

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
 Data File : BF137520.D
 Acq On : 06 Mar 2024 15:55
 Operator : CG\JU
 Sample : P1685-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12002

Quant Time: Mar 06 16:16:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

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

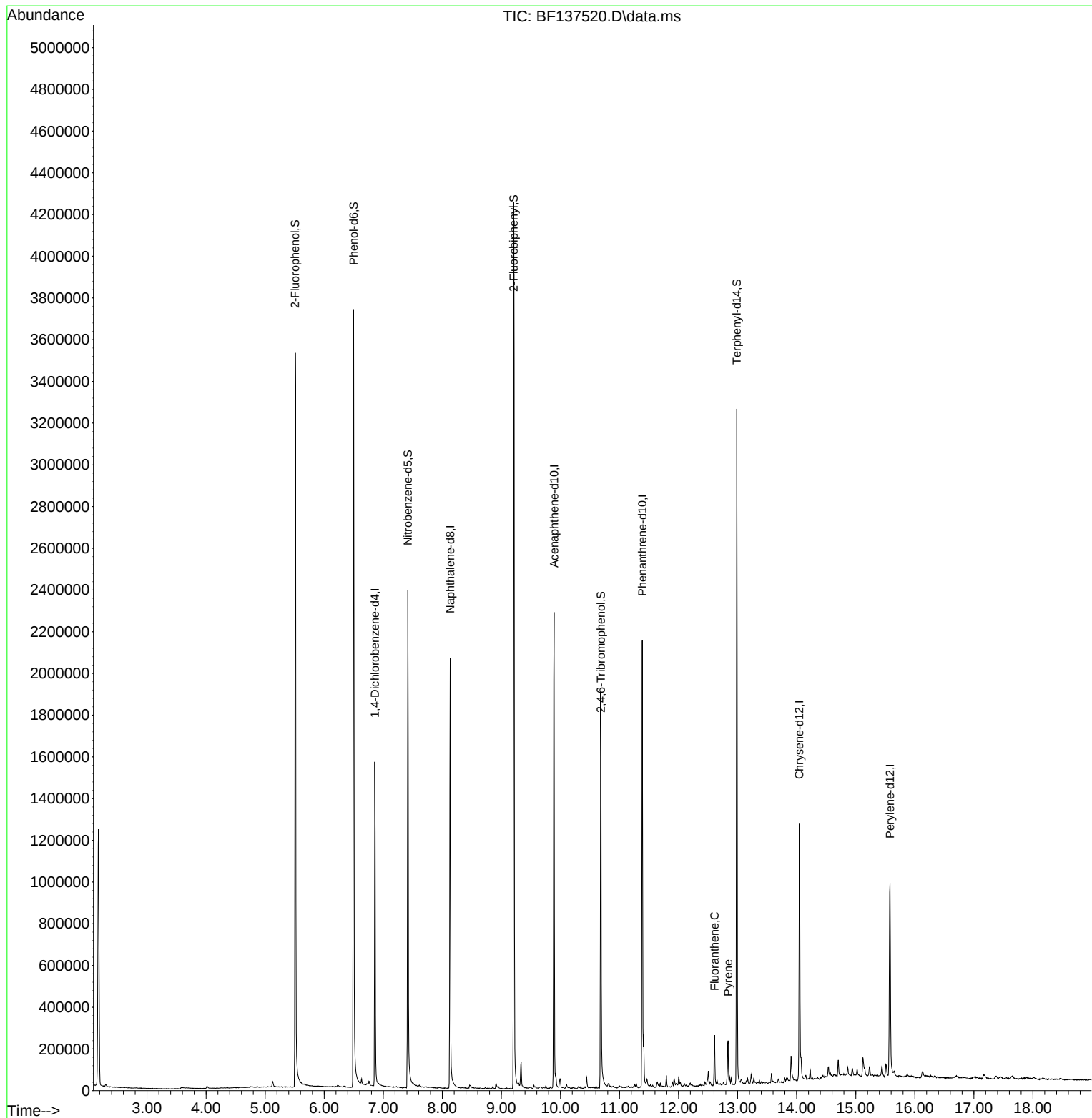
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	229825	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	909353	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	486733	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	770992	20.000	ng	0.00
76) Chrysene-d12	14.045	240	407799	20.000	ng	0.00
86) Perylene-d12	15.580	264	472262	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1030883	67.935	ng	0.00
7) Phenol-d6	6.498	99	1414781	64.590	ng	0.00
23) Nitrobenzene-d5	7.416	82	863041	44.098	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	224218	52.457	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1374646	44.209	ng	0.00
79) Terphenyl-d14	12.986	244	1077079	36.319	ng	0.00
Target Compounds						
75) Fluoranthene	12.610	202	106228	2.590	ng	98
78) Pyrene	12.839	202	90468	2.261	ng	97

