

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
 Data File : BF137560.D
 Acq On : 11 Mar 2024 17:16
 Operator : CG\JU
 Sample : P1720-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT4196

Quant Time: Mar 12 02:05:11 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	6.904	152	209258	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	792233	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	311871	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	337929	20.000	ng	0.02
76) Chrysene-d12	14.104	240	409766	20.000	ng	0.00
86) Perylene-d12	15.651	264	501773	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	917943	66.438	ng	0.00
7) Phenol-d6	6.546	99	1246673	62.509	ng	-0.01
23) Nitrobenzene-d5	7.457	82	653710	38.340	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	150391	54.912	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	580521	29.138	ng	0.00
79) Terphenyl-d14	13.057	244	377726	12.676	ng	0.02

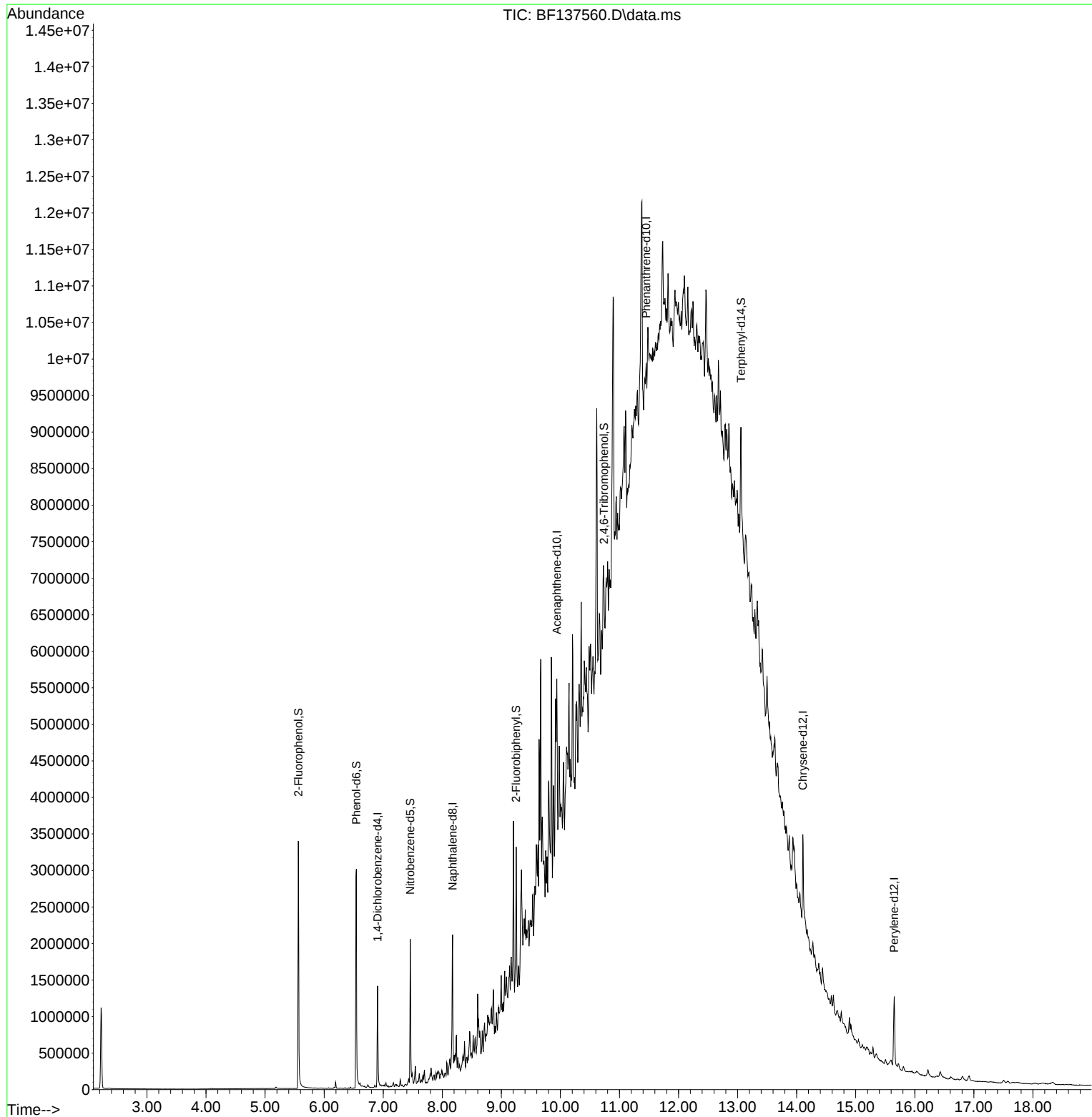
Target Compounds	Qvalue

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

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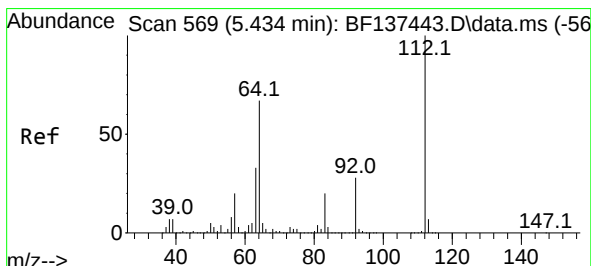
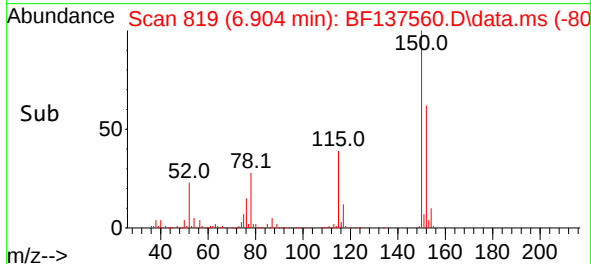
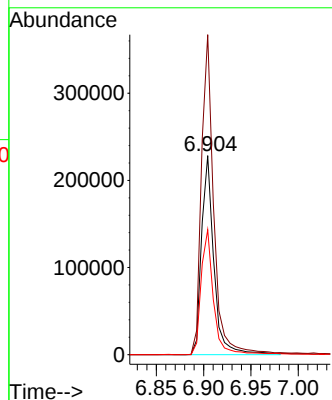
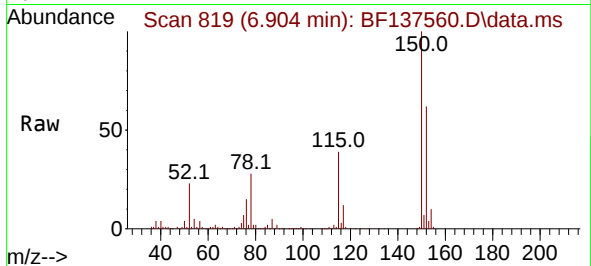




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137560.D
Acq: 11 Mar 2024 17:16

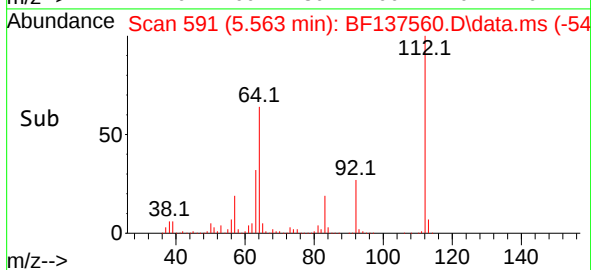
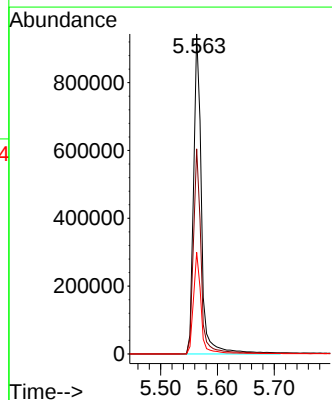
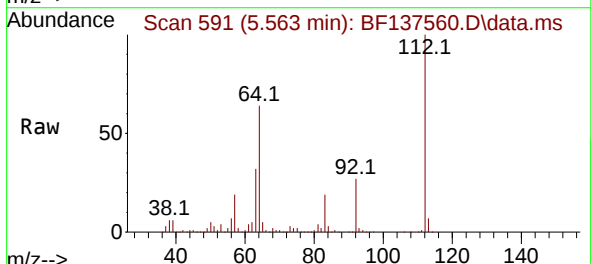
Instrument :
BNA_F
ClientSampleId :
RT4196

