

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
 Data File : BF137460.D
 Acq On : 01 Mar 2024 15:45
 Operator : CG\JU
 Sample : P1602-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Mar 01 16:10:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 12:53:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	172719	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	655675	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	332711	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	485513	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	387902	20.000	ng	-0.02
86) Perylene-d12	15.586	264	317332	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1479921	129.771	ng	0.00
7) Phenol-d6	6.516	99	1822918	110.739	ng	-0.01
23) Nitrobenzene-d5	7.428	82	1278251	90.583	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	355276	121.596	ng	-0.02
45) 2-Fluorobiphenyl	9.222	172	2013485	94.732	ng	-0.01
79) Terphenyl-d14	12.998	244	1886315	66.870	ng	-0.01

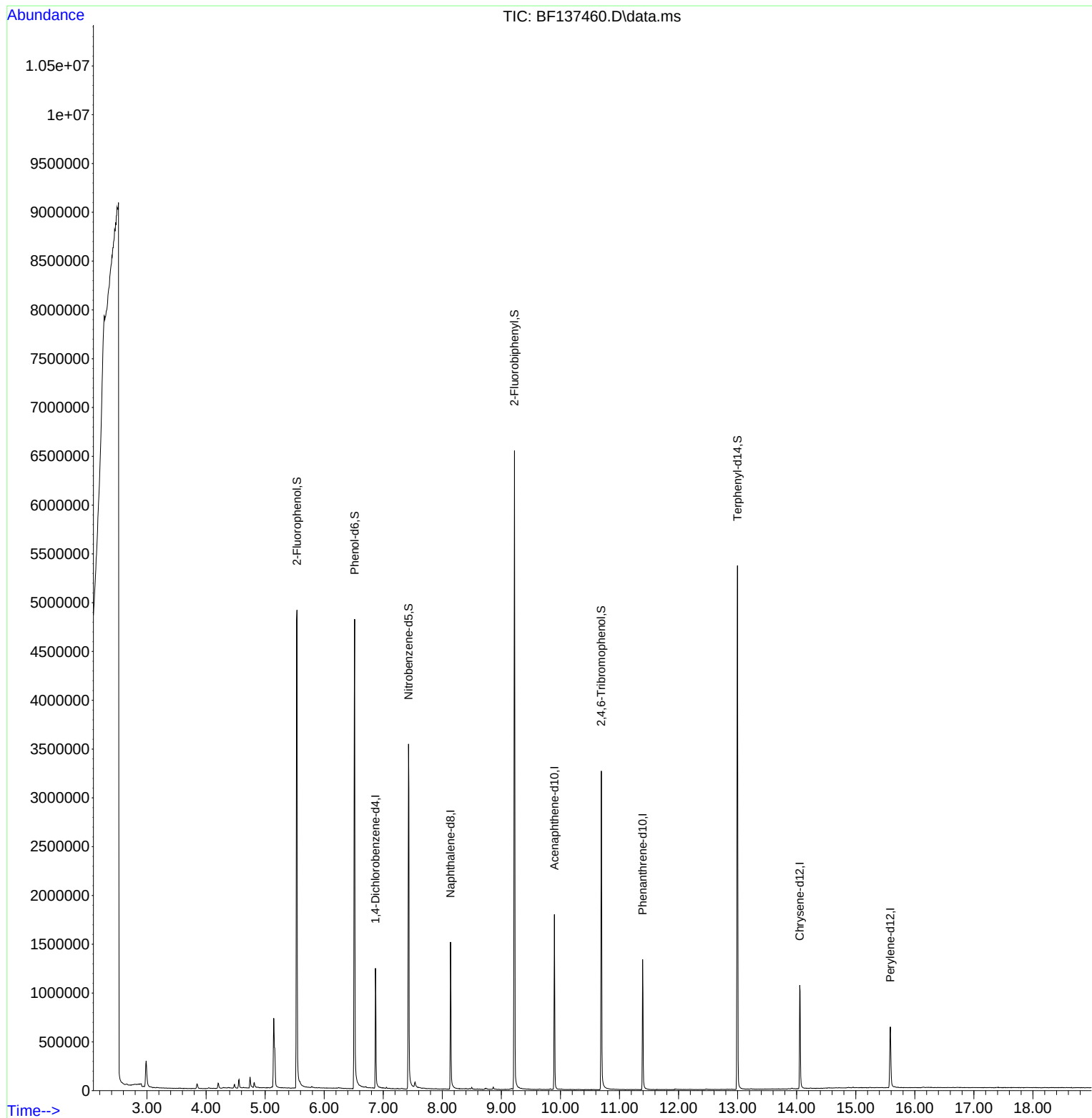
Target Compounds	Qvalue

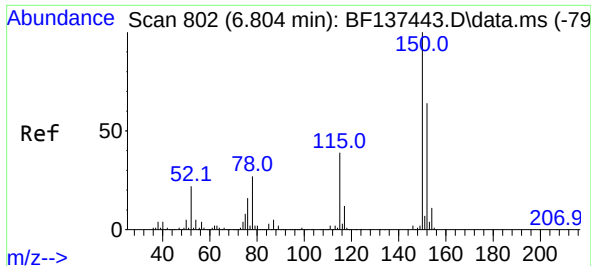
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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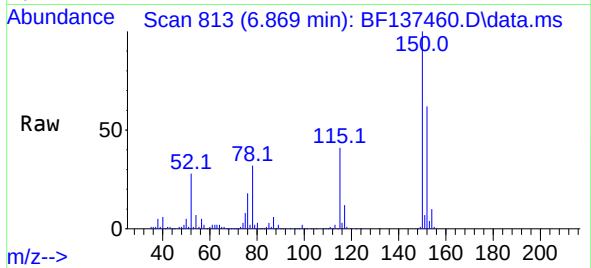
Quant Time: Mar 01 16:10:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
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QLast Update : Fri Mar 01 12:53:33 2024
Response via : Initial Calibration



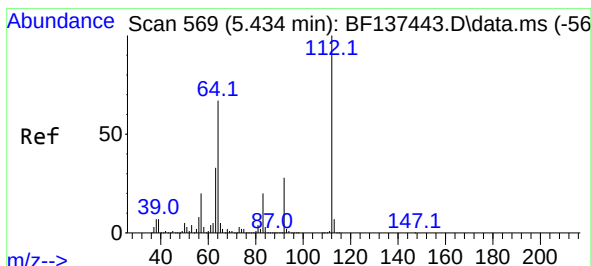
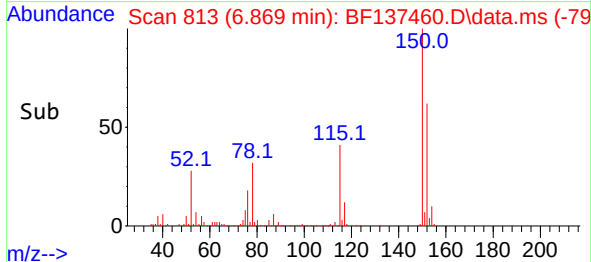
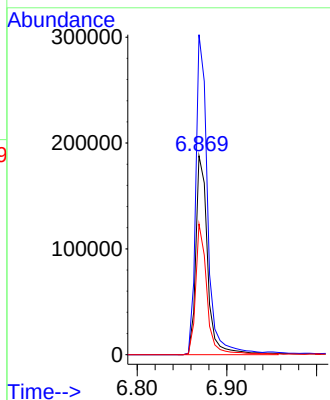


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF137460.D
Acq: 01 Mar 2024 15:45

