

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
 Data File : BF137631.D
 Acq On : 18 Mar 2024 15:07
 Operator : CG\JU
 Sample : P1326-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1

Quant Time: Mar 18 15:27:08 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	6.722	152	112935	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	447880	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	251857	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	436542	20.000	ng	0.00
76) Chrysene-d12	13.874	240	262232	20.000	ng	0.00
86) Perylene-d12	15.298	264	261293	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	682807	91.569	ng	0.00
7) Phenol-d6	6.357	99	924663	85.907	ng	-0.01
23) Nitrobenzene-d5	7.287	82	530233	55.008	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	206878	93.536	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	959559	59.639	ng	0.00
79) Terphenyl-d14	12.822	244	1027231	53.866	ng	0.00

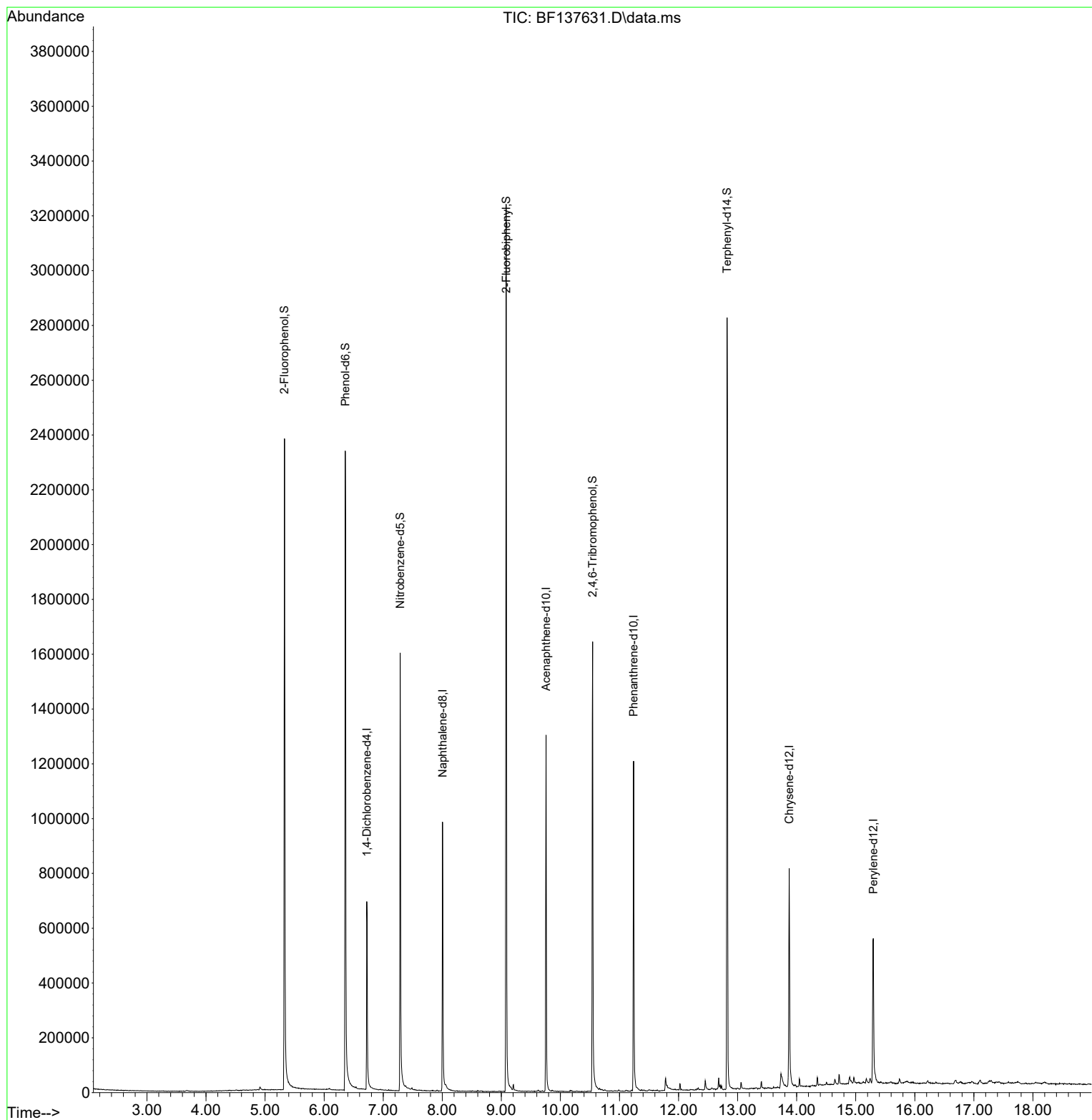
Target Compounds	Qvalue

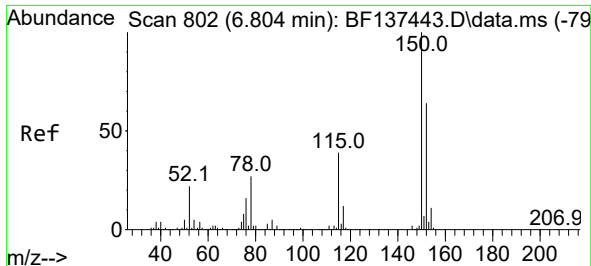
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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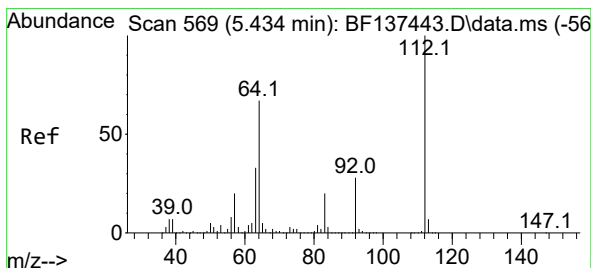
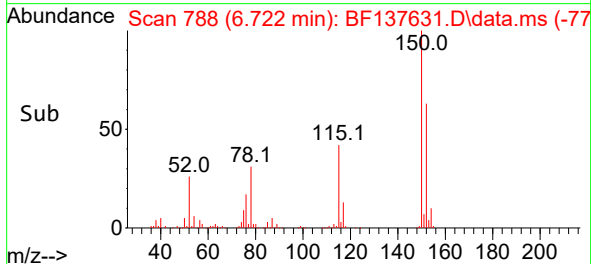
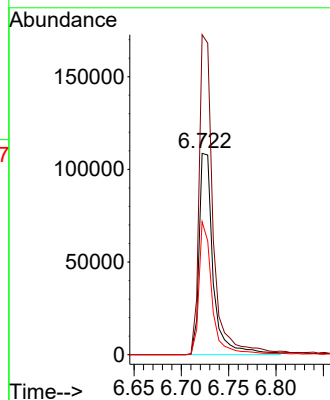
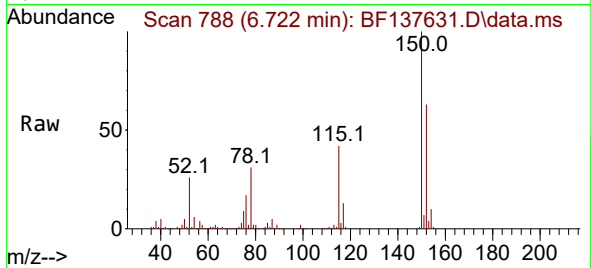




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137631.D
Acq: 18 Mar 2024 15:07

