

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
 Data File : BF137548.D
 Acq On : 08 Mar 2024 17:40
 Operator : CG\JU
 Sample : P1710-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-030724

Quant Time: Mar 08 22:18:57 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	217595	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	834098	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	438791	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	666613	20.000	ng	0.00
76) Chrysene-d12	14.080	240	425526	20.000	ng	0.00
86) Perylene-d12	15.627	264	463893	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	264103	18.383	ng	0.00
7) Phenol-d6	6.528	99	366014	17.649	ng	0.00
23) Nitrobenzene-d5	7.451	82	211289	11.770	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	60716	15.757	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	404486	14.430	ng	0.00
79) Terphenyl-d14	13.016	244	292695	9.459	ng	0.00

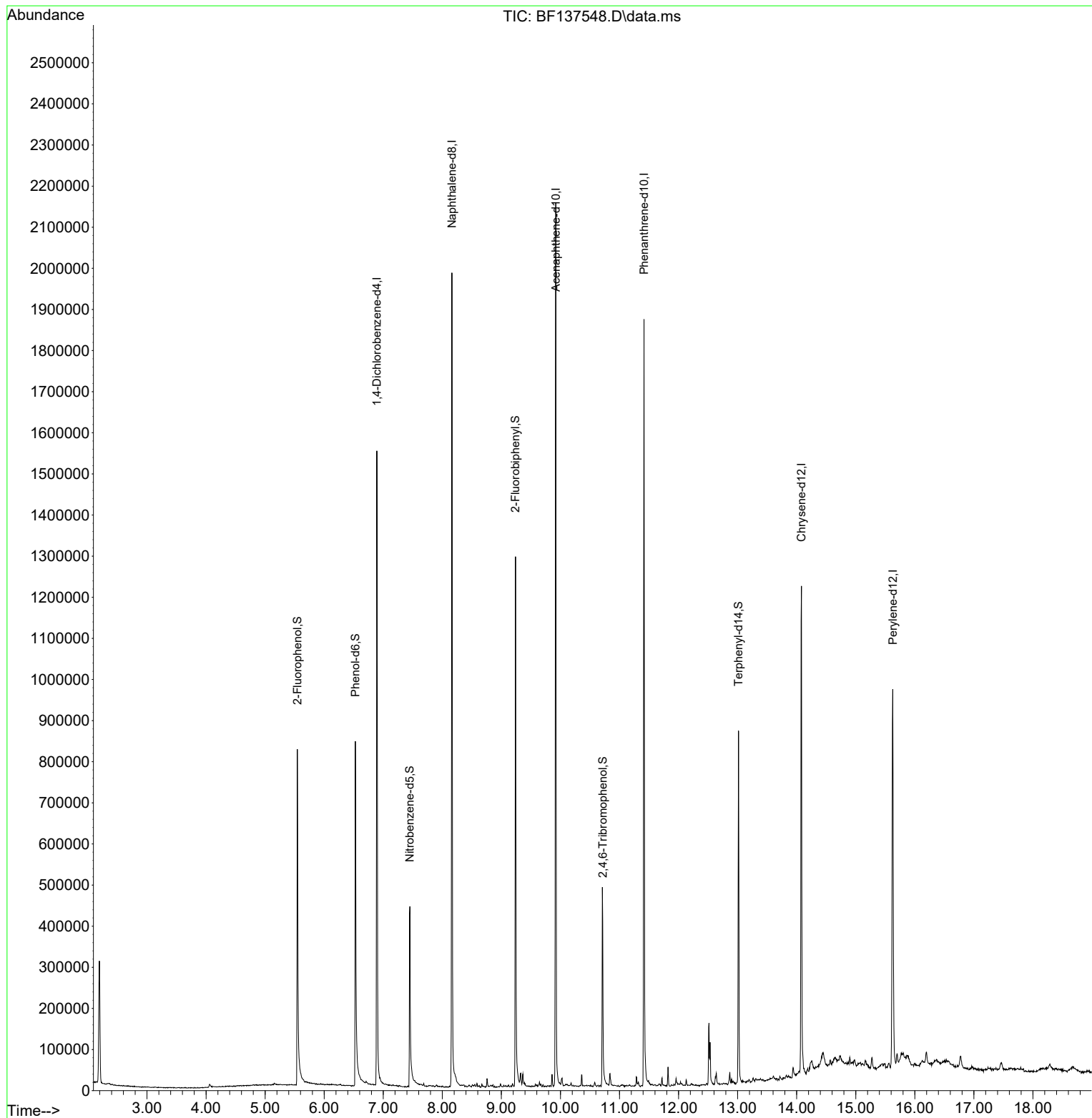
Target Compounds	Qvalue

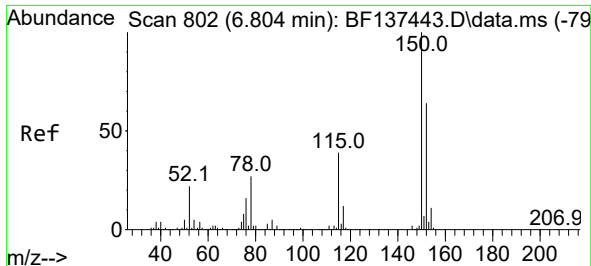
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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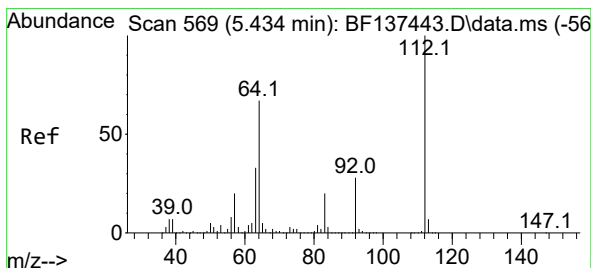
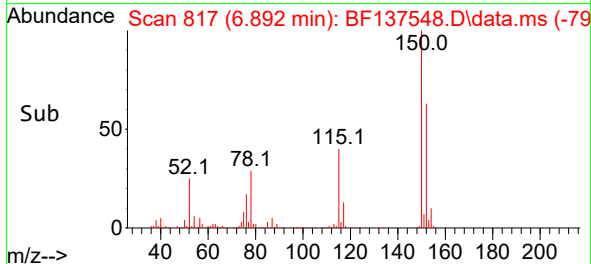
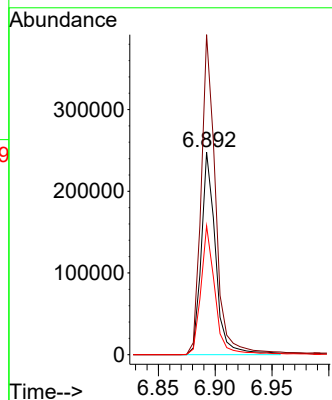
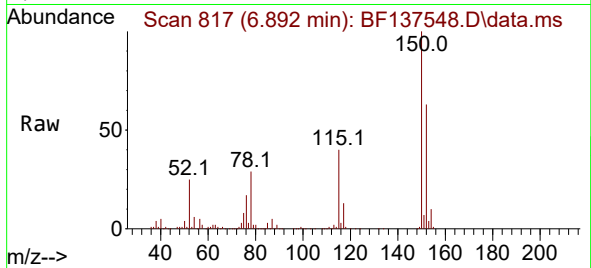




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.005 min
Lab File: BF137548.D
Acq: 08 Mar 2024 17:40

