

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
 Data File : BF137581.D
 Acq On : 13 Mar 2024 17:25
 Operator : CG\JU
 Sample : P1733-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Quant Time: Mar 13 17:52:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	219012	20.000	ng	0.05
21) Naphthalene-d8	8.216	136	906419	20.000	ng	0.04
39) Acenaphthene-d10	9.975	164	502510	20.000	ng	0.04
64) Phenanthrene-d10	11.469	188	799454	20.000	ng	0.04
76) Chrysene-d12	14.139	240	527533	20.000	ng	0.04
86) Perylene-d12	15.721	264	530792	20.000	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.639	112	1415527	97.888	ng	0.07
7) Phenol-d6	6.598	99	1970273	94.391	ng	0.04
23) Nitrobenzene-d5	7.510	82	1238163	63.470	ng	0.04
42) 2,4,6-Tribromophenol	10.769	330	427438	96.861	ng	0.04
45) 2-Fluorobiphenyl	9.298	172	1905227	59.349	ng	0.04
79) Terphenyl-d14	13.080	244	1833314	47.788	ng	0.04

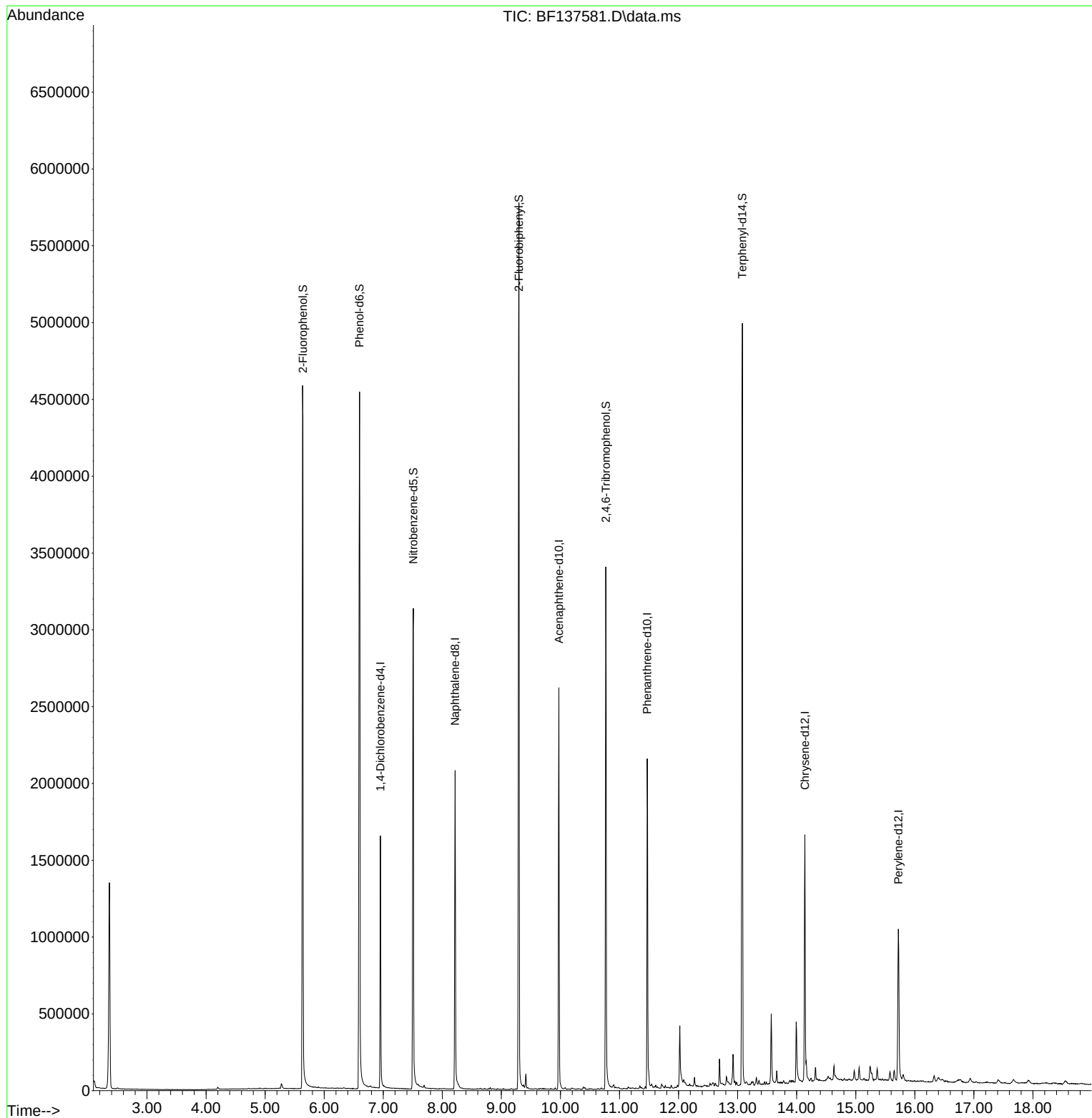
Target Compounds	Qvalue

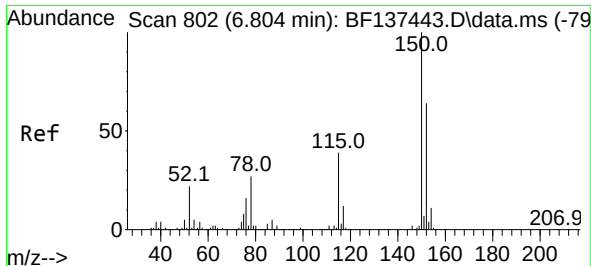
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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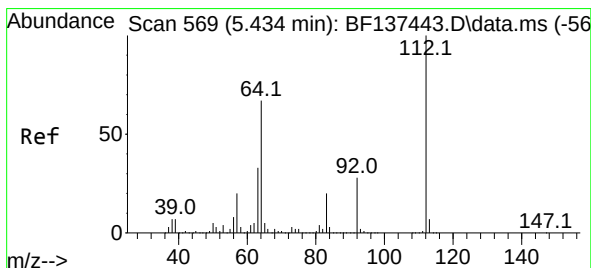
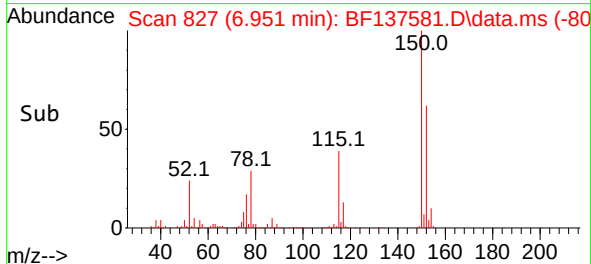
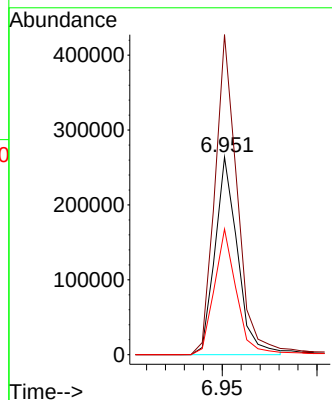
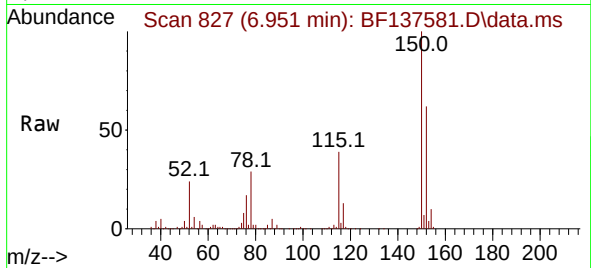




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.951 min Scan# 802
 Delta R.T. 0.047 min
 Lab File: BF137581.D
 Acq: 13 Mar 2024 17:25