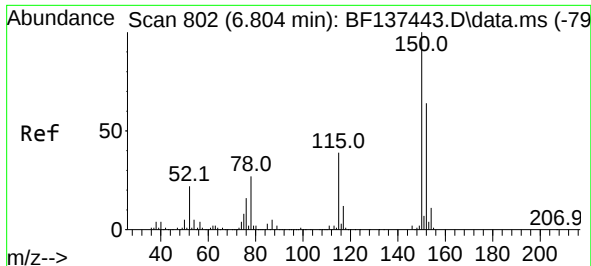
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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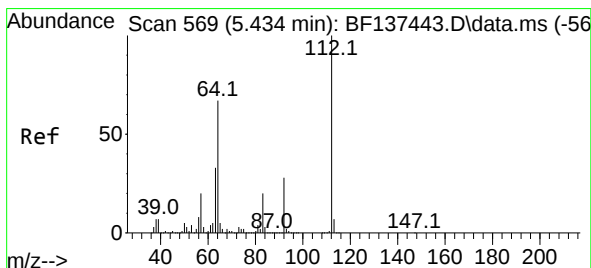
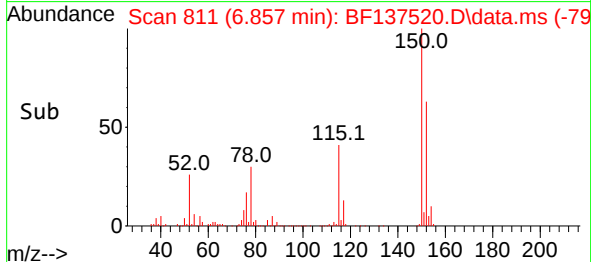
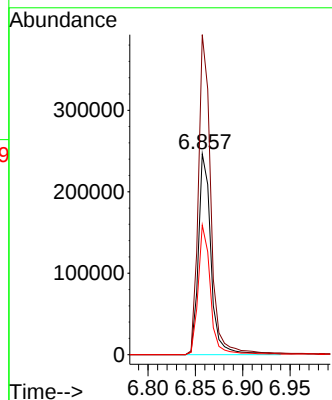
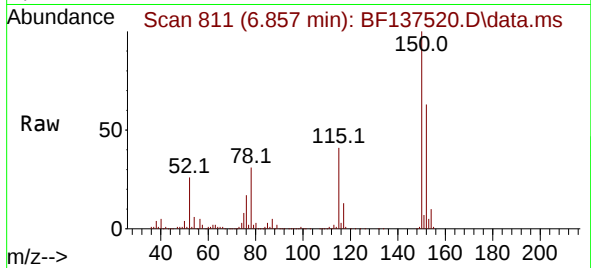




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137520.D
Acq: 06 Mar 2024 15:55

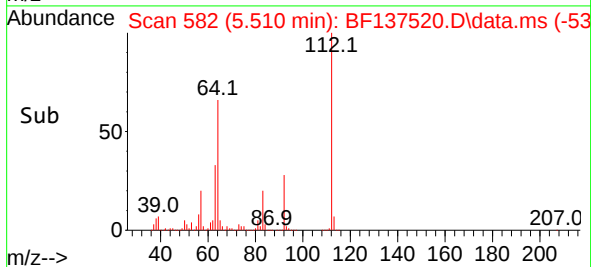
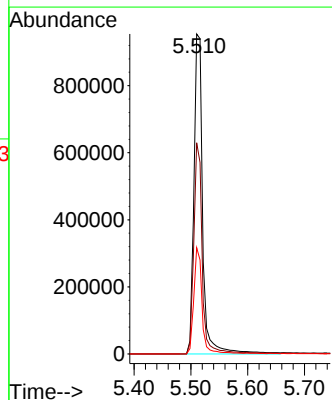
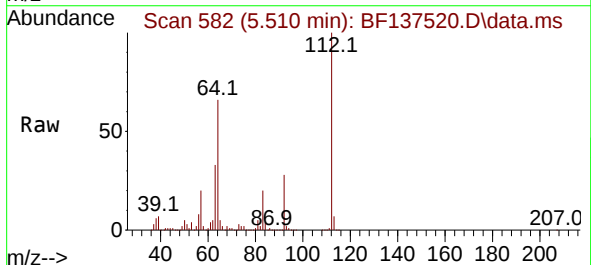
Instrument :
BNA_F
ClientSampleId :
72-12002