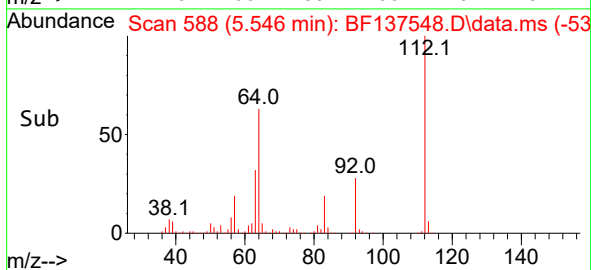
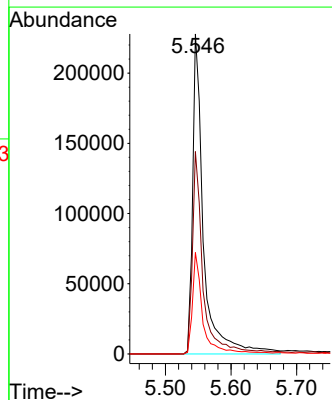
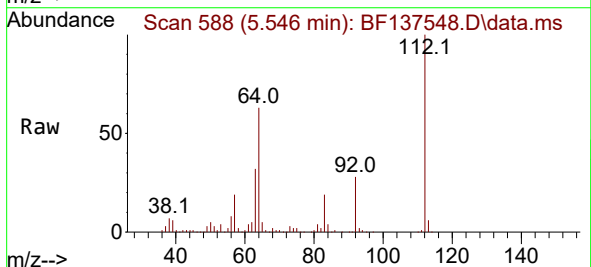
Instrument :
BNA_F
ClientSampleId :
TR-04-030724

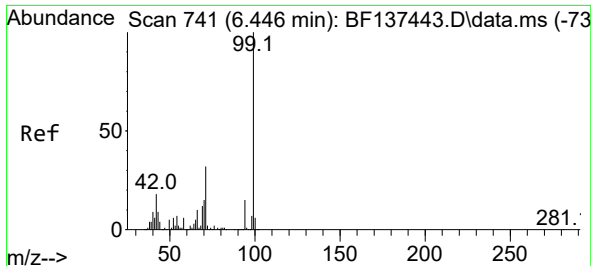
Tgt Ion:152 Resp: 217595
Ion Ratio Lower Upper
152 100
150 158.0 125.8 188.6
115 63.6 48.8 73.2



#5
2-Fluorophenol
Concen: 18.383 ng
RT: 5.546 min Scan# 588
Delta R.T. 0.000 min
Lab File: BF137548.D
Acq: 08 Mar 2024 17:40

Tgt Ion:112 Resp: 264103
Ion Ratio Lower Upper
112 100
64 63.3 53.4 80.2
63 31.7 26.2 39.2

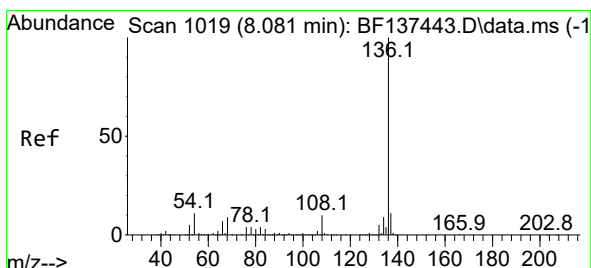
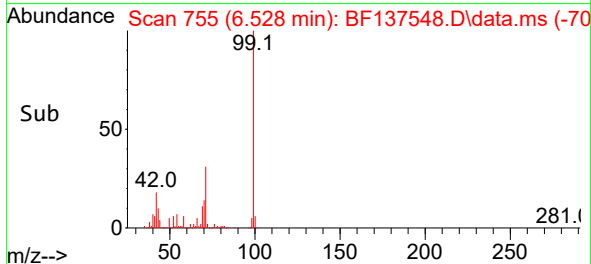
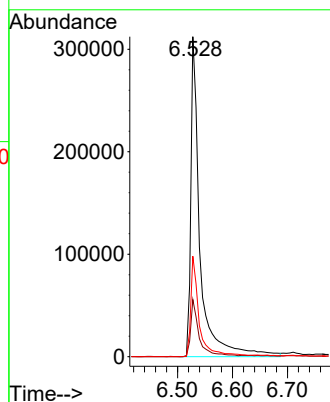
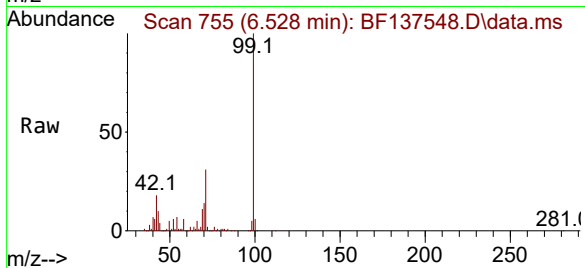