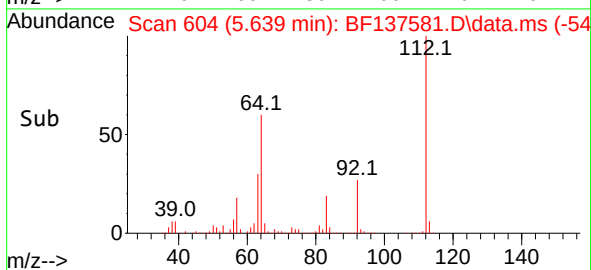
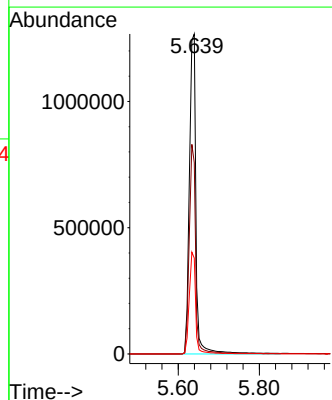
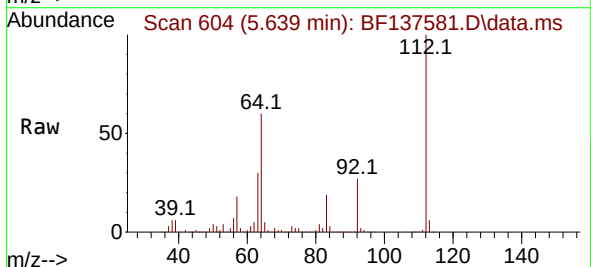
Instrument :
 BNA_F
 ClientSampleId :
 WC-3

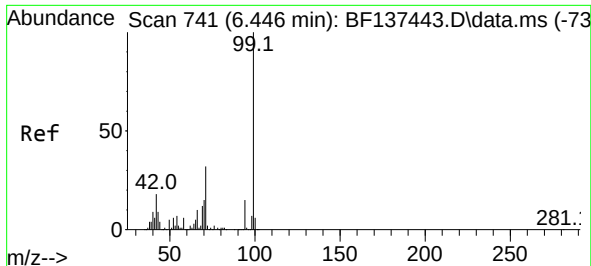
Tgt Ion:152 Resp: 219012
 Ion Ratio Lower Upper
 152 100
 150 161.9 125.8 188.6
 115 63.6 48.8 73.2



#5
 2-Fluorophenol
 Concen: 97.888 ng
 RT: 5.639 min Scan# 604
 Delta R.T. 0.070 min
 Lab File: BF137581.D
 Acq: 13 Mar 2024 17:25

Tgt Ion:112 Resp: 1415527
 Ion Ratio Lower Upper
 112 100
 64 59.8 53.4 80.2
 63 30.0 26.2 39.2





#7
Phenol-d6
Concen: 94.391 ng
RT: 6.598 min Scan# 70
Delta R.T. 0.041 min
Lab File: BF137581.D
Acq: 13 Mar 2024 17:25

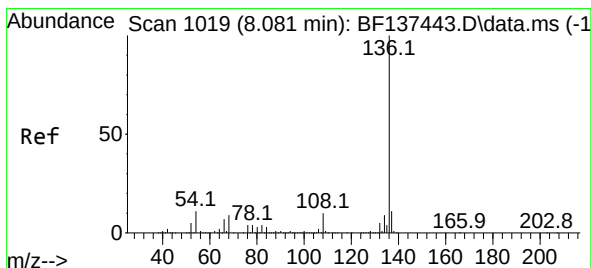
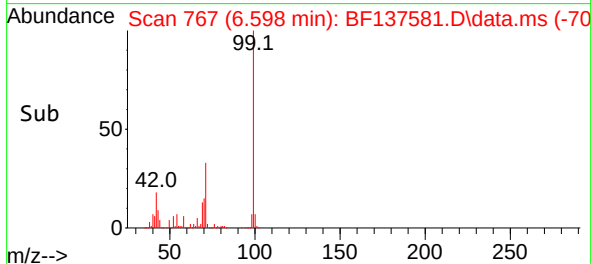
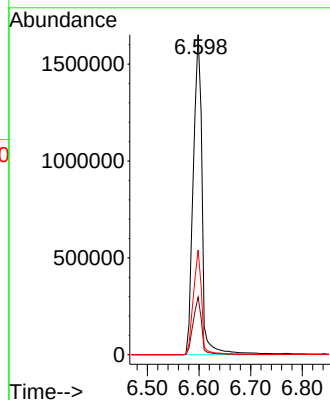
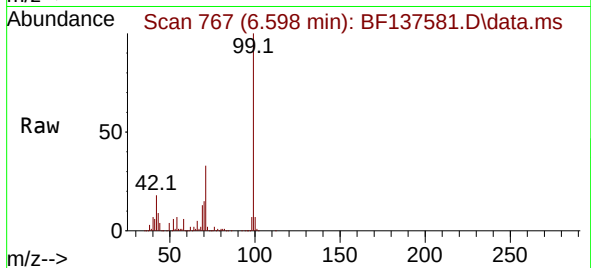
Instrument :

