

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032024\
 Data File : BF137656.D
 Acq On : 20 Mar 2024 15:42
 Operator : CG\JU
 Sample : P1792-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11977

Quant Time: Mar 20 16:19:08 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)

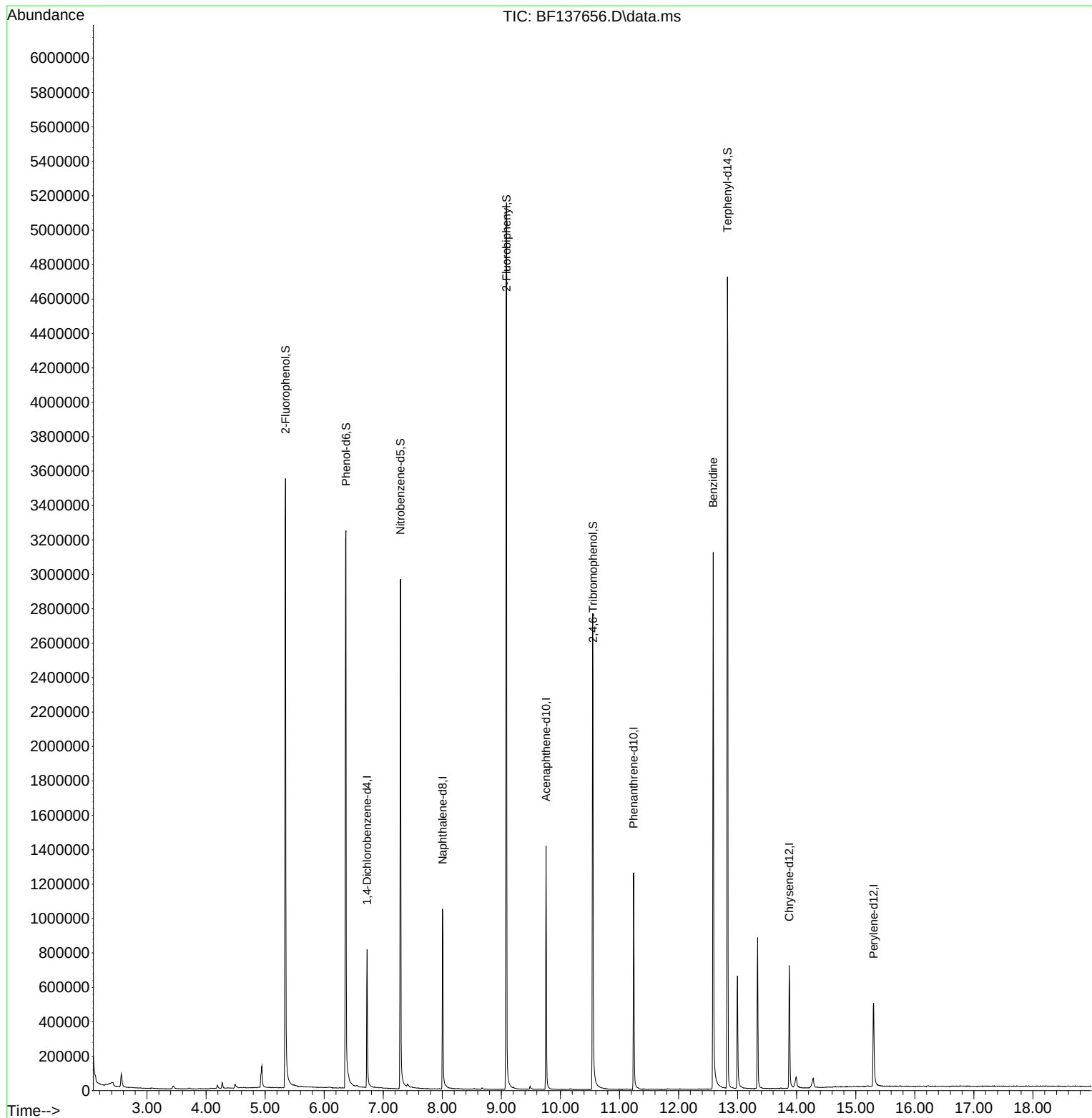
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	125194	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	499984	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	284572	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	480462	20.000	ng	0.00
76) Chrysene-d12	13.874	240	261770	20.000	ng	0.00
86) Perylene-d12	15.304	264	259002	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1118846	135.353	ng	0.01
7) Phenol-d6	6.369	99	1401550	117.462	ng	0.00
23) Nitrobenzene-d5	7.292	82	983637	91.411	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	378668	151.526	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1690180	92.973	ng	0.00
79) Terphenyl-d14	12.827	244	1828847	96.071	ng	0.00
Target Compounds						
77) Benzdine	12.586	184	1269772	198.213	ng	Qvalue 97