Instrument :
BNA_F
ClientSampleId :
WC-1

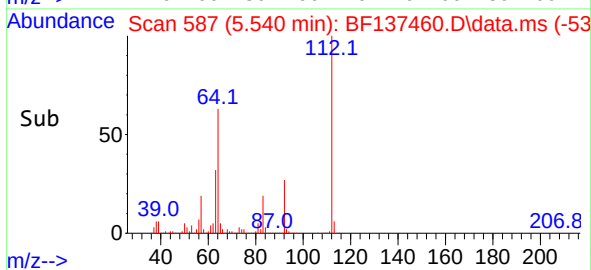
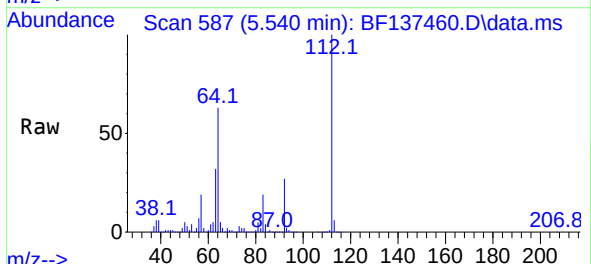
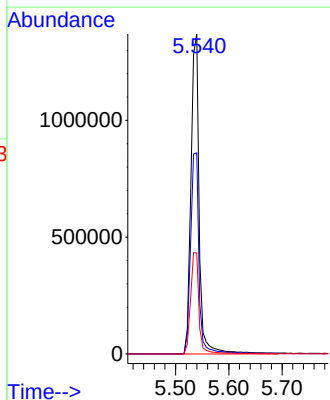


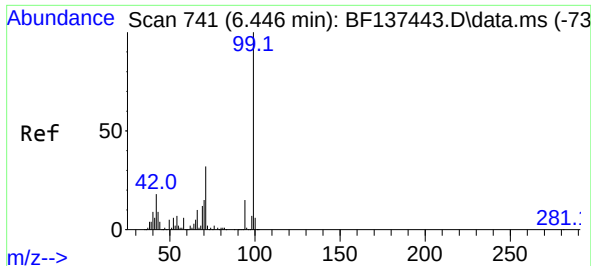
Tgt Ion:152 Resp: 172719
Ion Ratio Lower Upper
152 100
150 160.9 125.8 188.6
115 65.7 48.8 73.2



#5
2-Fluorophenol
Concen: 129.771 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.006 min
Lab File: BF137460.D
Acq: 01 Mar 2024 15:45

Tgt Ion:112 Resp: 1479921
Ion Ratio Lower Upper
112 100
64 62.8 53.4 80.2
63 31.5 26.2 39.2



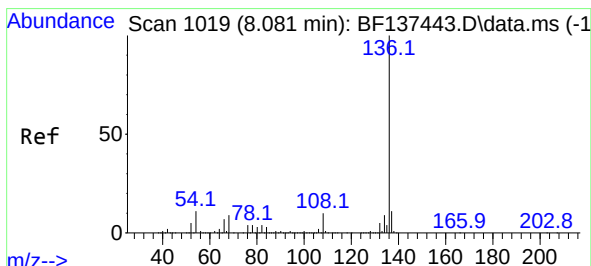
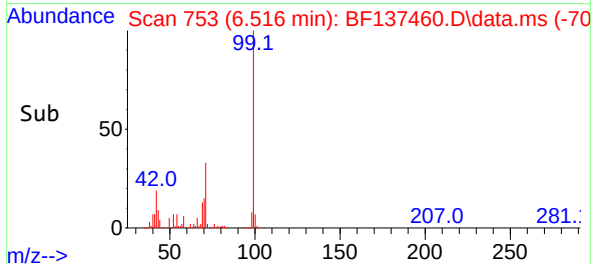
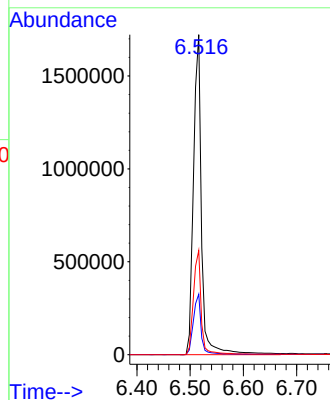
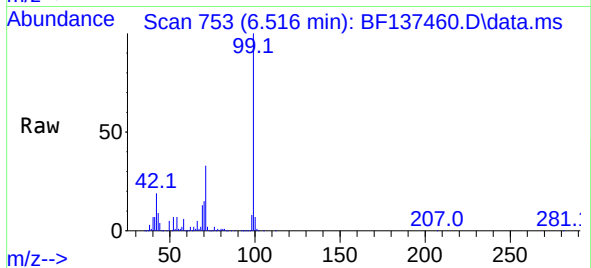


