

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
 Data File : BF137253.D
 Acq On : 02 Feb 2024 12:46
 Operator : CG\JU
 Sample : P1311-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Feb 02 13:07:29 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	51438	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	199943	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	108993	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	171360	20.000	ng	0.00
76) Chrysene-d12	13.963	240	128427	20.000	ng	-0.01
86) Perylene-d12	15.445	264	85519	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	457771	146.849	ng	0.02
7) Phenol-d6	6.428	99	526174	118.276	ng	0.00
23) Nitrobenzene-d5	7.351	82	432359	96.815	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	160454	130.353	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	756341	95.393	ng	0.00
79) Terphenyl-d14	12.916	244	766901	81.179	ng	0.00

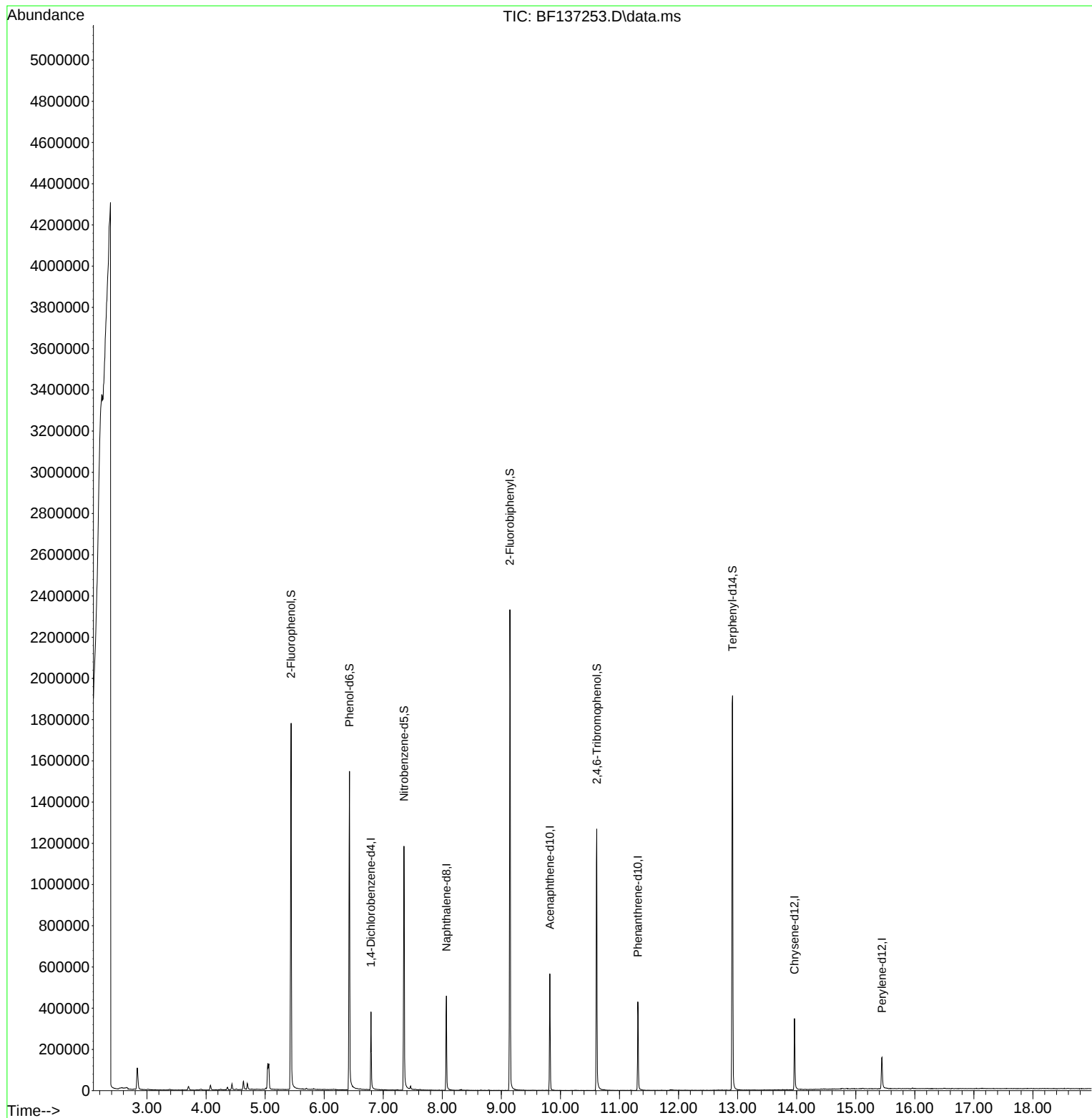
Target Compounds	Qvalue

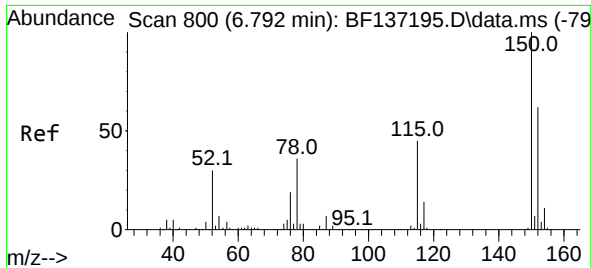
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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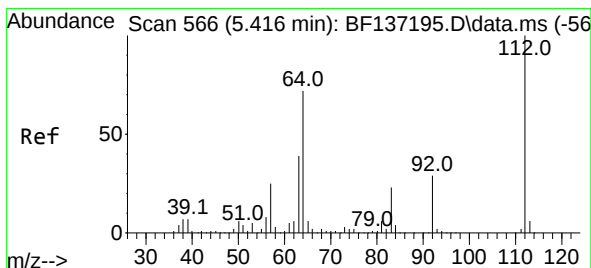
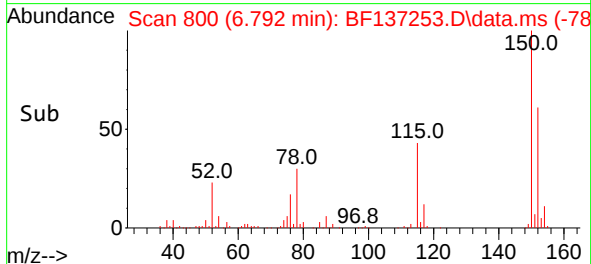
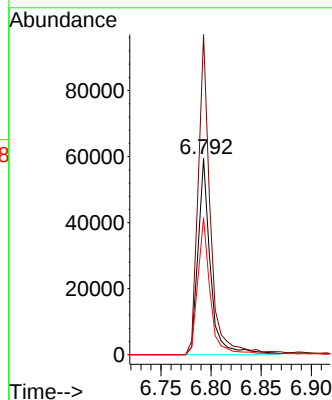
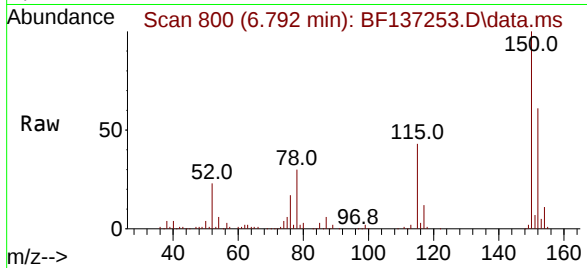




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137253.D
Acq: 02 Feb 2024 12:46

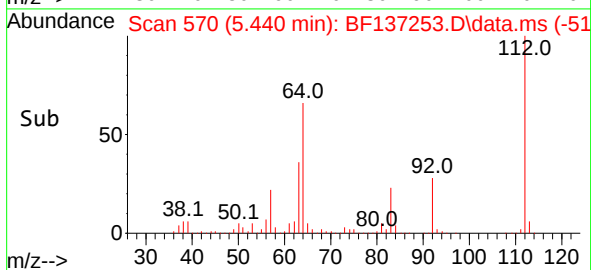
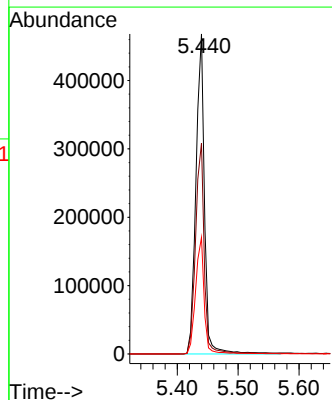
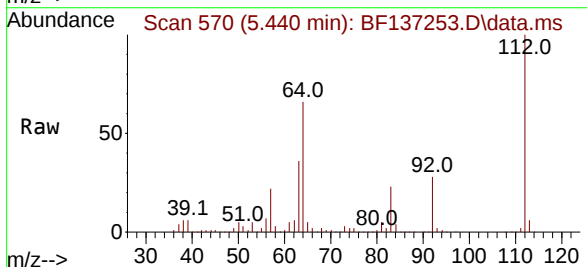
Instrument :
BNA_F
ClientSampleId :
TP-2

