

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137551.D
Acq On : 08 Mar 2024 19:11
Operator : CG\JU
Sample : P1701-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RCA-3-COMP

Quant Time: Mar 08 22:19:44 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	6.886	152	202382	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	786070	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	398391	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	555127	20.000	ng	0.00
76) Chrysene-d12	14.074	240	419122	20.000	ng	0.00
86) Perylene-d12	15.621	264	409770	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	230524	17.251	ng	0.00
7) Phenol-d6	6.528	99	306621	15.897	ng	0.00
23) Nitrobenzene-d5	7.445	82	170505	10.078	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	44147	12.619	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	355045	13.950	ng	0.00
79) Terphenyl-d14	13.010	244	253461	8.316	ng	0.00

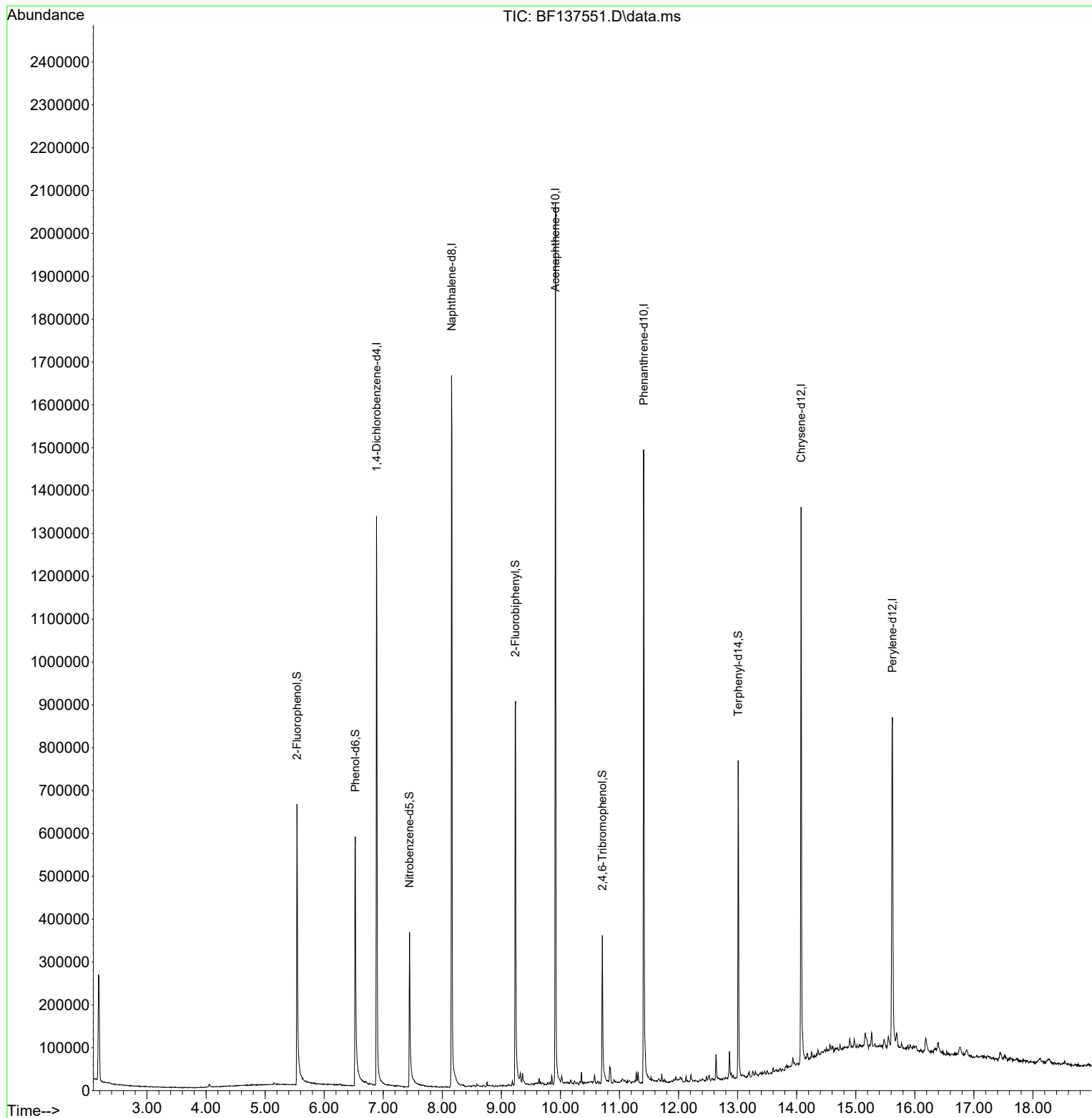
Target Compounds	Qvalue
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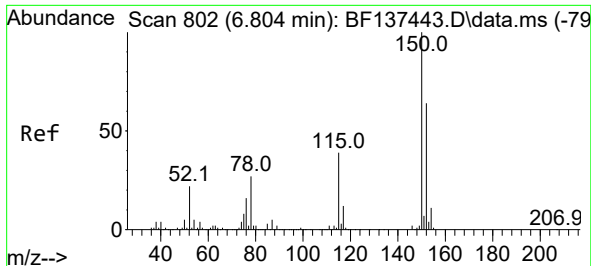
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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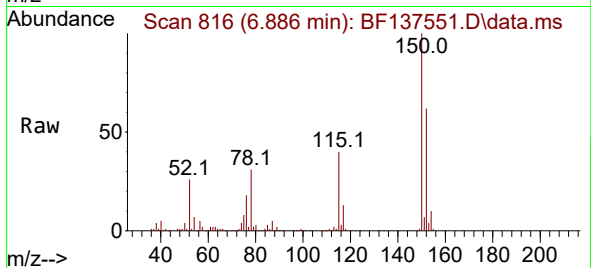
Quant Time: Mar 08 22:19:44 2024
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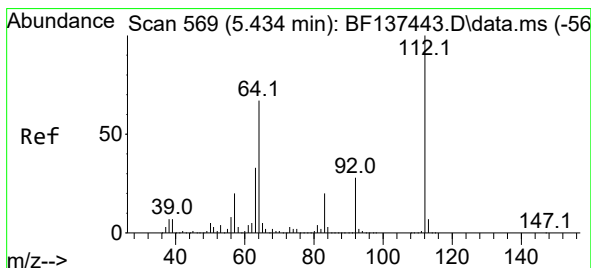
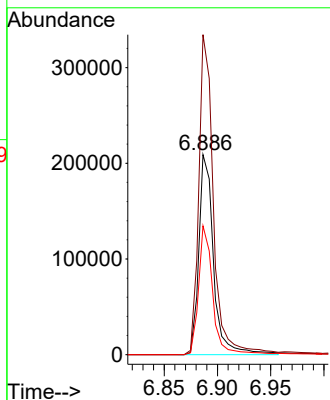
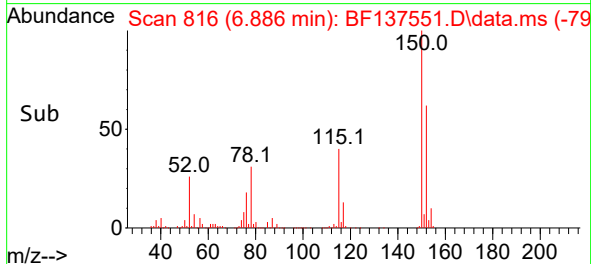


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.001 min
Lab File: BF137551.D
Acq: 08 Mar 2024 19:11

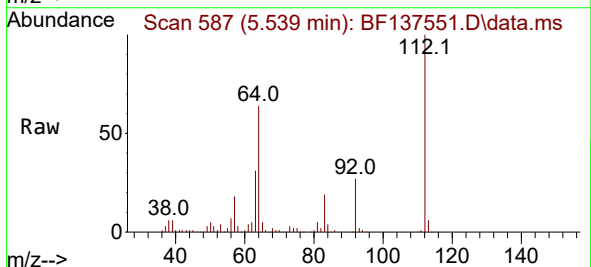
Instrument :
BNA_F
ClientSampleId :
RCA-3-COMP