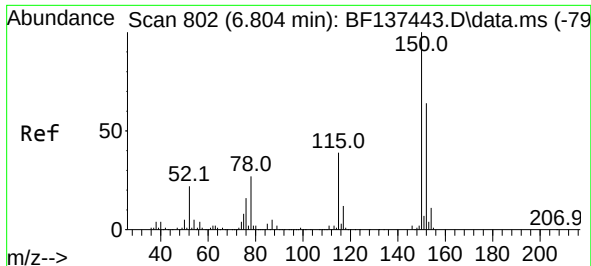
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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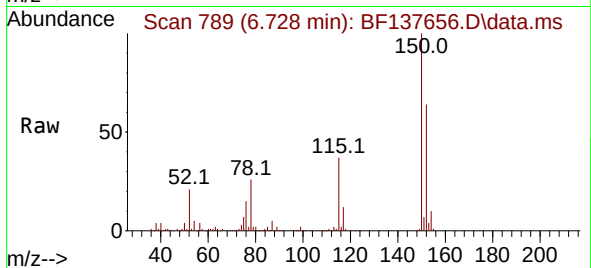
Quant Time: Mar 20 16:19:08 2024
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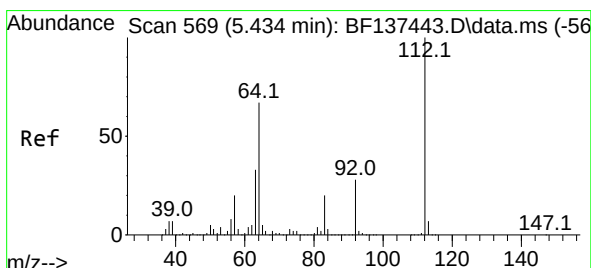
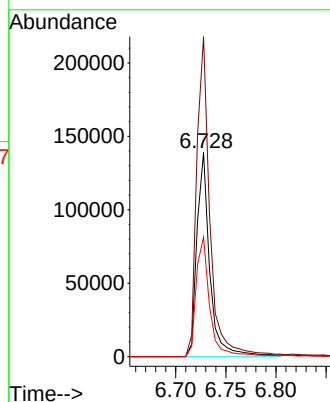
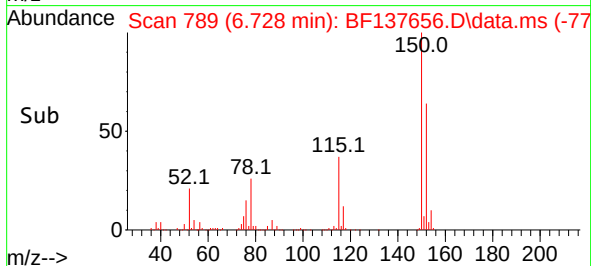


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137656.D
Acq: 20 Mar 2024 15:42

Instrument :
BNA_F
ClientSampleId :
72-11977

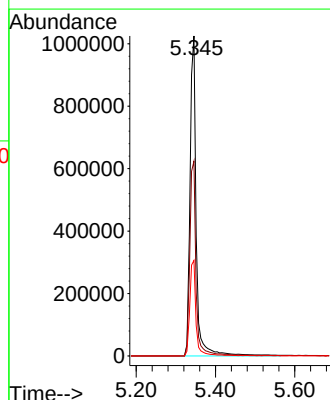
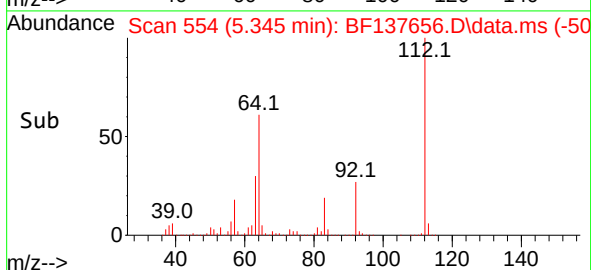
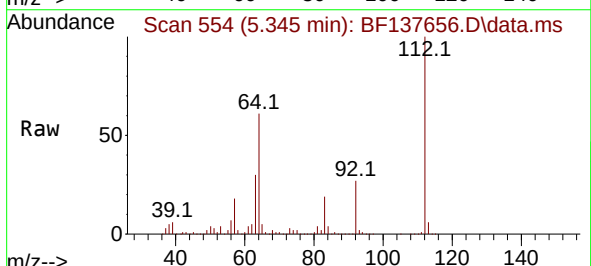