BNA_F

ClientSampleId :

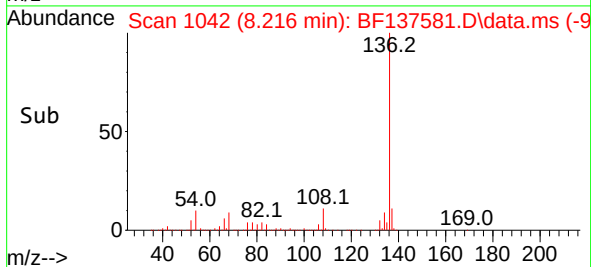
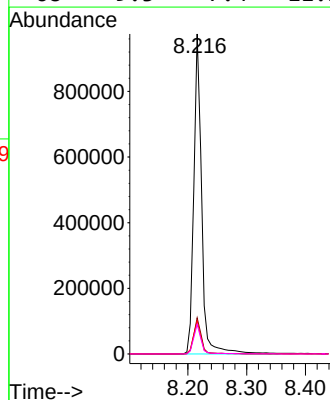
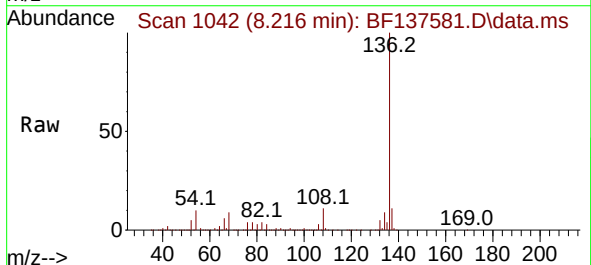
WC-3

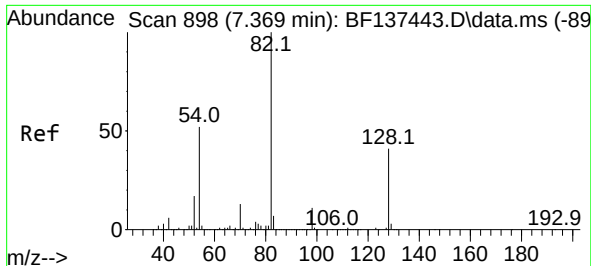
Tgt Ion: 99 Resp: 1970273
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 32.7 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.041 min
Lab File: BF137581.D
Acq: 13 Mar 2024 17:25

Tgt Ion: 136 Resp: 906419
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.3 8.5 12.7
68 9.3 7.4 11.2





#23

Nitrobenzene-d5

Concen: 63.470 ng

RT: 7.510 min Scan# 91

Delta R.T. 0.041 min

Lab File: BF137581.D

Acq: 13 Mar 2024 17:25

Instrument :

BNA_F

ClientSampleId :

