

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137238.D
 Acq On : 01 Feb 2024 18:23
 Operator : CG\JU
 Sample : P1311-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Feb 02 01:15:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	56079	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	210673	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	116454	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	182800	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	138732	20.000	ng	-0.01
86) Perylene-d12	15.445	264	133985	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	327389	96.332	ng	0.00
7) Phenol-d6	6.422	99	419147	86.421	ng	0.00
23) Nitrobenzene-d5	7.351	82	279464	59.391	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	102068	77.608	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	491811	58.055	ng	0.00
79) Terphenyl-d14	12.910	244	427403	41.882	ng	-0.01

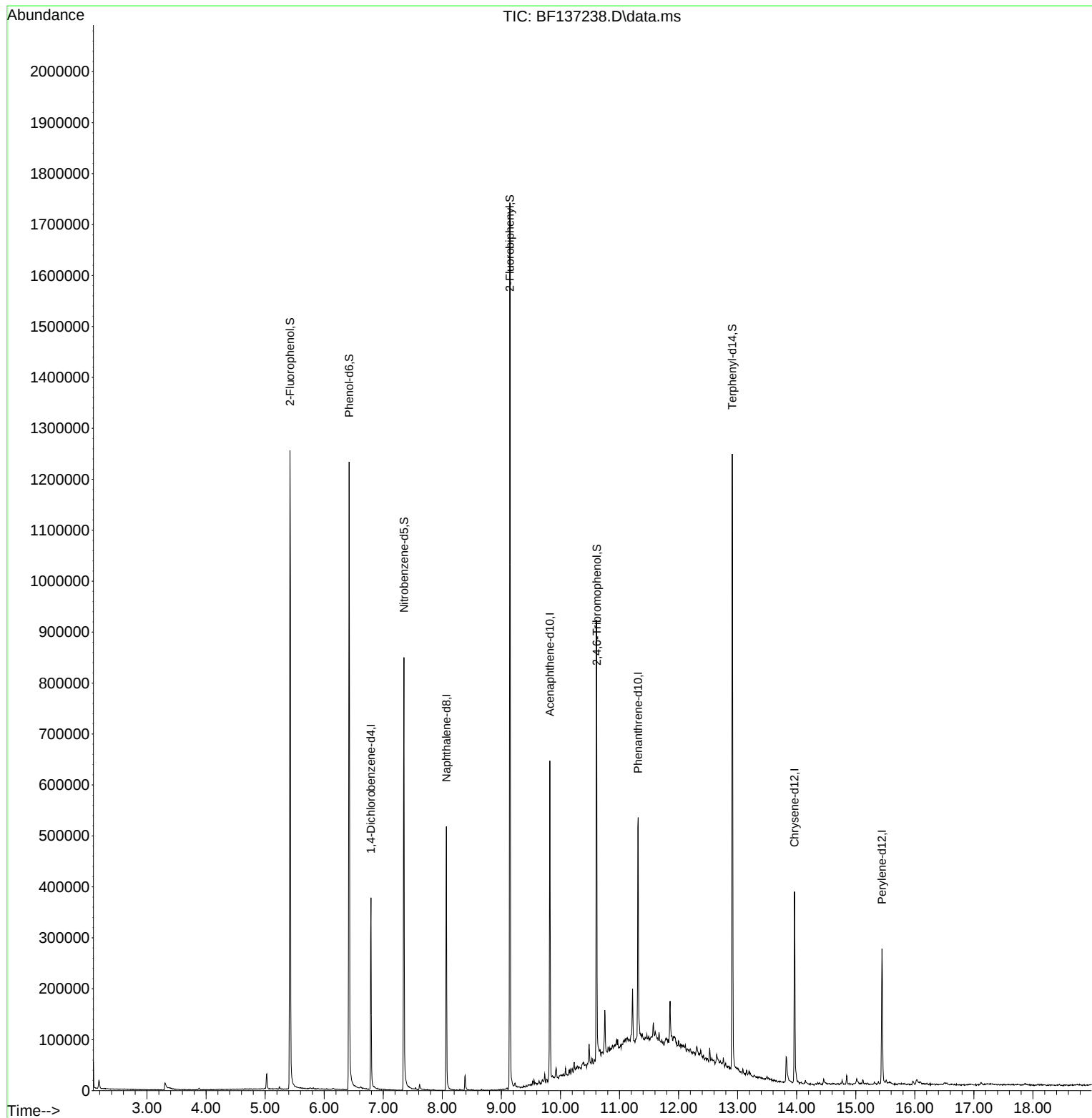
Target Compounds	Qvalue

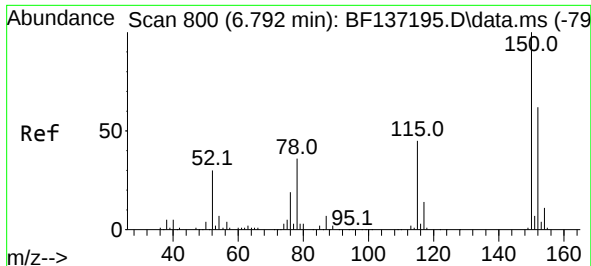
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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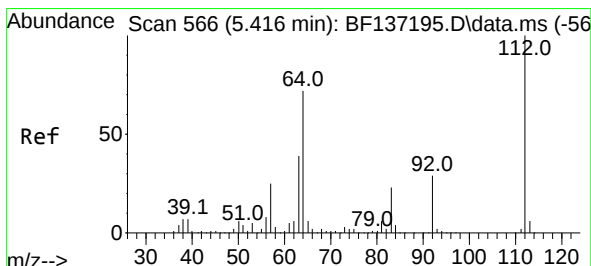
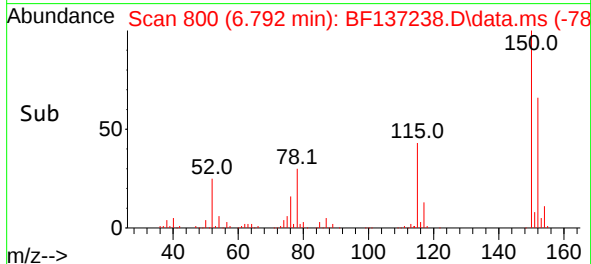
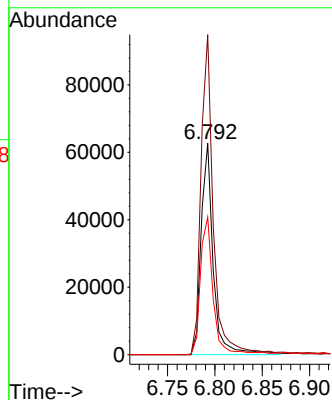
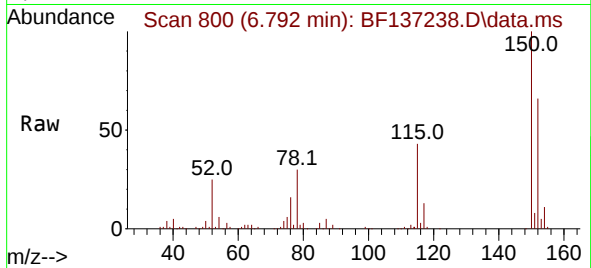




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137238.D
Acq: 01 Feb 2024 18:23

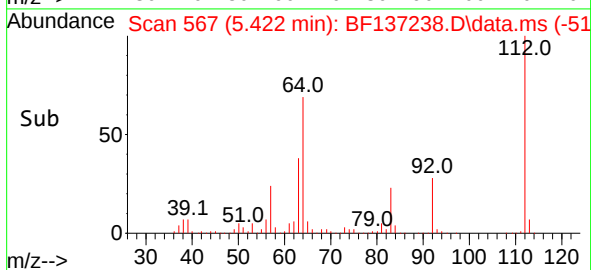
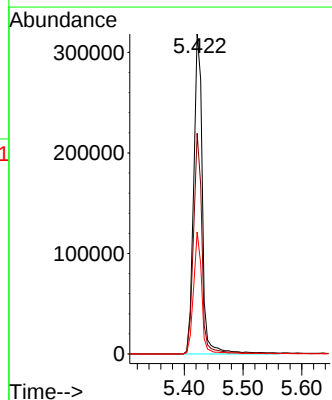
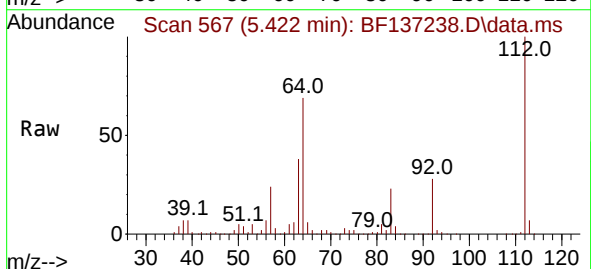
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 56079
Ion Ratio Lower Upper
152 100
150 151.4 129.8 194.8
115 65.1 58.5 87.7



