

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
 Data File : BF137482.D
 Acq On : 04 Mar 2024 15:49
 Operator : CG\JU
 Sample : P1662-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-2520556

Quant Time: Mar 04 16:17:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	207346	20.000	ng	0.00
21) Naphthalene-d8	8.127	136	820467	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	463468	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	810641	20.000	ng	0.00
76) Chrysene-d12	14.045	240	445933	20.000	ng	0.00
86) Perylene-d12	15.568	264	437246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1133599	82.803	ng	0.00
7) Phenol-d6	6.498	99	1579958	79.951	ng	0.00
23) Nitrobenzene-d5	7.416	82	962984	54.535	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	335949	82.542	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1628484	55.002	ng	0.00
79) Terphenyl-d14	12.986	244	1677961	51.743	ng	0.00

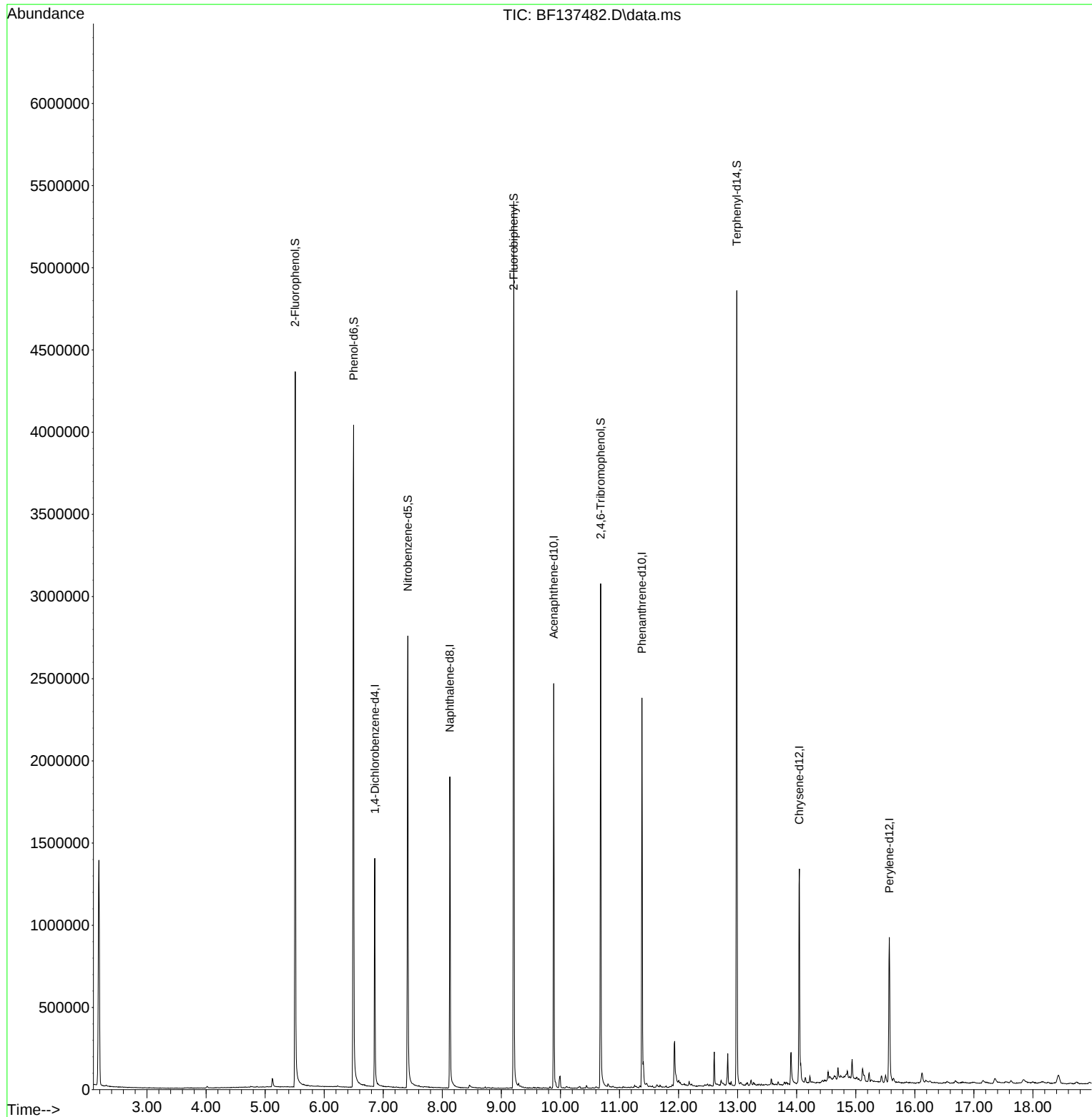
Target Compounds	Qvalue

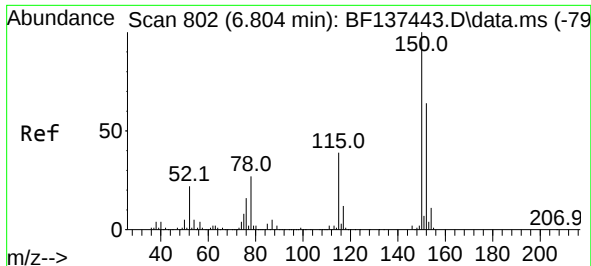
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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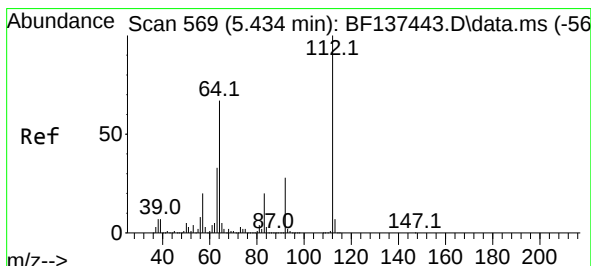
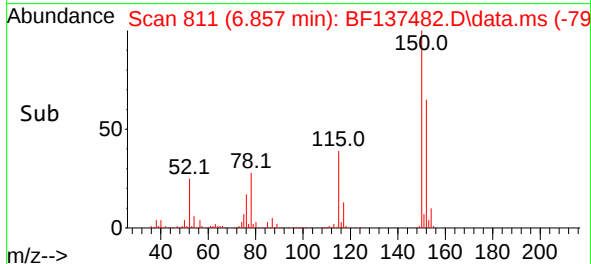
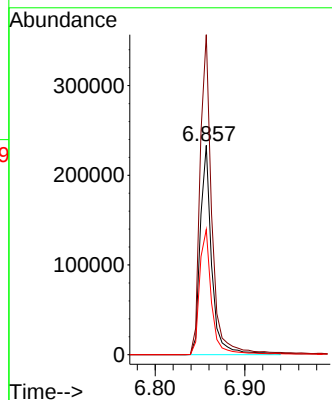
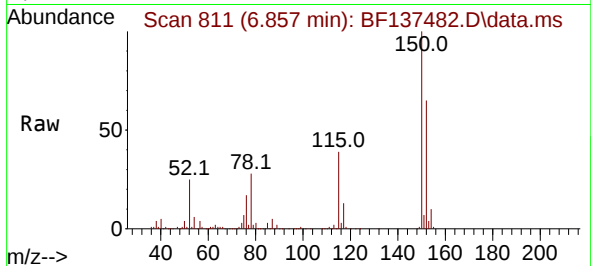




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 811
 Delta R.T. -0.006 min
 Lab File: BF137482.D
 Acq: 04 Mar 2024 15:49

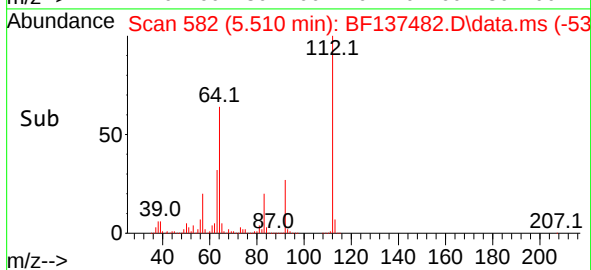
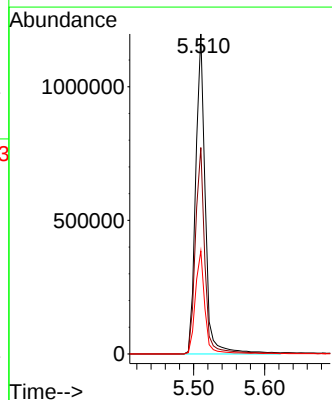
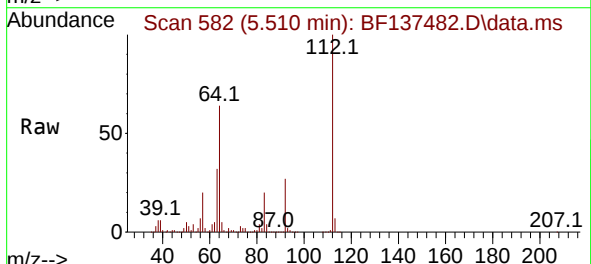
Instrument :
 BNA_F
 ClientSampleId :
 RBR-2520556