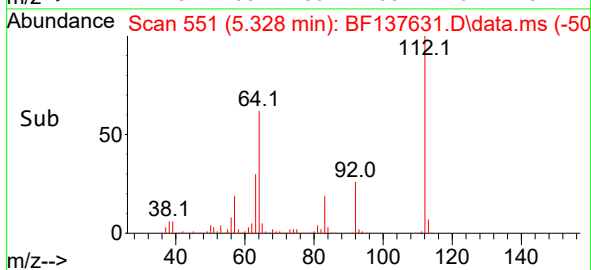
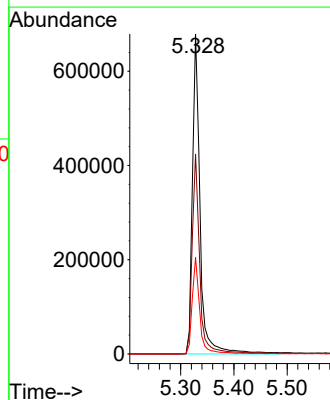
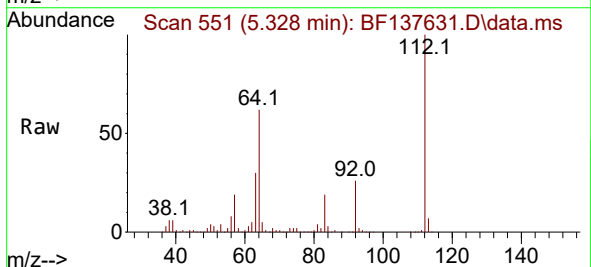
Instrument :
BNA_F
ClientSampleId :
1

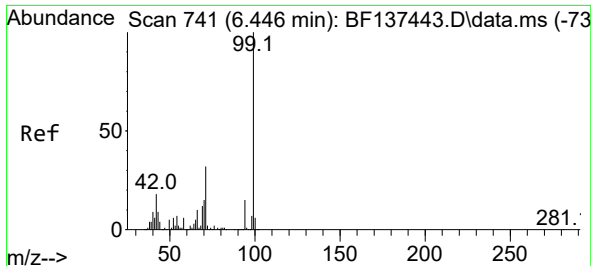
Tgt Ion:152 Resp: 112935
Ion Ratio Lower Upper
152 100
150 158.9 125.8 188.6
115 66.0 48.8 73.2



#5
2-Fluorophenol
Concen: 91.569 ng
RT: 5.328 min Scan# 551
Delta R.T. -0.006 min
Lab File: BF137631.D
Acq: 18 Mar 2024 15:07

Tgt Ion:112 Resp: 682807
Ion Ratio Lower Upper
112 100
64 62.5 53.4 80.2
63 30.2 26.2 39.2

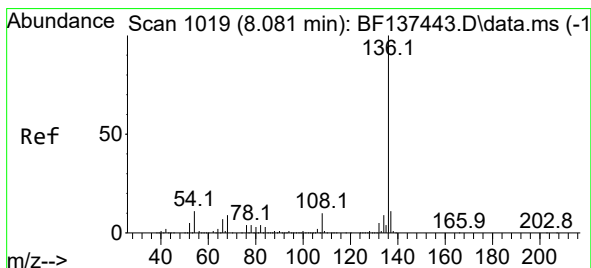
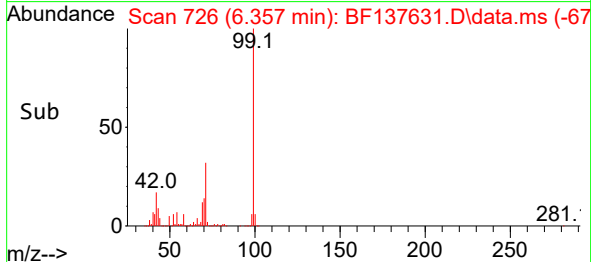
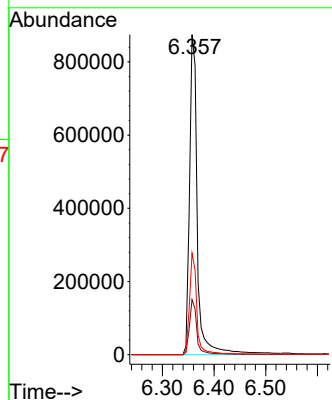
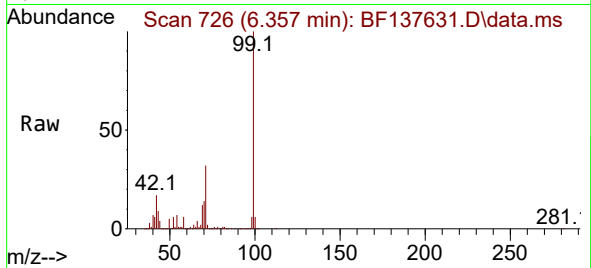




