

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
 Data File : BF137596.D
 Acq On : 14 Mar 2024 18:01
 Operator : CG\JU
 Sample : P1746-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-2.0-4.0

Quant Time: Mar 14 18:32:15 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)

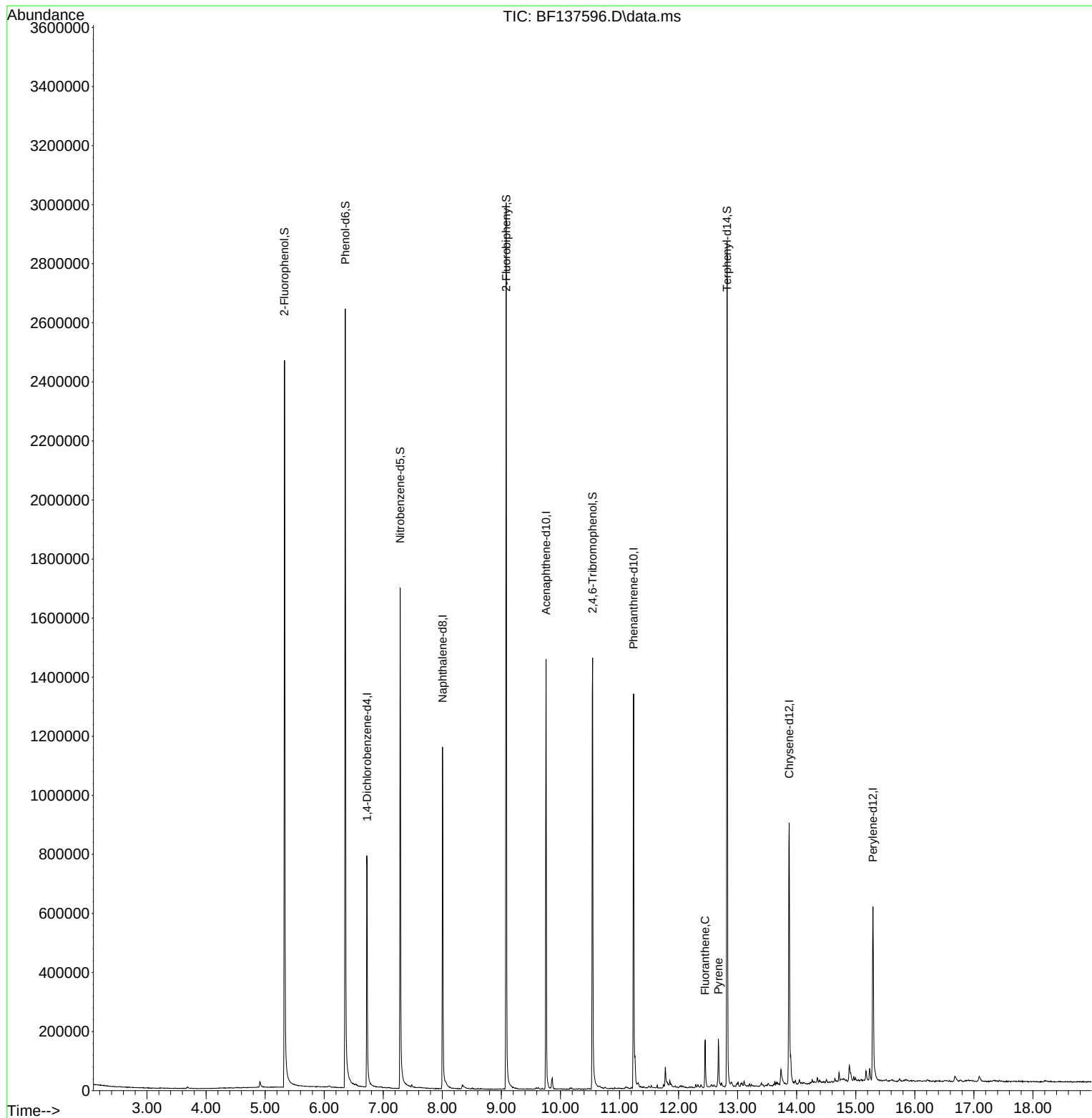
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	132427	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	515443	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	287113	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	490057	20.000	ng	0.00
76) Chrysene-d12	13.874	240	308439	20.000	ng	0.00
86) Perylene-d12	15.292	264	279327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	703507	80.459	ng	0.00
7) Phenol-d6	6.357	99	950828	75.335	ng	-0.01
23) Nitrobenzene-d5	7.286	82	572242	51.584	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	183197	72.658	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	882652	48.123	ng	0.00
79) Terphenyl-d14	12.821	244	964893	43.018	ng	0.00
Target Compounds						
75) Fluoranthene	12.451	202	71137	2.729	ng	95
78) Pyrene	12.674	202	68143	2.252	ng	98