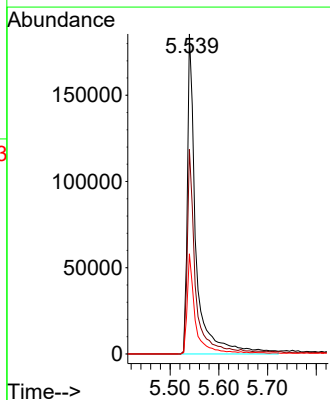
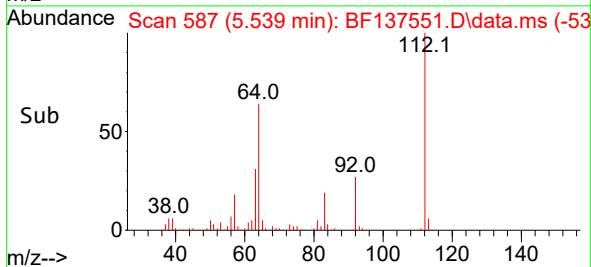
Tgt Ion:152 Resp: 202382
Ion Ratio Lower Upper
152 100
150 160.0 125.8 188.6
115 64.4 48.8 73.2

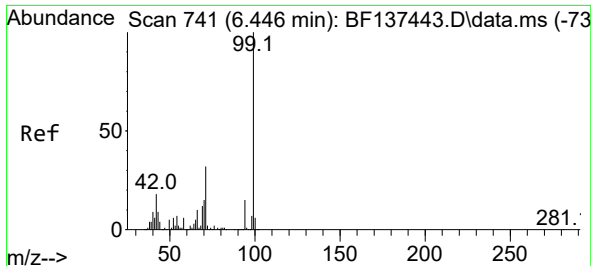


#5
2-Fluorophenol
Concen: 17.251 ng
RT: 5.539 min Scan# 587
Delta R.T. -0.006 min
Lab File: BF137551.D
Acq: 08 Mar 2024 19:11



Tgt Ion:112 Resp: 230524
Ion Ratio Lower Upper
112 100
64 63.9 53.4 80.2
63 31.3 26.2 39.2

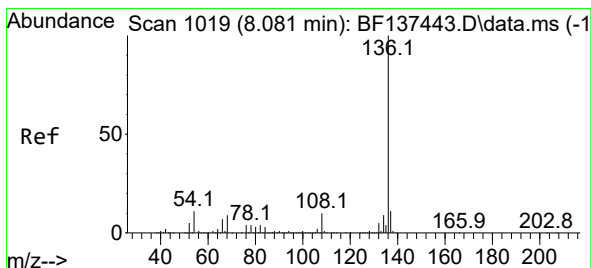
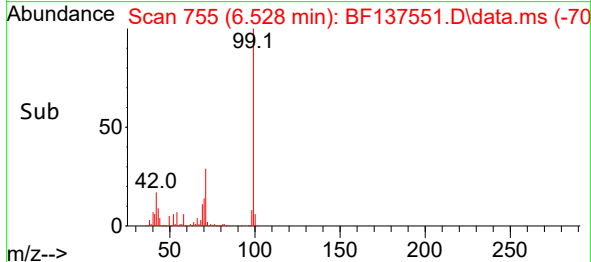
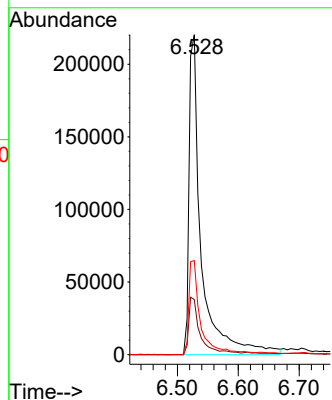
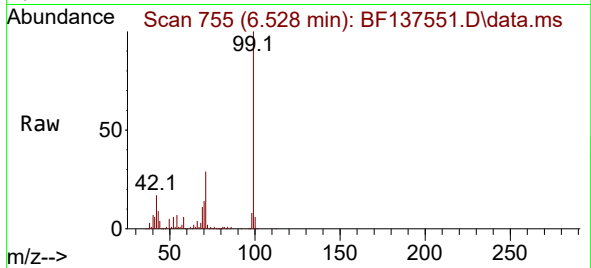