Tgt Ion:152 Resp: 209258
Ion Ratio Lower Upper
152 100
150 160.8 125.8 188.6
115 62.8 48.8 73.2



#5
2-Fluorophenol
Concen: 66.438 ng
RT: 5.563 min Scan# 591
Delta R.T. -0.006 min
Lab File: BF137560.D
Acq: 11 Mar 2024 17:16

Tgt Ion:112 Resp: 917943
Ion Ratio Lower Upper
112 100
64 64.1 53.4 80.2
63 31.7 26.2 39.2



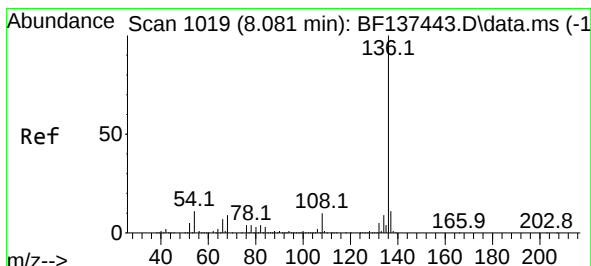
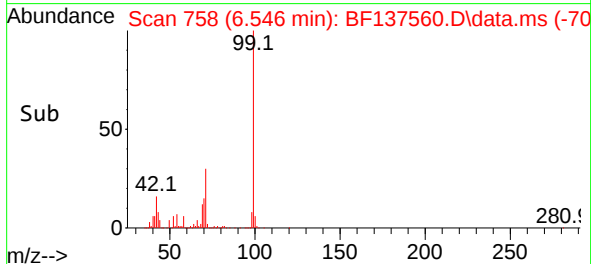
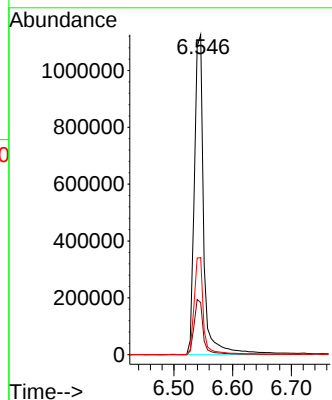
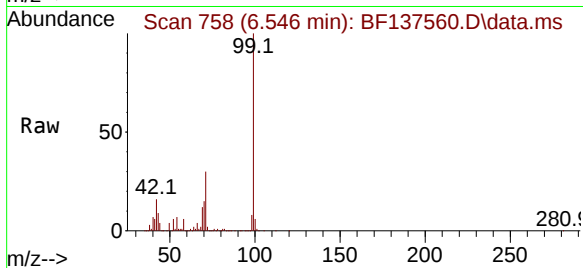


#7
Phenol-d6
Concen: 62.509 ng
RT: 6.546 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137560.D
Acq: 11 Mar 2024 17:16

Instrument :
BNA_F
ClientSampleId :
RT4196

Tgt Ion: 99 Resp: 1246673

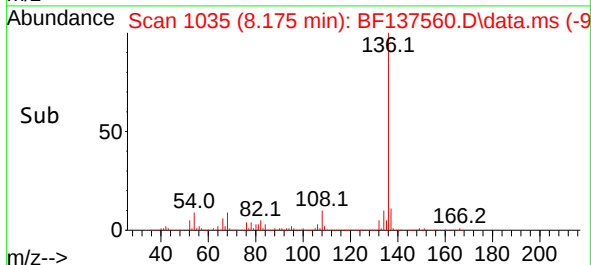
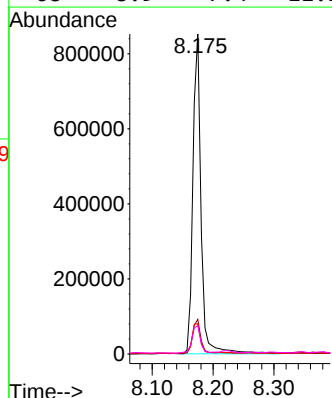
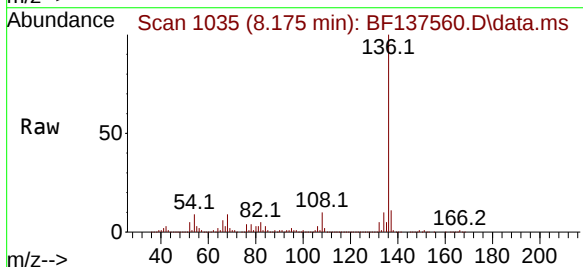
Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.6	21.8
71	30.4	25.3	37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF137560.D
Acq: 11 Mar 2024 17:16