Tgt Ion:152 Resp: 229825
Ion Ratio Lower Upper
152 100
150 159.3 125.8 188.6
115 64.6 48.8 73.2



#5
2-Fluorophenol
Concen: 67.935 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF137520.D
Acq: 06 Mar 2024 15:55

Tgt Ion:112 Resp: 1030883
Ion Ratio Lower Upper
112 100
64 66.0 53.4 80.2
63 33.2 26.2 39.2

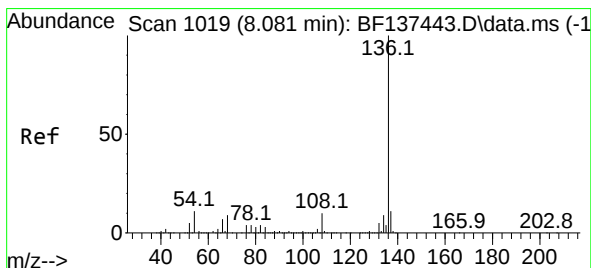
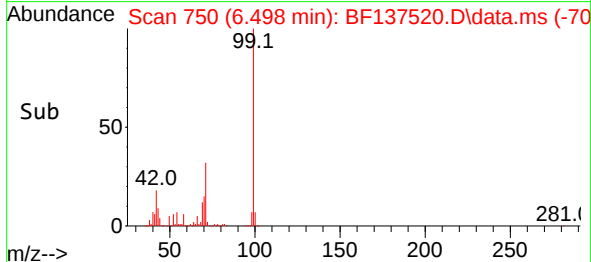
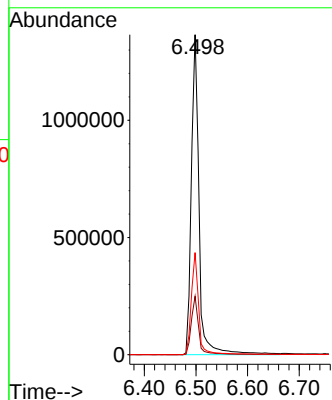
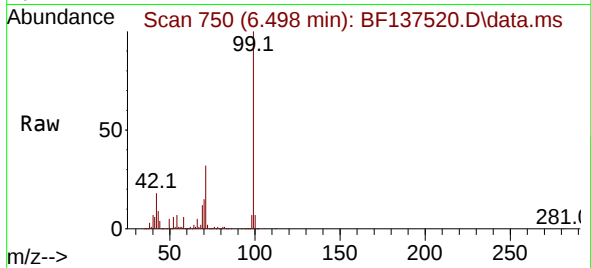




#7
Phenol-d6
Concen: 64.590 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137520.D
Acq: 06 Mar 2024 15:55

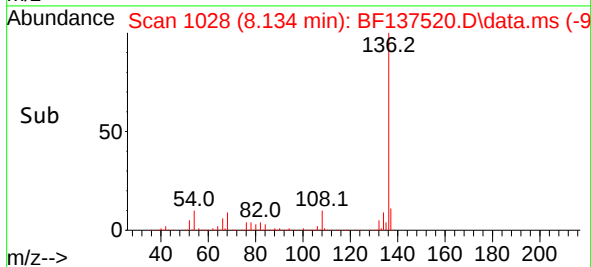
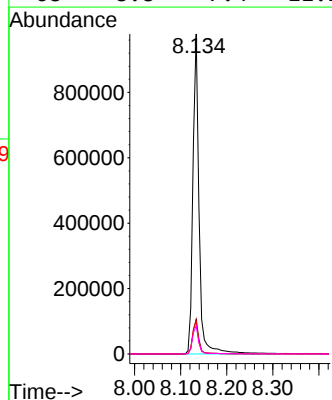
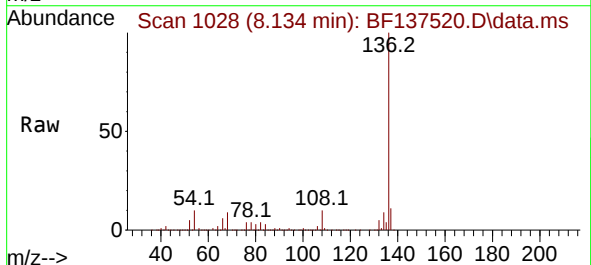
Instrument :
BNA_F
ClientSampleId :
72-12002

