

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
 Data File : BF137542.D
 Acq On : 08 Mar 2024 14:41
 Operator : CG\JU
 Sample : P1705-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Mar 08 22:16:17 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	6.881	152	221717	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	866653	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	466984	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	778475	20.000	ng	0.00
76) Chrysene-d12	14.069	240	463092	20.000	ng	0.00
86) Perylene-d12	15.610	264	464999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1264998	86.411	ng	0.00
7) Phenol-d6	6.528	99	1731665	81.948	ng	0.00
23) Nitrobenzene-d5	7.440	82	1047294	56.149	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	347880	84.830	ng	-0.01
45) 2-Fluorobiphenyl	9.234	172	1640295	54.984	ng	0.00
79) Terphenyl-d14	13.010	244	1539957	45.728	ng	0.00

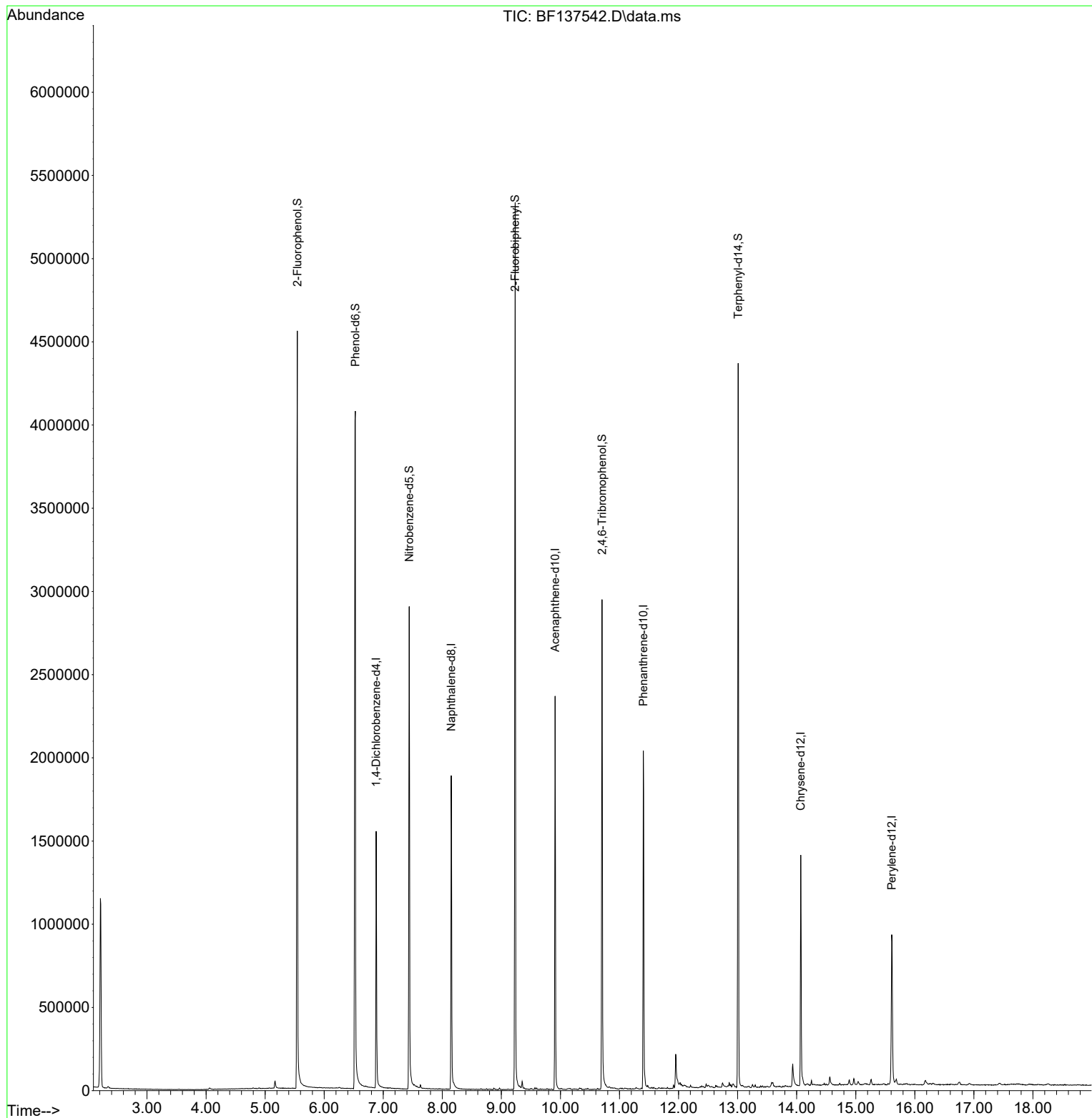
Target Compounds	Qvalue

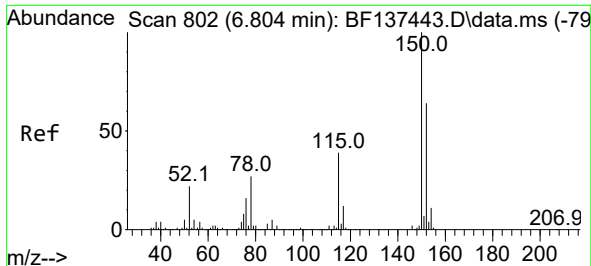
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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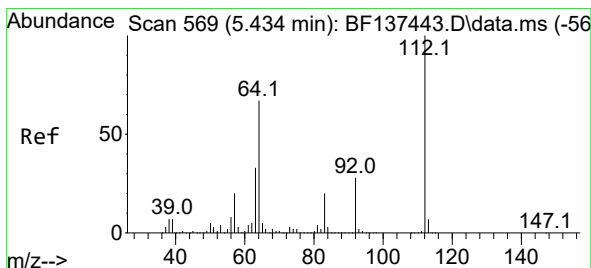
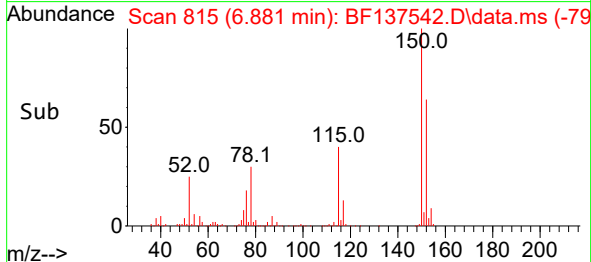
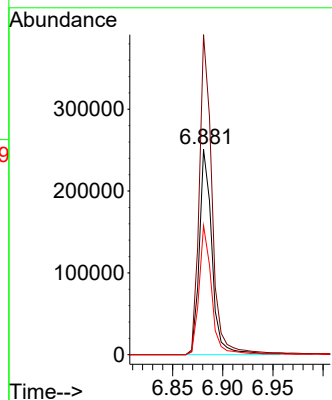
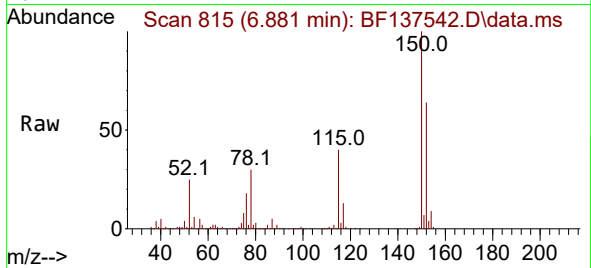




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF137542.D
Acq: 08 Mar 2024 14:41