#7
Phenol-d6
Concen: 110.739 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137460.D
Acq: 01 Mar 2024 15:45

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 99 Resp: 1822918

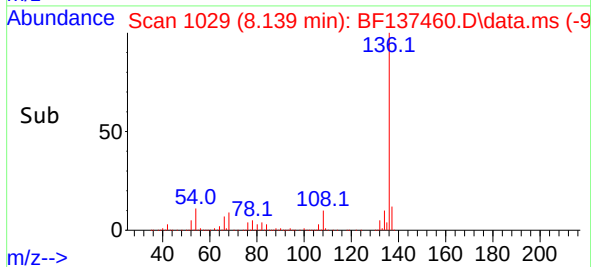
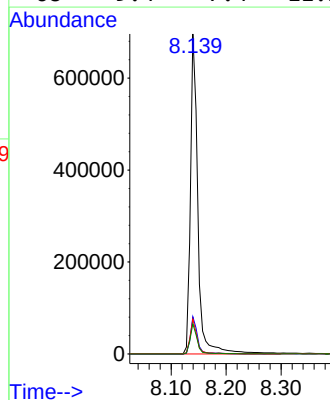
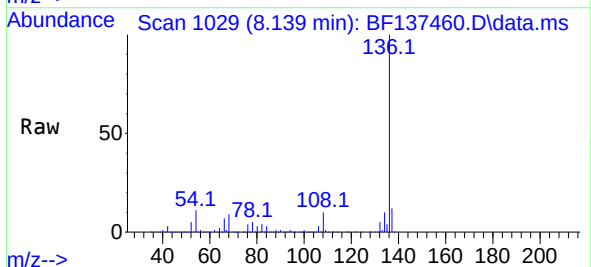
Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.6	21.8
71	32.5	25.3	37.9

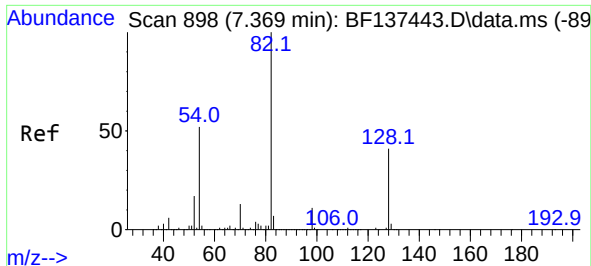


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF137460.D
Acq: 01 Mar 2024 15:45

Tgt Ion: 136 Resp: 655675

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	10.9	8.5	12.7
68	9.4	7.4	11.2





#23

Nitrobenzene-d5

Concen: 90.583 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.018 min

Lab File: BF137460.D

Acq: 01 Mar 2024 15:45

Instrument :

BNA_F

ClientSampleId :