#7
Phenol-d6
Concen: 85.907 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137631.D
Acq: 18 Mar 2024 15:07

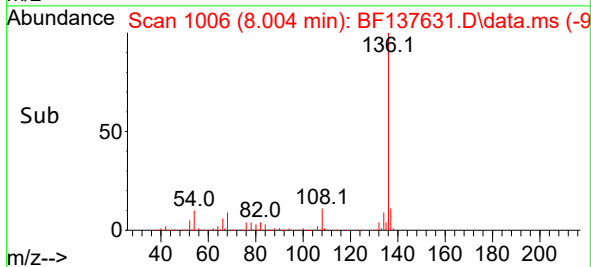
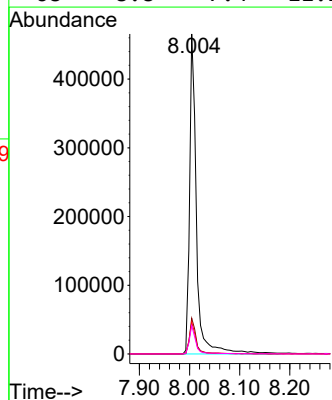
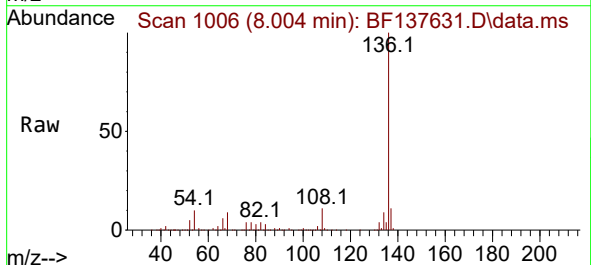
Instrument :
BNA_F
ClientSampleId :
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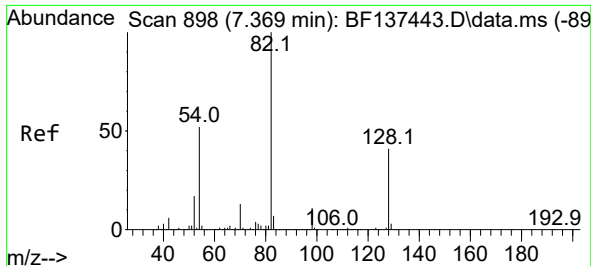
Tgt Ion: 99 Resp: 924663
Ion Ratio Lower Upper
99 100
42 17.2 14.6 21.8
71 31.7 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137631.D
Acq: 18 Mar 2024 15:07

Tgt Ion: 136 Resp: 447880
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 9.9 8.5 12.7
68 8.8 7.4 11.2





#23

Nitrobenzene-d5

Concen: 55.008 ng

RT: 7.287 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF137631.D

Acq: 18 Mar 2024 15:07

Instrument :

BNA_F

ClientSampleId :