#7
Phenol-d6
Concen: 17.649 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137548.D
Acq: 08 Mar 2024 17:40

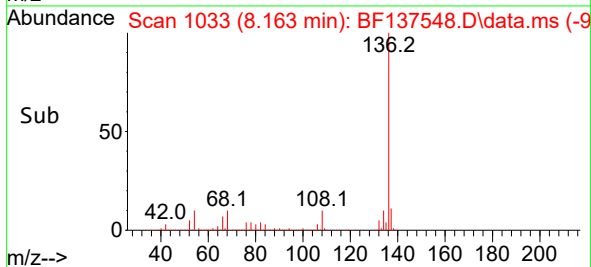
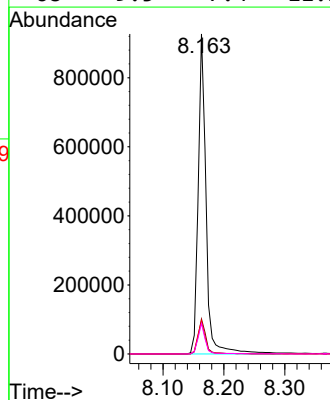
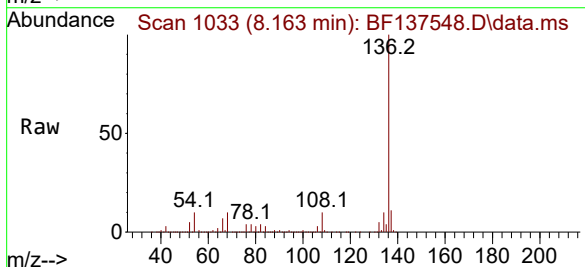
Instrument :
BNA_F
ClientSampleId :
TR-04-030724

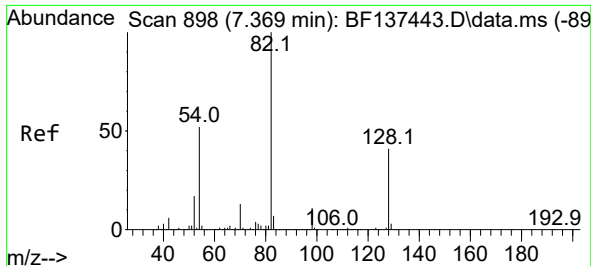
Tgt Ion: 99 Resp: 366014
Ion Ratio Lower Upper
99 100
42 17.8 14.6 21.8
71 31.4 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BF137548.D
Acq: 08 Mar 2024 17:40

Tgt Ion: 136 Resp: 834098
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 10.4 8.5 12.7
68 9.5 7.4 11.2





#23

Nitrobenzene-d5

Concen: 11.770 ng

RT: 7.451 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF137548.D

Acq: 08 Mar 2024 17:40

Instrument :

BNA_F

ClientSampleId :