Tgt Ion:152 Resp: 207346
 Ion Ratio Lower Upper
 152 100
 150 152.9 125.8 188.6
 115 59.8 48.8 73.2



#5
 2-Fluorophenol
 Concen: 82.803 ng
 RT: 5.510 min Scan# 582
 Delta R.T. -0.000 min
 Lab File: BF137482.D
 Acq: 04 Mar 2024 15:49

Tgt Ion:112 Resp: 1133599
 Ion Ratio Lower Upper
 112 100
 64 64.5 53.4 80.2
 63 32.2 26.2 39.2

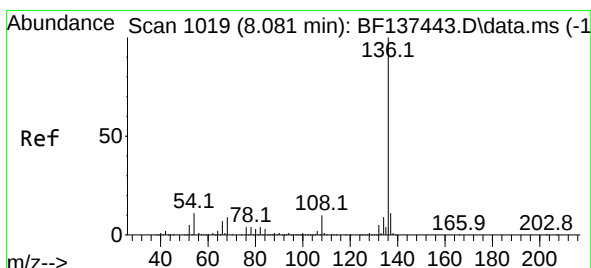
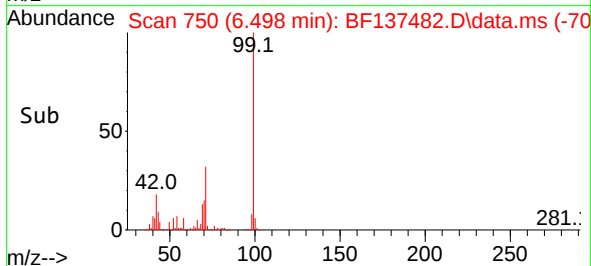
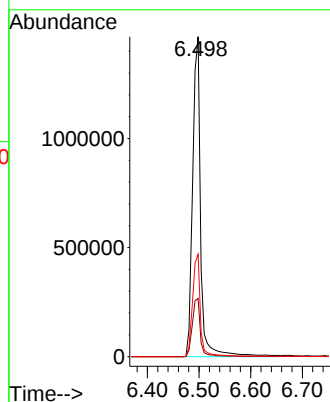
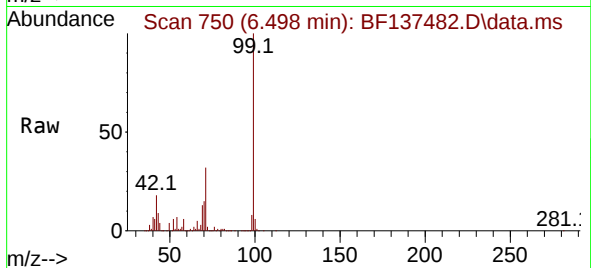




#7
Phenol-d6
Concen: 79.951 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137482.D
Acq: 04 Mar 2024 15:49

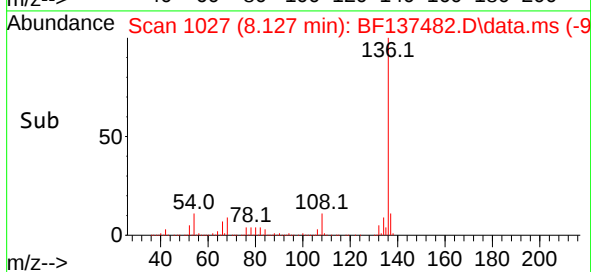
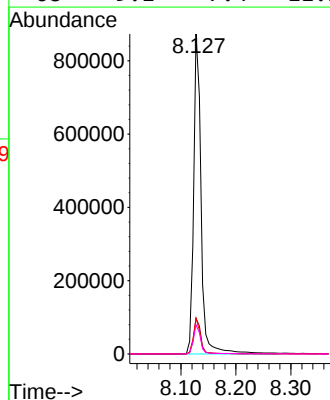
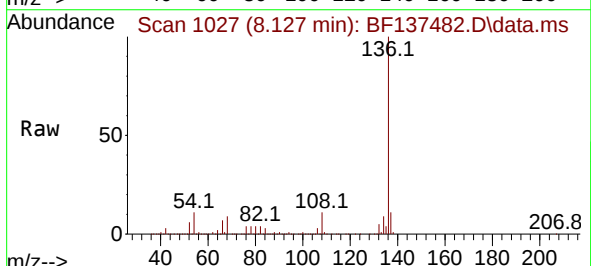
Instrument :
BNA_F
ClientSampleId :
RBR-2520556