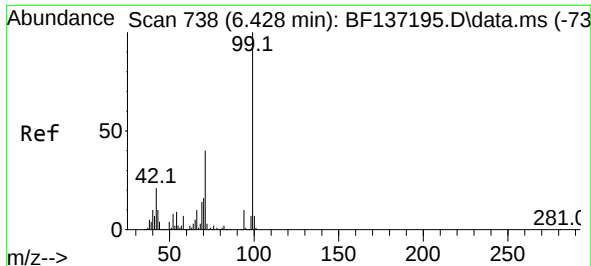
Tgt Ion:152 Resp: 51438
Ion Ratio Lower Upper
152 100
150 163.1 129.8 194.8
115 69.8 58.5 87.7



#5
2-Fluorophenol
Concen: 146.849 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.024 min
Lab File: BF137253.D
Acq: 02 Feb 2024 12:46

Tgt Ion:112 Resp: 457771
Ion Ratio Lower Upper
112 100
64 65.9 57.8 86.6
63 36.4 31.4 47.0

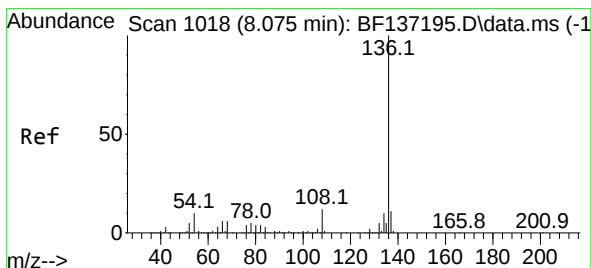
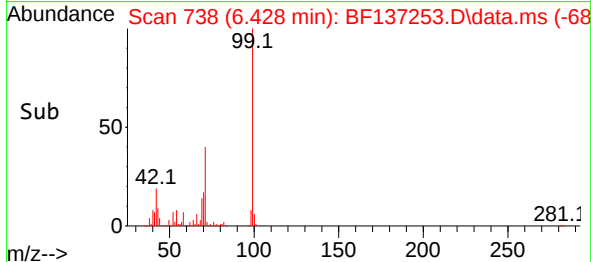
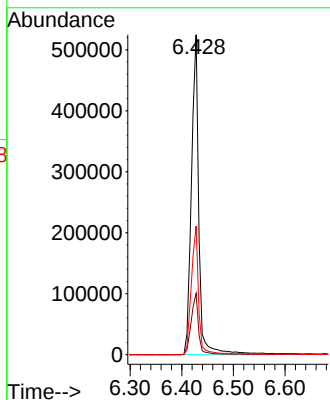
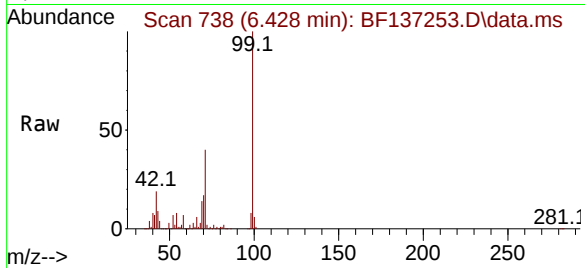




#7
Phenol-d6
Concen: 118.276 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137253.D
Acq: 02 Feb 2024 12:46

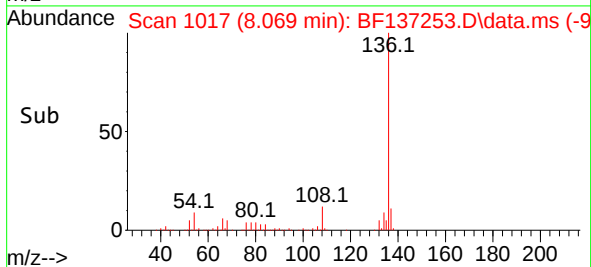
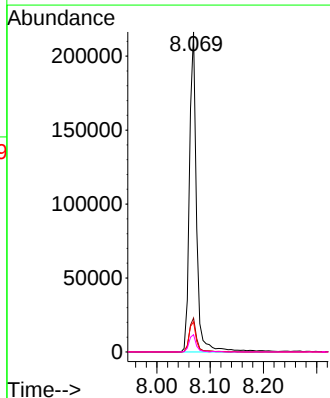
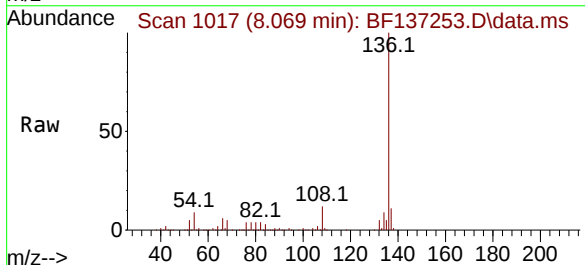
Instrument :
BNA_F
ClientSampleId :
TP-2