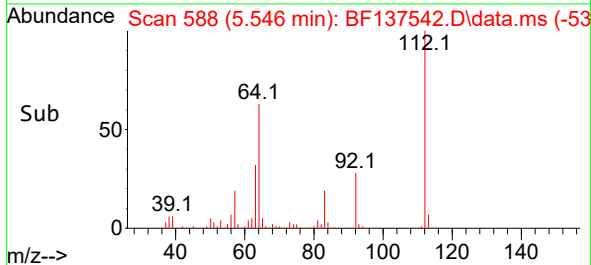
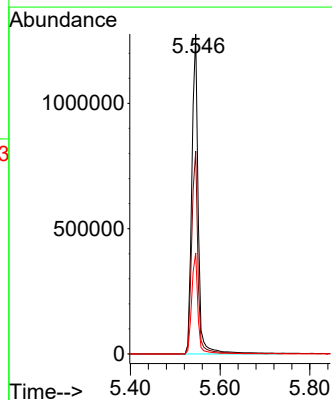
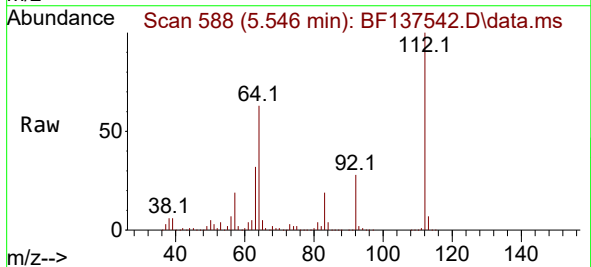
Instrument :
BNA_F
ClientSampleId :
TP-2

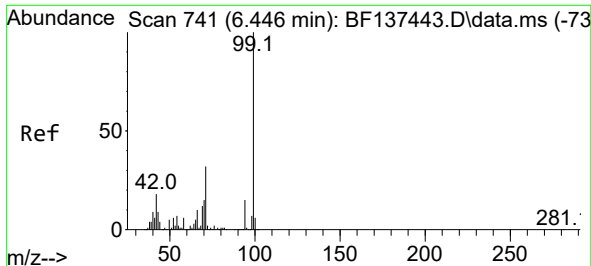
Tgt Ion:152 Resp: 221717
Ion Ratio Lower Upper
152 100
150 155.9 125.8 188.6
115 62.9 48.8 73.2



#5
2-Fluorophenol
Concen: 86.411 ng
RT: 5.546 min Scan# 588
Delta R.T. 0.000 min
Lab File: BF137542.D
Acq: 08 Mar 2024 14:41

Tgt Ion:112 Resp: 1264998
Ion Ratio Lower Upper
112 100
64 63.4 53.4 80.2
63 31.5 26.2 39.2

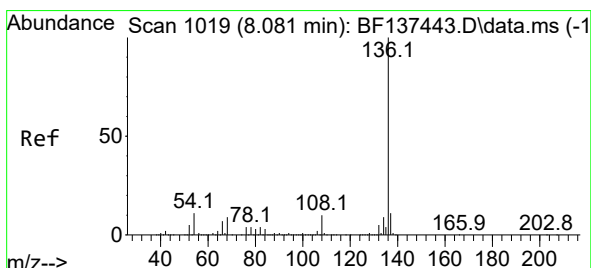
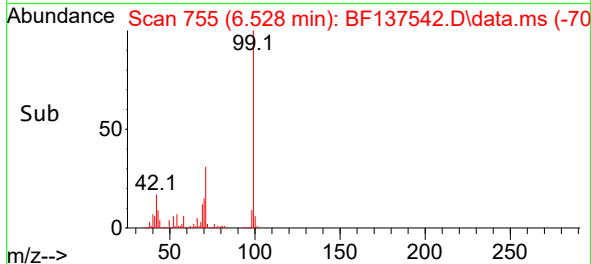
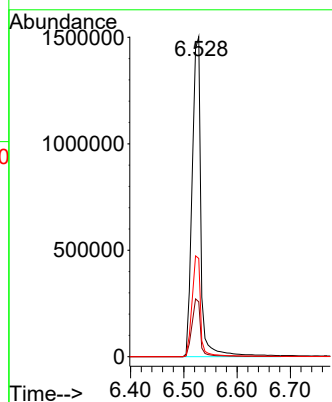
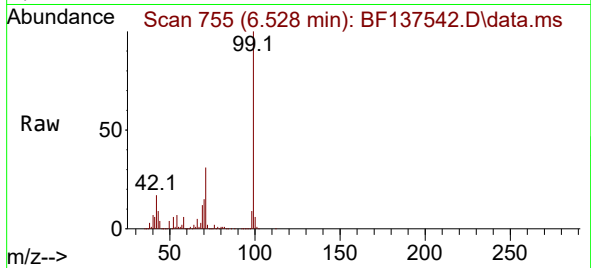




