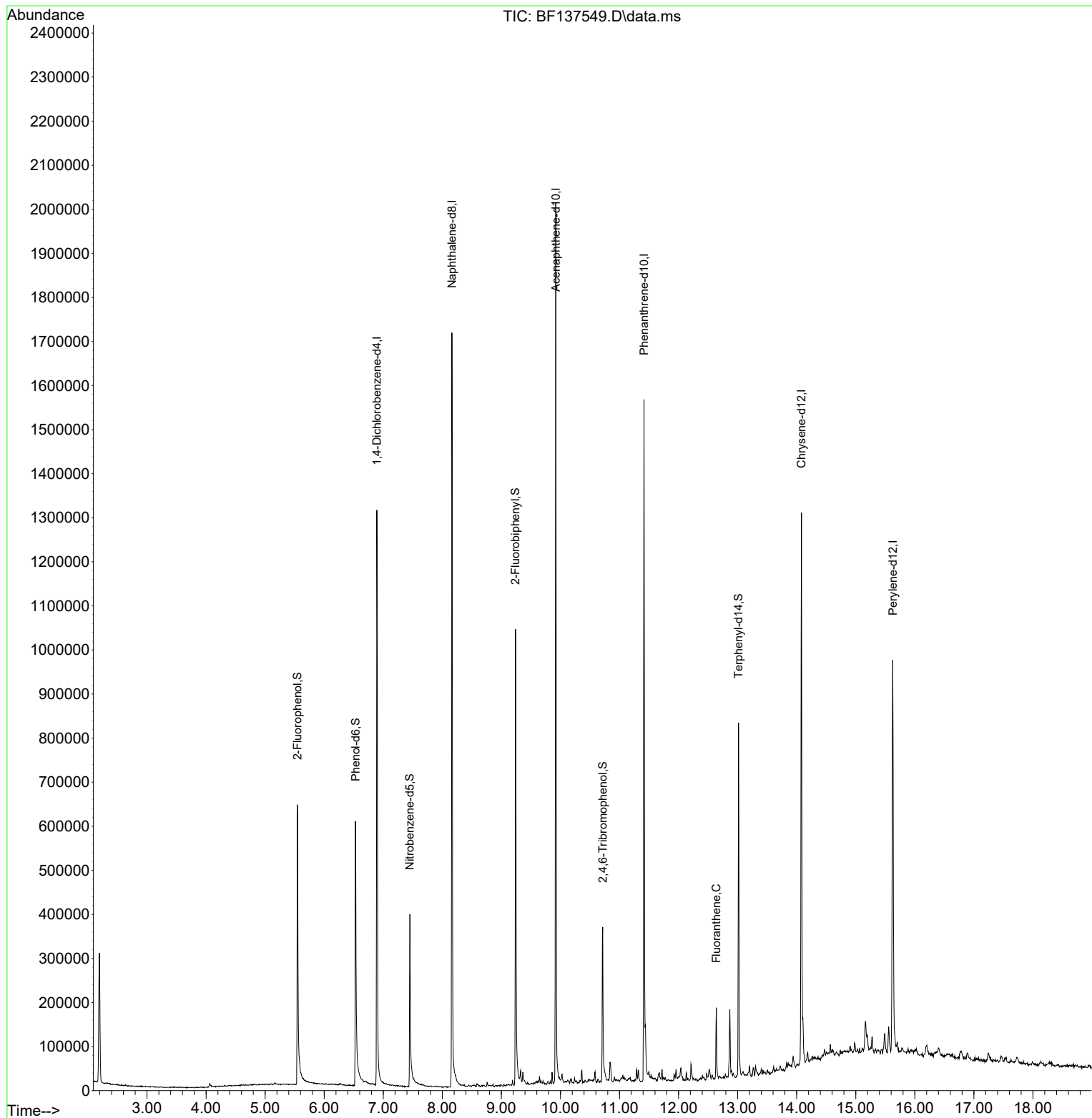
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	201211	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	769027	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	388804	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	561795	20.000	ng	0.00
76) Chrysene-d12	14.080	240	411641	20.000	ng	0.00
86) Perylene-d12	15.627	264	437032	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	232572	17.506	ng	0.00
7) Phenol-d6	6.534	99	314367	16.393	ng	0.00
23) Nitrobenzene-d5	7.451	82	179942	10.872	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	47093	13.793	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	363533	14.636	ng	0.00
79) Terphenyl-d14	13.016	244	269664	9.008	ng	0.00
Target Compounds						
75) Fluoranthene	12.639	202	66222	2.216	ng	Qvalue 98