Tgt Ion: 136 Resp: 792233

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	9.4	8.5	12.7
68	8.9	7.4	11.2

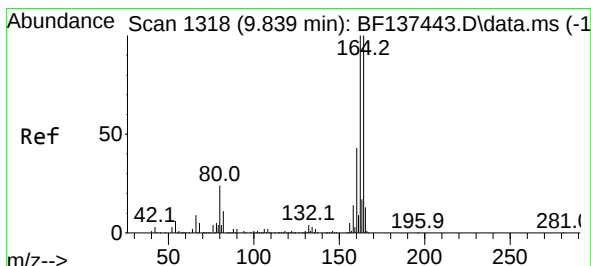
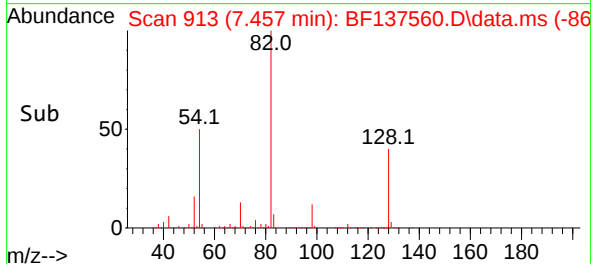
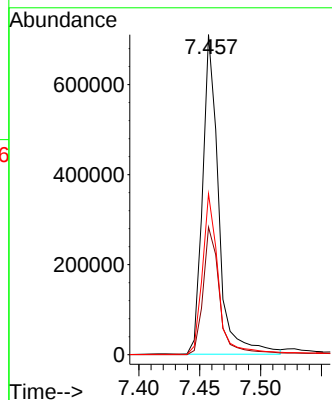
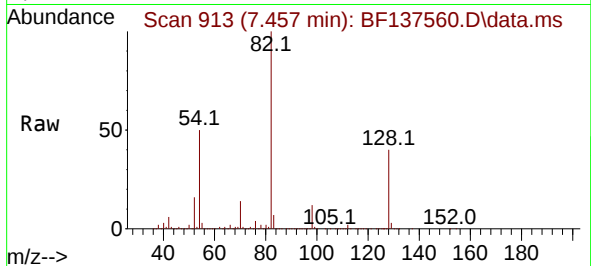




#23
Nitrobenzene-d5
Concen: 38.340 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137560.D
Acq: 11 Mar 2024 17:16

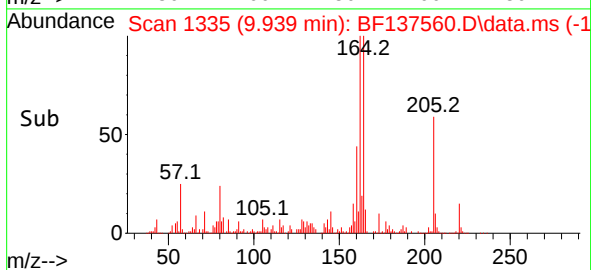
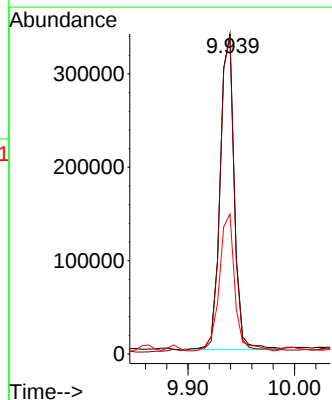
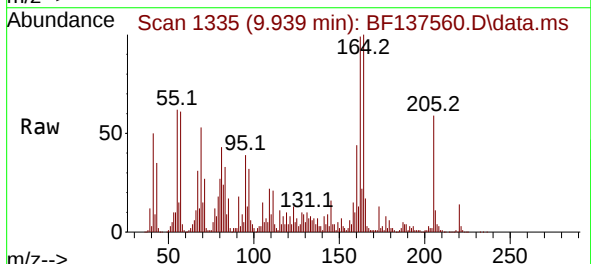
Instrument :
BNA_F
ClientSampleId :
RT4196