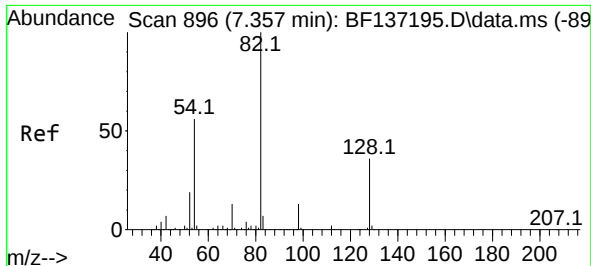
Tgt Ion:	99	Resp:	526174
Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.4	24.6
71	40.2	32.4	48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137253.D
Acq: 02 Feb 2024 12:46

Tgt Ion:	136	Resp:	199943
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.4	7.8	11.8
68	5.4	4.5	6.7

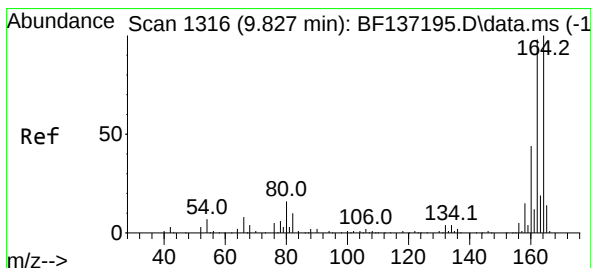
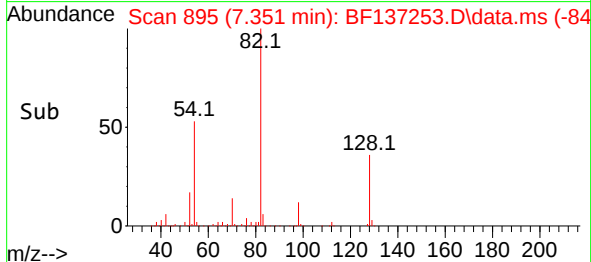
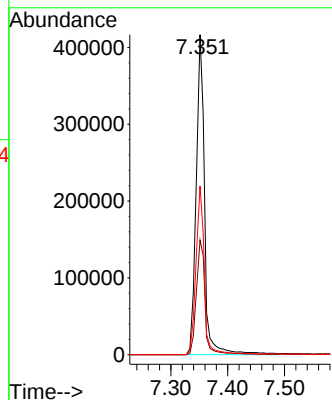
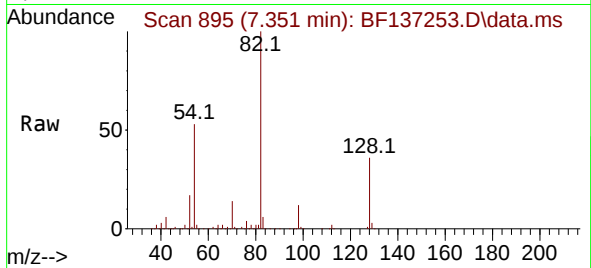




#23
Nitrobenzene-d5
Concen: 96.815 ng
RT: 7.351 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF137253.D
Acq: 02 Feb 2024 12:46