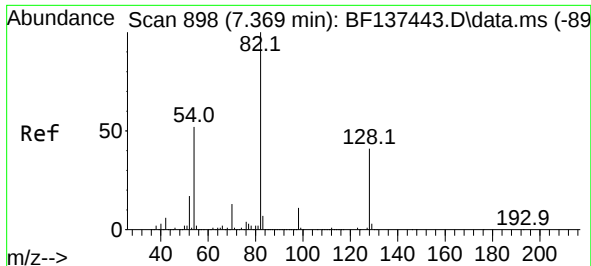
Tgt Ion: 99 Resp: 1579958
Ion Ratio Lower Upper
99 100
42 18.2 14.6 21.8
71 32.0 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.127 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF137482.D
Acq: 04 Mar 2024 15:49

Tgt Ion: 136 Resp: 820467
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 11.1 8.5 12.7
68 9.1 7.4 11.2





#23

Nitrobenzene-d5

Concen: 54.535 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF137482.D

Acq: 04 Mar 2024 15:49

Instrument :

BNA_F

ClientSampleId :

RBR-2520556

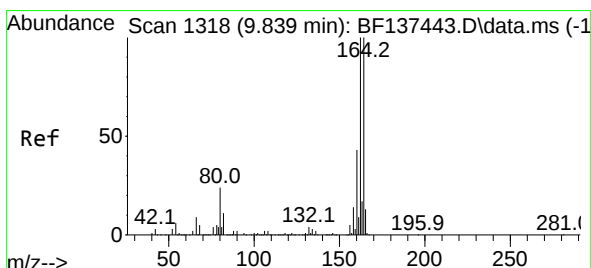
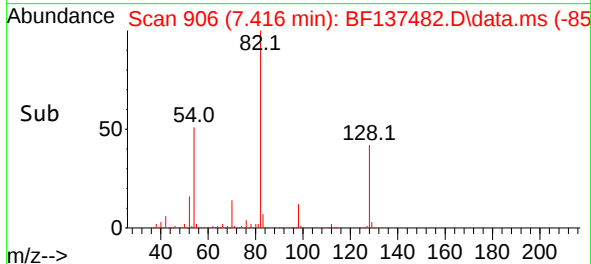
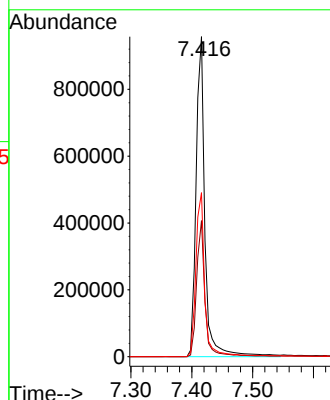
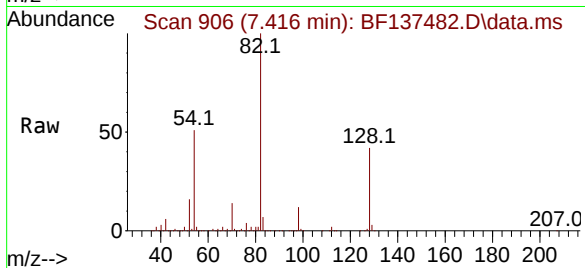
Tgt Ion: 82 Resp: 962984