#7
Phenol-d6
Concen: 15.897 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137551.D
Acq: 08 Mar 2024 19:11

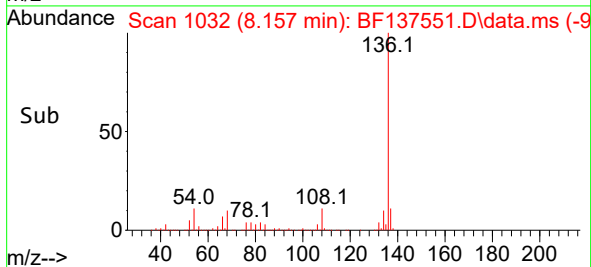
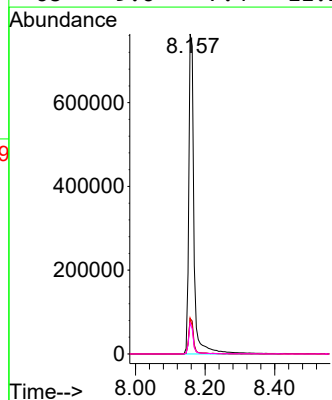
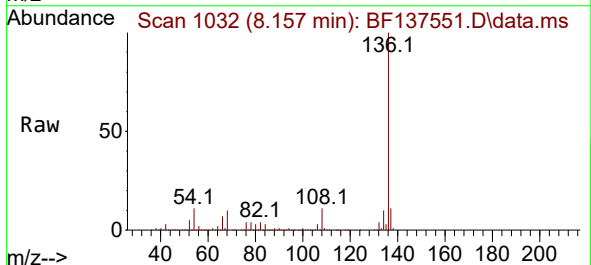
Instrument :
BNA_F
ClientSampleId :
RCA-3-COMP

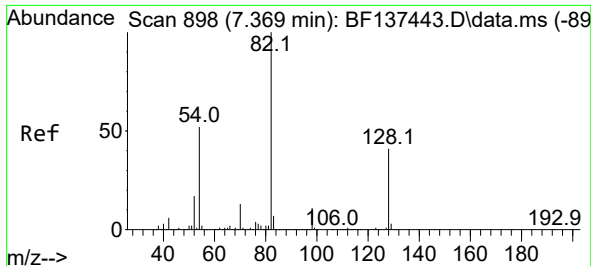
Tgt Ion: 99 Resp: 306621
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 29.4 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF137551.D
Acq: 08 Mar 2024 19:11

Tgt Ion: 136 Resp: 786070
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 11.2 8.5 12.7
68 9.6 7.4 11.2





#23

Nitrobenzene-d5

Concen: 10.078 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF137551.D

Acq: 08 Mar 2024 19:11

Instrument :

BNA_F

ClientSampleId :