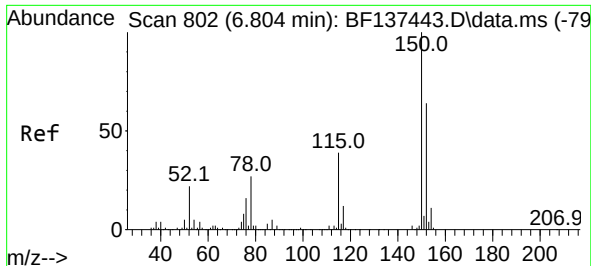
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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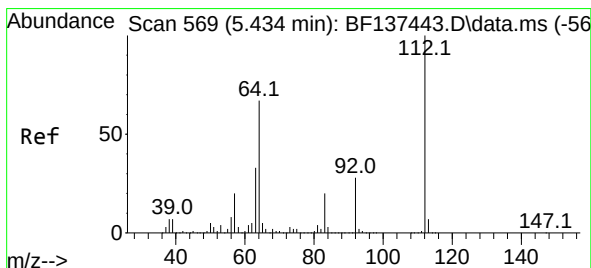
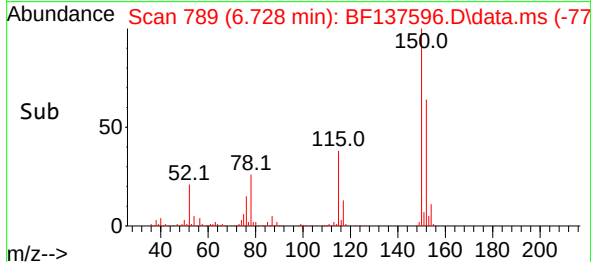
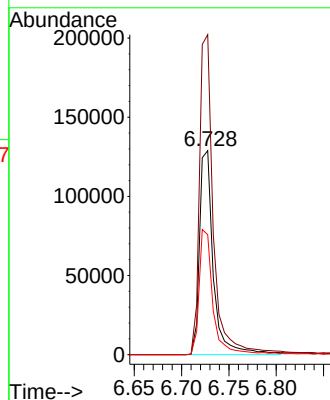
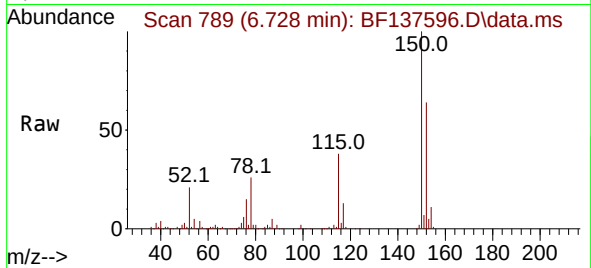




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

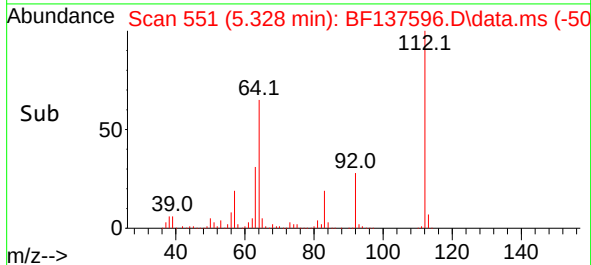
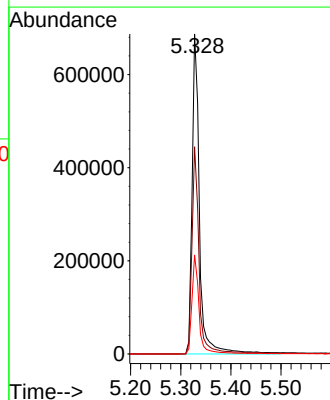
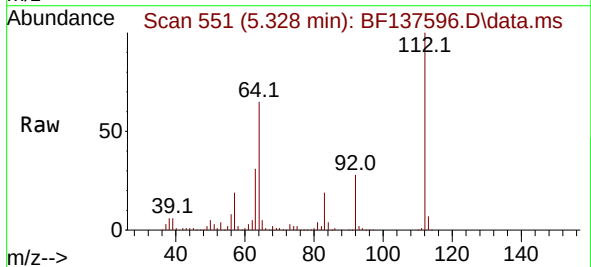
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-4.0