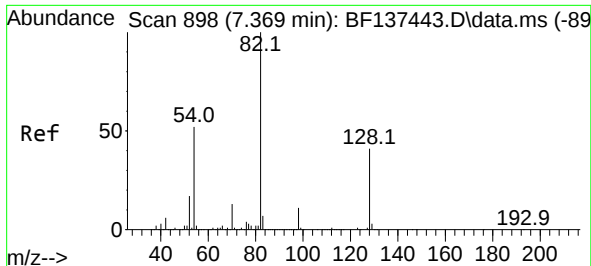
Tgt Ion: 99 Resp: 1414781
Ion Ratio Lower Upper
99 100
42 18.3 14.6 21.8
71 31.9 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF137520.D
Acq: 06 Mar 2024 15:55

Tgt Ion: 136 Resp: 909353
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 10.1 8.5 12.7
68 8.8 7.4 11.2

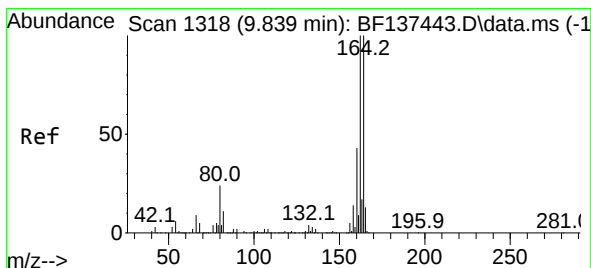
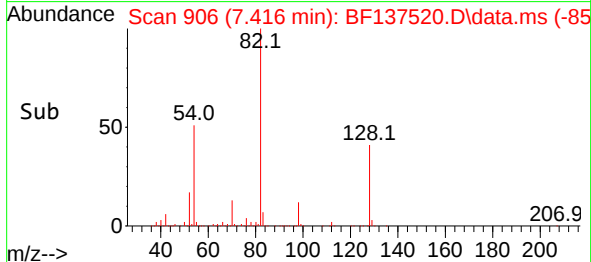
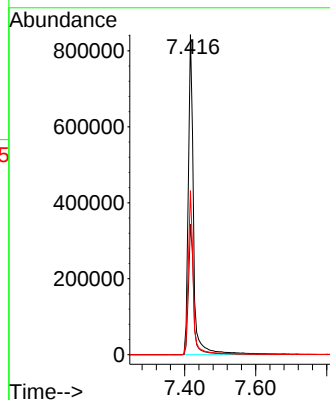
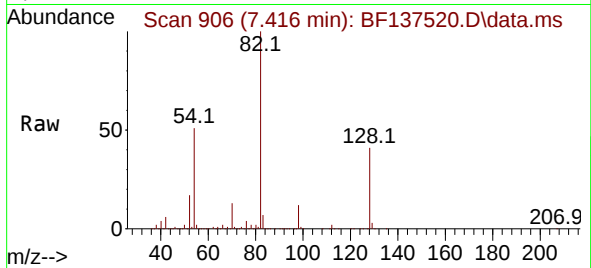




#23
Nitrobenzene-d5
Concen: 44.098 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF137520.D
Acq: 06 Mar 2024 15:55

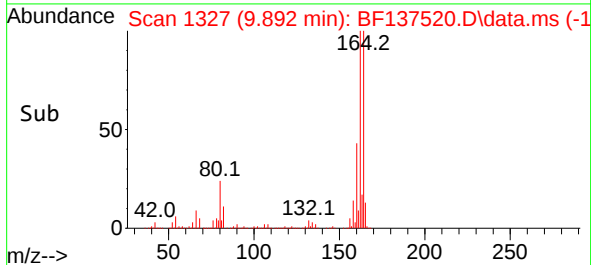
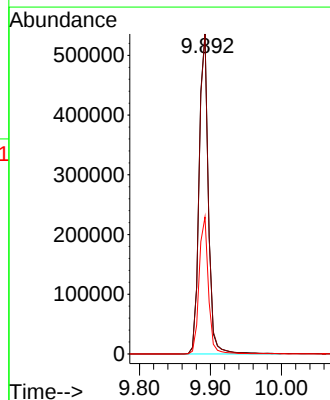
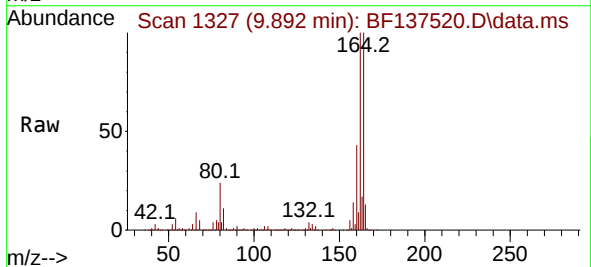
Instrument :
BNA_F
ClientSampleId :
72-12002