1

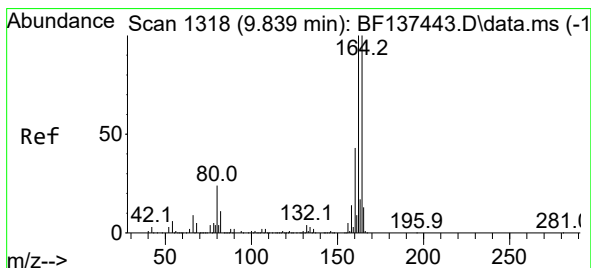
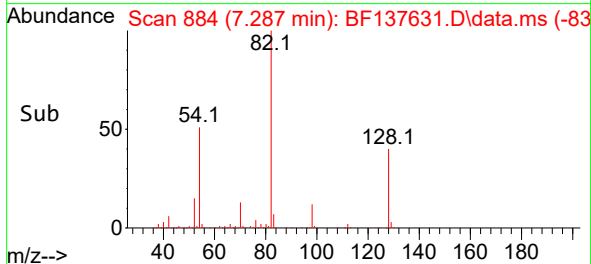
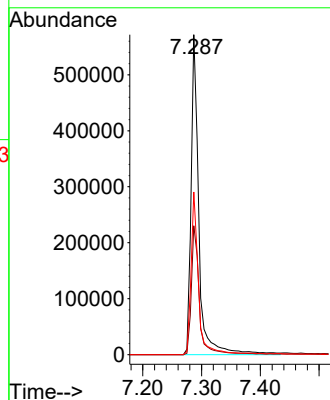
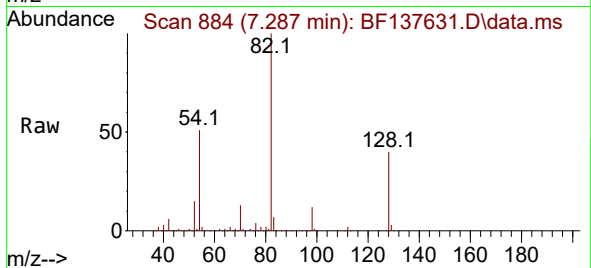
Tgt Ion: 82 Resp: 530233

Ion Ratio Lower Upper

82 100

128 40.3 32.5 48.7

54 50.9 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: BF137631.D

Acq: 18 Mar 2024 15:07

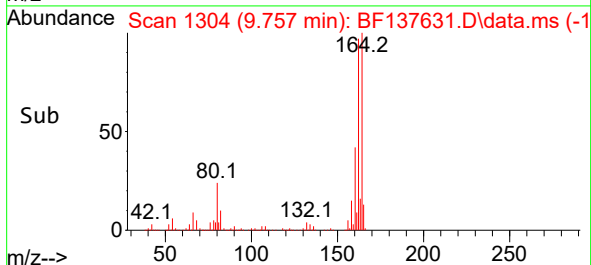
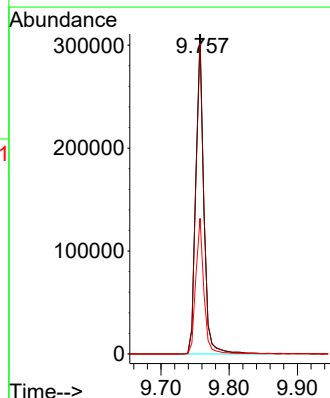
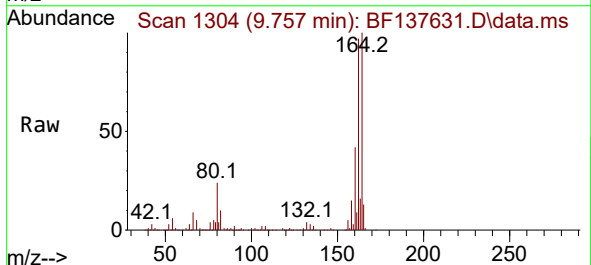
Tgt Ion: 164 Resp: 251857