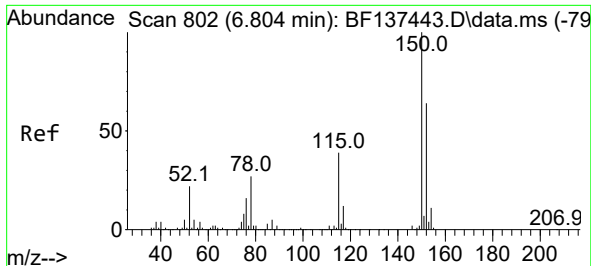
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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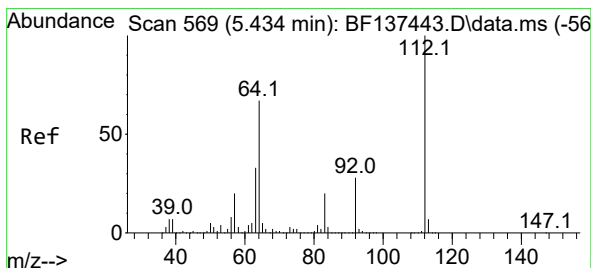
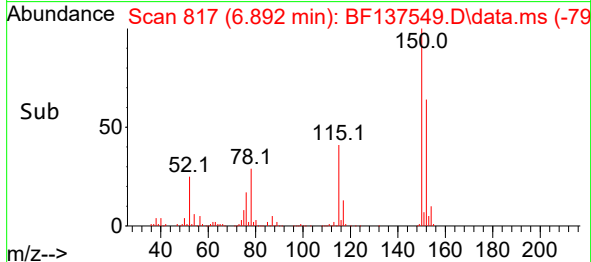
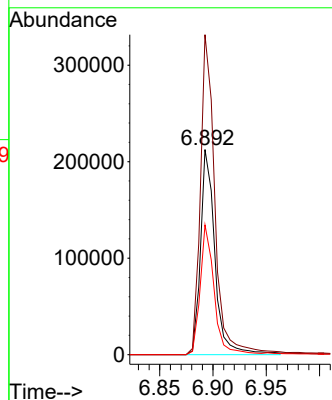
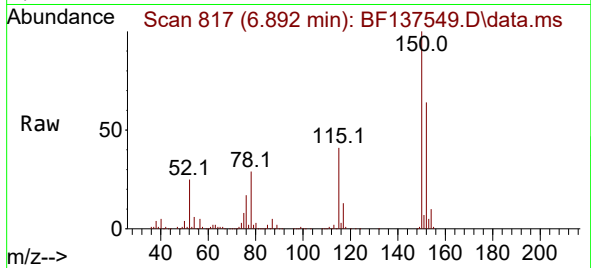




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.005 min
Lab File: BF137549.D
Acq: 08 Mar 2024 18:10

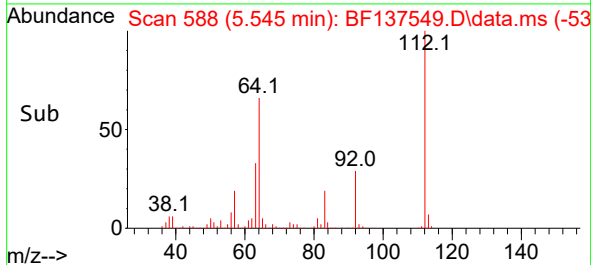
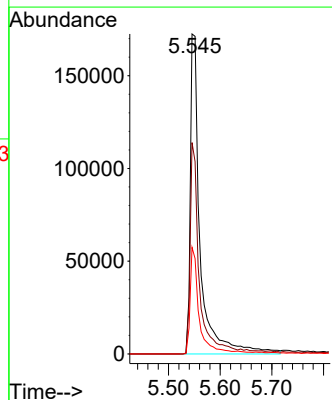
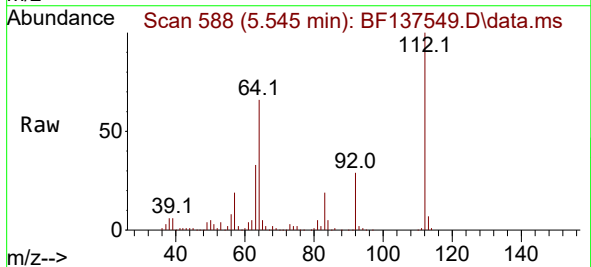
Instrument :
BNA_F
ClientSampleId :
RCA-1-COMP