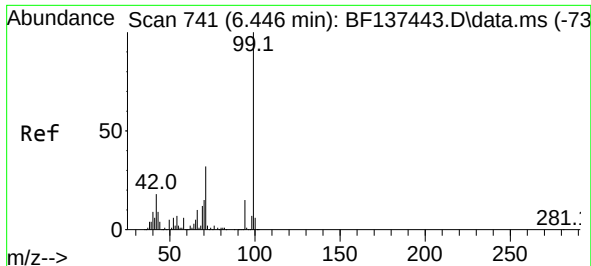
Tgt Ion:152 Resp: 125194
Ion Ratio Lower Upper
152 100
150 156.8 125.8 188.6
115 58.6 48.8 73.2



#5
2-Fluorophenol
Concen: 135.353 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF137656.D
Acq: 20 Mar 2024 15:42

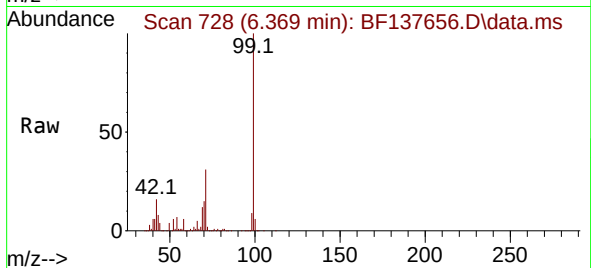
Tgt Ion:112 Resp: 1118846
Ion Ratio Lower Upper
112 100
64 60.8 53.4 80.2
63 29.9 26.2 39.2





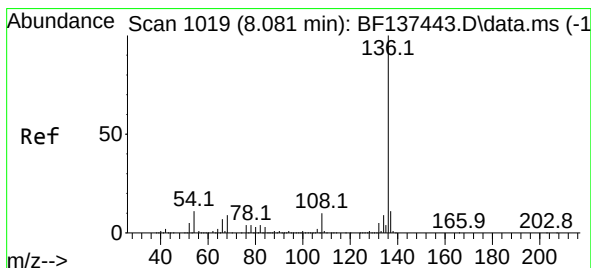
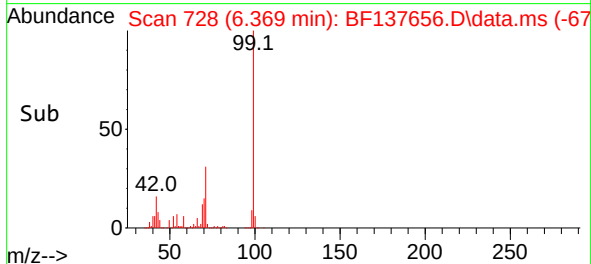
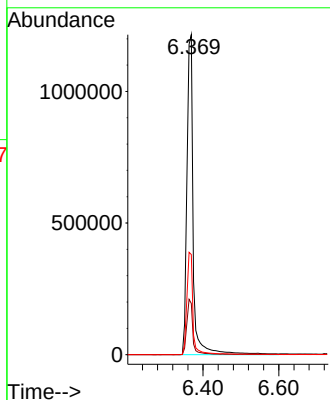
#7
Phenol-d6
Concen: 117.462 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137656.D
Acq: 20 Mar 2024 15:42