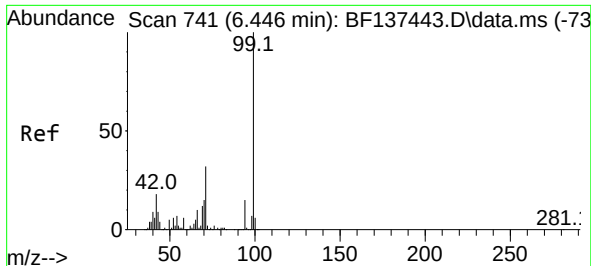
Tgt Ion:152 Resp: 132427
Ion Ratio Lower Upper
152 100
150 156.8 125.8 188.6
115 58.8 48.8 73.2



#5
2-Fluorophenol
Concen: 80.459 ng
RT: 5.328 min Scan# 551
Delta R.T. -0.006 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

Tgt Ion:112 Resp: 703507
Ion Ratio Lower Upper
112 100
64 64.7 53.4 80.2
63 31.0 26.2 39.2

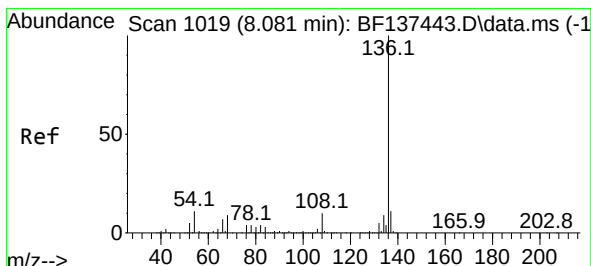
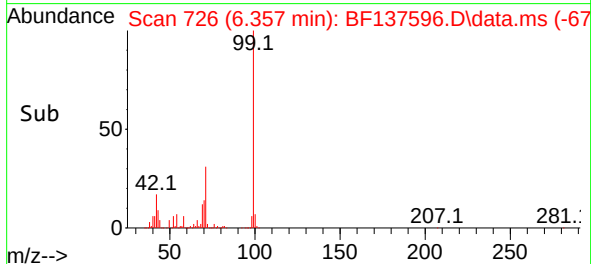
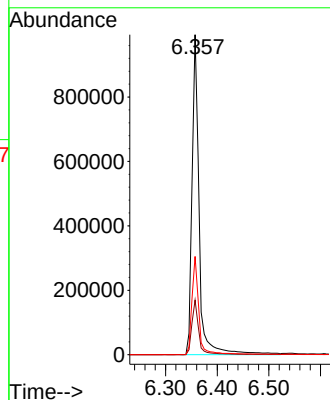
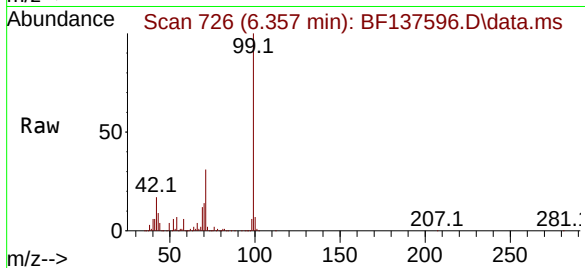




#7
Phenol-d6
Concen: 75.335 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

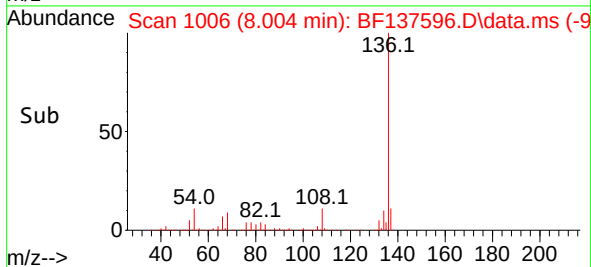
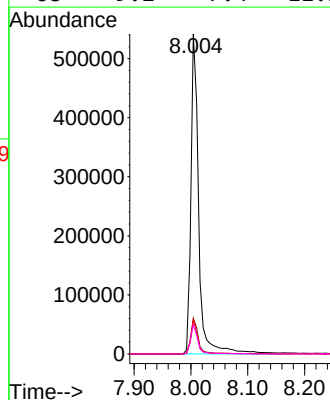
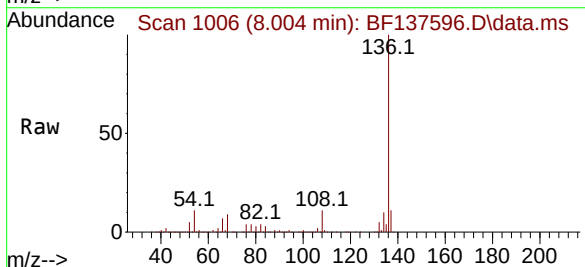
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-4.0