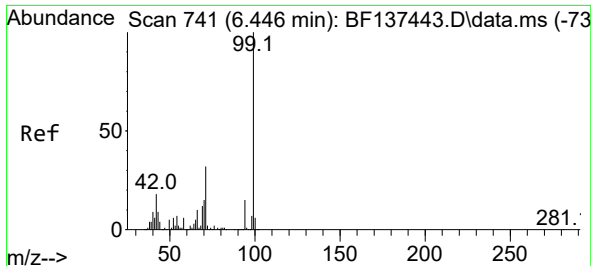
Tgt Ion:152 Resp: 201211
Ion Ratio Lower Upper
152 100
150 156.1 125.8 188.6
115 63.3 48.8 73.2



#5
2-Fluorophenol
Concen: 17.506 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.000 min
Lab File: BF137549.D
Acq: 08 Mar 2024 18:10

Tgt Ion:112 Resp: 232572
Ion Ratio Lower Upper
112 100
64 66.0 53.4 80.2
63 33.3 26.2 39.2

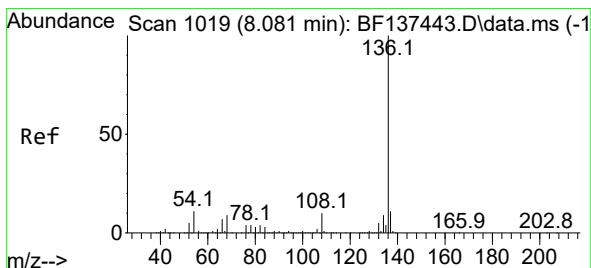
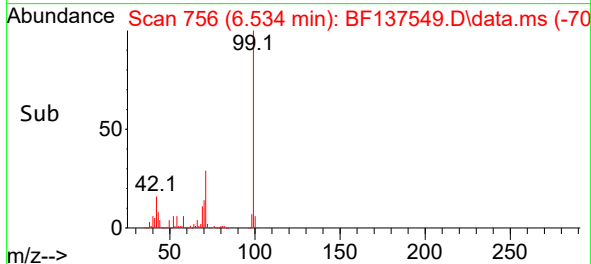
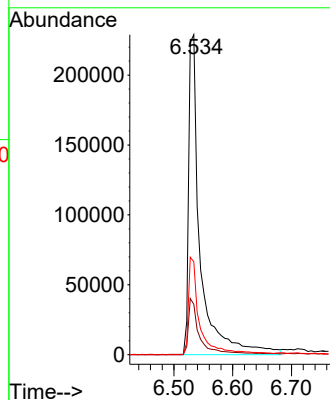
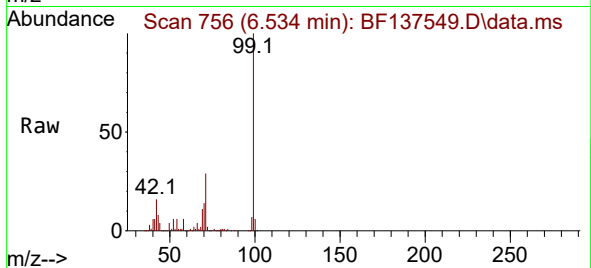




#7
Phenol-d6
Concen: 16.393 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137549.D
Acq: 08 Mar 2024 18:10