WC-3

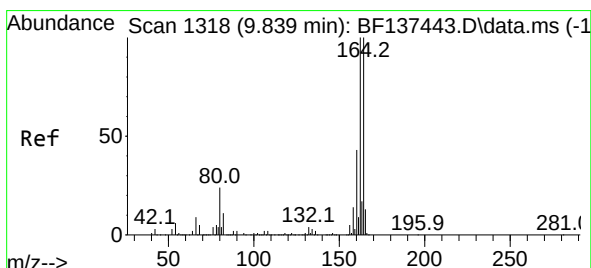
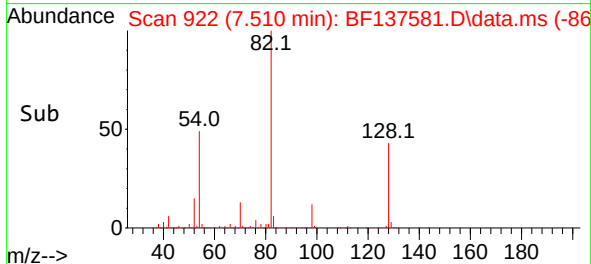
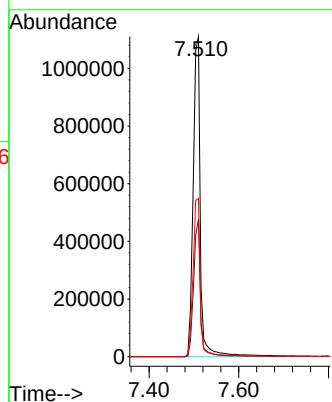
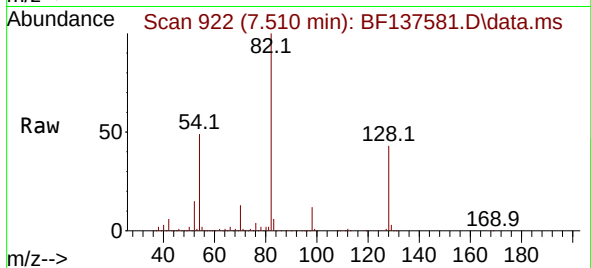
Tgt Ion: 82 Resp: 1238163

Ion Ratio Lower Upper

82 100

128 42.9 32.5 48.7

54 49.5 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.041 min

Lab File: BF137581.D

Acq: 13 Mar 2024 17:25

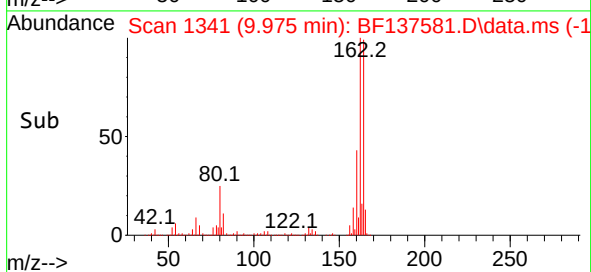
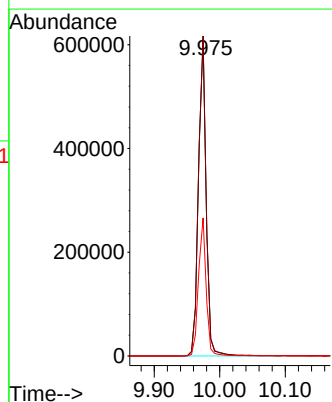
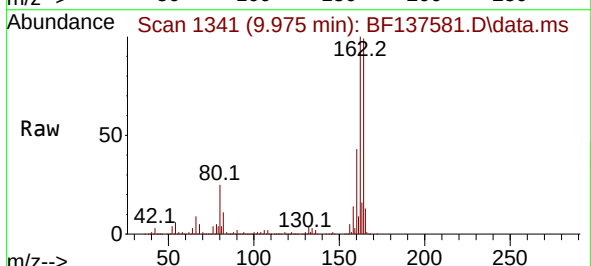
Tgt Ion:164 Resp: 502510

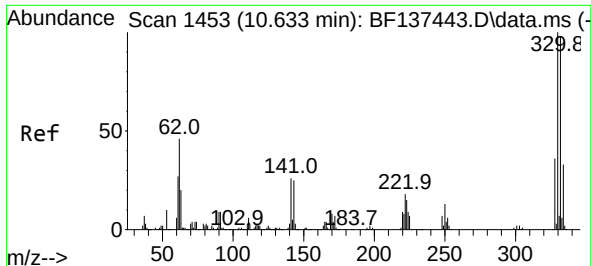
Ion Ratio Lower Upper

164 100

162 101.1 79.8 119.8

160 43.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 96.861 ng

RT: 10.769 min Scan# 1453

Delta R.T. 0.035 min

Lab File: BF137581.D

Acq: 13 Mar 2024 17:25

Instrument :