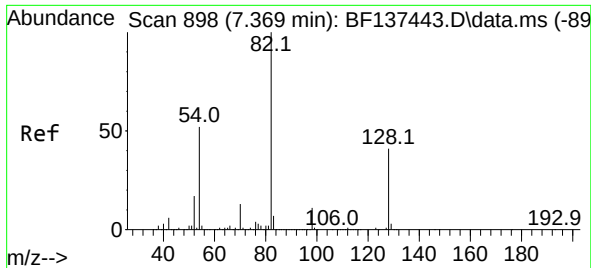
Tgt Ion: 99 Resp: 950828
Ion Ratio Lower Upper
99 100
42 17.1 14.6 21.8
71 30.7 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

Tgt Ion: 136 Resp: 515443
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 10.7 8.5 12.7
68 9.2 7.4 11.2

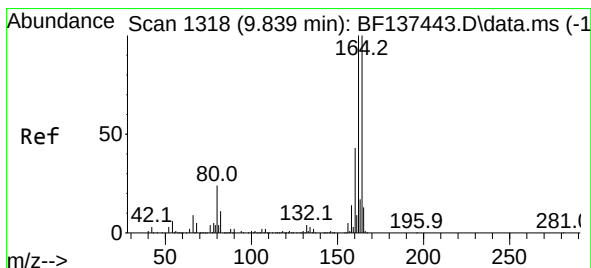
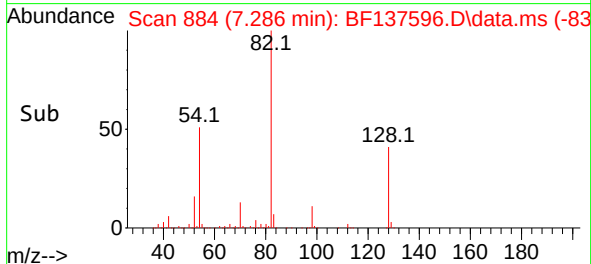
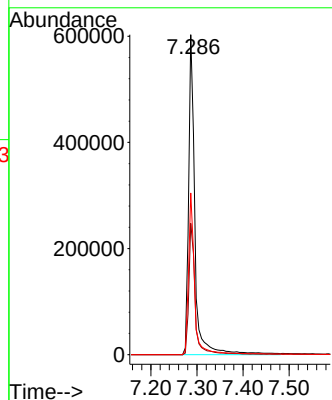
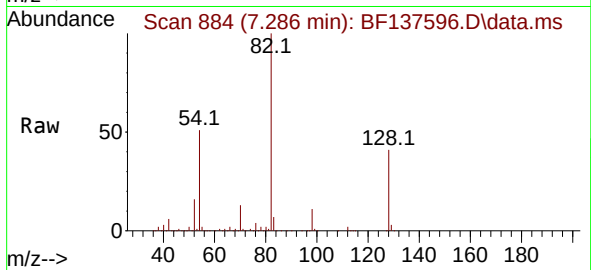




#23
Nitrobenzene-d5
Concen: 51.584 ng
RT: 7.286 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

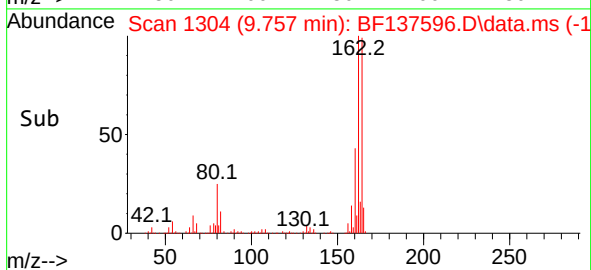
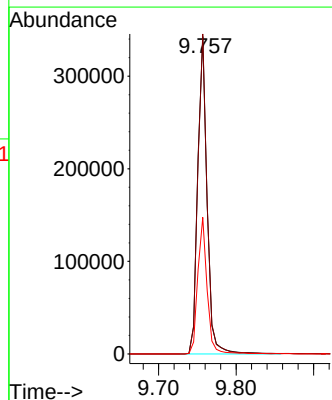
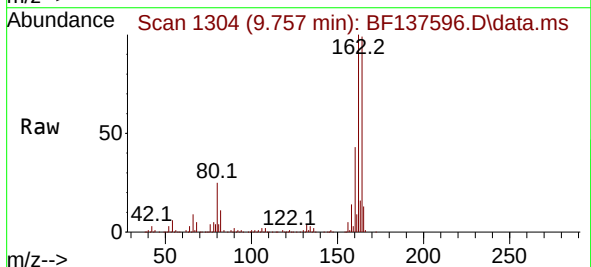
Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-4.0