#7
Phenol-d6
Concen: 81.948 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137542.D
Acq: 08 Mar 2024 14:41

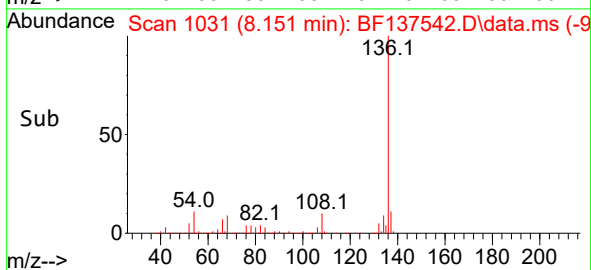
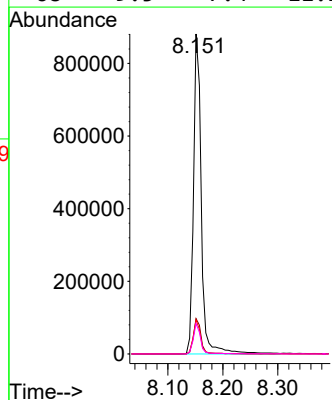
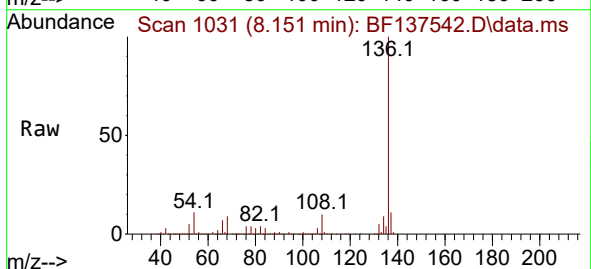
Instrument :
BNA_F
ClientSampleId :
TP-2

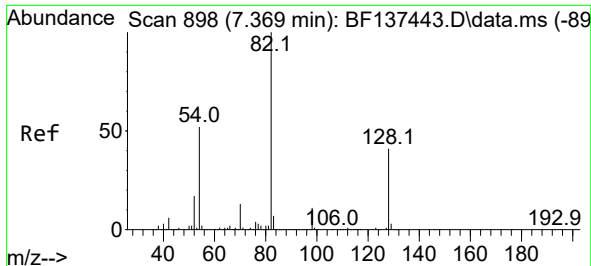
Tgt Ion: 99 Resp: 1731665
Ion Ratio Lower Upper
99 100
42 17.2 14.6 21.8
71 30.7 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF137542.D
Acq: 08 Mar 2024 14:41

Tgt Ion: 136 Resp: 866653
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.7 8.5 12.7
68 9.5 7.4 11.2





#23

Nitrobenzene-d5

Concen: 56.149 ng

RT: 7.440 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137542.D

Acq: 08 Mar 2024 14:41

Instrument :

BNA_F

ClientSampleId :