Ion Ratio Lower Upper

82 100

128 42.5 32.5 48.7

54 51.3 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF137482.D

Acq: 04 Mar 2024 15:49

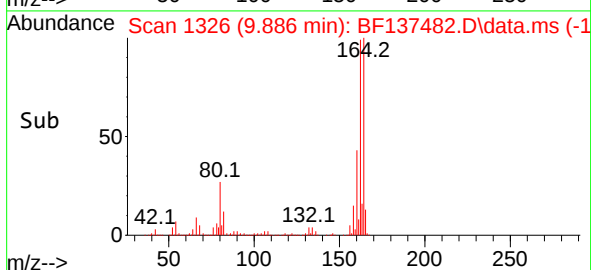
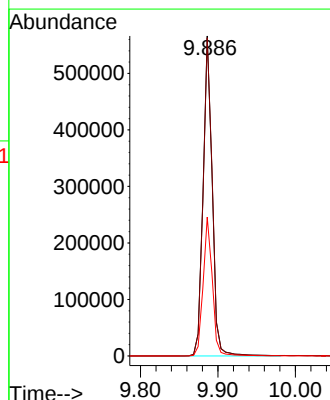
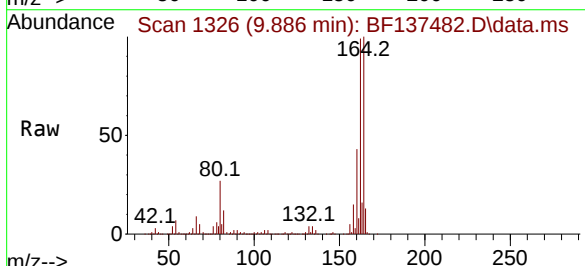
Tgt Ion:164 Resp: 463468

Ion Ratio Lower Upper

164 100

162 99.4 79.8 119.8

160 43.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 82.542 ng

RT: 10.680 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF137482.D

Acq: 04 Mar 2024 15:49

Instrument :

BNA_F

ClientSampleId :

RBR-2520556

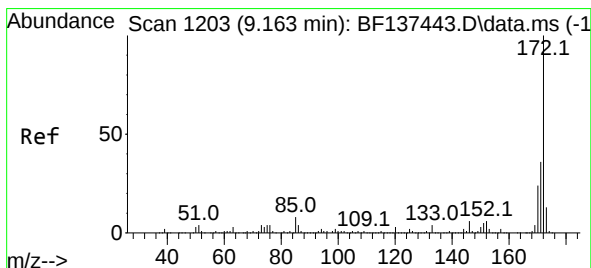
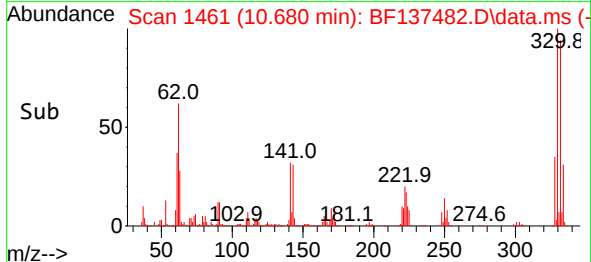
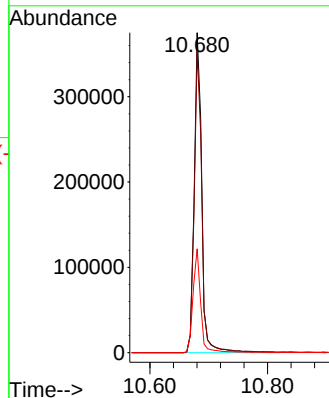
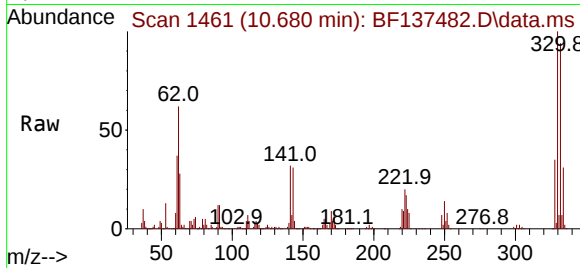
Tgt Ion:330 Resp: 335949

Ion Ratio Lower Upper

330 100

332 94.8 78.0 117.0

141 33.0 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 55.002 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF137482.D