RCA-3-COMP

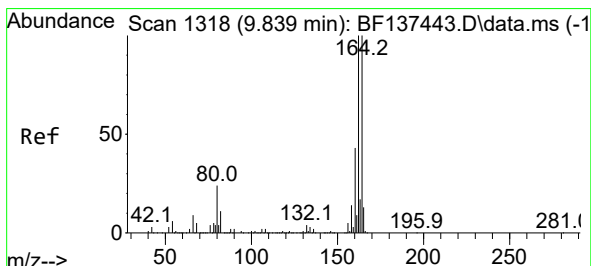
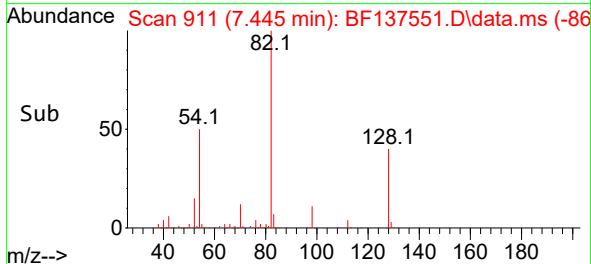
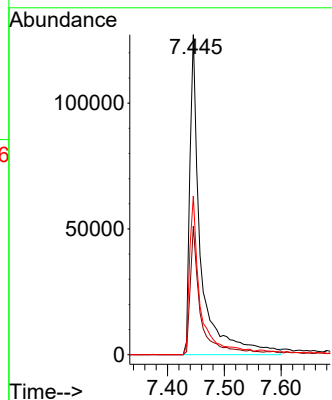
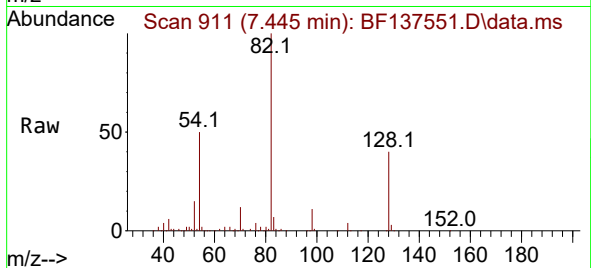
Tgt Ion: 82 Resp: 170505

Ion Ratio Lower Upper

82 100

128 40.1 32.5 48.7

54 49.6 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.000 min

Lab File: BF137551.D

Acq: 08 Mar 2024 19:11

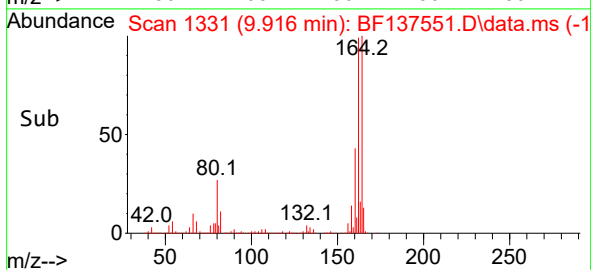
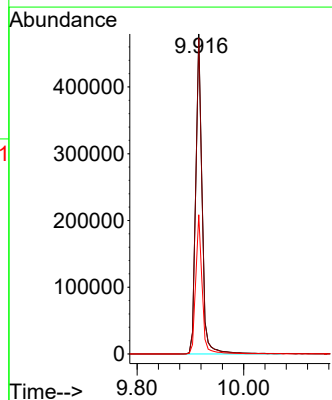
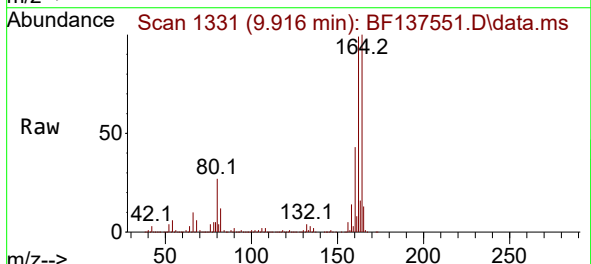
Tgt Ion: 164 Resp: 398391

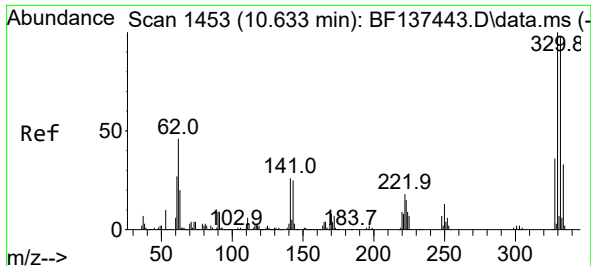
Ion Ratio Lower Upper

164 100

162 98.8 79.8 119.8

160 43.5 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 12.619 ng

RT: 10.710 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137551.D

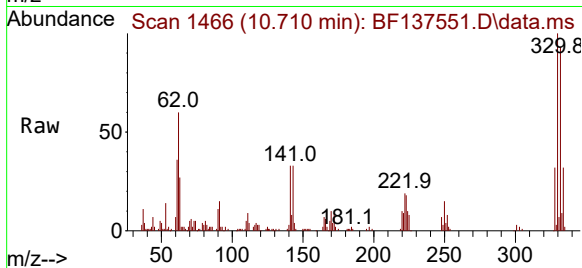
Acq: 08 Mar 2024 19:11

Instrument :