TR-04-030724

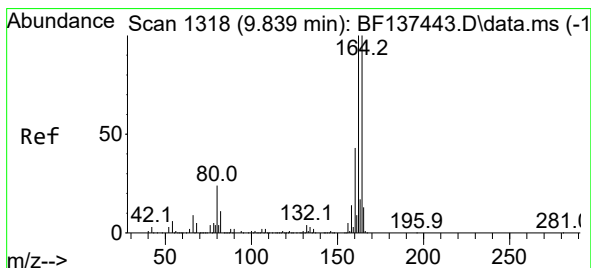
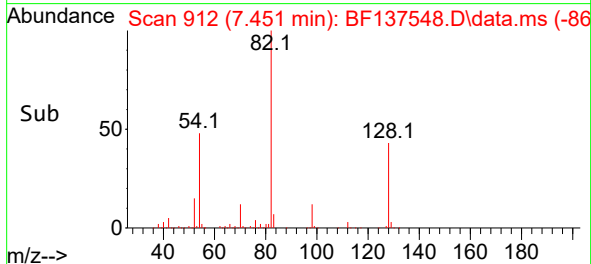
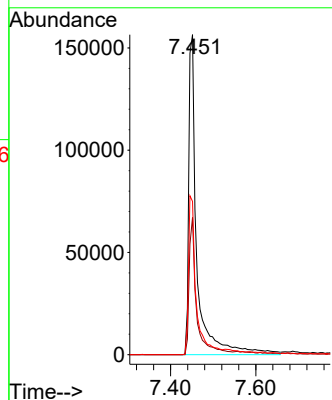
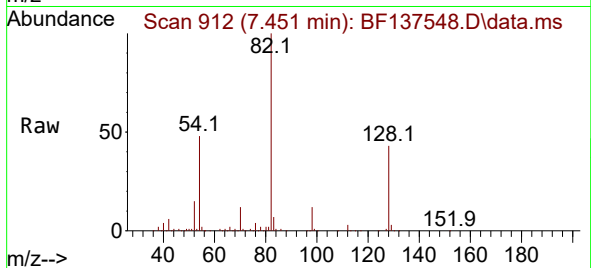
Tgt Ion: 82 Resp: 211289

Ion Ratio Lower Upper

82 100

128 42.8 32.5 48.7

54 47.9 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: BF137548.D

Acq: 08 Mar 2024 17:40

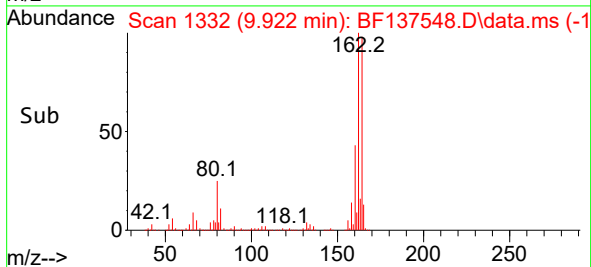
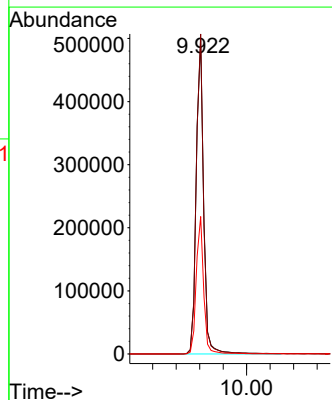
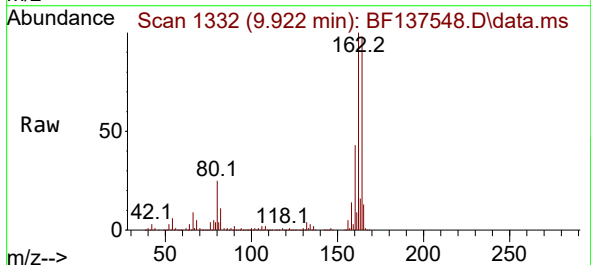
Tgt Ion:164 Resp: 438791