Tgt Ion: 82 Resp: 863041
Ion Ratio Lower Upper
82 100
128 40.8 32.5 48.7
54 51.3 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF137520.D
Acq: 06 Mar 2024 15:55

Tgt Ion: 164 Resp: 486733
Ion Ratio Lower Upper
164 100
162 99.9 79.8 119.8
160 42.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 52.457 ng

RT: 10.686 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137520.D

Acq: 06 Mar 2024 15:55

Instrument :

BNA_F

ClientSampleId :

72-12002

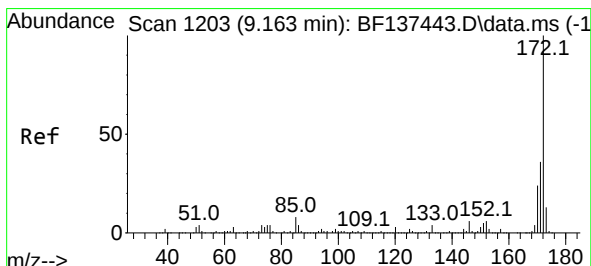
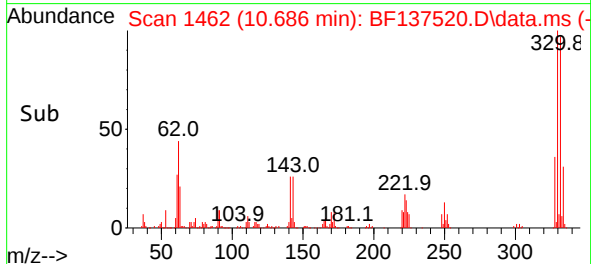
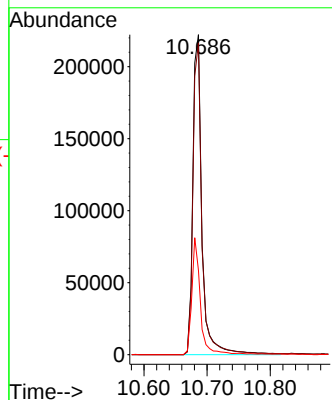
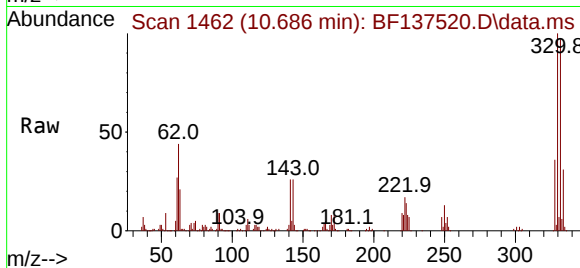
Tgt Ion:330 Resp: 224218

Ion Ratio Lower Upper

330 100

332 97.0 78.0 117.0

141 34.7 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 44.209 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF137520.D

Acq: 06 Mar 2024 15:55

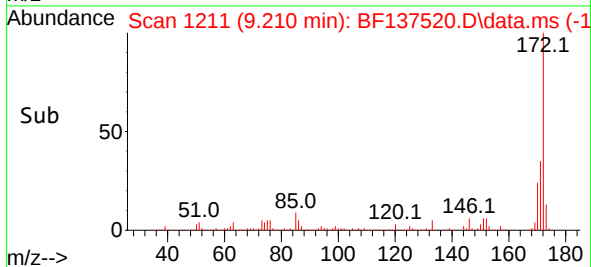
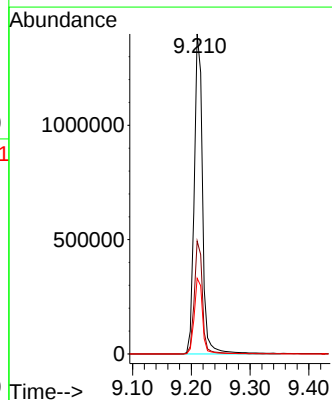
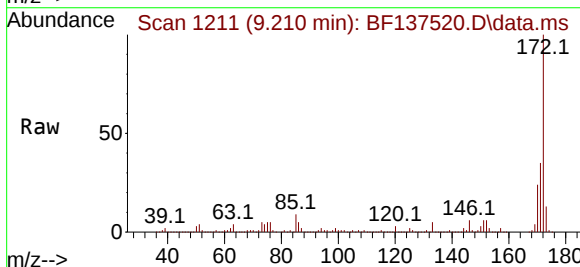
Tgt Ion:172 Resp: 1374646