Instrument :
BNA_F
ClientSampleId :
72-11977



Tgt Ion: 99 Resp: 1401550

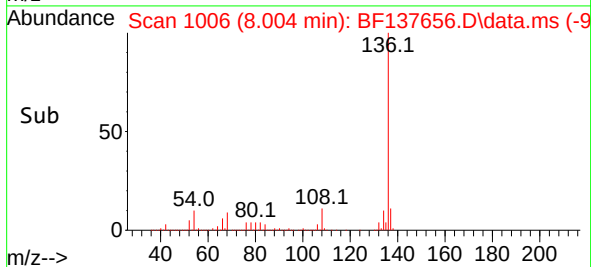
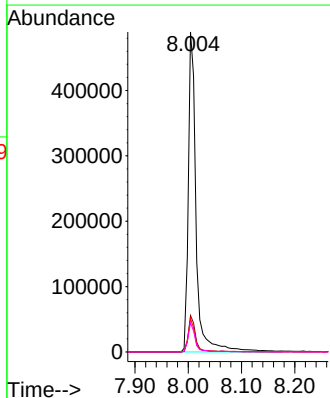
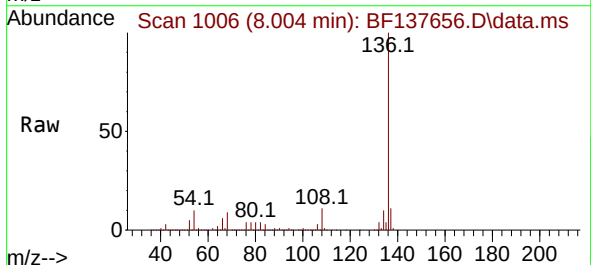
Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.6	21.8
71	31.3	25.3	37.9

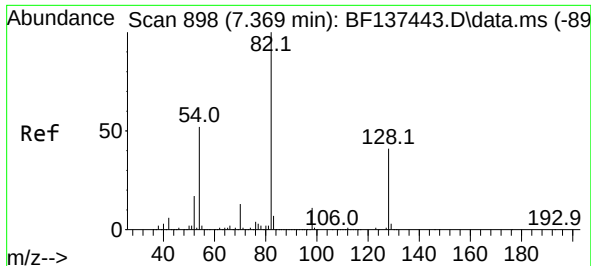


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137656.D
Acq: 20 Mar 2024 15:42

Tgt Ion: 136 Resp: 499984

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	10.4	8.5	12.7
68	9.1	7.4	11.2





#23

Nitrobenzene-d5

Concen: 91.411 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137656.D

Acq: 20 Mar 2024 15:42

Instrument :

BNA_F

ClientSampleId :

72-11977

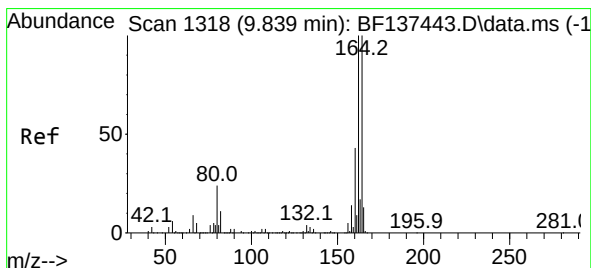
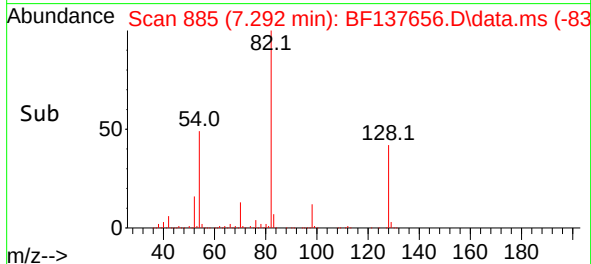
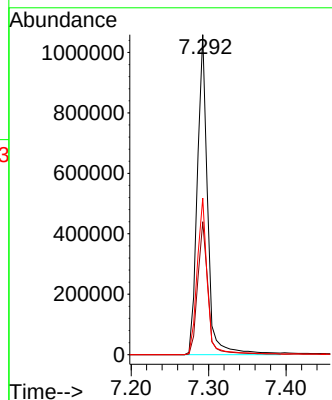
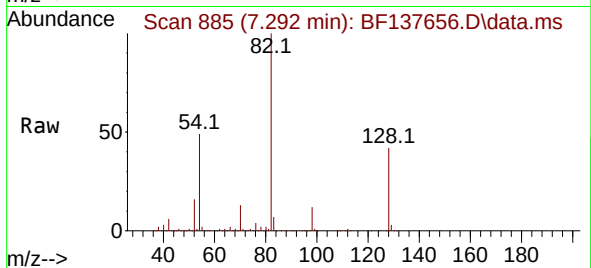
Tgt Ion: 82 Resp: 983637