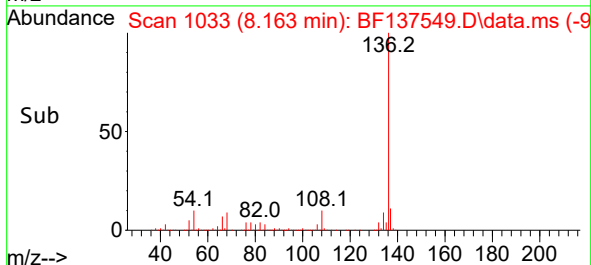
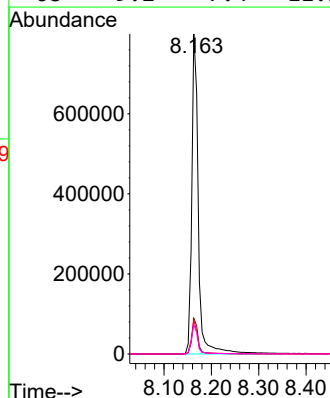
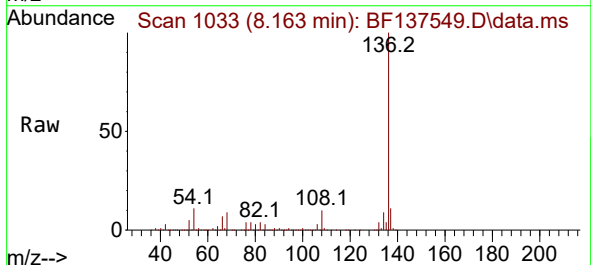
Instrument :
BNA_F
ClientSampleId :
RCA-1-COMP

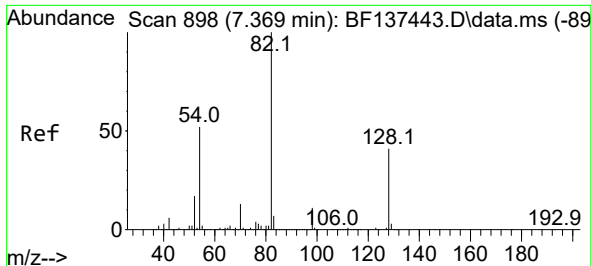
Tgt Ion: 99 Resp: 314367
Ion Ratio Lower Upper
99 100
42 15.8 14.6 21.8
71 29.0 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BF137549.D
Acq: 08 Mar 2024 18:10

Tgt Ion: 136 Resp: 769027
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 10.5 8.5 12.7
68 9.2 7.4 11.2





#23

Nitrobenzene-d5

Concen: 10.872 ng

RT: 7.451 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF137549.D

Acq: 08 Mar 2024 18:10

Instrument :

BNA_F

ClientSampleId :

RCA-1-COMP

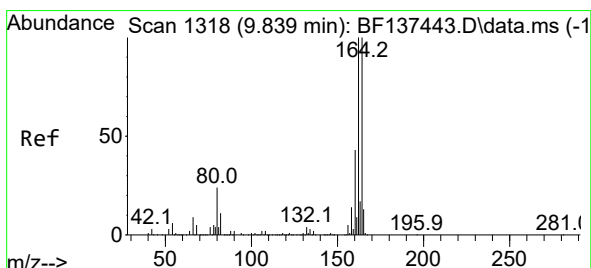
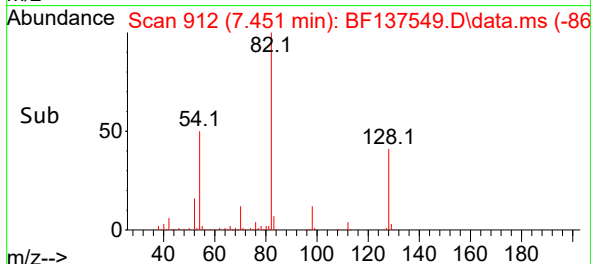
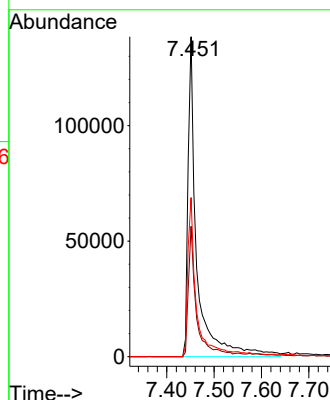
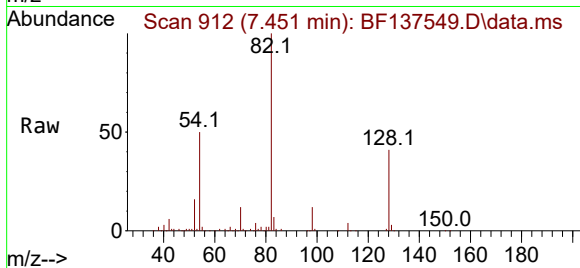
Tgt Ion: 82 Resp: 179942