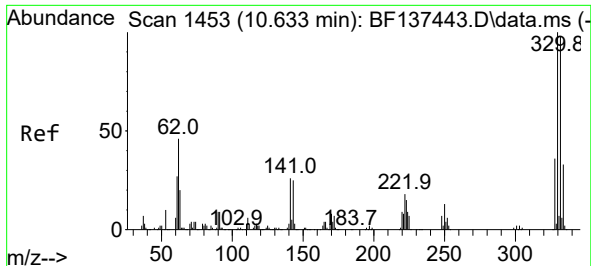
Ion Ratio Lower Upper

164 100

162 101.6 79.8 119.8

160 43.6 34.4 51.6

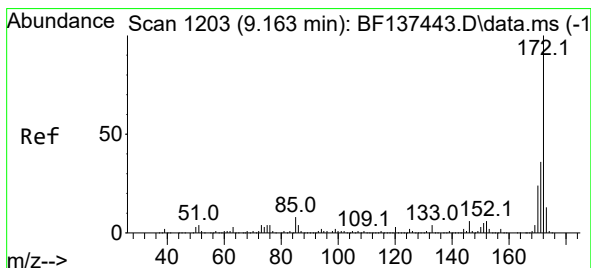
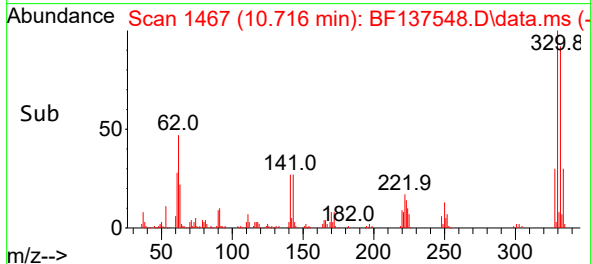
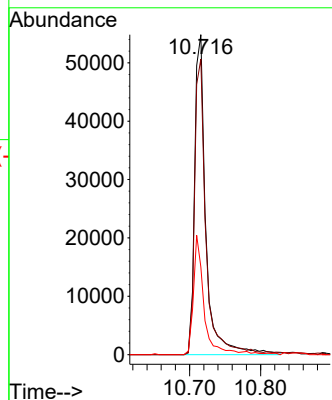
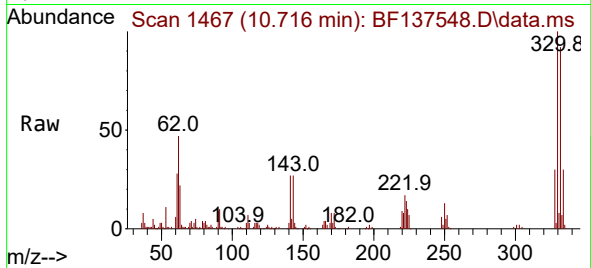




#42
2,4,6-Tribromophenol
Concen: 15.757 ng
RT: 10.716 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF137548.D
Acq: 08 Mar 2024 17:40

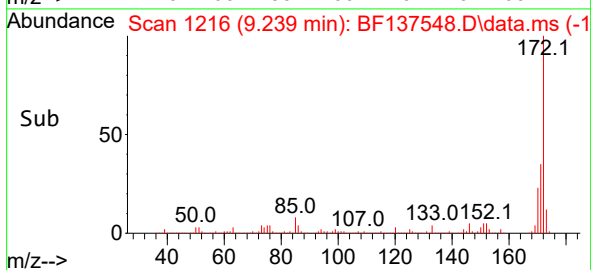
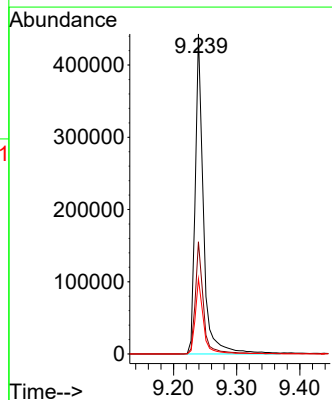
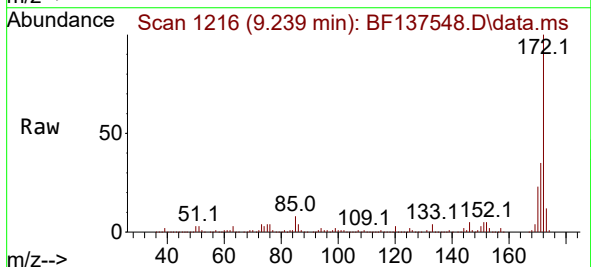
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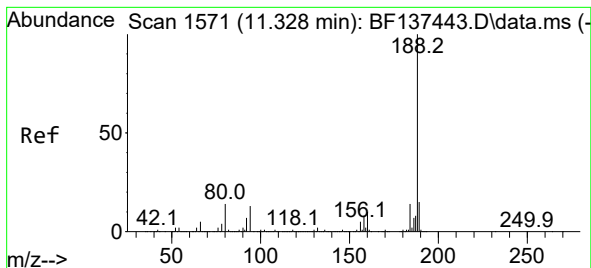
Tgt Ion:330 Resp: 60716
Ion Ratio Lower Upper
330 100
332 92.6 78.0 117.0
141 35.3 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 14.430 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF137548.D
Acq: 08 Mar 2024 17:40