#5
2-Fluorophenol
Concen: 96.332 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF137238.D
Acq: 01 Feb 2024 18:23

Tgt Ion:112 Resp: 327389
Ion Ratio Lower Upper
112 100
64 68.9 57.8 86.6
63 38.1 31.4 47.0

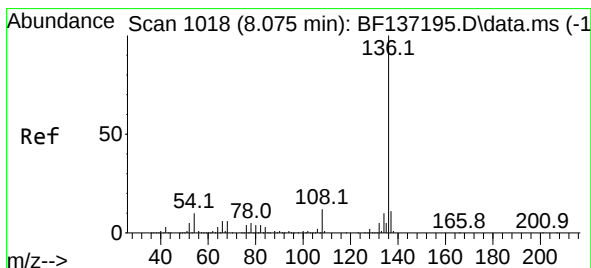
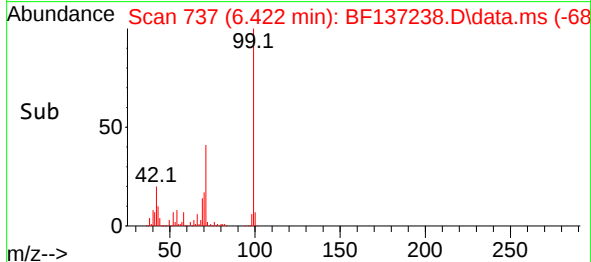
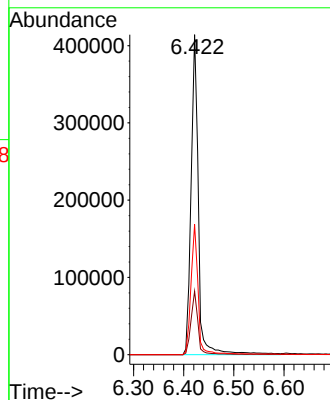
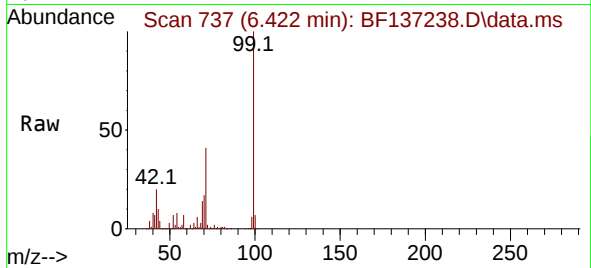




#7
Phenol-d6
Concen: 86.421 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137238.D
Acq: 01 Feb 2024 18:23

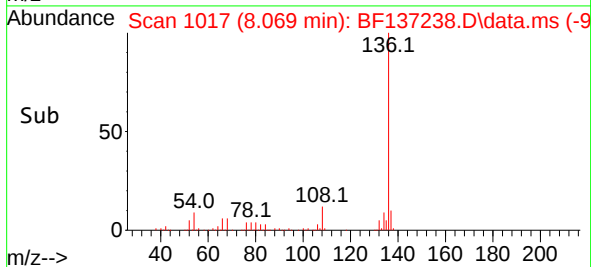
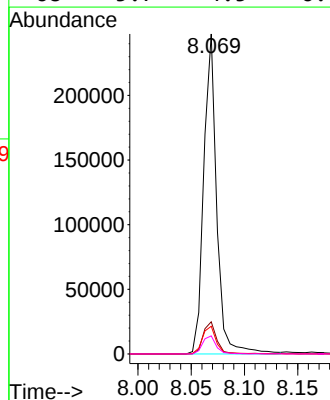
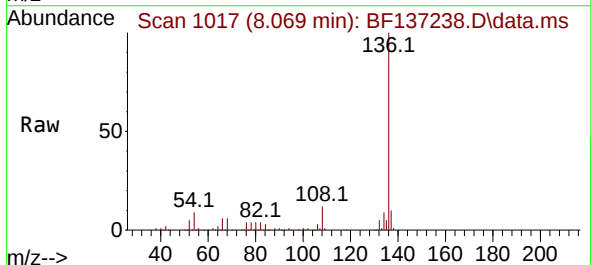
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 419147
Ion Ratio Lower Upper
99 100
42 19.9 16.4 24.6
71 40.7 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137238.D
Acq: 01 Feb 2024 18:23