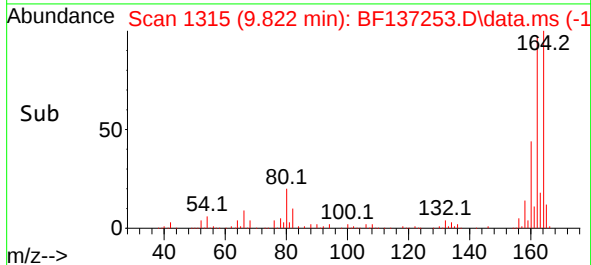
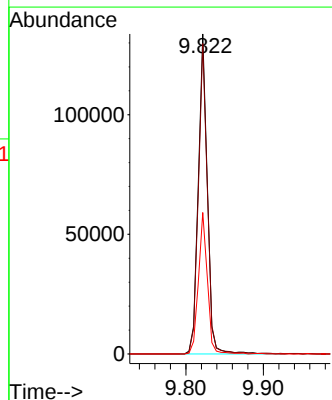
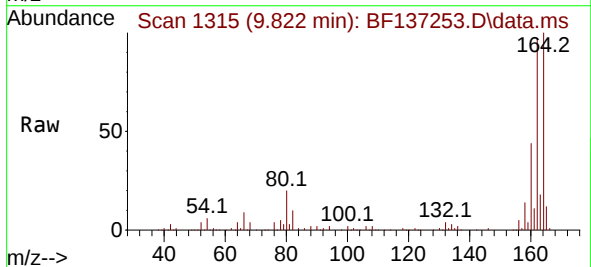
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 82 Resp: 432359
Ion Ratio Lower Upper
82 100
128 35.8 29.1 43.7
54 52.7 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: BF137253.D
Acq: 02 Feb 2024 12:46

Tgt Ion:164 Resp: 108993
Ion Ratio Lower Upper
164 100
162 97.0 78.3 117.5
160 44.2 35.4 53.2

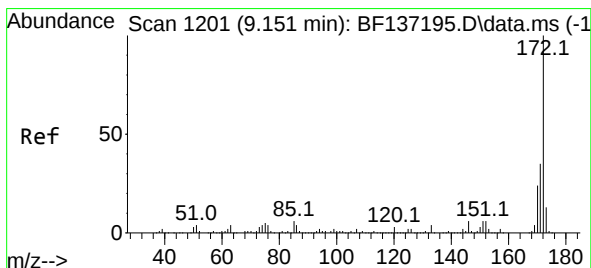
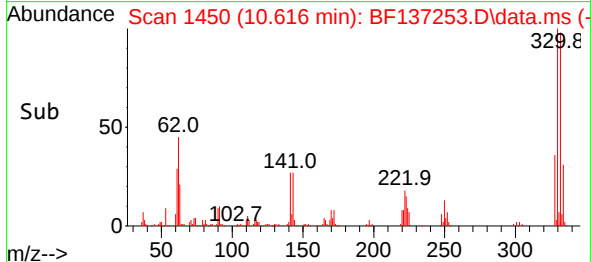
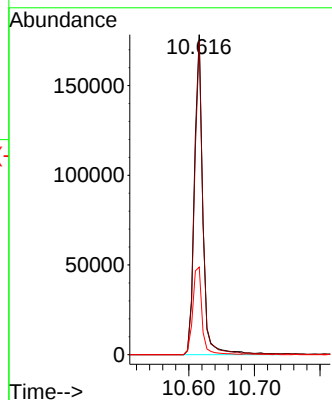
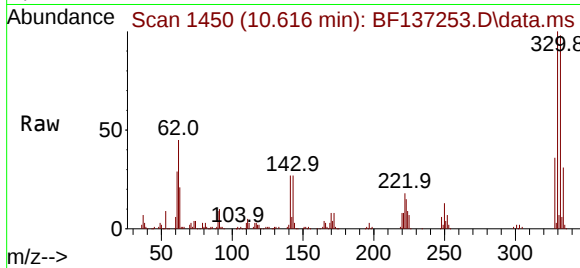




#42
2,4,6-Tribromophenol
Concen: 130.353 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137253.D
Acq: 02 Feb 2024 12:46