BNA_F

ClientSampleId :

WC-3

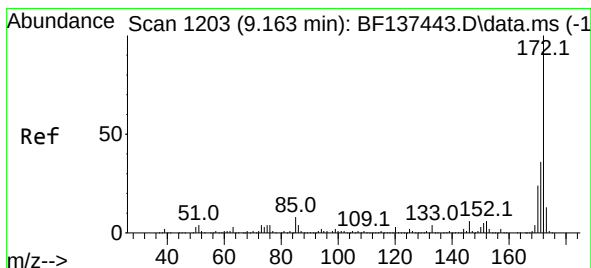
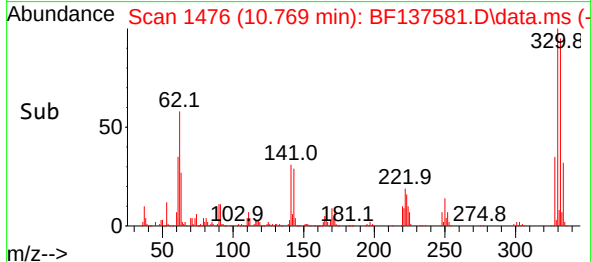
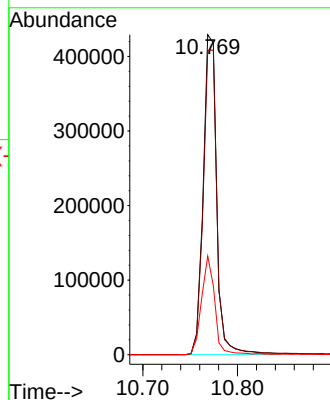
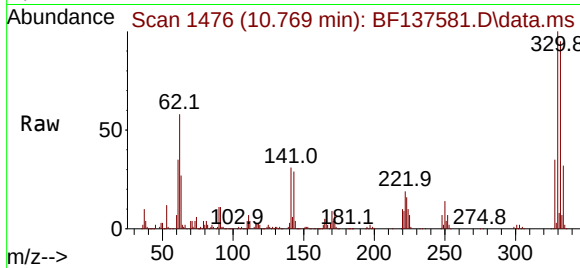
Tgt Ion:330 Resp: 427438

Ion Ratio Lower Upper

330 100

332 97.8 78.0 117.0

141 30.4 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 59.349 ng

RT: 9.298 min Scan# 1226

Delta R.T. 0.041 min

Lab File: BF137581.D

Acq: 13 Mar 2024 17:25

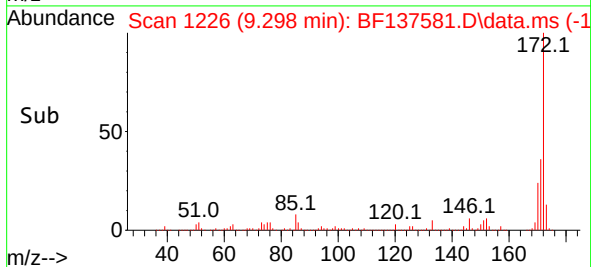
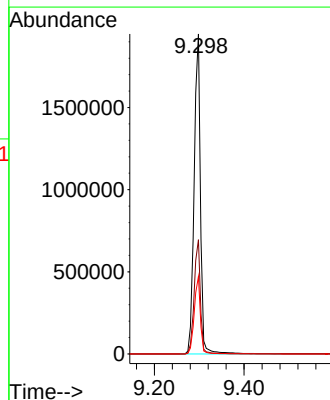
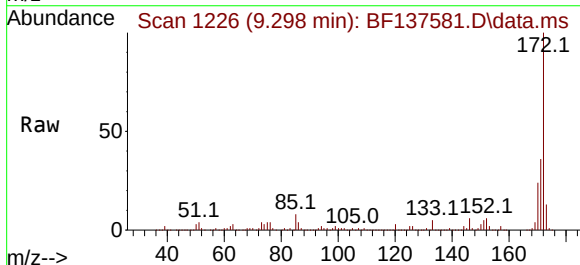
Tgt Ion:172 Resp: 1905227