Ion Ratio Lower Upper

82 100

128 40.8 32.5 48.7

54 49.8 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

Delta R.T. 0.006 min

Lab File: BF137549.D

Acq: 08 Mar 2024 18:10

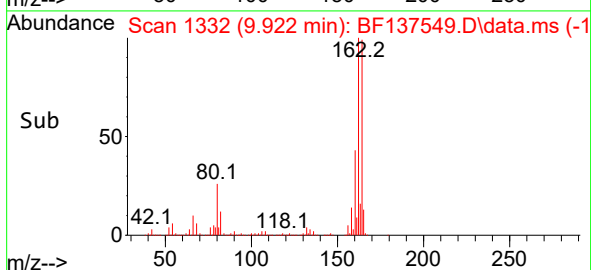
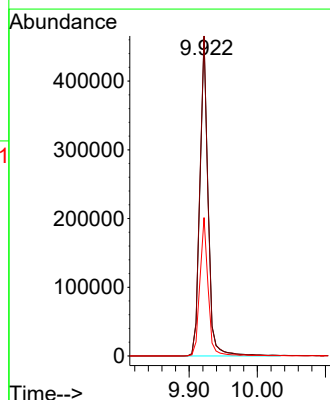
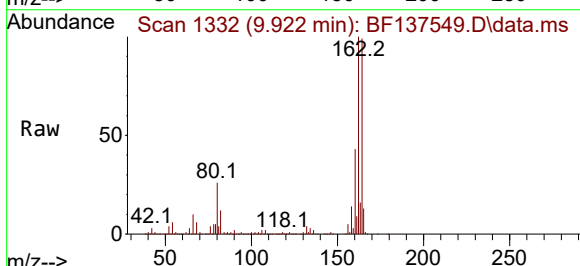
Tgt Ion: 164 Resp: 388804

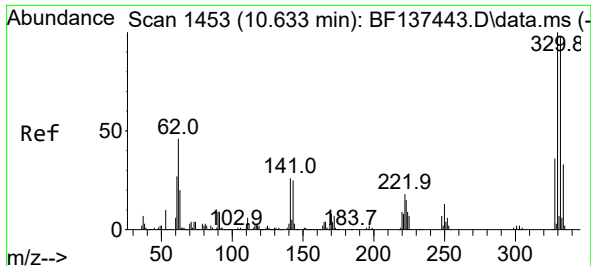
Ion Ratio Lower Upper

164 100

162 100.6 79.8 119.8

160 43.5 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 13.793 ng

RT: 10.716 min Scan# 1453

Delta R.T. 0.000 min

Lab File: BF137549.D

Acq: 08 Mar 2024 18:10

Instrument :

BNA_F

ClientSampleId :

RCA-1-COMP

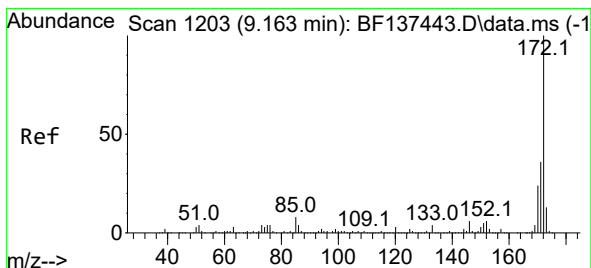
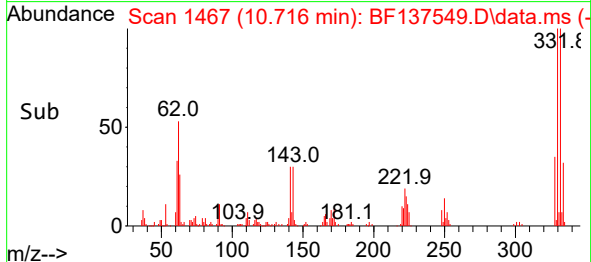
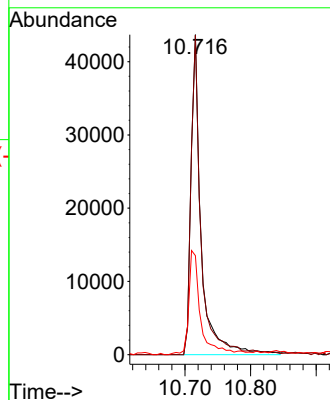
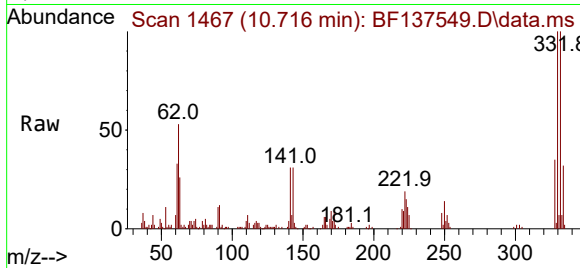
Tgt Ion:330 Resp: 47093