TP-2

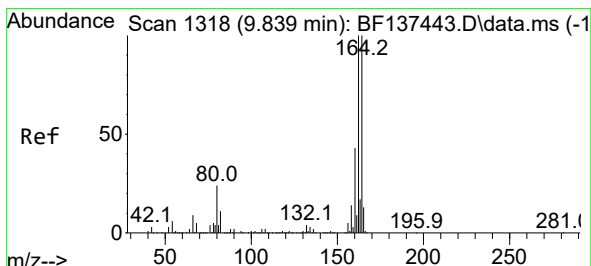
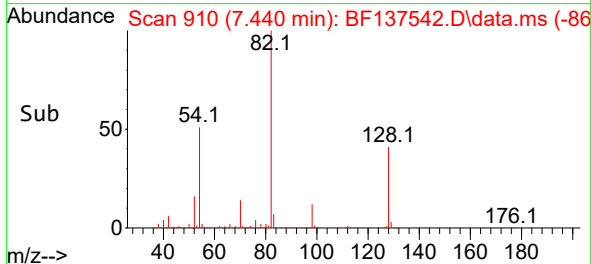
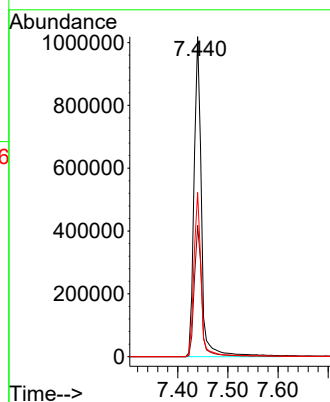
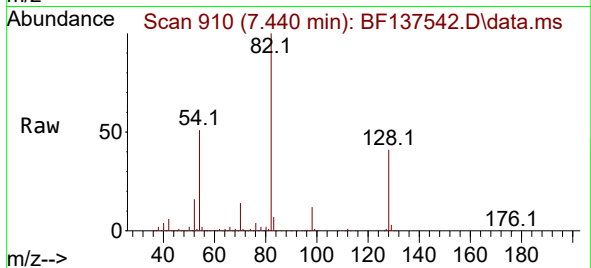
Tgt Ion: 82 Resp: 1047294

Ion Ratio Lower Upper

82 100

128 41.0 32.5 48.7

54 51.3 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF137542.D

Acq: 08 Mar 2024 14:41

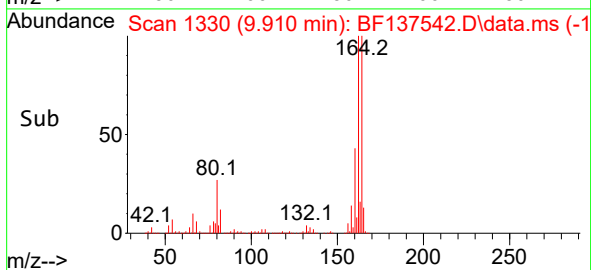
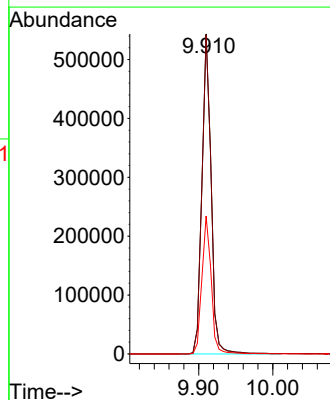
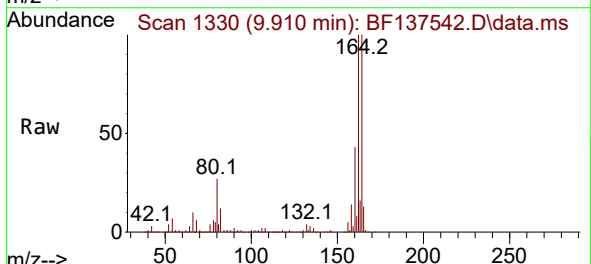
Tgt Ion:164 Resp: 466984

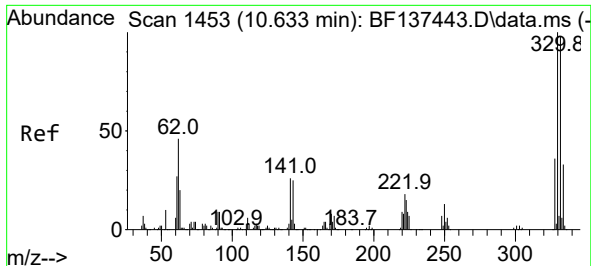
Ion Ratio Lower Upper

164 100

162 99.6 79.8 119.8

160 43.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 84.830 ng

RT: 10.704 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF137542.D

Acq: 08 Mar 2024 14:41

Instrument :