Ion Ratio Lower Upper

82 100

128 41.6 32.5 48.7

54 48.9 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: BF137656.D

Acq: 20 Mar 2024 15:42

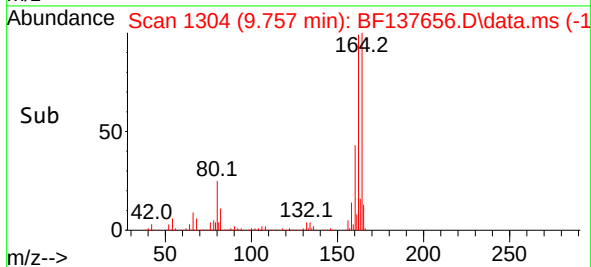
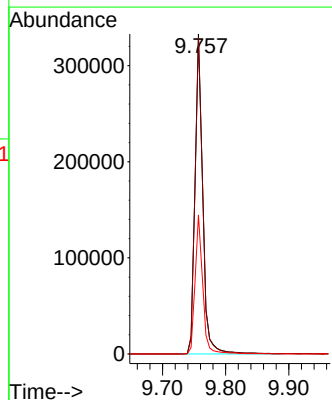
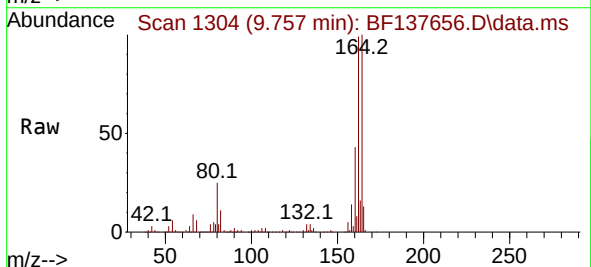
Tgt Ion: 164 Resp: 284572

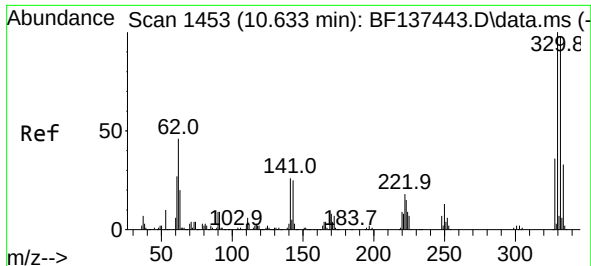
Ion Ratio Lower Upper

164 100

162 98.8 79.8 119.8

160 43.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 151.526 ng

RT: 10.551 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BF137656.D

Acq: 20 Mar 2024 15:42

Instrument :

BNA_F

ClientSampleId :

72-11977

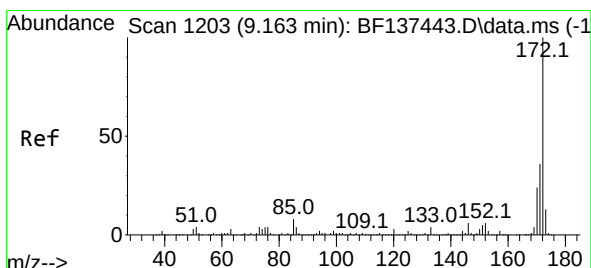
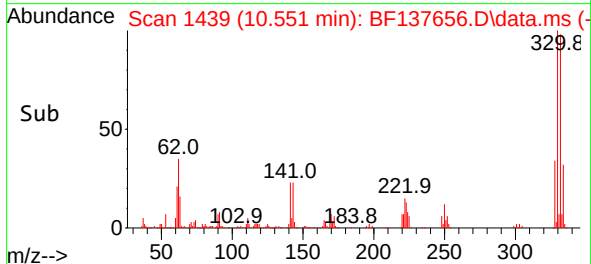
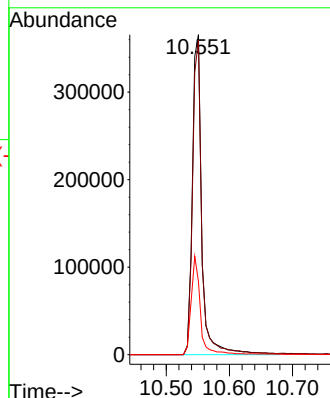
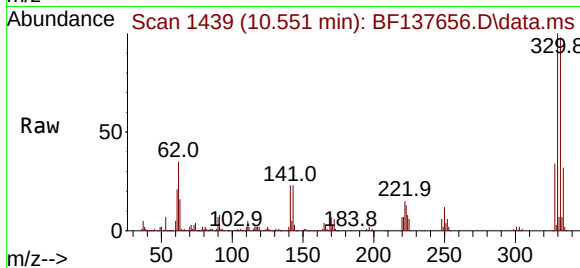
Tgt Ion:330 Resp: 378668