Ion Ratio Lower Upper

330 100

332 95.7 78.0 117.0

141 38.4 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 14.636 ng

RT: 9.239 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF137549.D

Acq: 08 Mar 2024 18:10

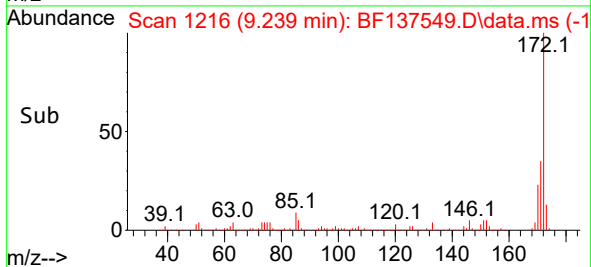
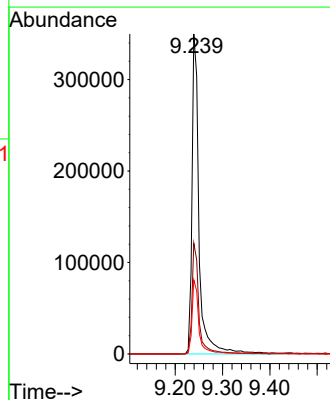
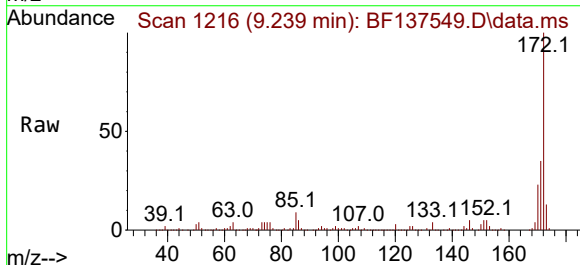
Tgt Ion:172 Resp: 363533

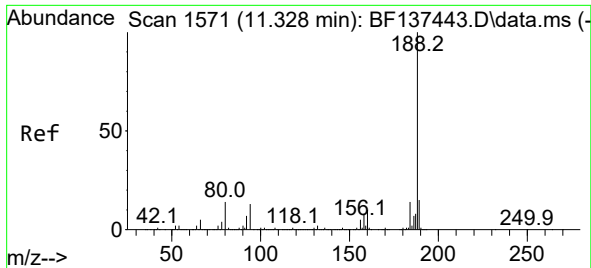
Ion Ratio Lower Upper

172 100

171 34.6 28.5 42.7

170 23.1 19.0 28.6

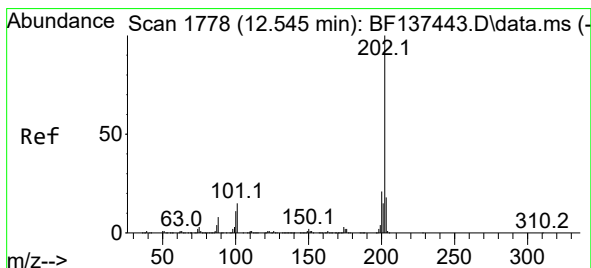
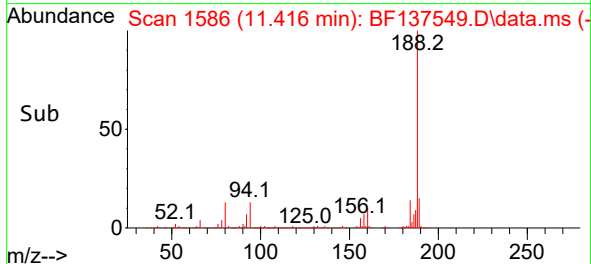
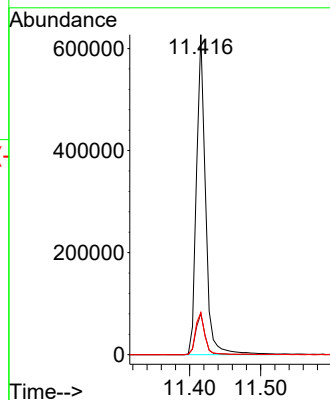
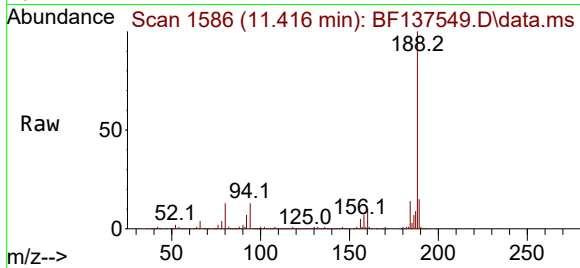