BNA_F

ClientSampleId :

TP-2

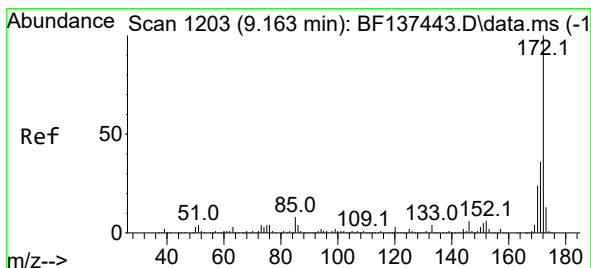
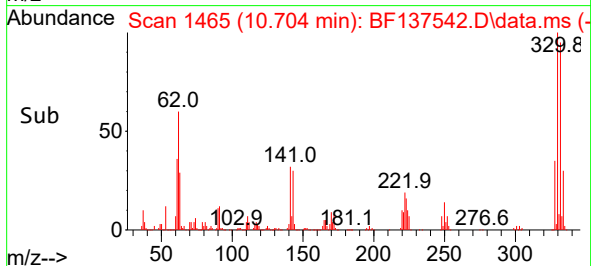
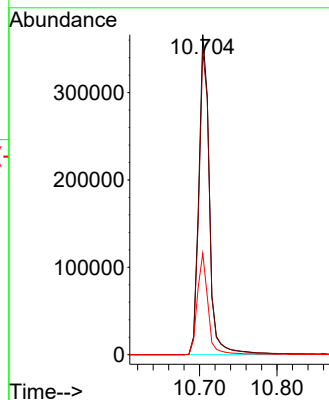
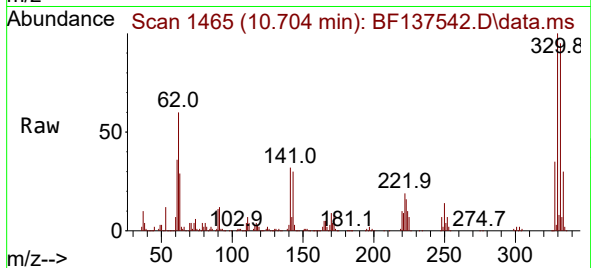
Tgt Ion:330 Resp: 347880

Ion Ratio Lower Upper

330 100

332 97.2 78.0 117.0

141 32.0 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 54.984 ng

RT: 9.234 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF137542.D

Acq: 08 Mar 2024 14:41

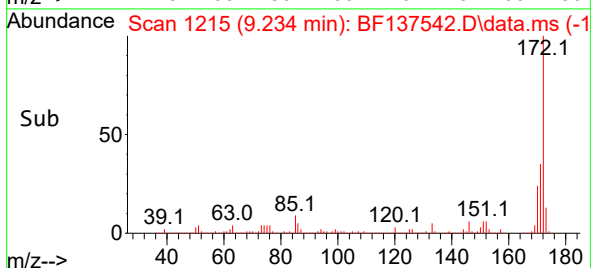
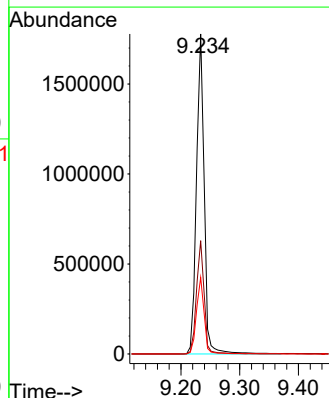
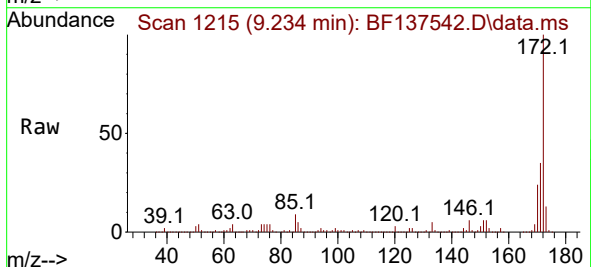
Tgt Ion:172 Resp: 1640295