BNA_F

ClientSampleId :

RCA-3-COMP



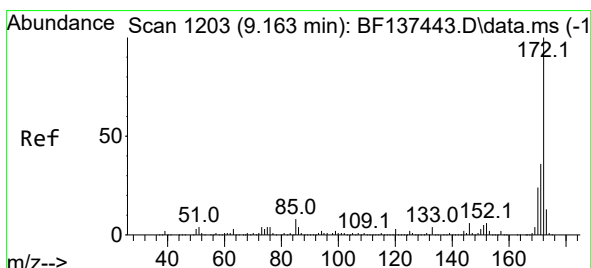
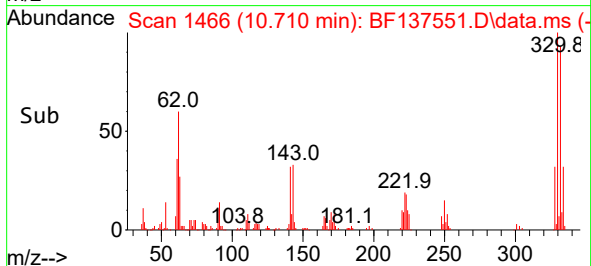
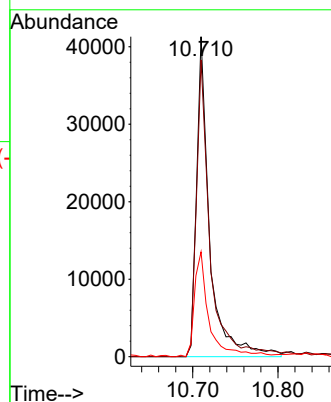
Tgt Ion:330 Resp: 44147

Ion Ratio Lower Upper

330 100

332 97.9 78.0 117.0

141 36.3 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 13.950 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.000 min

Lab File: BF137551.D

Acq: 08 Mar 2024 19:11

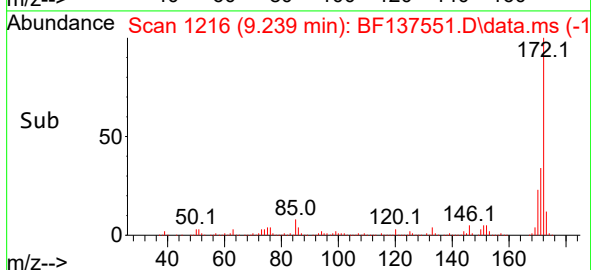
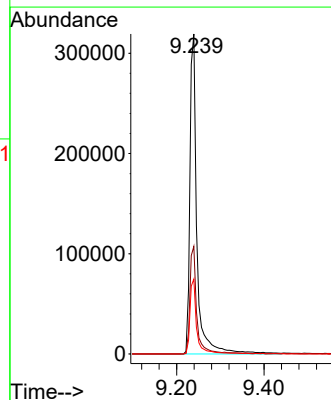
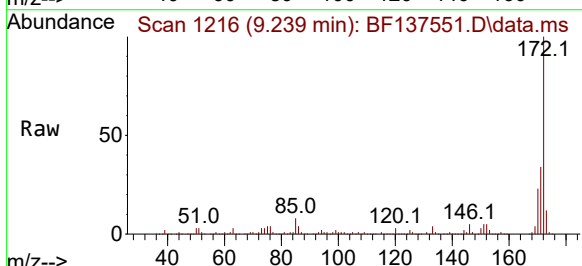
Tgt Ion:172 Resp: 355045