Tgt Ion:172 Resp: 404486
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.5 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: BF137548.D

Acq: 08 Mar 2024 17:40

Instrument :

BNA_F

ClientSampleId :

TR-04-030724

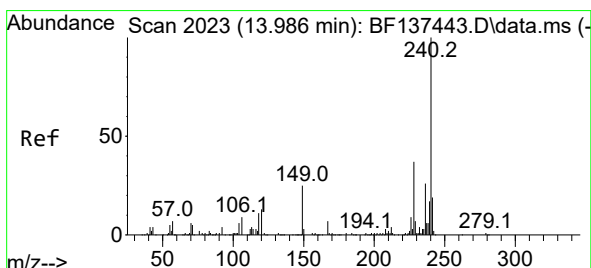
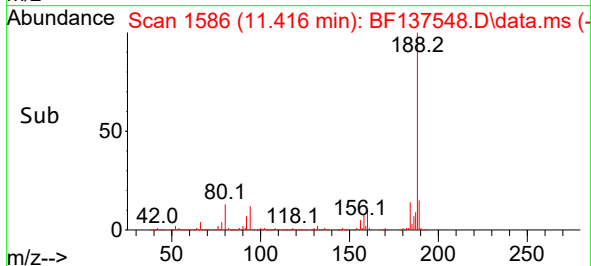
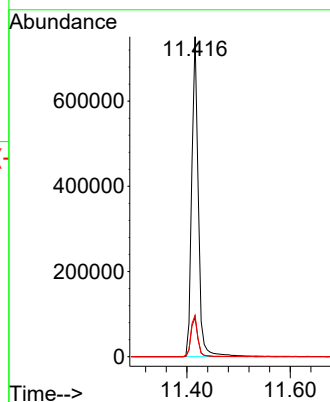
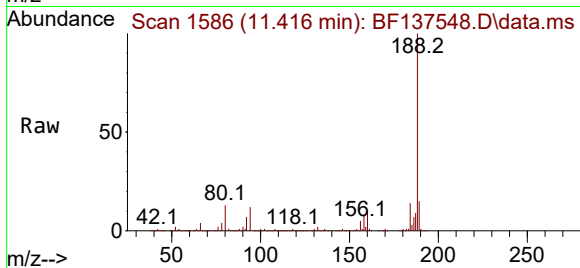
Tgt Ion:188 Resp: 666613

Ion Ratio Lower Upper

188 100

94 12.1 10.6 15.8

80 12.9 11.5 17.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF137548.D

Acq: 08 Mar 2024 17:40

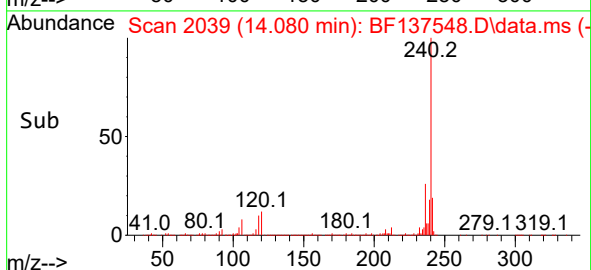
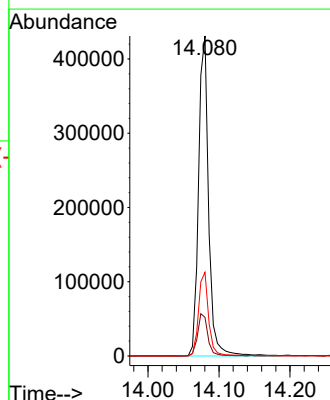
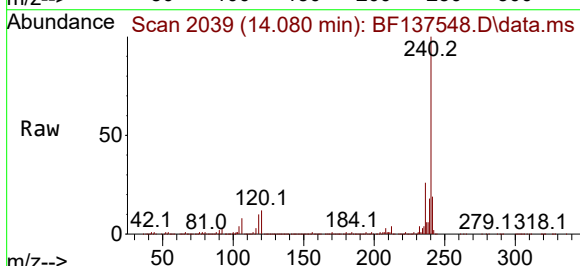
Tgt Ion:240 Resp: 425526