Acq: 04 Mar 2024 15:49

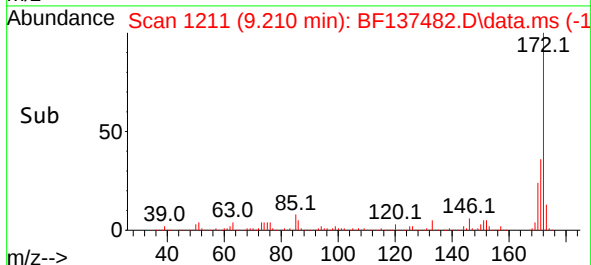
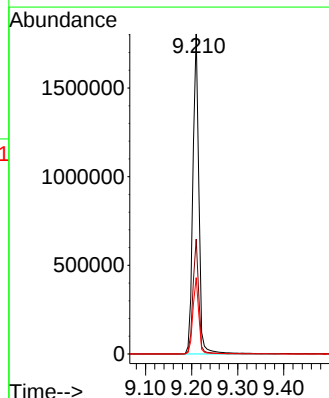
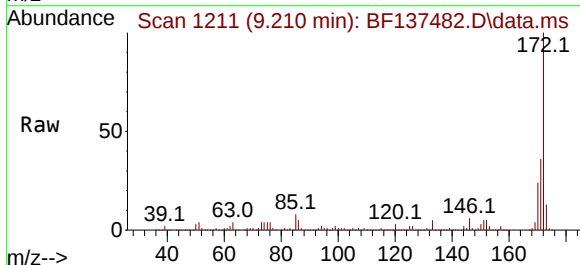
Tgt Ion:172 Resp: 1628484

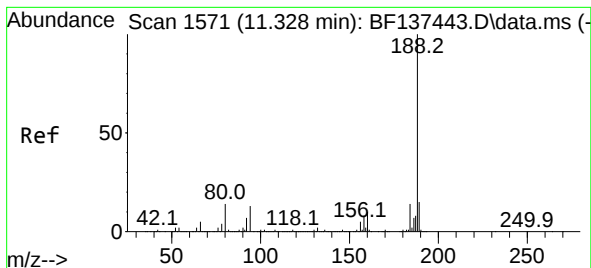
Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 23.8 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF137482.D

Acq: 04 Mar 2024 15:49

Instrument :

BNA_F

ClientSampleId :

RBR-2520556

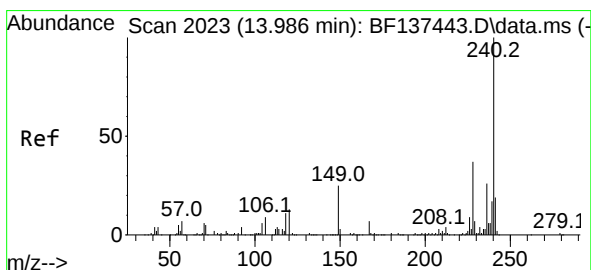
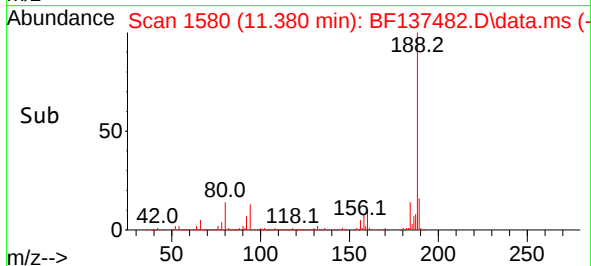
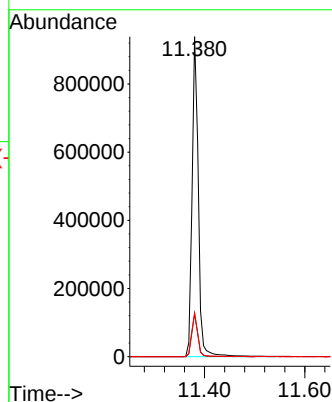
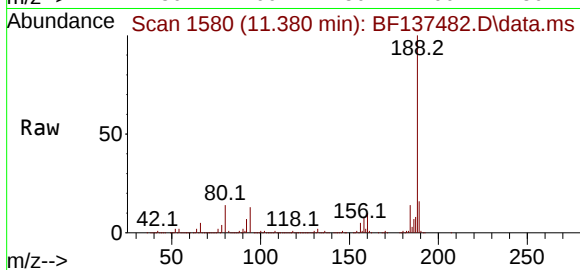
Tgt Ion:188 Resp: 810641