Tgt Ion: 136 Resp: 210673
Ion Ratio Lower Upper
136 100
137 10.0 8.9 13.3
54 8.7 7.8 11.8
68 5.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 59.391 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF137238.D

Acq: 01 Feb 2024 18:23

Instrument :

BNA_F

ClientSampleId :

TP-1

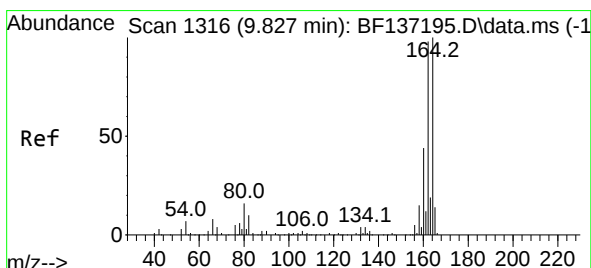
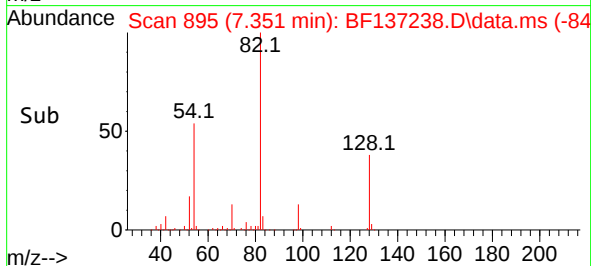
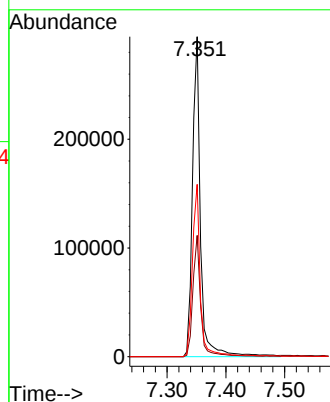
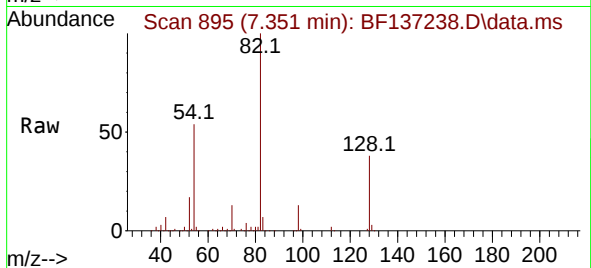
Tgt Ion: 82 Resp: 279464

Ion Ratio Lower Upper

82 100

128 37.9 29.1 43.7

54 53.8 45.0 67.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.005 min

Lab File: BF137238.D

Acq: 01 Feb 2024 18:23

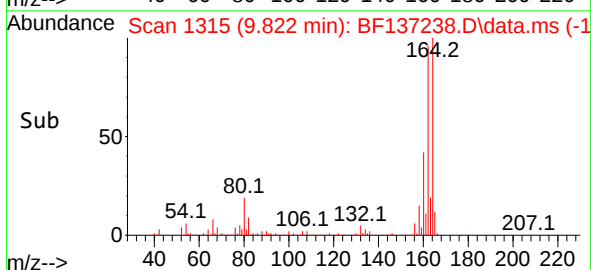
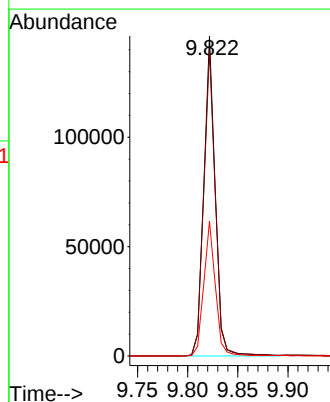
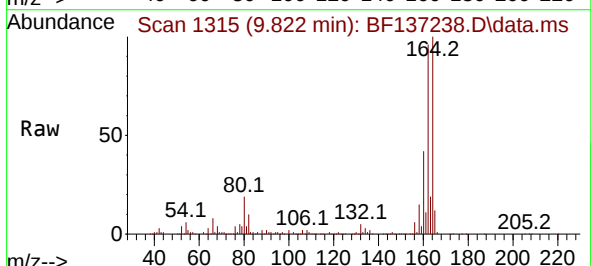
Tgt Ion:164 Resp: 116454