WC-1

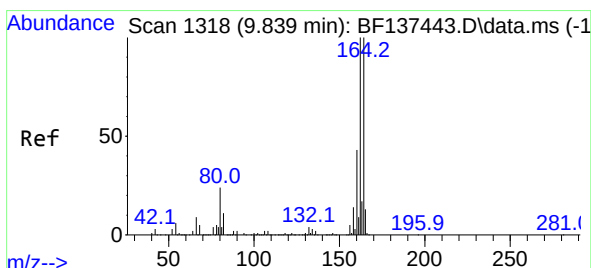
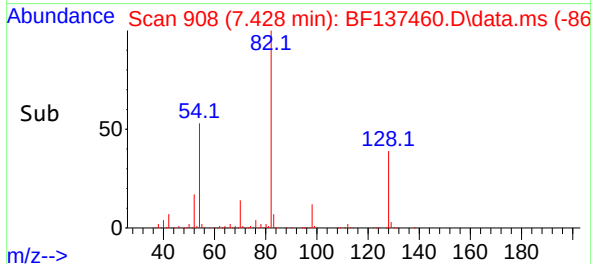
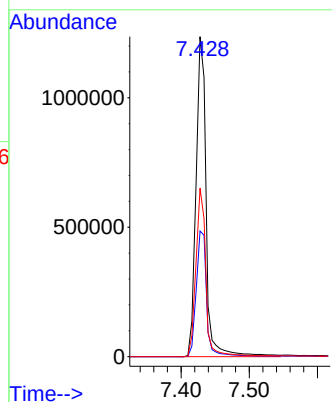
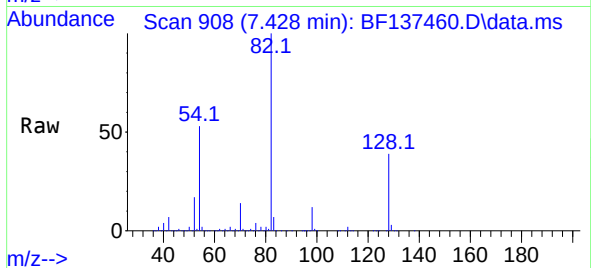
Tgt Ion: 82 Resp: 1278251

Ion Ratio Lower Upper

82 100

128 39.3 32.5 48.7

54 52.6 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.018 min

Lab File: BF137460.D

Acq: 01 Mar 2024 15:45

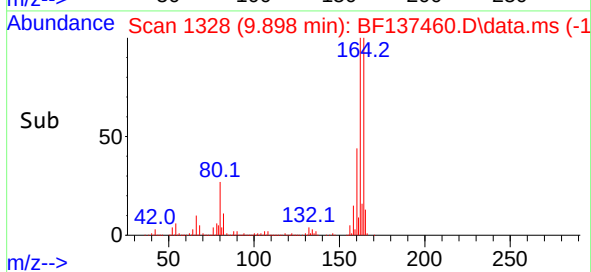
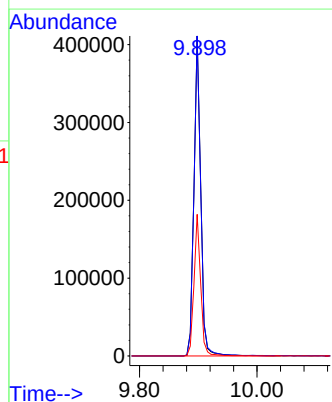
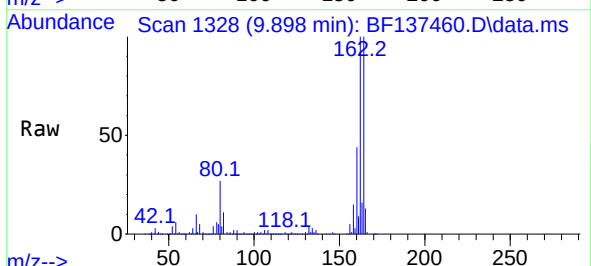
Tgt Ion:164 Resp: 332711

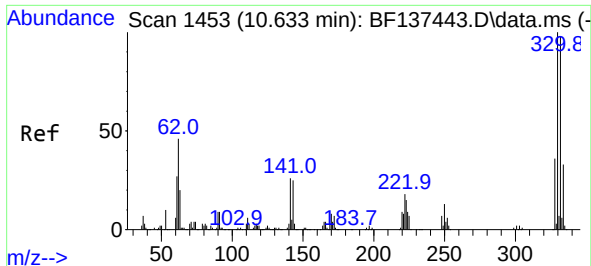
Ion Ratio Lower Upper

164 100

162 100.0 79.8 119.8

160 44.2 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 121.596 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.018 min