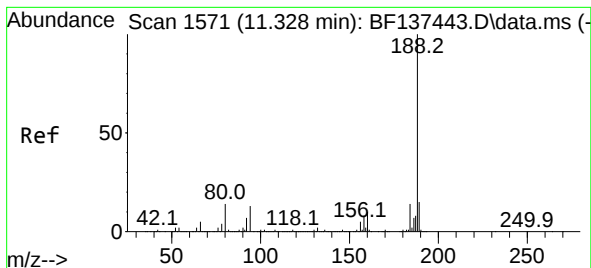
Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 23.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137520.D

Acq: 06 Mar 2024 15:55

Instrument :

BNA_F

ClientSampleId :

72-12002

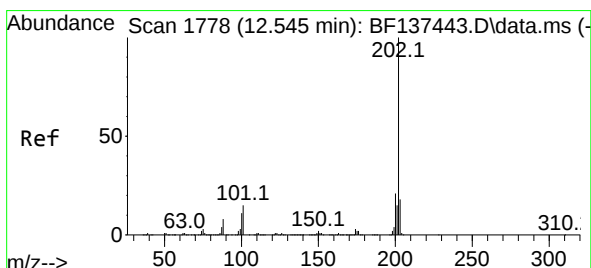
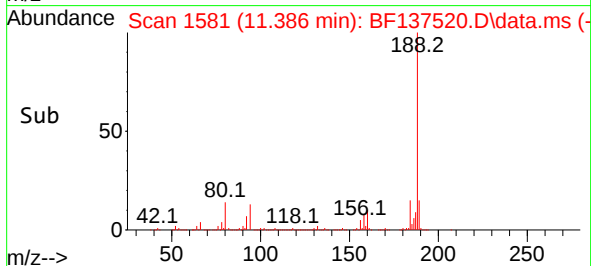
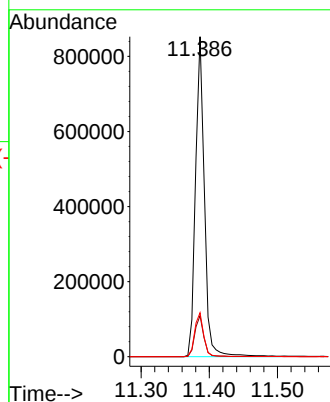
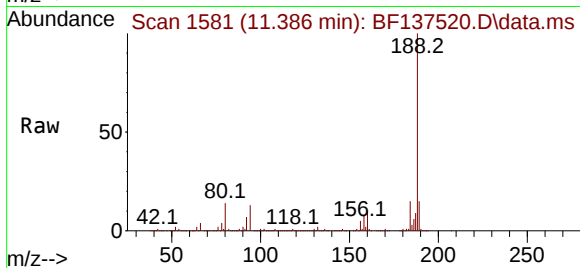
Tgt Ion:188 Resp: 770992