Tgt Ion: 82 Resp: 653710
Ion Ratio Lower Upper
82 100
128 39.9 32.5 48.7
54 50.3 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF137560.D
Acq: 11 Mar 2024 17:16

Tgt Ion:164 Resp: 311871
Ion Ratio Lower Upper
164 100
162 98.9 79.8 119.8
160 43.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 54.912 ng

RT: 10.739 min Scan# 1453

Delta R.T. 0.006 min

Lab File: BF137560.D

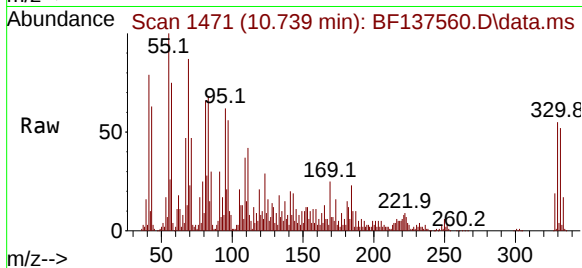
Acq: 11 Mar 2024 17:16

Instrument :

BNA_F

ClientSampleId :

RT4196



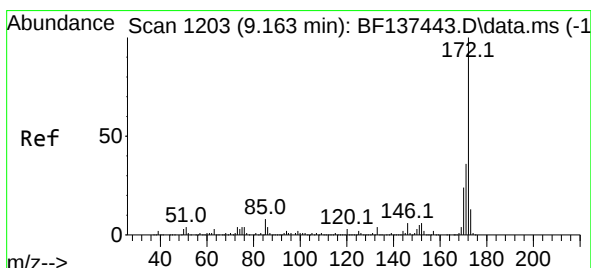
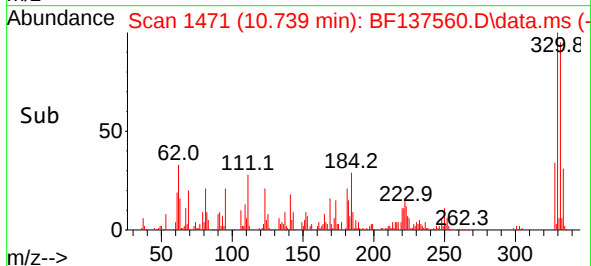
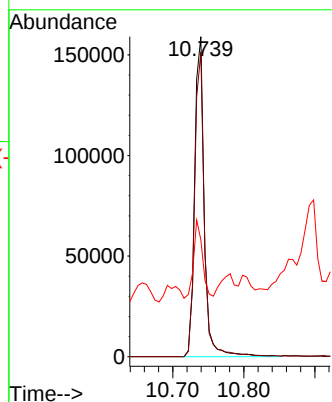
Tgt Ion:330 Resp: 150391

Ion Ratio Lower Upper

330 100

332 95.3 78.0 117.0

141 22.1 27.3 40.9#



#45

2-Fluorobiphenyl

Concen: 29.138 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF137560.D

Acq: 11 Mar 2024 17:16

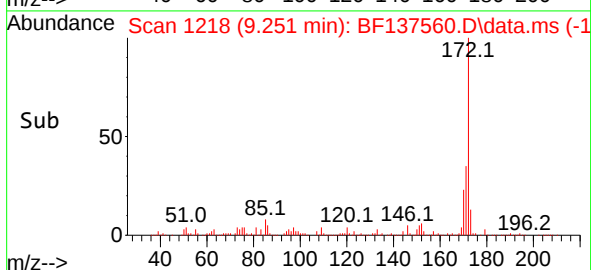
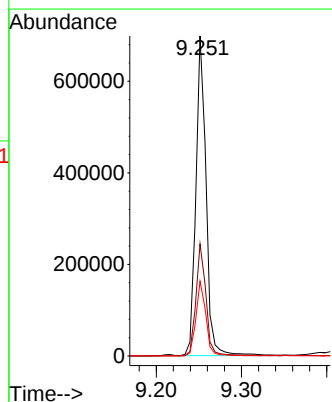
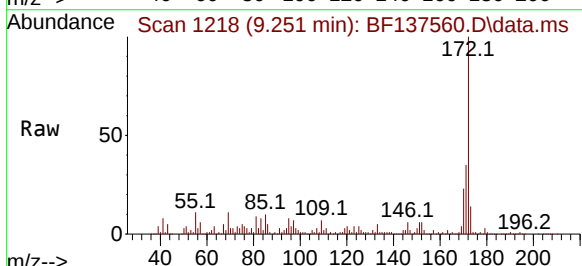
Tgt Ion:172 Resp: 580521