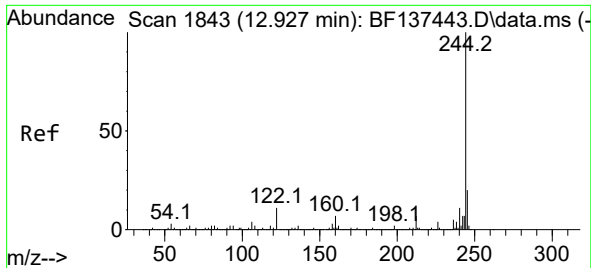
Ion Ratio Lower Upper

240 100

120 12.1 10.4 15.6

236 26.2 20.9 31.3

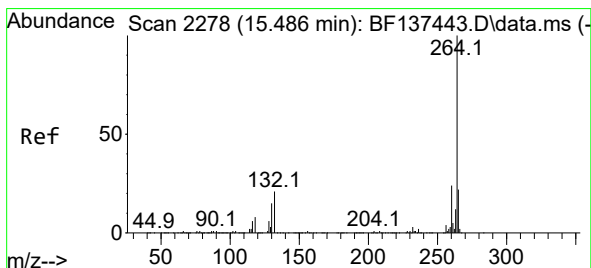
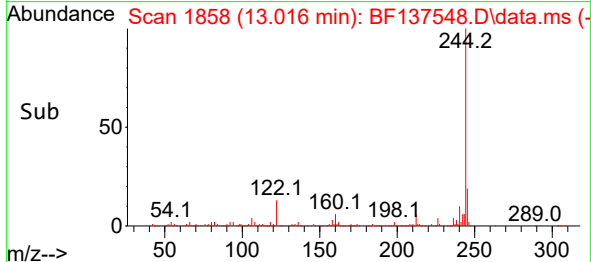
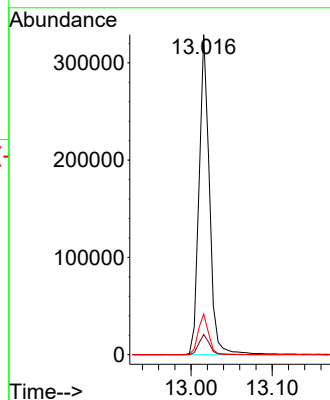
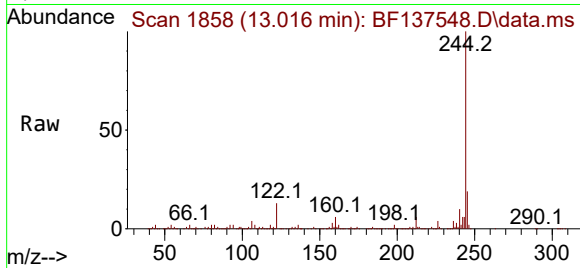




#79
 Terphenyl-d14
 Concen: 9.459 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF137548.D
 Acq: 08 Mar 2024 17:40

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-030724

Tgt Ion:244 Resp: 292695
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.2
 122 12.7 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 2302
 Delta R.T. 0.012 min
 Lab File: BF137548.D
 Acq: 08 Mar 2024 17:40

Tgt Ion:264 Resp: 463893
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.3 28.9
 265 21.3 17.4 26.0