Ion Ratio Lower Upper

188 100

94 12.8 10.6 15.8

80 13.7 11.5 17.3



#75

Fluoranthene

Concen: 2.590 ng

RT: 12.610 min Scan# 1789

Delta R.T. 0.000 min

Lab File: BF137520.D

Acq: 06 Mar 2024 15:55

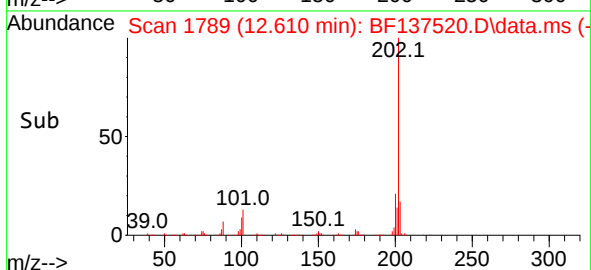
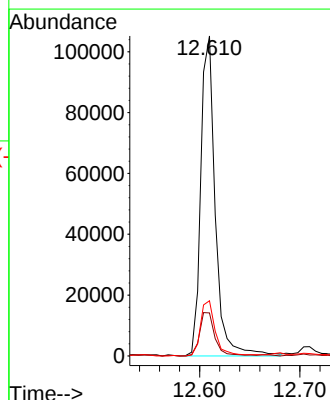
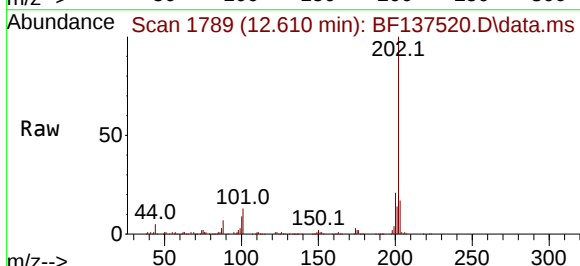
Tgt Ion:202 Resp: 106228

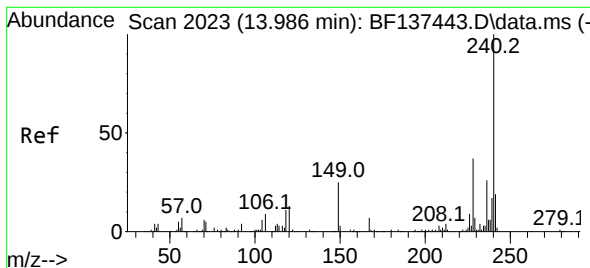
Ion Ratio Lower Upper

202 100

101 13.5 0.0 35.0

203 17.2 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137520.D

Acq: 06 Mar 2024 15:55

Instrument :

BNA_F

ClientSampleId :

72-12002

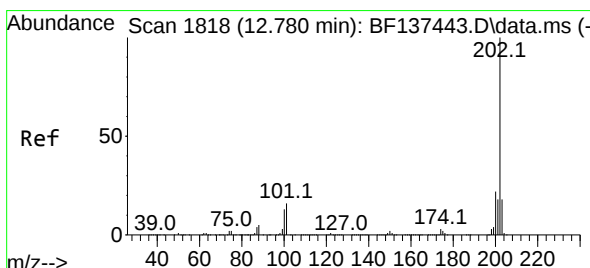
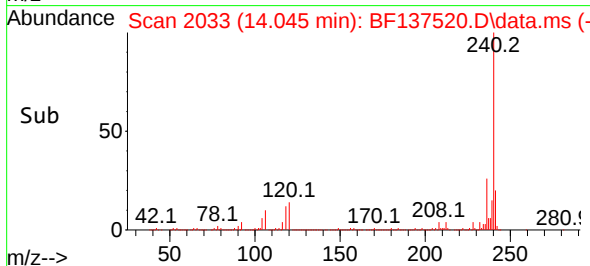
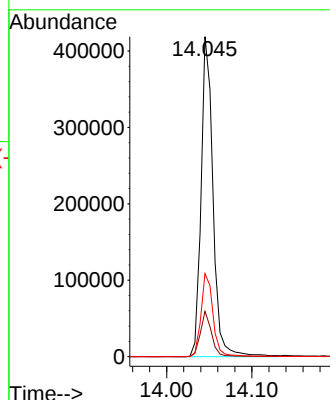
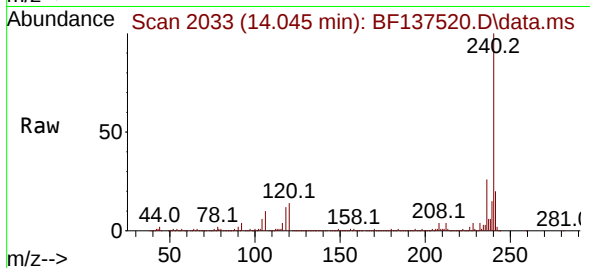
Tgt Ion:240 Resp: 407799