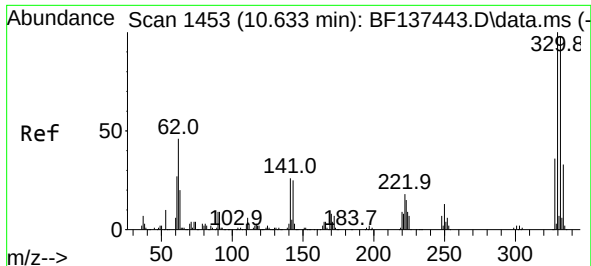
Tgt Ion: 82 Resp: 572242
Ion Ratio Lower Upper
82 100
128 41.1 32.5 48.7
54 50.5 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137596.D
Acq: 14 Mar 2024 18:01

Tgt Ion: 164 Resp: 287113
Ion Ratio Lower Upper
164 100
162 100.8 79.8 119.8
160 43.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 72.658 ng

RT: 10.545 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137596.D

Acq: 14 Mar 2024 18:01

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-4.0

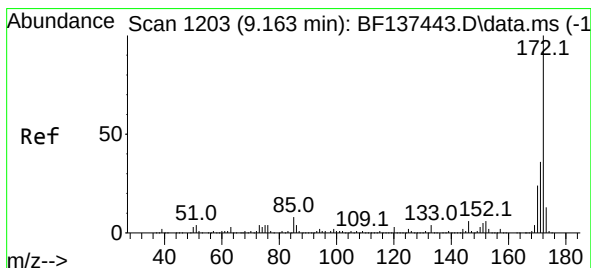
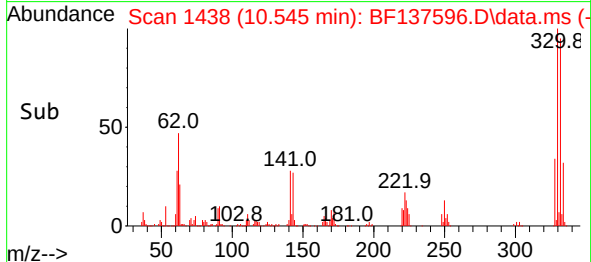
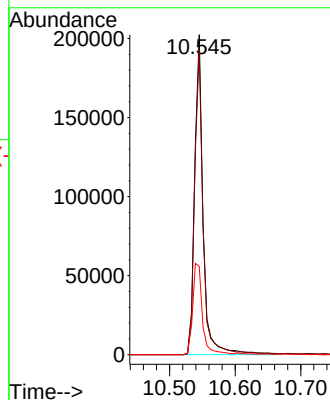
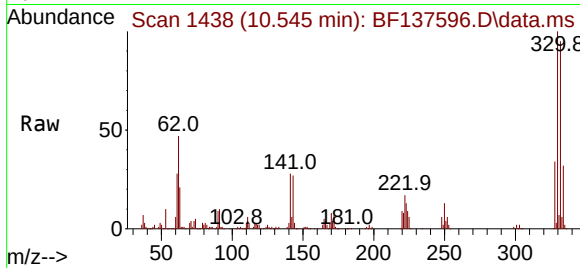
Tgt Ion:330 Resp: 183197

Ion Ratio Lower Upper

330 100

332 95.3 78.0 117.0

141 32.4 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 48.123 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF137596.D