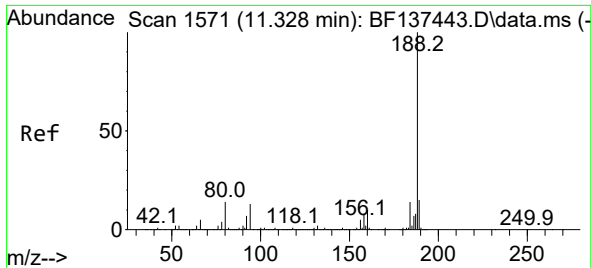
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.9 19.0 28.6

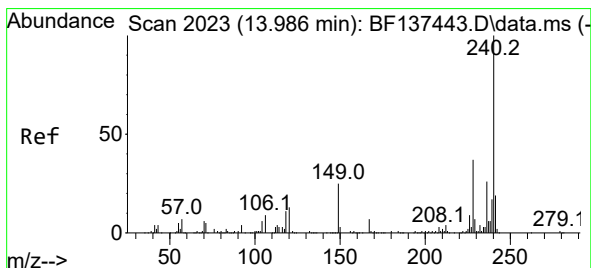
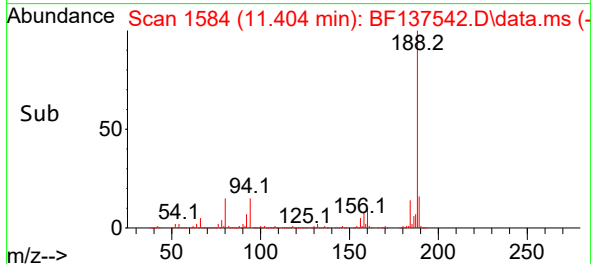
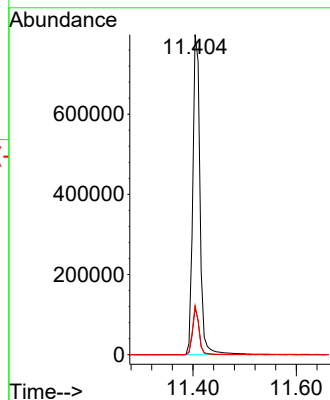
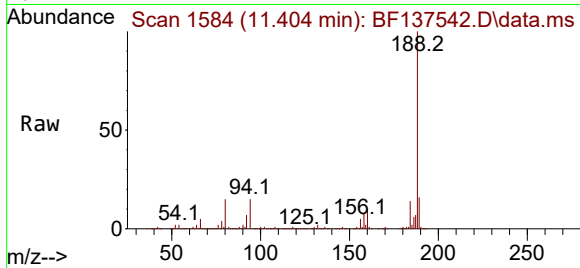




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137542.D
Acq: 08 Mar 2024 14:41

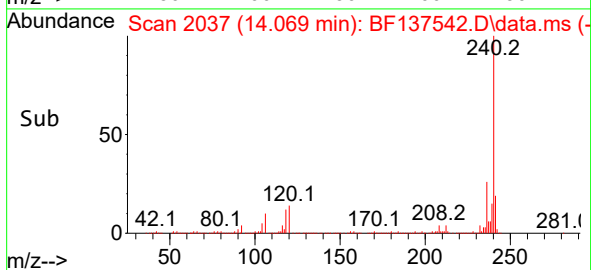
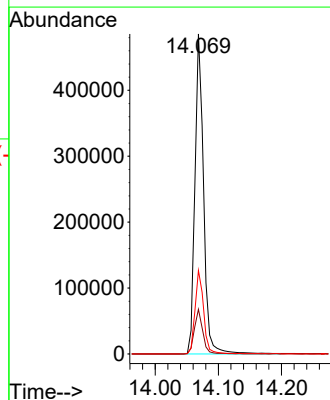
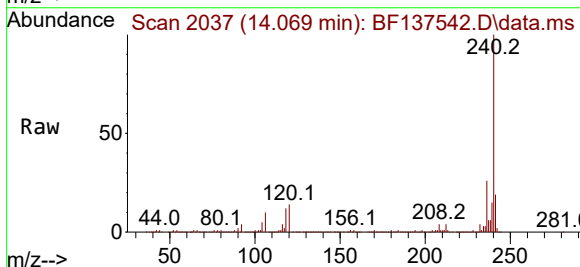
Instrument :
BNA_F
ClientSampleId :
TP-2