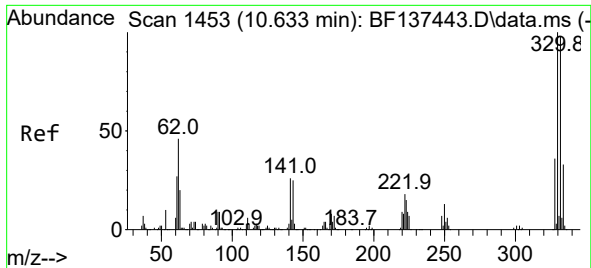
Ion Ratio Lower Upper

164 100

162 97.3 79.8 119.8

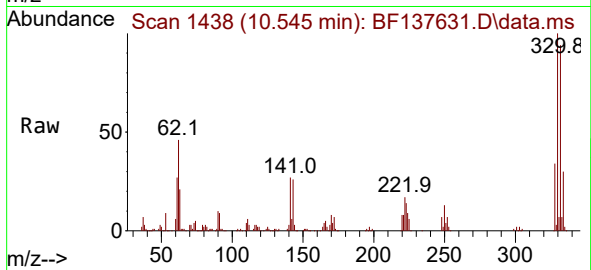
160 42.4 34.4 51.6



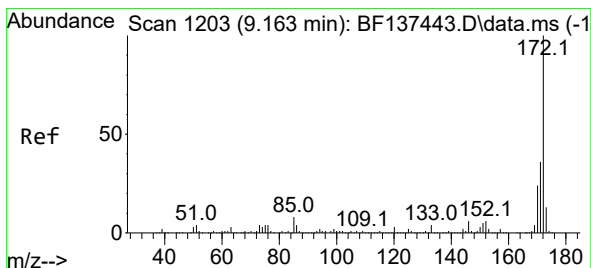
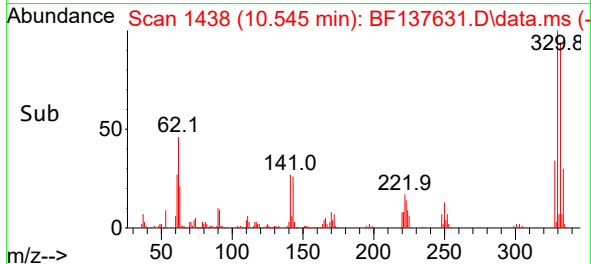
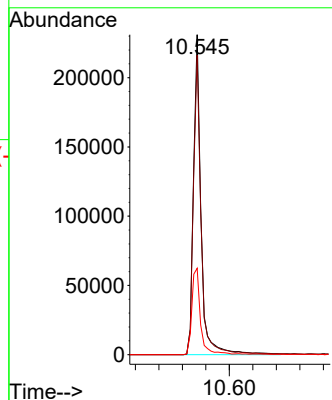


#42
2,4,6-Tribromophenol
Concen: 93.536 ng
RT: 10.545 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137631.D
Acq: 18 Mar 2024 15:07

Instrument :
BNA_F
ClientSampleId :
1

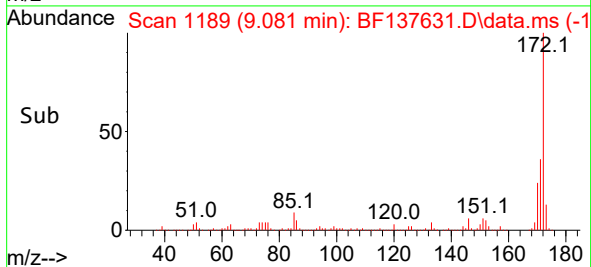
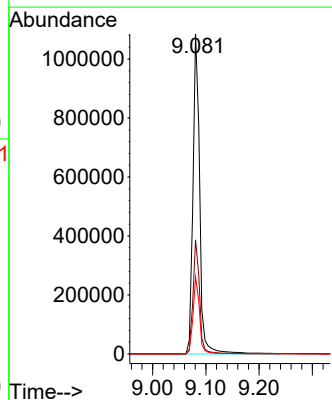
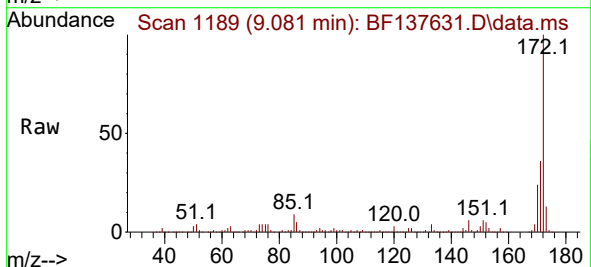


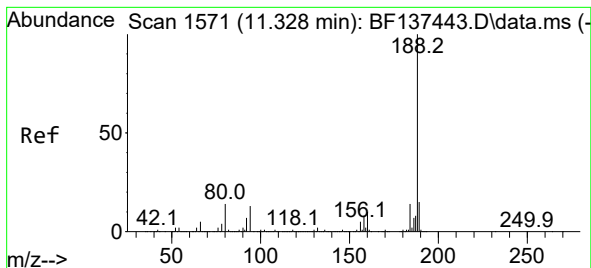
Tgt Ion:330 Resp: 206878
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 30.7 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 59.639 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF137631.D
Acq: 18 Mar 2024 15:07