Acq: 14 Mar 2024 18:01

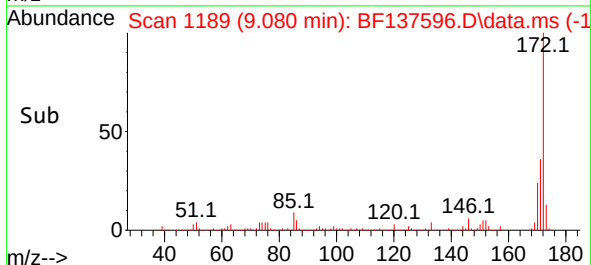
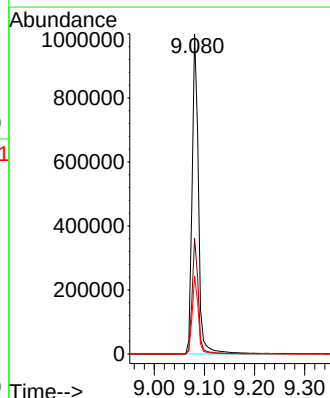
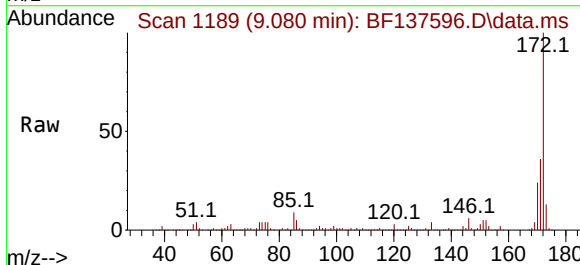
Tgt Ion:172 Resp: 882652

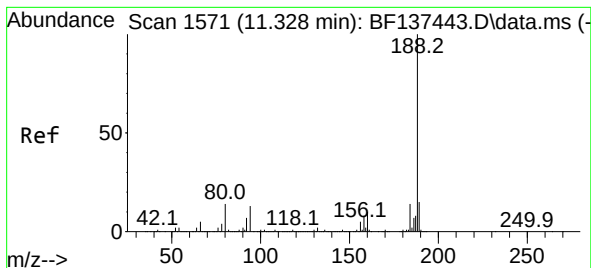
Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 24.3 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: BF137596.D

Acq: 14 Mar 2024 18:01

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-4.0

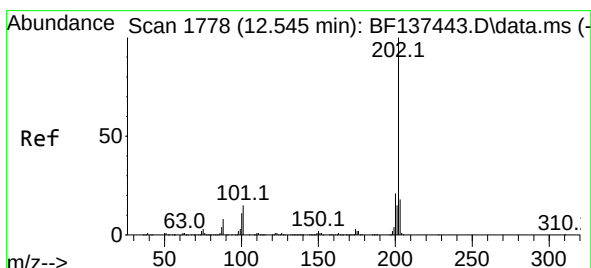
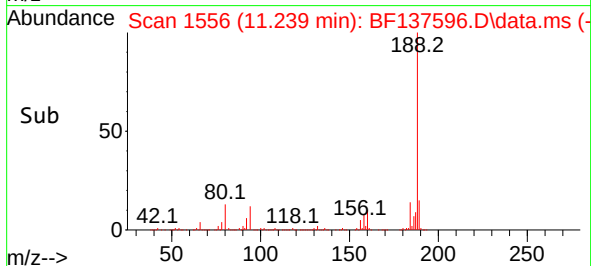
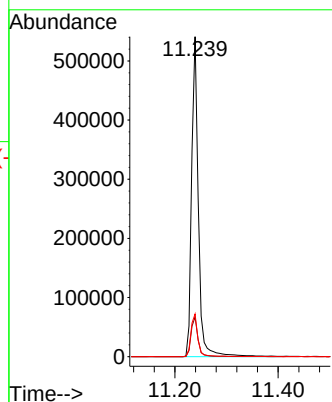
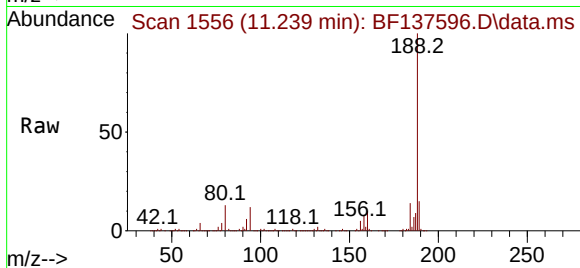
Tgt Ion:188 Resp: 490057