Ion Ratio Lower Upper

164 100

162 95.7 78.3 117.5

160 42.2 35.4 53.2

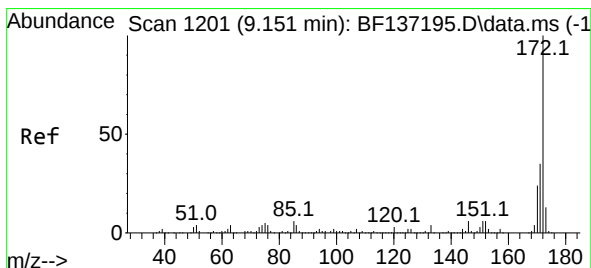
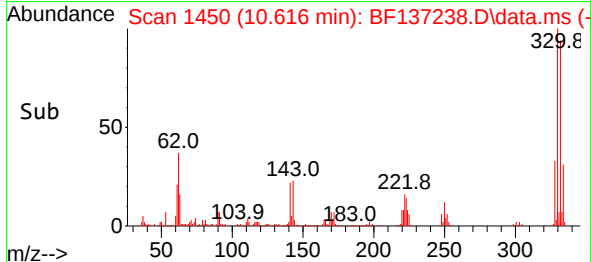
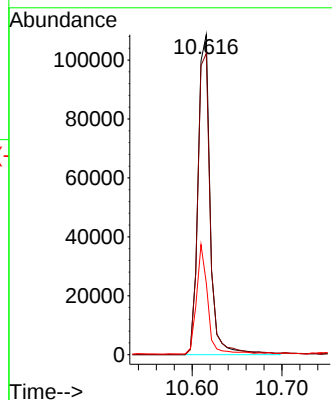
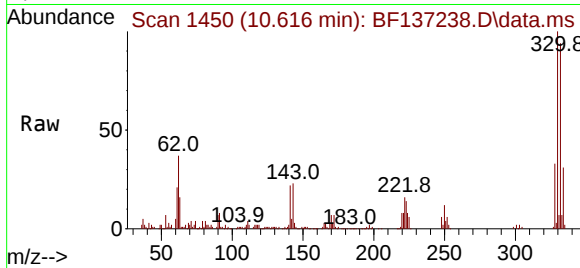




#42
2,4,6-Tribromophenol
Concen: 77.608 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137238.D
Acq: 01 Feb 2024 18:23

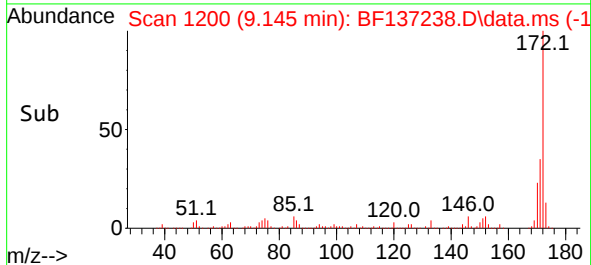
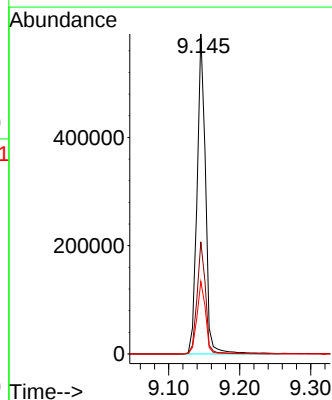
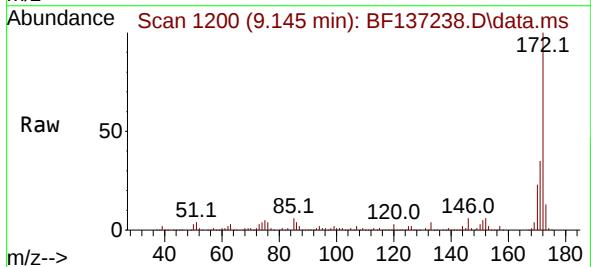
Instrument :
BNA_F
ClientSampleId :
TP-1