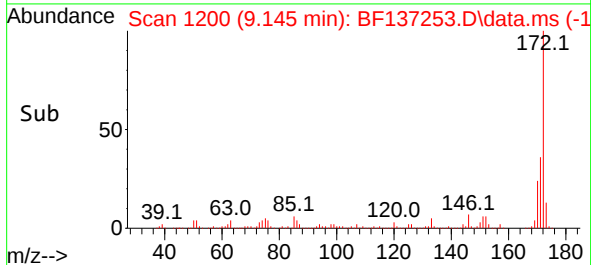
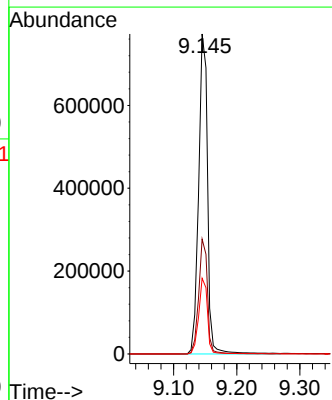
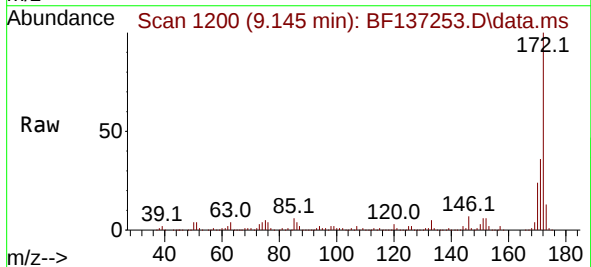
Instrument :
BNA_F
ClientSampleId :
TP-2

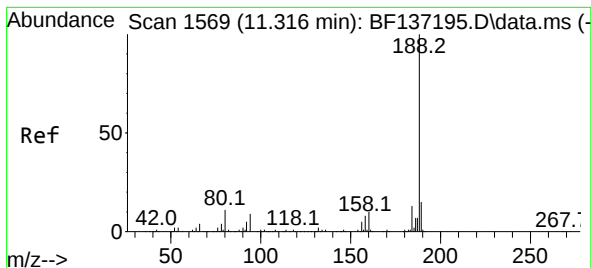
Tgt Ion: 330 Resp: 160454
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 30.0 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 95.393 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137253.D
Acq: 02 Feb 2024 12:46

Tgt Ion: 172 Resp: 756341
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.6 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137253.D

Acq: 02 Feb 2024 12:46

Instrument :

BNA_F

ClientSampleId :

TP-2

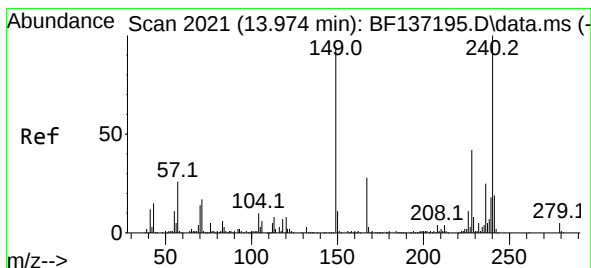
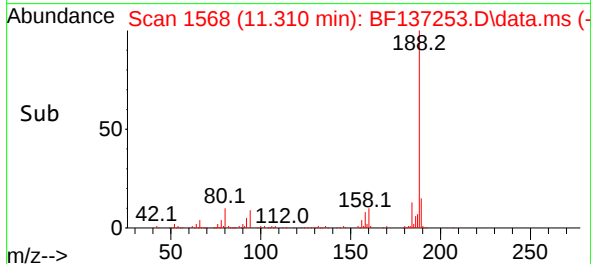
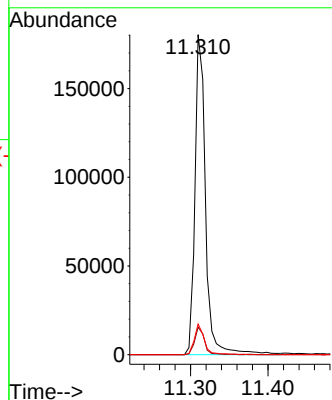
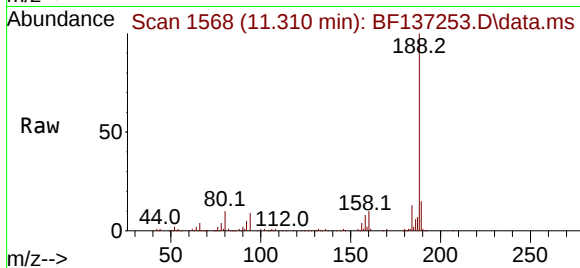
Tgt Ion:188 Resp: 171360