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137549.D
Acq: 08 Mar 2024 18:10

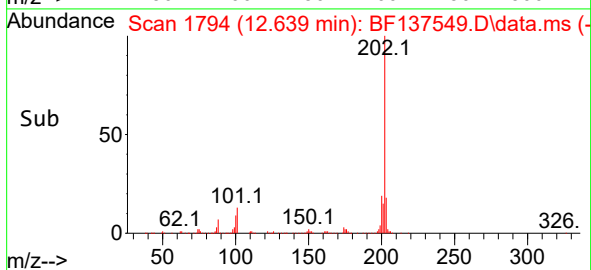
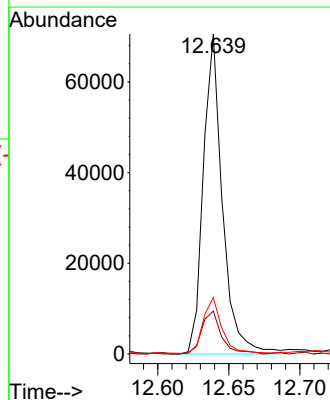
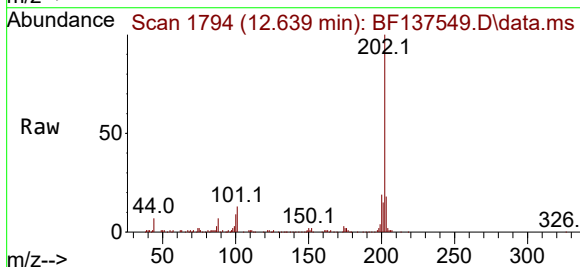
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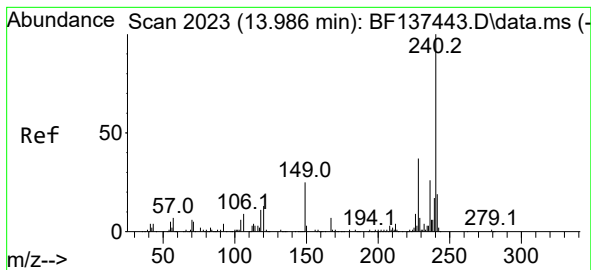
Tgt Ion:188 Resp: 561795
Ion Ratio Lower Upper
188 100
94 12.9 10.6 15.8
80 13.2 11.5 17.3



#75
Fluoranthene
Concen: 2.216 ng
RT: 12.639 min Scan# 1794
Delta R.T. 0.006 min
Lab File: BF137549.D
Acq: 08 Mar 2024 18:10

Tgt Ion:202 Resp: 66222
Ion Ratio Lower Upper
202 100
101 13.4 0.0 35.0
203 17.7 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137549.D

Acq: 08 Mar 2024 18:10

Instrument :

BNA_F

ClientSampleId :