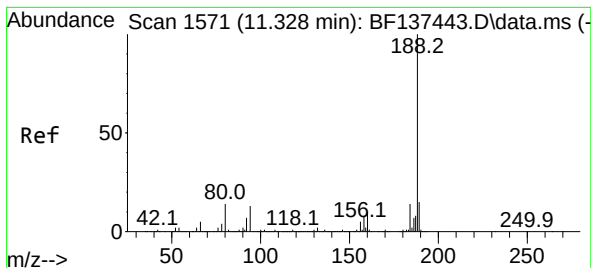
Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 24.2 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.469 min Scan# 1

Delta R.T. 0.035 min

Lab File: BF137581.D

Acq: 13 Mar 2024 17:25

Instrument :

BNA_F

ClientSampleId :

WC-3

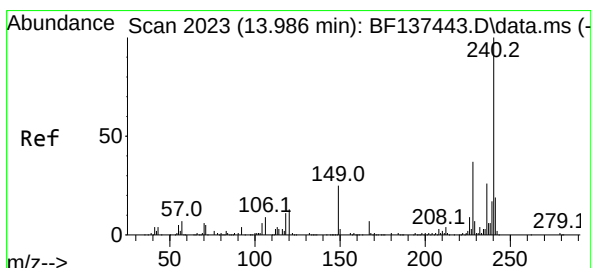
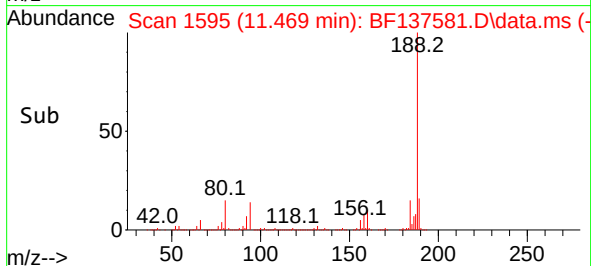
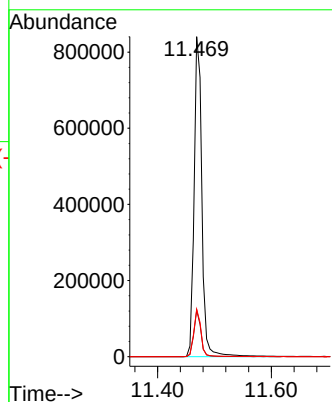
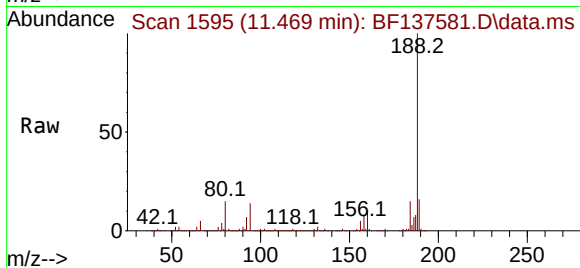
Tgt Ion:188 Resp: 799454