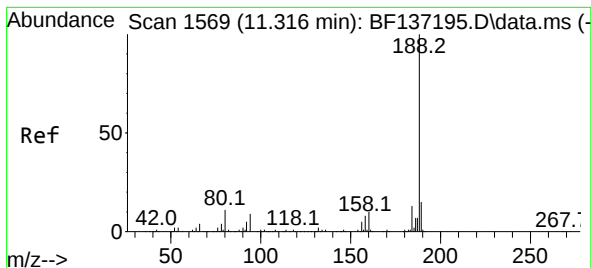
Tgt Ion: 330 Resp: 102068
Ion Ratio Lower Upper
330 100
332 98.5 77.3 115.9
141 31.5 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 58.055 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137238.D
Acq: 01 Feb 2024 18:23

Tgt Ion: 172 Resp: 491811
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 22.7 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137238.D

Acq: 01 Feb 2024 18:23

Instrument :

BNA_F

ClientSampleId :

TP-1

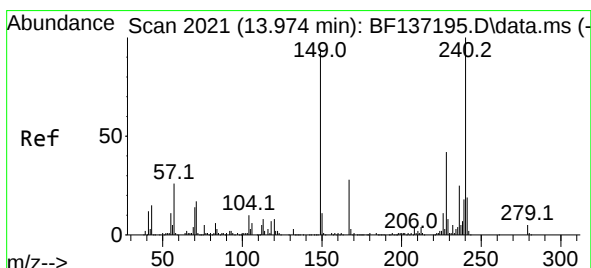
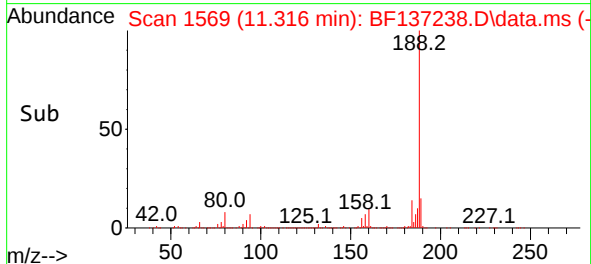
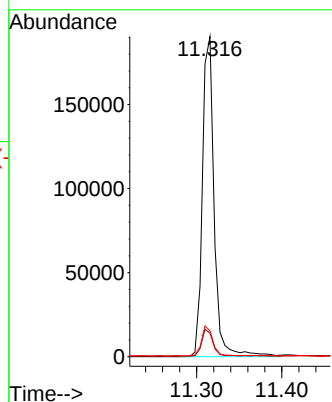
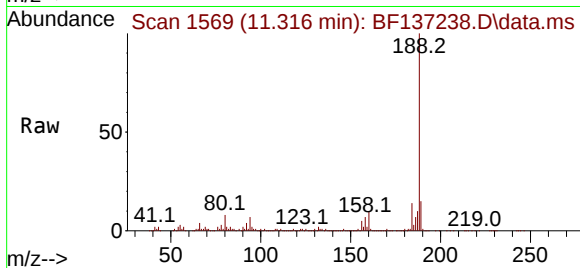
Tgt Ion:188 Resp: 182800