Tgt Ion:172 Resp: 959559
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 24.0 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137631.D

Acq: 18 Mar 2024 15:07

Instrument :

BNA_F

ClientSampleId :

1

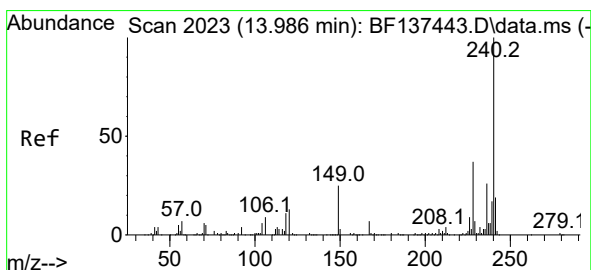
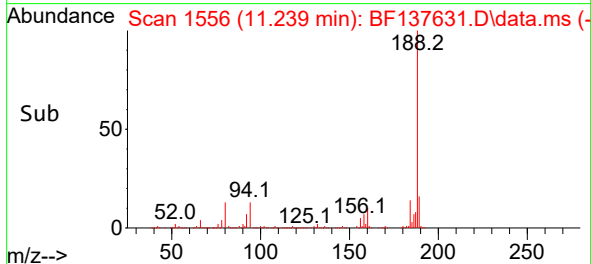
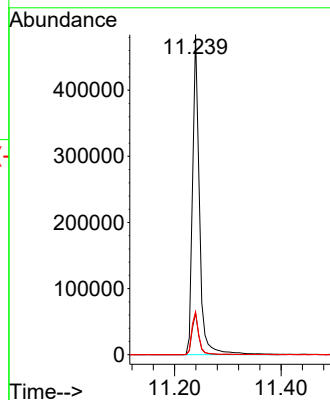
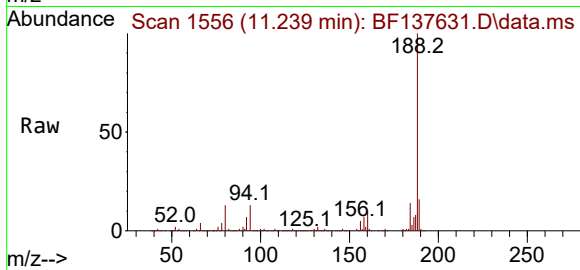
Tgt Ion:188 Resp: 436542

Ion Ratio Lower Upper

188 100

94 13.0 10.6 15.8

80 13.5 11.5 17.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2004

Delta R.T. 0.000 min

Lab File: BF137631.D

Acq: 18 Mar 2024 15:07

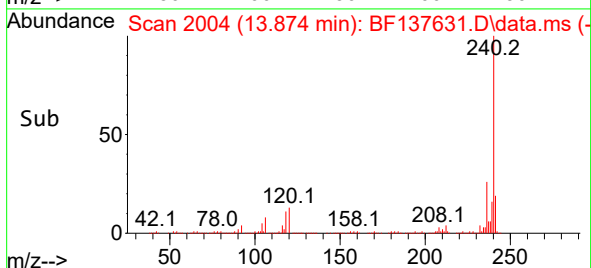
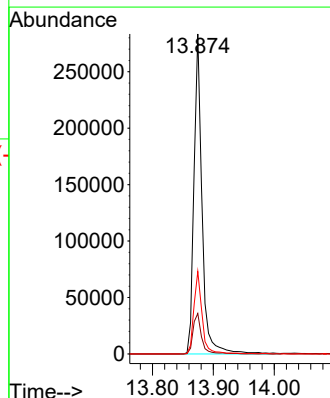
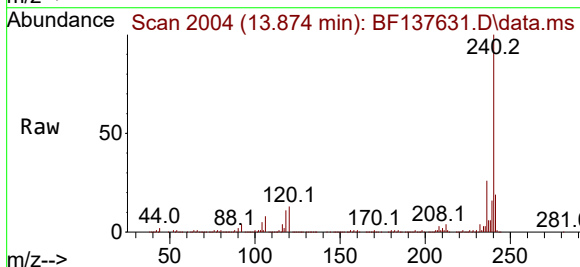
Tgt Ion:240 Resp: 262232