Ion Ratio Lower Upper

188 100

94 13.5 10.6 15.8

80 13.6 11.5 17.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF137482.D

Acq: 04 Mar 2024 15:49

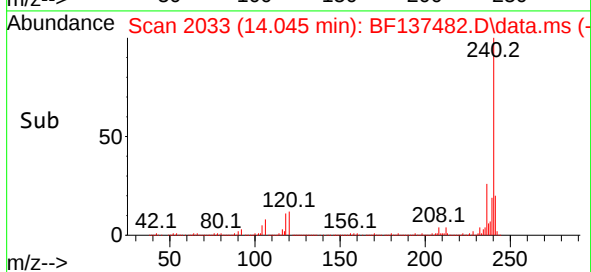
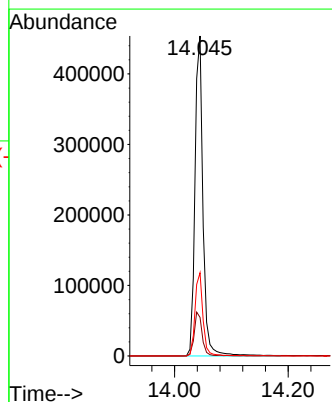
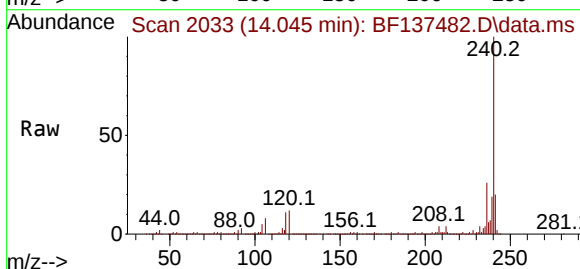
Tgt Ion:240 Resp: 445933

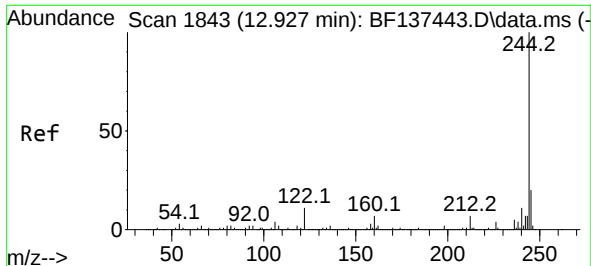
Ion Ratio Lower Upper

240 100

120 12.0 10.4 15.6

236 26.0 20.9 31.3

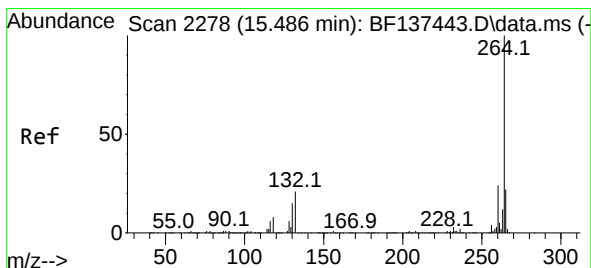
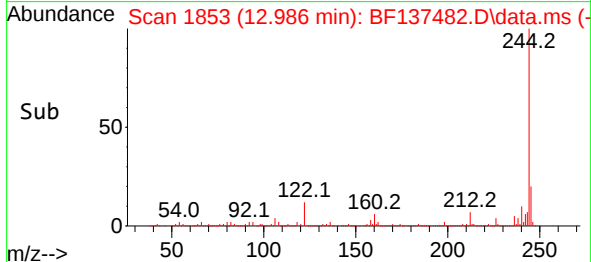
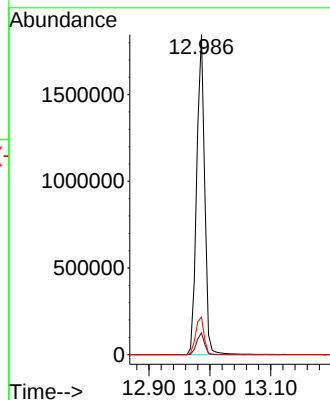
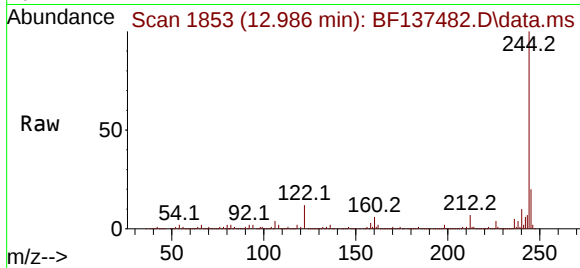




#79
 Terphenyl-d14
 Concen: 51.743 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF137482.D
 Acq: 04 Mar 2024 15:49

Instrument :
 BNA_F
 ClientSampleId :
 RBR-2520556

Tgt Ion:244 Resp: 1677961
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.7 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. -0.000 min
 Lab File: BF137482.D
 Acq: 04 Mar 2024 15:49

Tgt Ion:264 Resp: 437246
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 21.4 17.4 26.0