Ion Ratio Lower Upper

188 100

94 7.4 7.0 10.4

80 8.1 8.8 13.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF137238.D

Acq: 01 Feb 2024 18:23

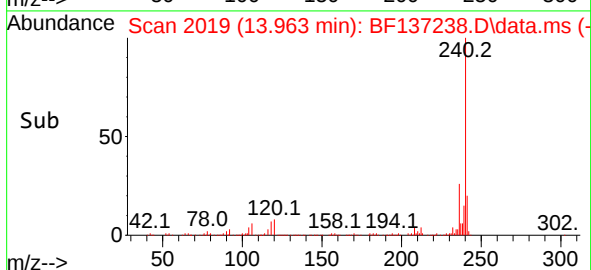
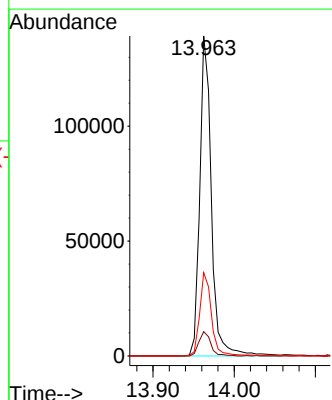
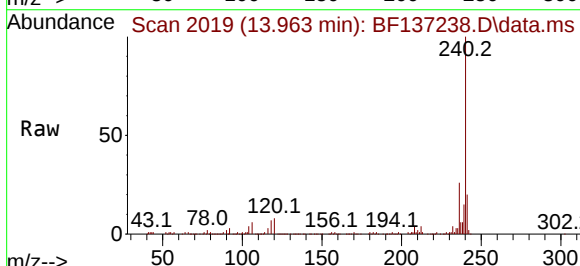
Tgt Ion:240 Resp: 138732

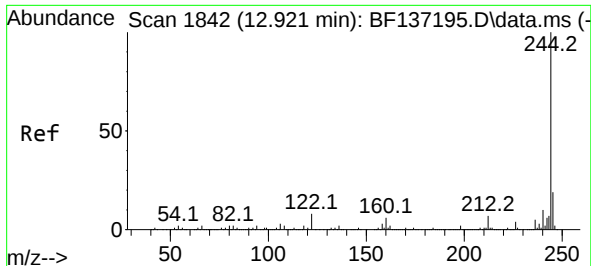
Ion Ratio Lower Upper

240 100

120 7.6 6.3 9.5

236 26.1 20.3 30.5

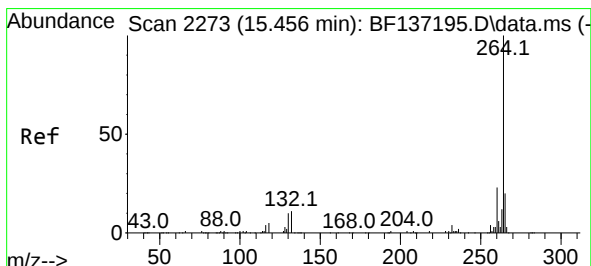
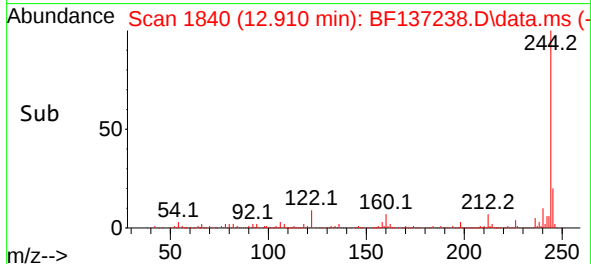
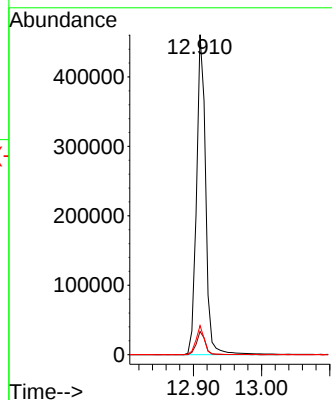
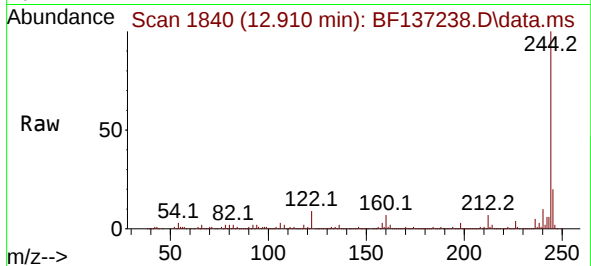




#79
 Terphenyl-d14
 Concen: 41.882 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF137238.D
 Acq: 01 Feb 2024 18:23

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 427403
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 9.1 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.012 min
 Lab File: BF137238.D
 Acq: 01 Feb 2024 18:23

Tgt Ion:264 Resp: 133985
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.4
 265 20.9 16.2 24.2