Ion Ratio Lower Upper

188 100

94 12.4 10.6 15.8

80 13.3 11.5 17.3



#75

Fluoranthene

Concen: 2.729 ng

RT: 12.451 min Scan# 1762

Delta R.T. -0.000 min

Lab File: BF137596.D

Acq: 14 Mar 2024 18:01

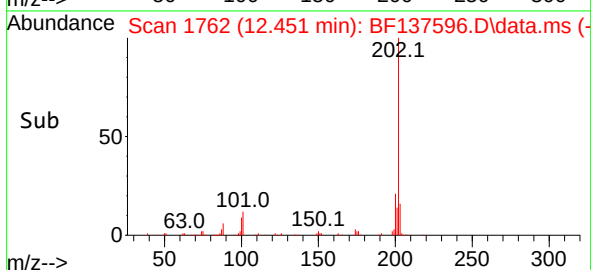
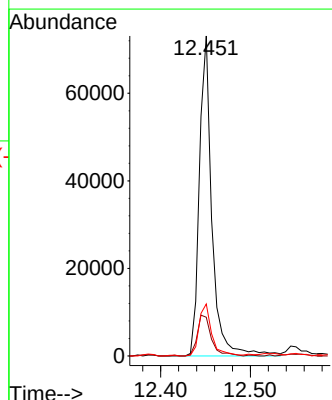
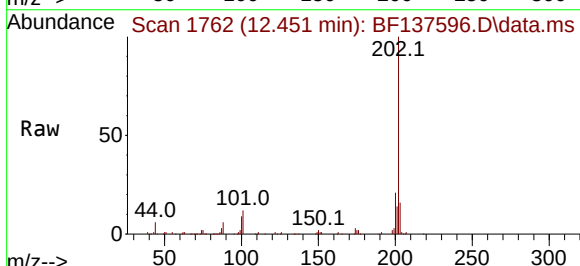
Tgt Ion:202 Resp: 71137

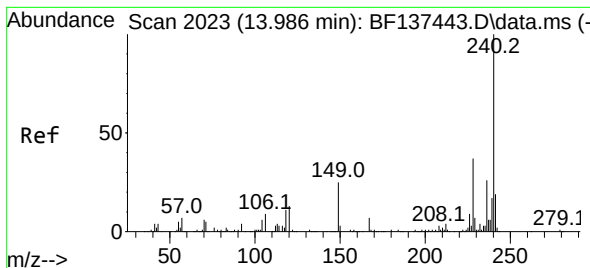
Ion Ratio Lower Upper

202 100

101 12.1 0.0 35.0

203 16.3 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF137596.D

Acq: 14 Mar 2024 18:01

Instrument :

BNA_F

ClientSampleId :

SB-04-2.0-4.0

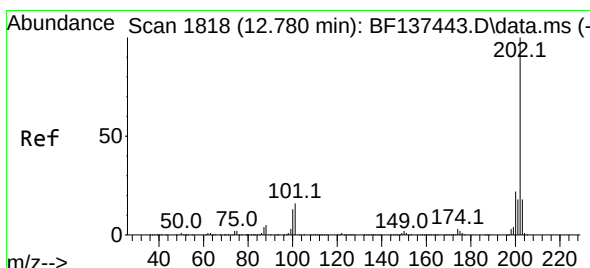
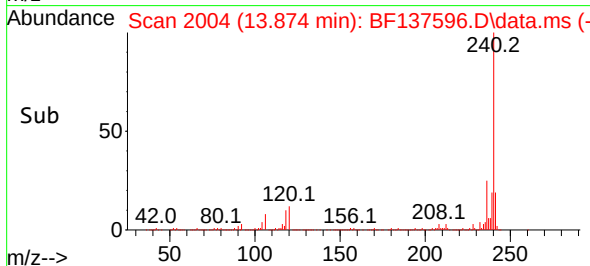
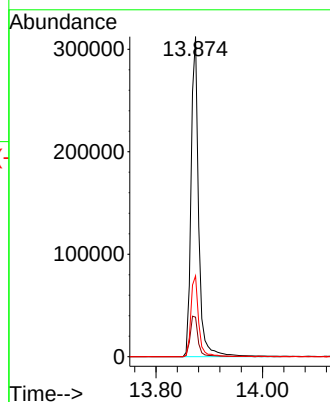
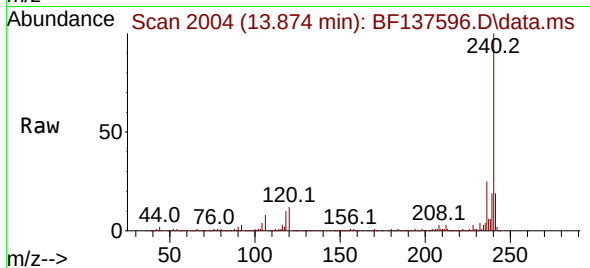
Tgt Ion:240 Resp: 308439