RCA-1-COMP

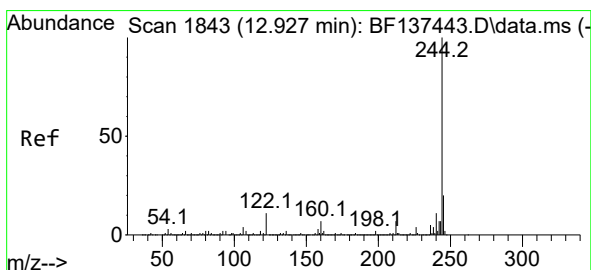
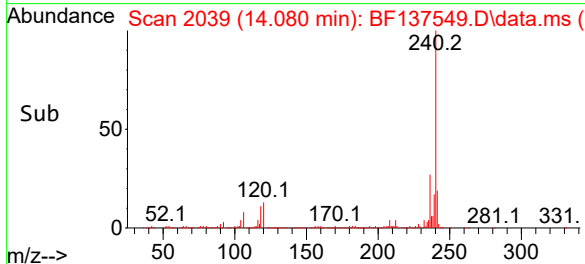
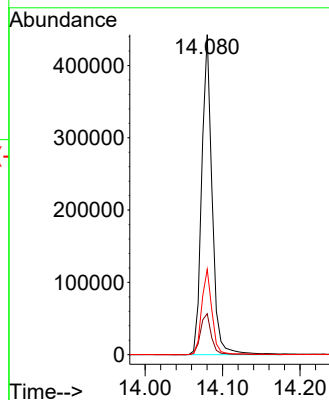
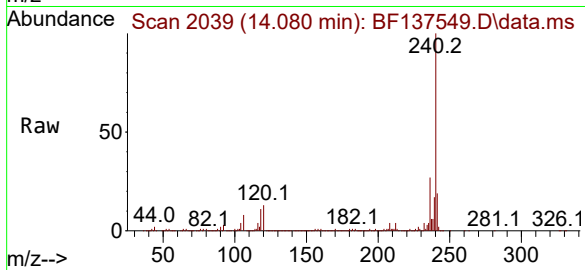
Tgt Ion:240 Resp: 411641

Ion Ratio Lower Upper

240 100

120 12.8 10.4 15.6

236 26.7 20.9 31.3



#79

Terphenyl-d14

Concen: 9.008 ng

RT: 13.016 min Scan# 1858

Delta R.T. 0.000 min

Lab File: BF137549.D

Acq: 08 Mar 2024 18:10

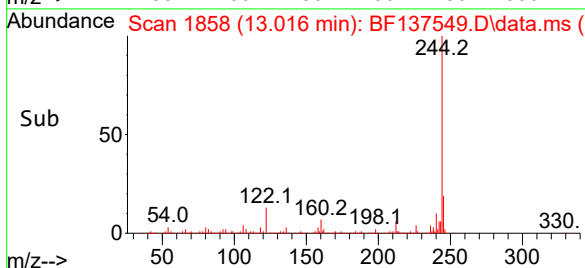
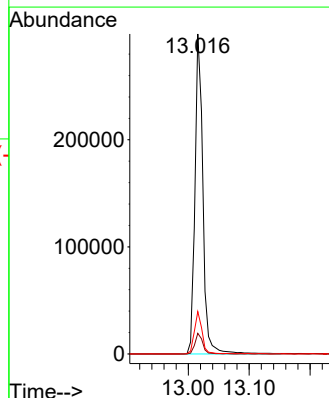
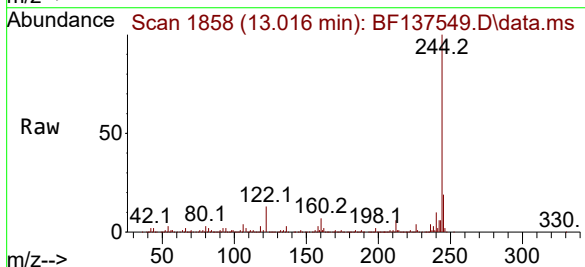
Tgt Ion:244 Resp: 269664

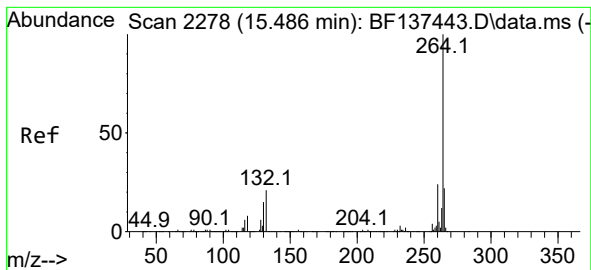
Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 13.3 9.1 13.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF137549.D
Acq: 08 Mar 2024 18:10

Instrument :
BNA_F
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Tgt Ion:264 Resp: 437032
Ion Ratio Lower Upper
264 100
260 24.0 19.3 28.9
265 22.0 17.4 26.0