Lab File: BF137460.D

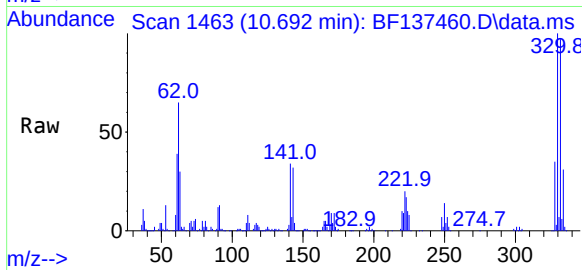
Acq: 01 Mar 2024 15:45

Instrument :

BNA_F

ClientSampleId :

WC-1



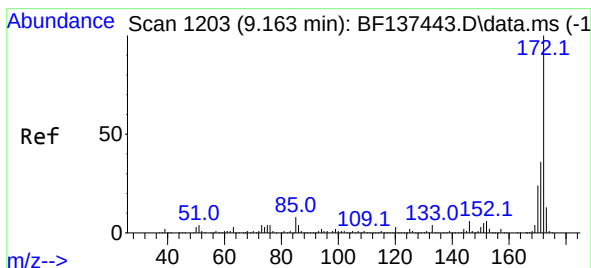
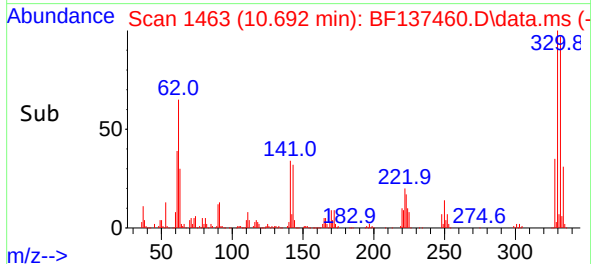
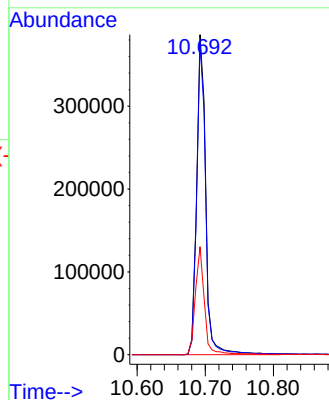
Tgt Ion:330 Resp: 355276

Ion Ratio Lower Upper

330 100

332 96.7 78.0 117.0

141 33.8 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 94.732 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF137460.D

Acq: 01 Mar 2024 15:45

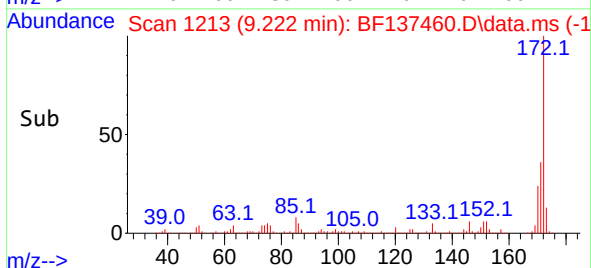
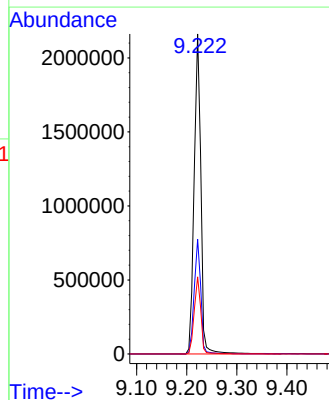
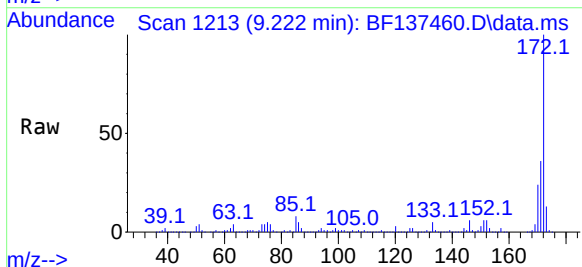
Tgt Ion:172 Resp: 2013485