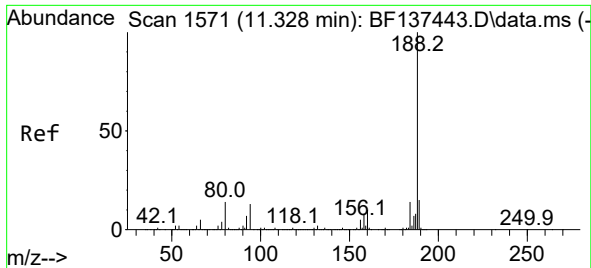
Ion Ratio Lower Upper

172 100

171 33.6 28.5 42.7

170 23.4 19.0 28.6

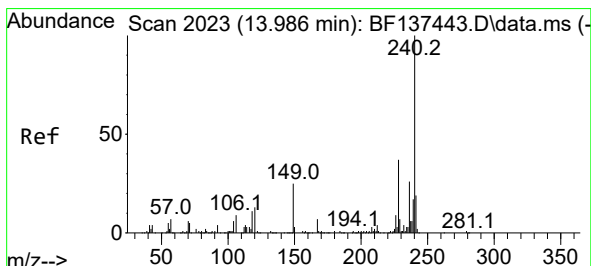
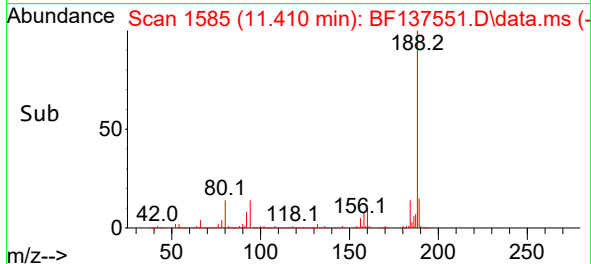
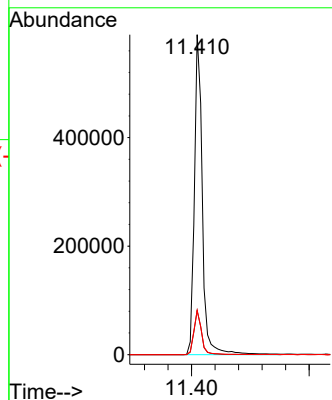
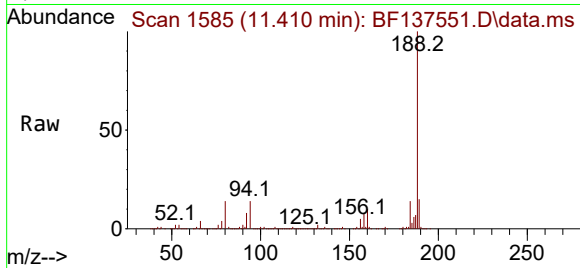




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137551.D
Acq: 08 Mar 2024 19:11