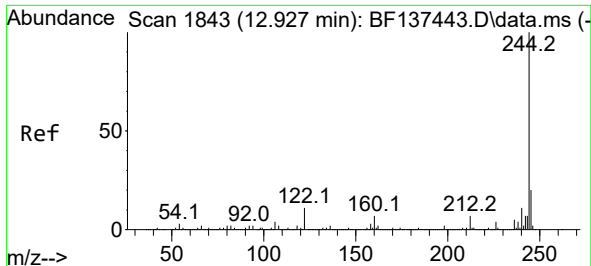
Ion Ratio Lower Upper

240 100

120 12.6 10.4 15.6

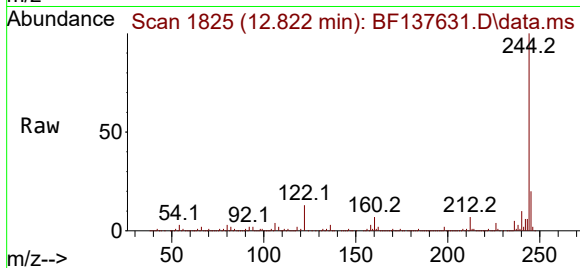
236 25.8 20.9 31.3



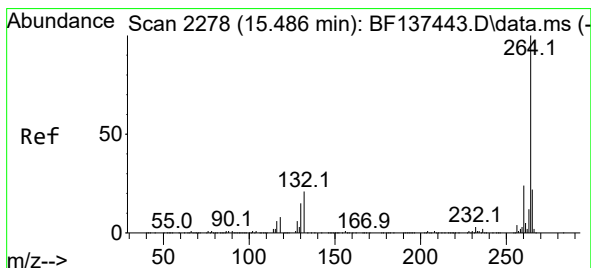
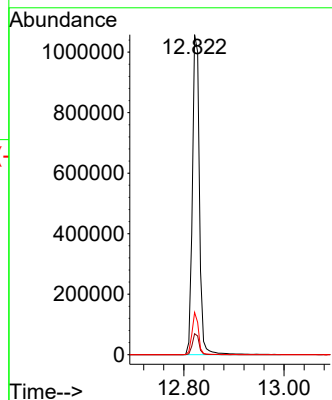
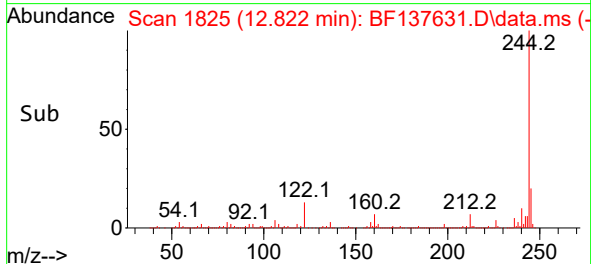


#79
 Terphenyl-d14
 Concen: 53.866 ng
 RT: 12.822 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF137631.D
 Acq: 18 Mar 2024 15:07

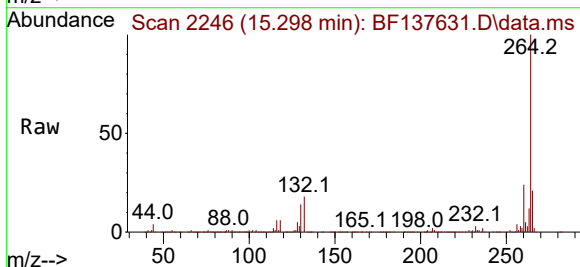
Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1027231
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 13.2 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2246
 Delta R.T. 0.000 min
 Lab File: BF137631.D
 Acq: 18 Mar 2024 15:07



Tgt Ion:264 Resp: 261293
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.3 28.9
 265 21.0 17.4 26.0