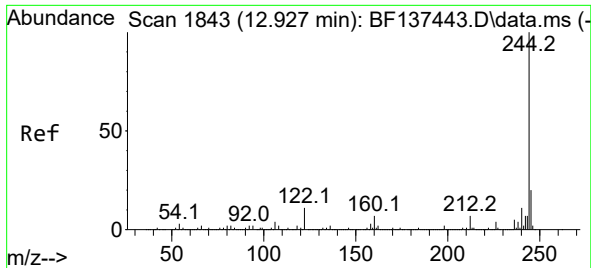
Tgt Ion:188 Resp: 778475
Ion Ratio Lower Upper
188 100
94 14.5 10.6 15.8
80 15.3 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF137542.D
Acq: 08 Mar 2024 14:41

Tgt Ion:240 Resp: 463092
Ion Ratio Lower Upper
240 100
120 14.0 10.4 15.6
236 26.1 20.9 31.3

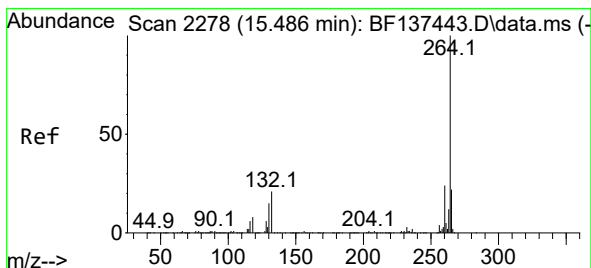
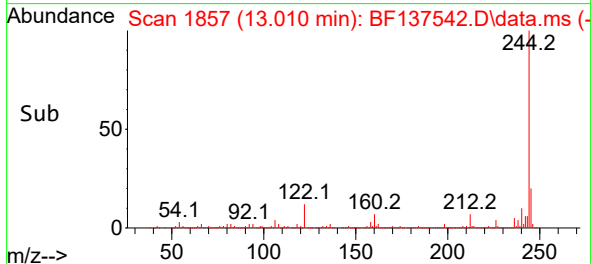
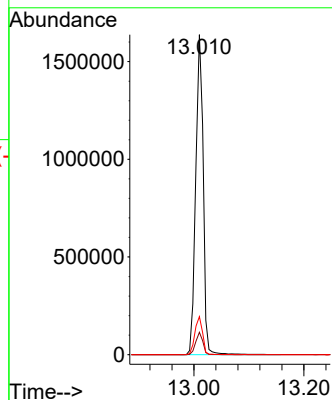
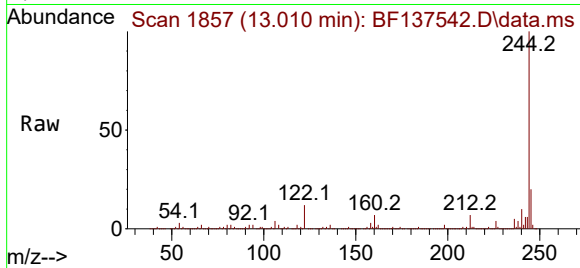




#79
 Terphenyl-d14
 Concen: 45.728 ng
 RT: 13.010 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF137542.D
 Acq: 08 Mar 2024 14:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 1539957
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.9 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.610 min Scan# 2299
 Delta R.T. -0.006 min
 Lab File: BF137542.D
 Acq: 08 Mar 2024 14:41

Tgt Ion:264 Resp: 464999
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.1 17.4 26.0