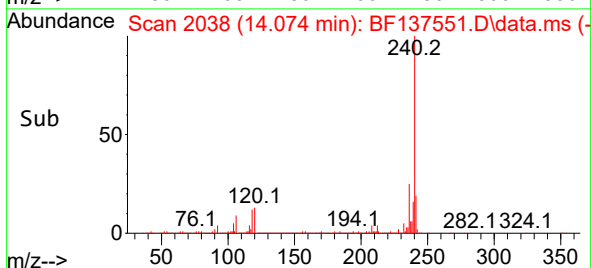
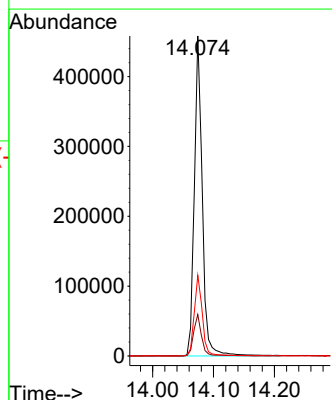
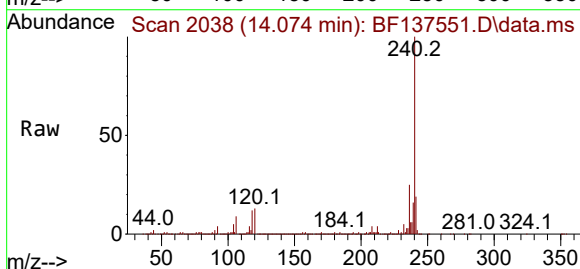
Instrument :
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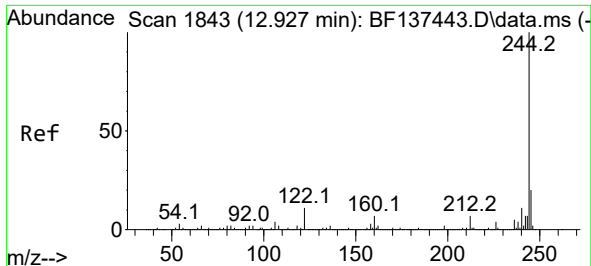
Tgt Ion:188 Resp: 555127
Ion Ratio Lower Upper
188 100
94 13.8 10.6 15.8
80 13.8 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BF137551.D
Acq: 08 Mar 2024 19:11

Tgt Ion:240 Resp: 419122
Ion Ratio Lower Upper
240 100
120 13.0 10.4 15.6
236 25.2 20.9 31.3

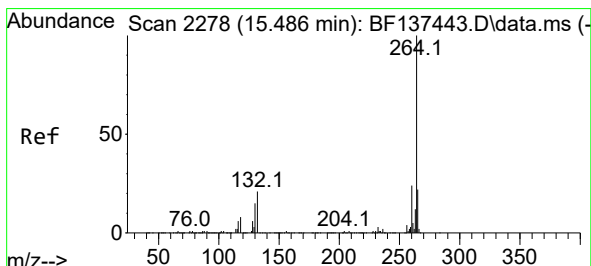
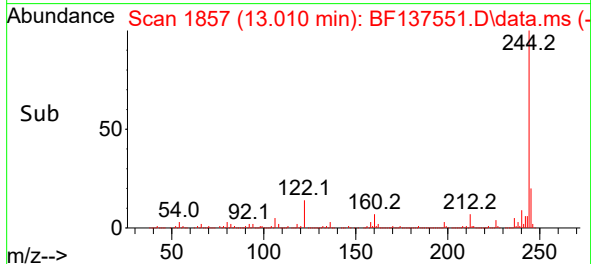
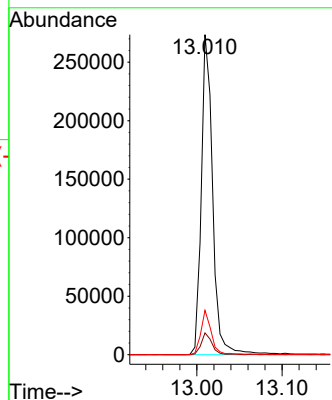
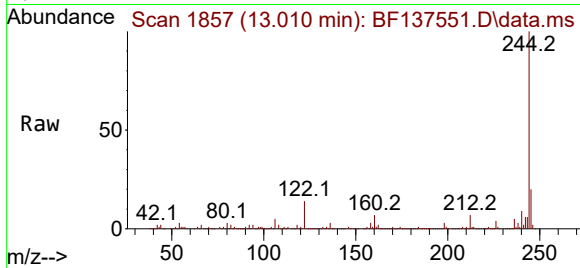




#79
 Terphenyl-d14
 Concen: 8.316 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137551.D
 Acq: 08 Mar 2024 19:11

Instrument :
 BNA_F
 ClientSampleId :
 RCA-3-COMP

Tgt Ion:244 Resp: 253461
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 13.8 9.1 13.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2301
 Delta R.T. 0.006 min
 Lab File: BF137551.D
 Acq: 08 Mar 2024 19:11

Tgt Ion:264 Resp: 409770
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 21.6 17.4 26.0