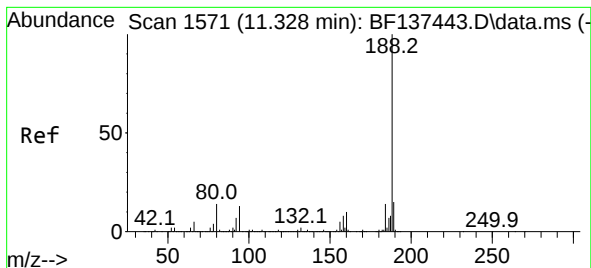
Ion Ratio Lower Upper

172 100

171 35.0 28.5 42.7

170 23.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 11

Delta R.T. 0.018 min

Lab File: BF137560.D

Acq: 11 Mar 2024 17:16

Instrument :

BNA_F

ClientSampleId :

RT4196

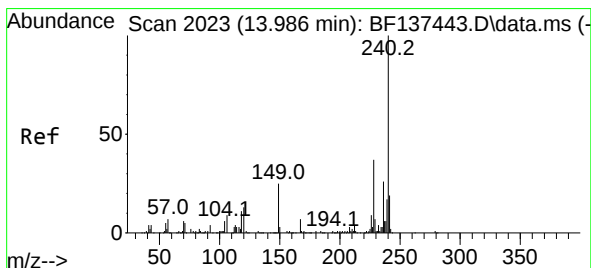
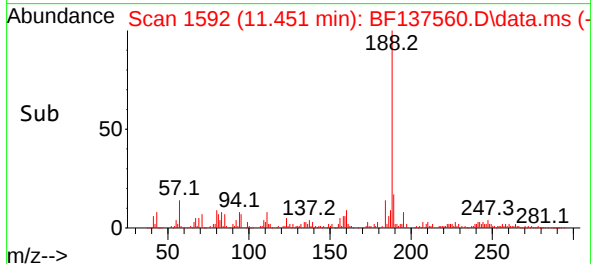
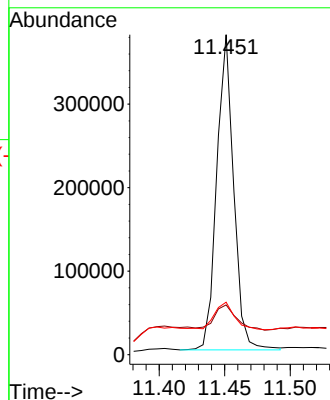
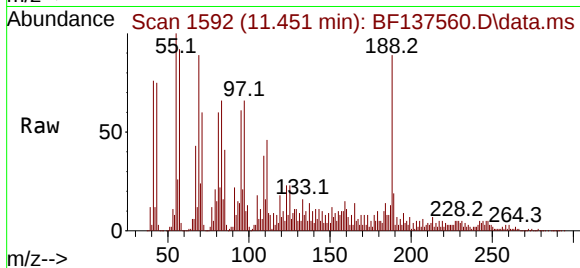
Tgt Ion:188 Resp: 337929