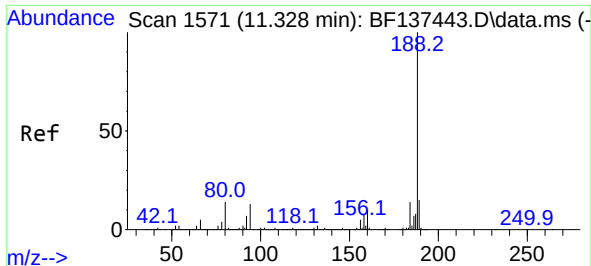
Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 24.1 19.0 28.6

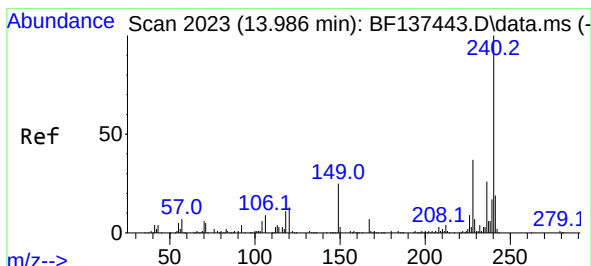
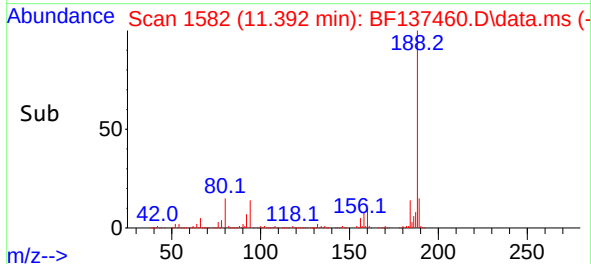
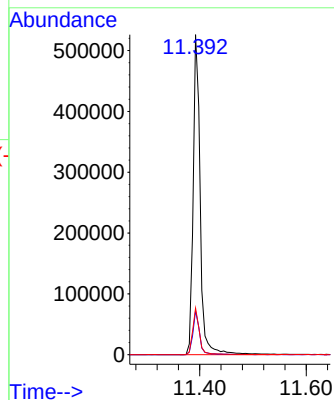
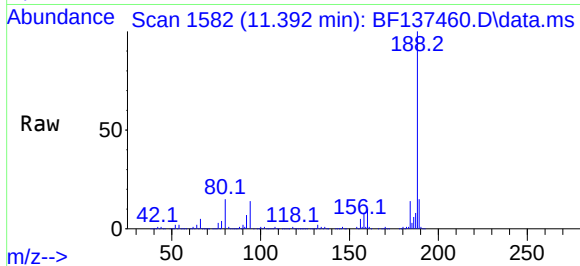




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137460.D
Acq: 01 Mar 2024 15:45

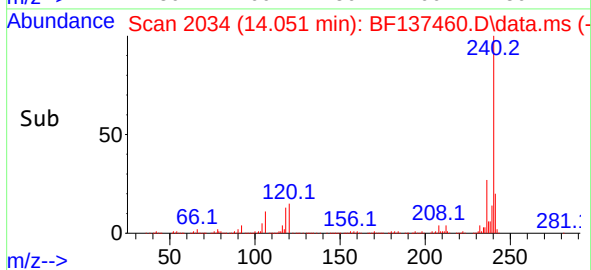
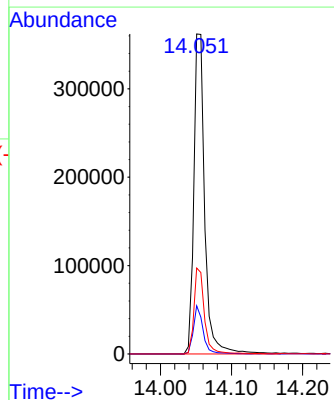
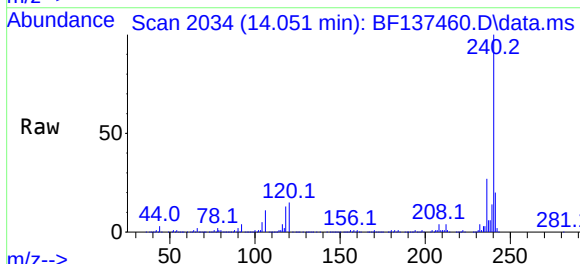
Instrument :
BNA_F
ClientSampleId :
WC-1