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

80 9.6 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: BF137253.D

Acq: 02 Feb 2024 12:46

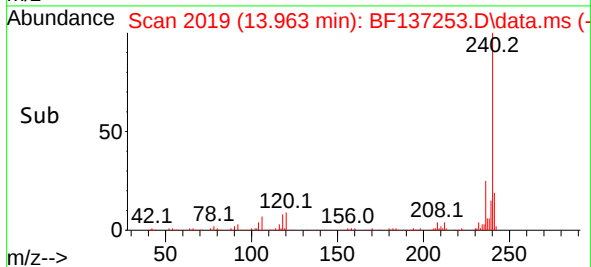
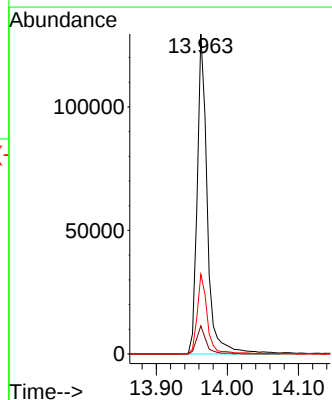
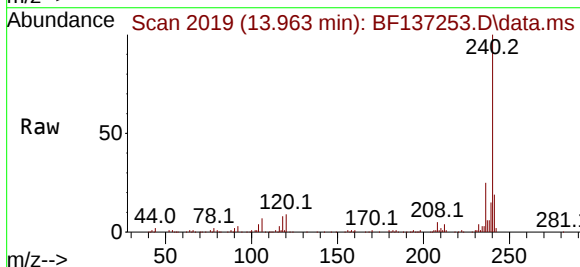
Tgt Ion:240 Resp: 128427

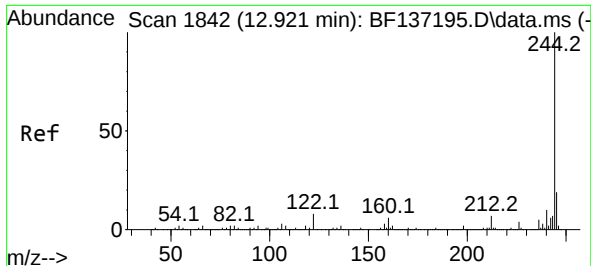
Ion Ratio Lower Upper

240 100

120 8.8 6.3 9.5

236 24.8 20.3 30.5





#79

Terphenyl-d14

Concen: 81.179 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF137253.D

Acq: 02 Feb 2024 12:46

Instrument :

BNA_F

ClientSampleId :

TP-2

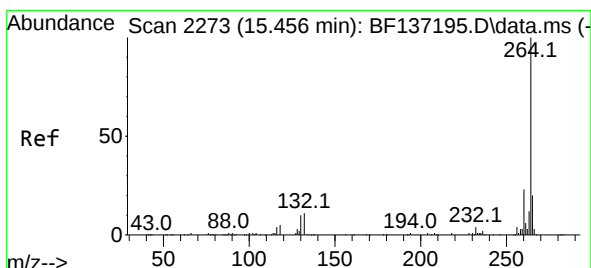
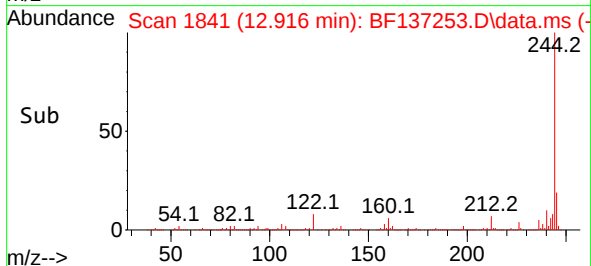
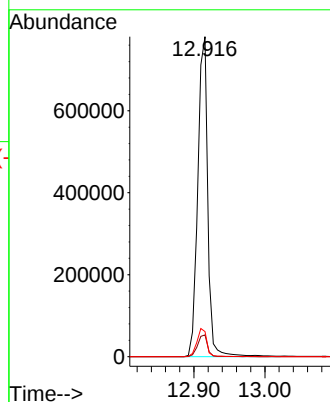
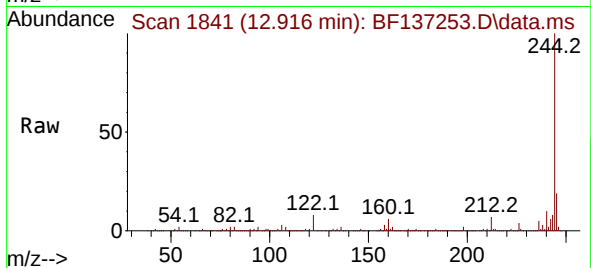
Tgt Ion:244 Resp: 766901

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 7.9 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: BF137253.D

Acq: 02 Feb 2024 12:46

Tgt Ion:264 Resp: 85519

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 19.3 16.2 24.2