Ion Ratio Lower Upper

188 100

94 15.6 10.6 15.8

80 16.4 11.5 17.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 2043

Delta R.T. 0.006 min

Lab File: BF137560.D

Acq: 11 Mar 2024 17:16

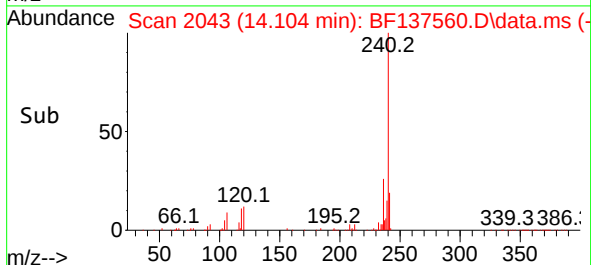
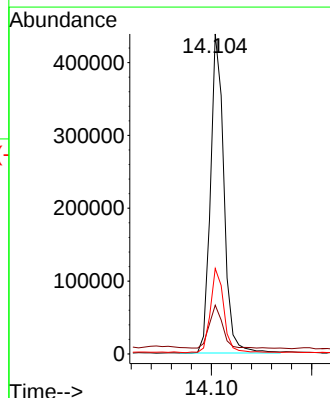
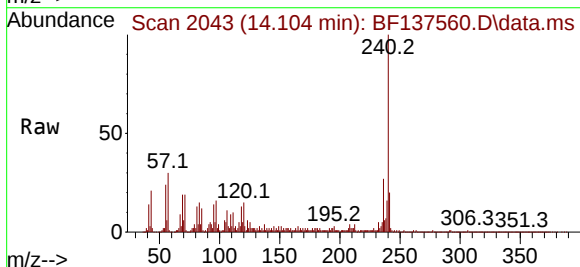
Tgt Ion:240 Resp: 409766

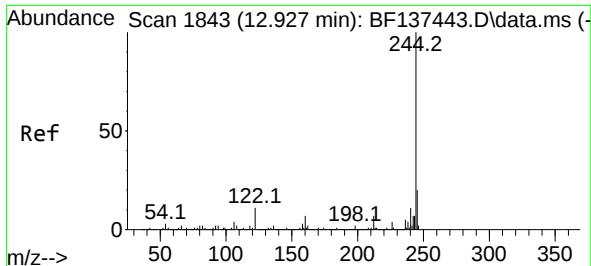
Ion Ratio Lower Upper

240 100

120 15.3 10.4 15.6

236 26.7 20.9 31.3

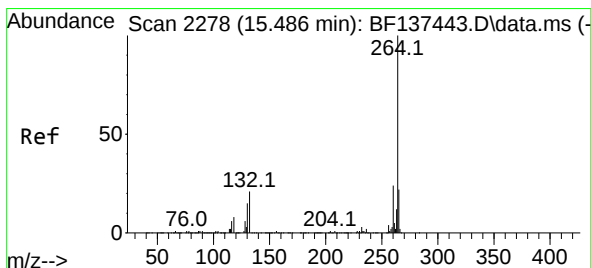
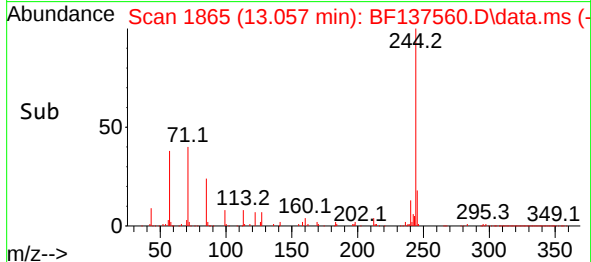
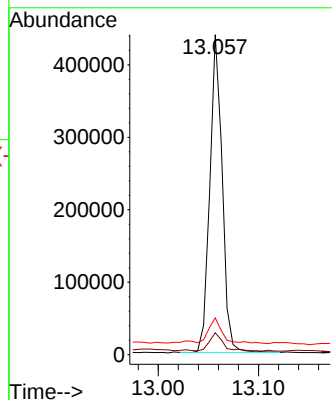
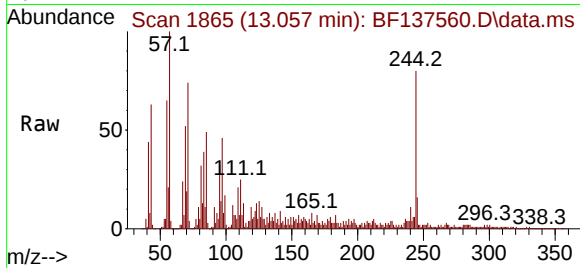




#79
 Terphenyl-d14
 Concen: 12.676 ng
 RT: 13.057 min Scan# 11
 Delta R.T. 0.018 min
 Lab File: BF137560.D
 Acq: 11 Mar 2024 17:16

Instrument :
 BNA_F
 ClientSampleId :
 RT4196

Tgt Ion:244 Resp: 377726
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.5 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.651 min Scan# 2306
 Delta R.T. 0.000 min
 Lab File: BF137560.D
 Acq: 11 Mar 2024 17:16

Tgt Ion:264 Resp: 501773
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 21.9 17.4 26.0