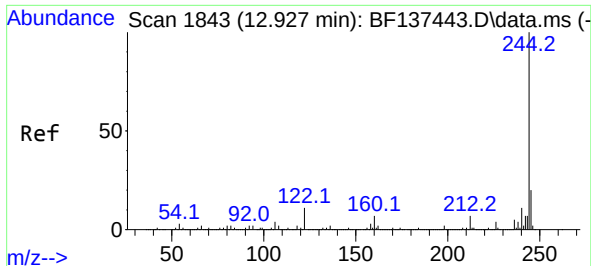
Tgt Ion:188 Resp: 485513
Ion Ratio Lower Upper
188 100
94 13.8 10.6 15.8
80 14.6 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.018 min
Lab File: BF137460.D
Acq: 01 Mar 2024 15:45

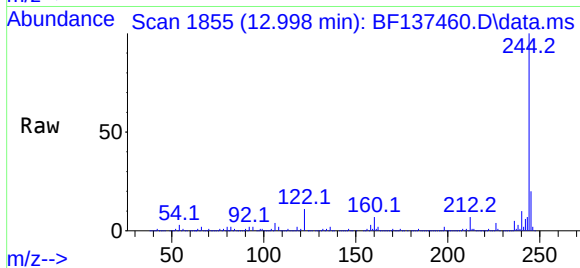
Tgt Ion:240 Resp: 387902
Ion Ratio Lower Upper
240 100
120 15.1 10.4 15.6
236 26.9 20.9 31.3



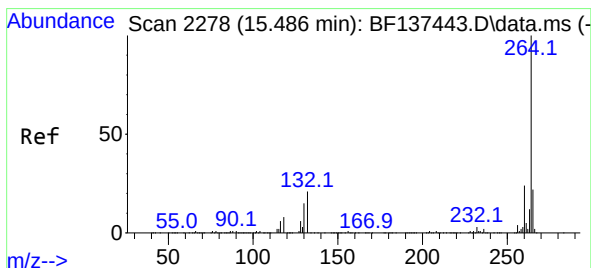
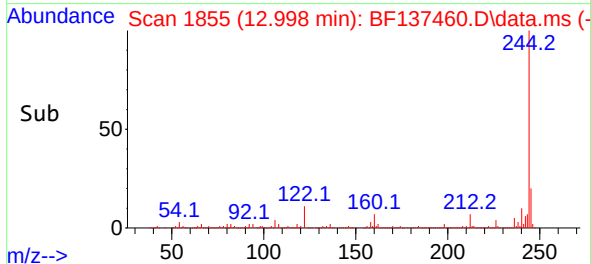
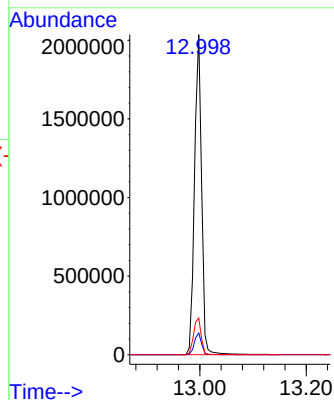


#79
Terphenyl-d14
Concen: 66.870 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137460.D
Acq: 01 Mar 2024 15:45

Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:244 Resp: 1886315
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 11.5 9.1 13.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.012 min
Lab File: BF137460.D
Acq: 01 Mar 2024 15:45

Tgt Ion:264 Resp: 317332
Ion Ratio Lower Upper
264 100
260 24.8 19.3 28.9
265 21.6 17.4 26.0