Ion Ratio Lower Upper

330 100

332 96.8 78.0 117.0

141 31.1 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 92.973 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF137656.D

Acq: 20 Mar 2024 15:42

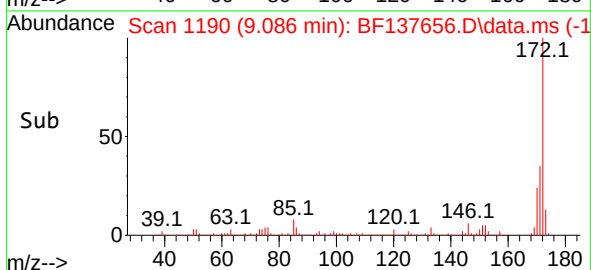
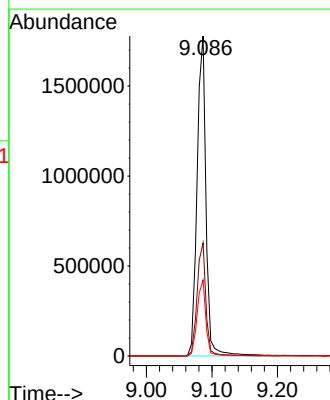
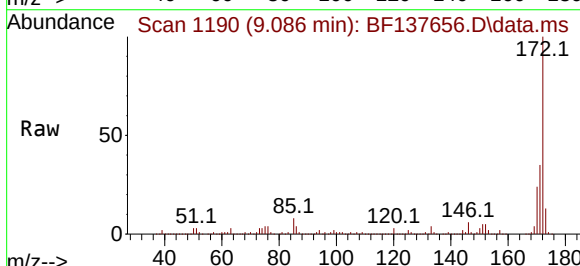
Tgt Ion:172 Resp: 1690180

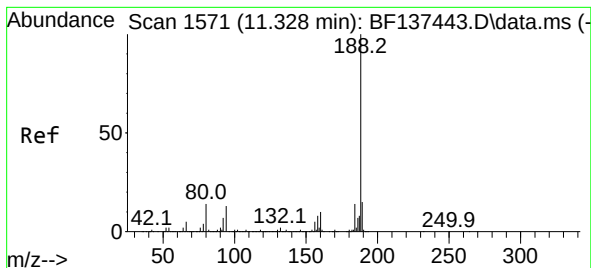
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.8 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: BF137656.D

Acq: 20 Mar 2024 15:42

Instrument :

BNA_F

ClientSampleId :

72-11977

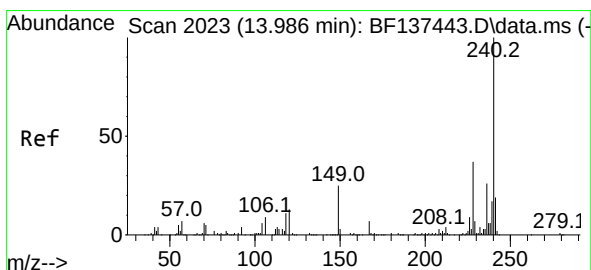
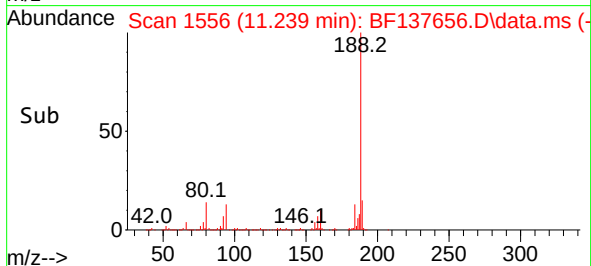
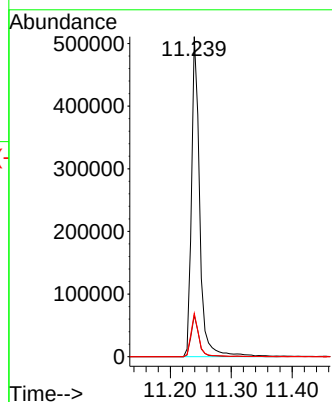
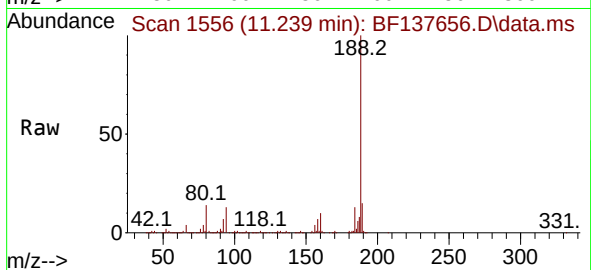
Tgt Ion:188 Resp: 480462