Ion Ratio Lower Upper

240 100

120 14.1 10.4 15.6

236 25.9 20.9 31.3



#78

Pyrene

Concen: 2.261 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF137520.D

Acq: 06 Mar 2024 15:55

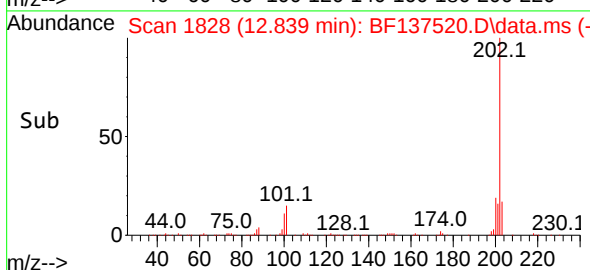
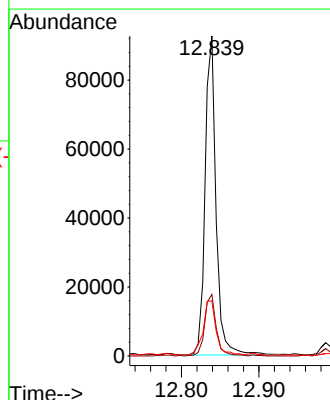
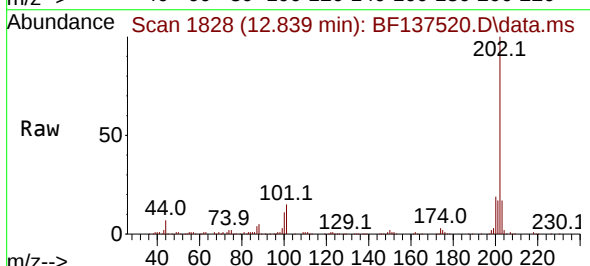
Tgt Ion:202 Resp: 90468

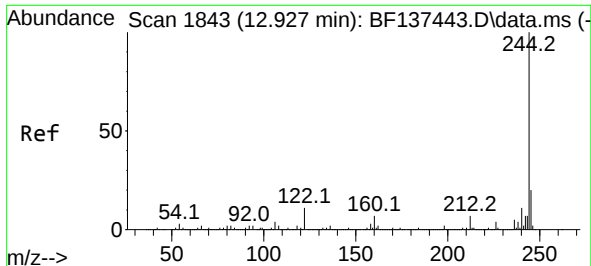
Ion Ratio Lower Upper

202 100

200 19.2 17.4 26.2

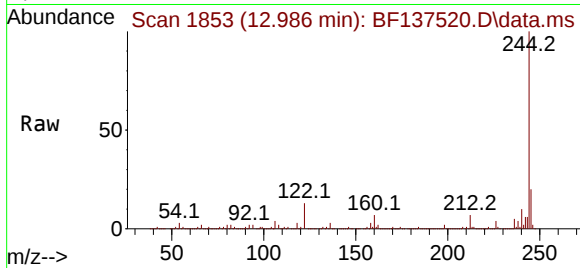
203 17.2 14.1 21.1



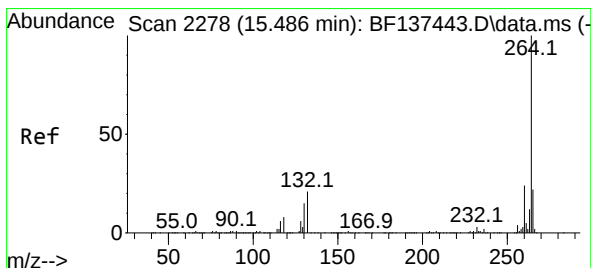
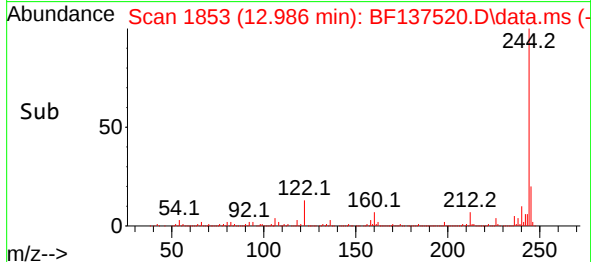
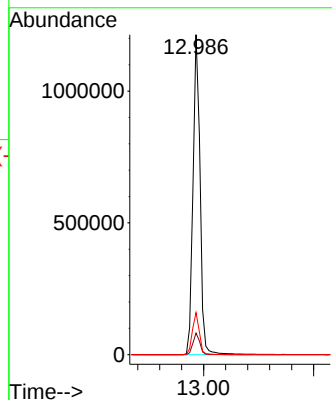


#79
 Terphenyl-d14
 Concen: 36.319 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137520.D
 Acq: 06 Mar 2024 15:55

Instrument :
 BNA_F
 ClientSampleId :
 72-12002



Tgt Ion:244 Resp: 1077079
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 13.1 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. 0.012 min
 Lab File: BF137520.D
 Acq: 06 Mar 2024 15:55

Tgt Ion:264 Resp: 472262
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.3 28.9
 265 22.6 17.4 26.0