Ion Ratio Lower Upper

188 100

94 14.5 10.6 15.8

80 14.9 11.5 17.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 2049

Delta R.T. 0.041 min

Lab File: BF137581.D

Acq: 13 Mar 2024 17:25

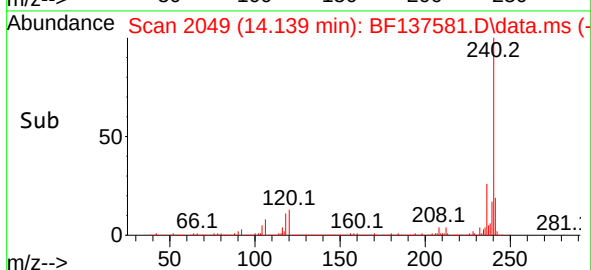
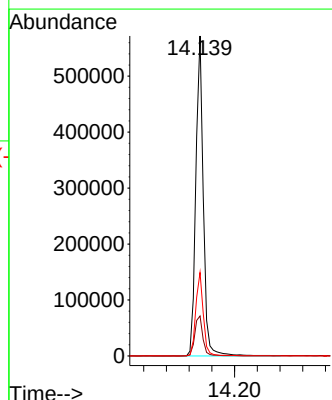
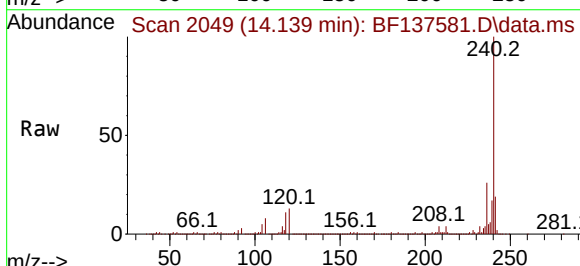
Tgt Ion:240 Resp: 527533

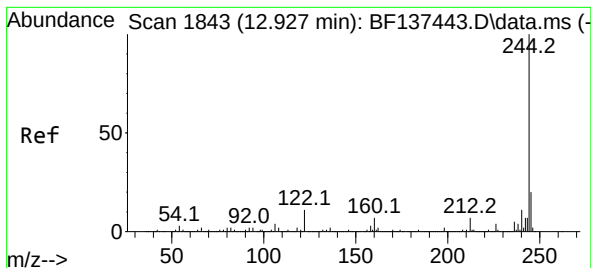
Ion Ratio Lower Upper

240 100

120 12.5 10.4 15.6

236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 47.788 ng

RT: 13.080 min Scan# 11

Delta R.T. 0.041 min

Lab File: BF137581.D

Acq: 13 Mar 2024 17:25

Instrument :

BNA_F

ClientSampleId :

WC-3

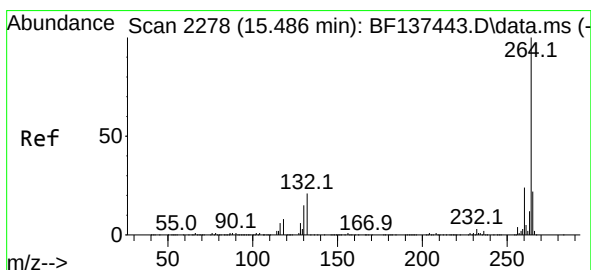
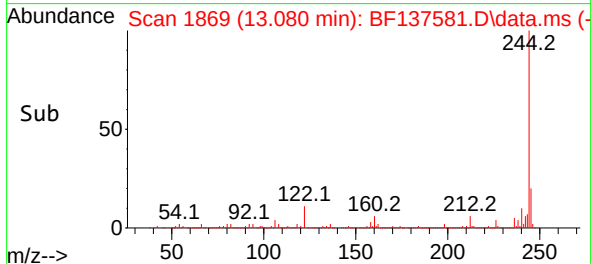
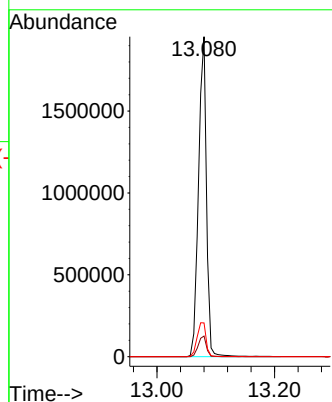
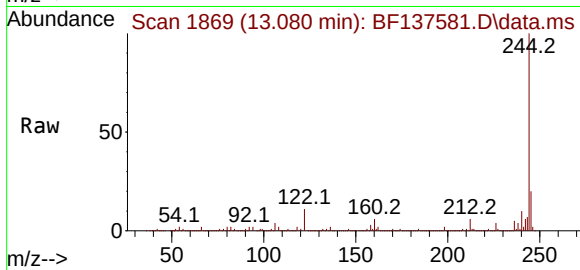
Tgt Ion:244 Resp: 1833314

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

122 10.5 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.721 min Scan# 2318

Delta R.T. 0.070 min

Lab File: BF137581.D

Acq: 13 Mar 2024 17:25

Tgt Ion:264 Resp: 530792

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 21.8 17.4 26.0