Ion Ratio Lower Upper

188 100

94 12.9 10.6 15.8

80 13.5 11.5 17.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BF137656.D

Acq: 20 Mar 2024 15:42

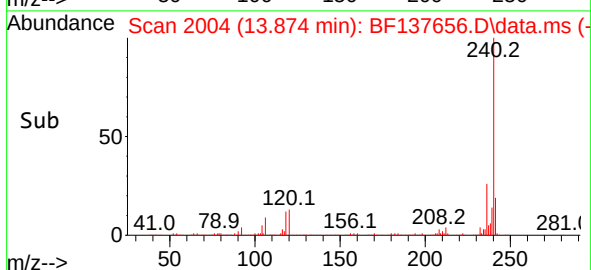
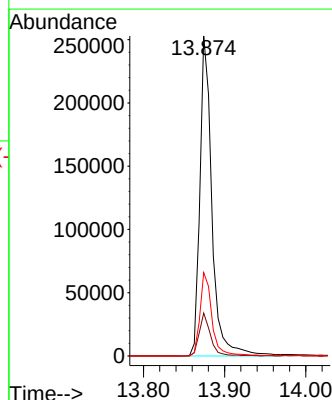
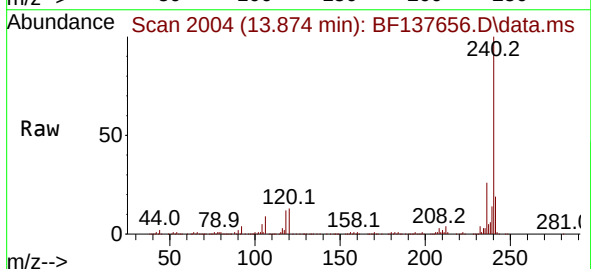
Tgt Ion:240 Resp: 261770

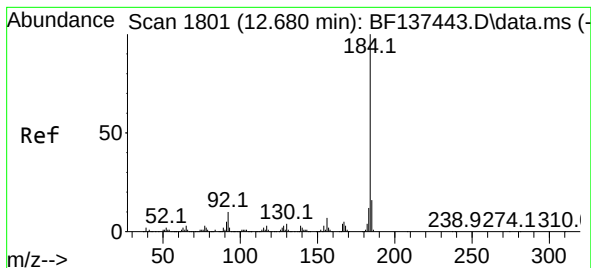
Ion Ratio Lower Upper

240 100

120 13.4 10.4 15.6

236 26.0 20.9 31.3





#77

Benzidine

Concen: 198.213 ng

RT: 12.586 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137656.D

Acq: 20 Mar 2024 15:42

Instrument :

BNA_F

ClientSampleId :

72-11977

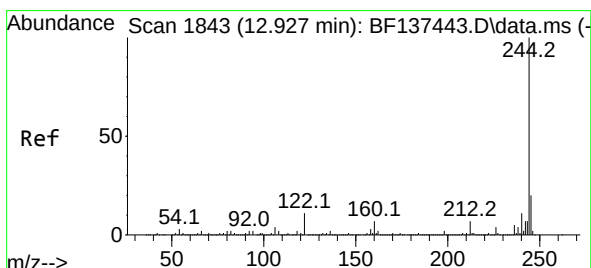
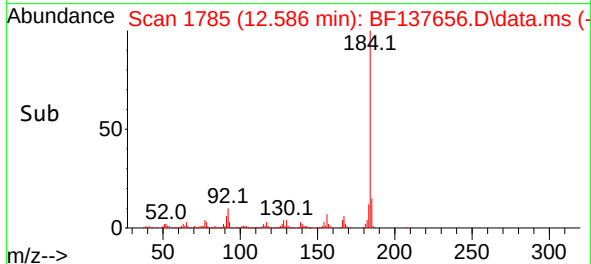
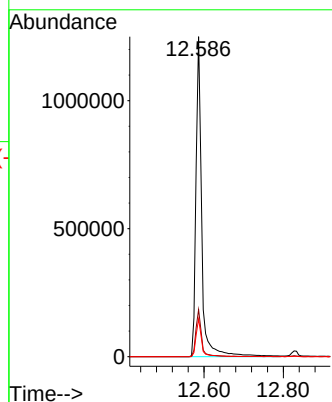
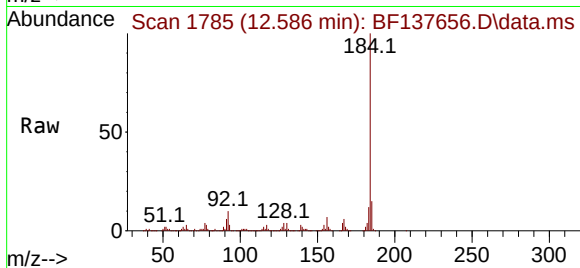
Tgt Ion:184 Resp: 1269772