Ion Ratio Lower Upper

240 100

120 12.3 10.4 15.6

236 25.3 20.9 31.3



#78

Pyrene

Concen: 2.252 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF137596.D

Acq: 14 Mar 2024 18:01

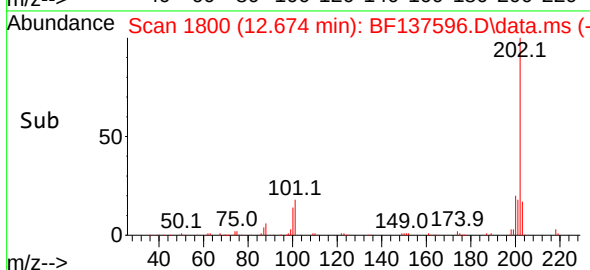
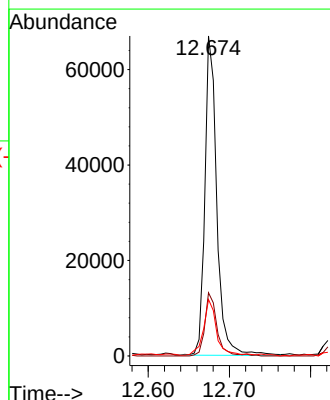
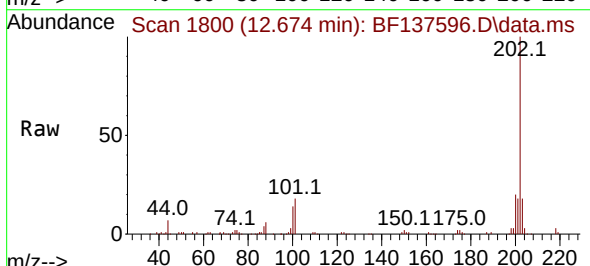
Tgt Ion:202 Resp: 68143

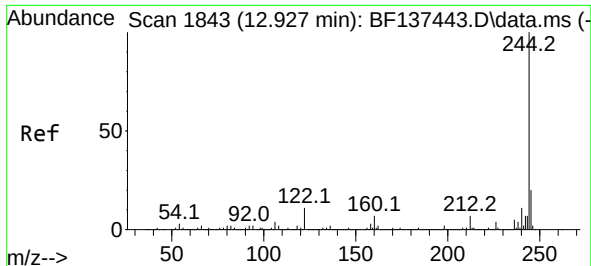
Ion Ratio Lower Upper

202 100

200 19.8 17.4 26.2

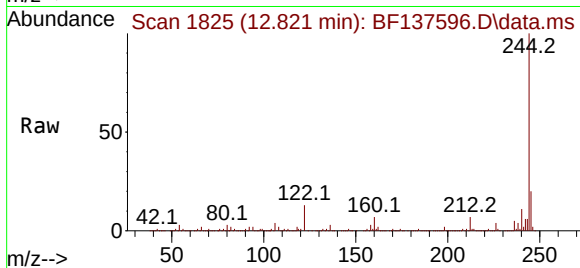
203 17.6 14.1 21.1



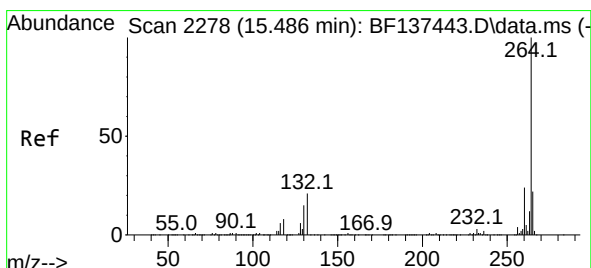
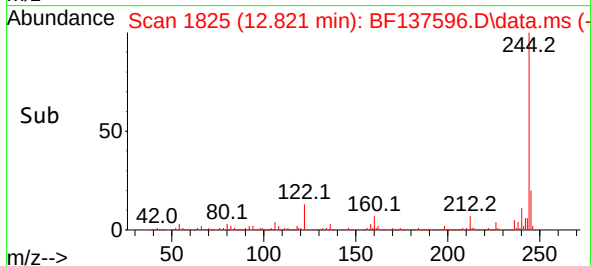
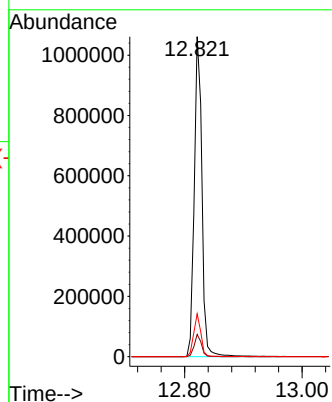


#79
 Terphenyl-d14
 Concen: 43.018 ng
 RT: 12.821 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF137596.D
 Acq: 14 Mar 2024 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-2.0-4.0



Tgt Ion:244 Resp: 964893
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 13.4 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. -0.006 min
 Lab File: BF137596.D
 Acq: 14 Mar 2024 18:01

Tgt Ion:264 Resp: 279327
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 21.3 17.4 26.0