Ion Ratio Lower Upper

184 100

185 14.7 13.2 19.8

183 11.8 9.3 13.9



#79

Terphenyl-d14

Concen: 96.071 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.000 min

Lab File: BF137656.D

Acq: 20 Mar 2024 15:42

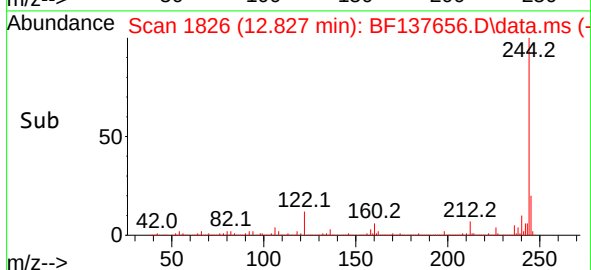
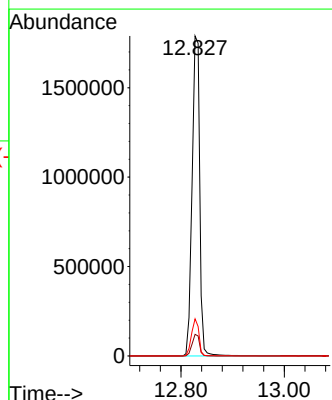
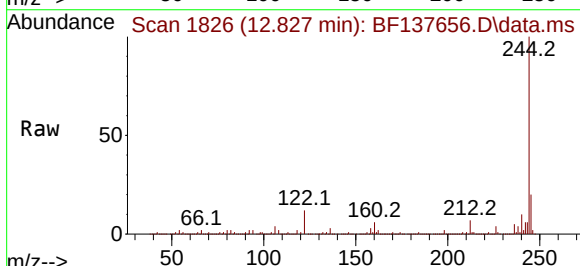
Tgt Ion:244 Resp: 1828847

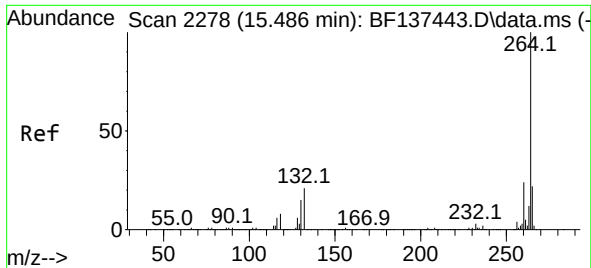
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

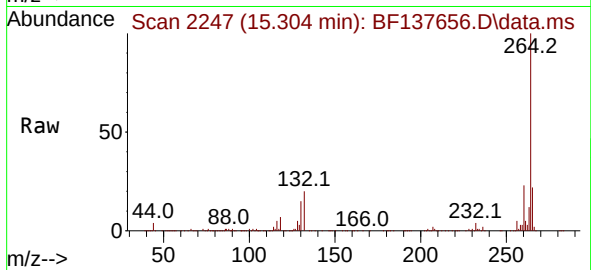
122 11.6 9.1 13.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137656.D
Acq: 20 Mar 2024 15:42

Instrument :
BNA_F
ClientSampleId :
72-11977



Tgt Ion:264 Resp: 259002
Ion Ratio Lower Upper
264 100
260 22.8 19.3 28.9
265 21.7 17.4 26.0

