

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
 Data File : BF137754.D
 Acq On : 29 Apr 2024 17:34
 Operator : CG\JU
 Sample : P2231-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-3(0-0.5)

Quant Time: Apr 29 18:29:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	253310	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	999034	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	556144	20.000	ng	-0.01
64) Phenanthrene-d10	11.604	188	889419	20.000	ng	# 0.00
76) Chrysene-d12	14.251	240	501663	20.000	ng	# 0.00
86) Perylene-d12	15.821	264	538406	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1366986	81.975	ng	0.00
7) Phenol-d6	6.675	99	1724184	81.420	ng	0.00
23) Nitrobenzene-d5	7.622	82	1051752	55.884	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	489932	87.302	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2076542	55.791	ng	0.00
79) Terphenyl-d14	13.186	244	1861857	59.737	ng	-0.01

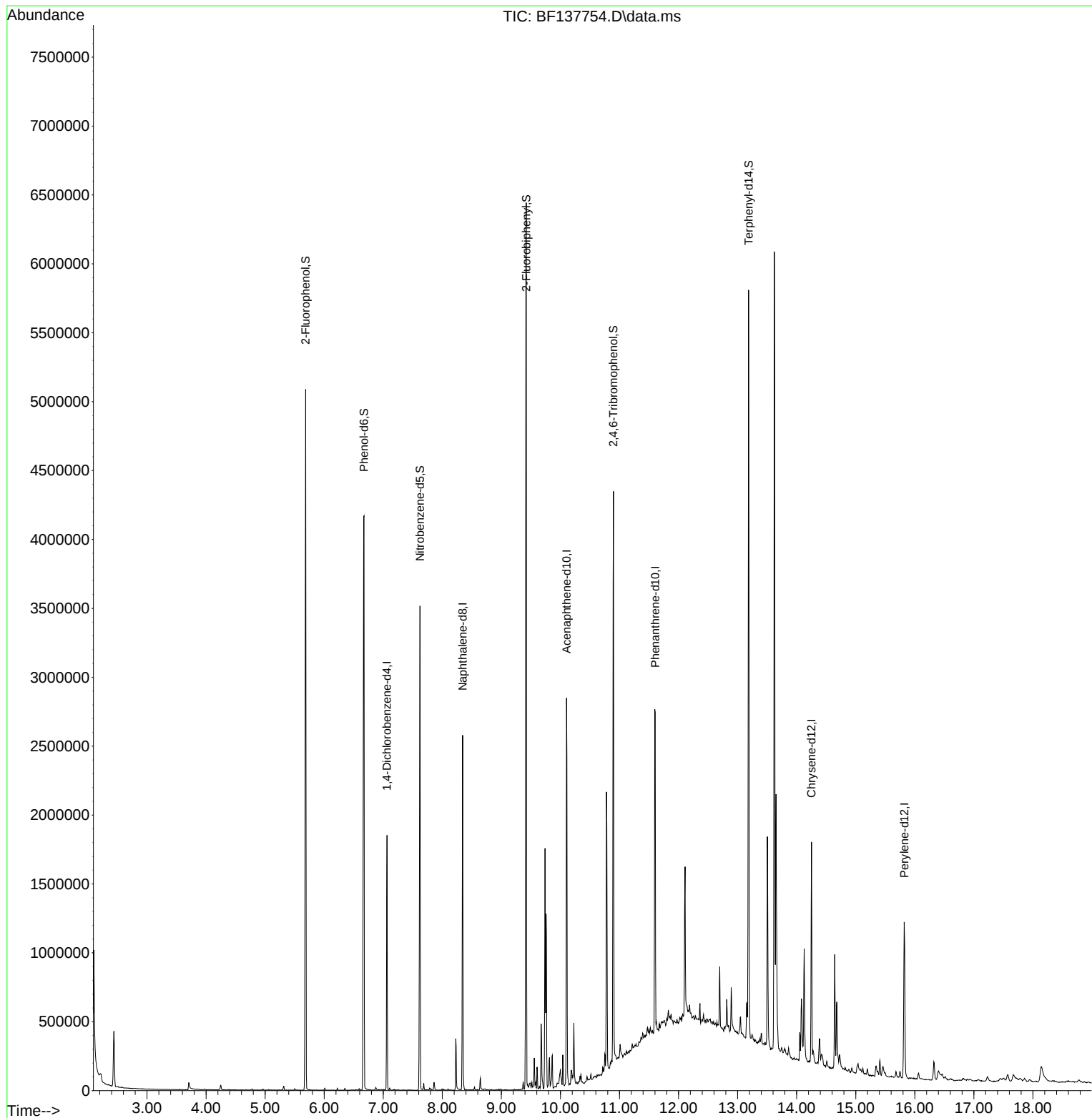
Target Compounds	Qvalue

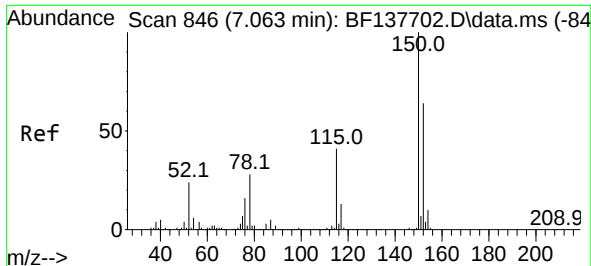
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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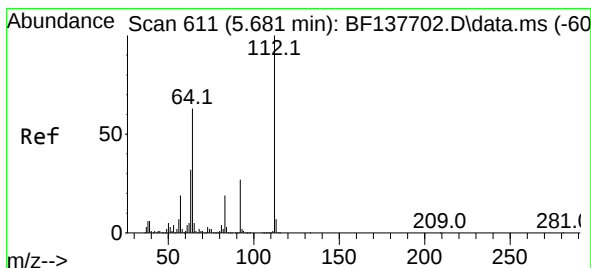
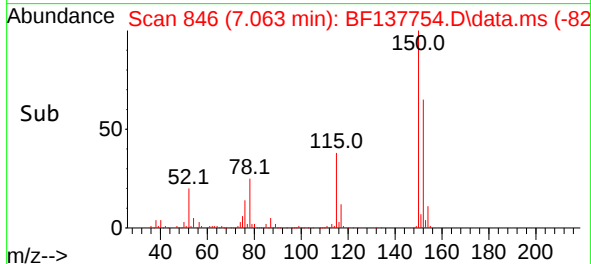
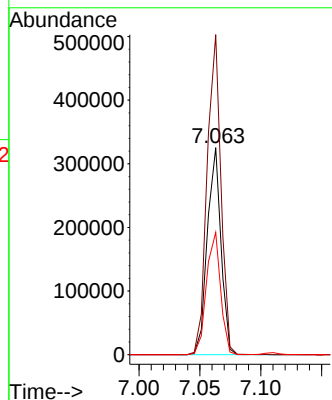
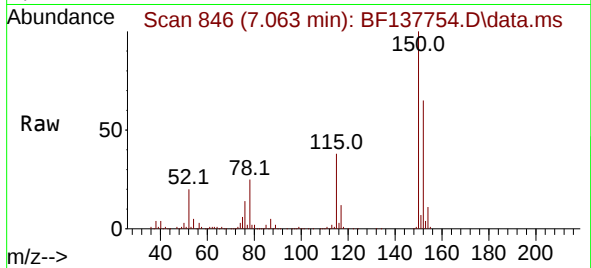




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137754.D
Acq: 29 Apr 2024 17:34

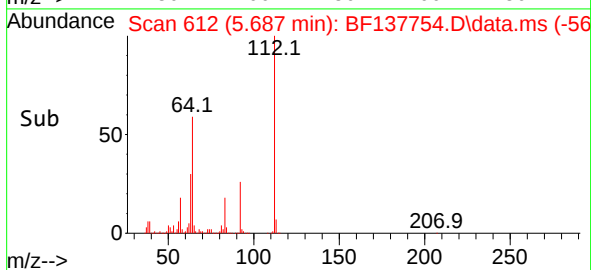
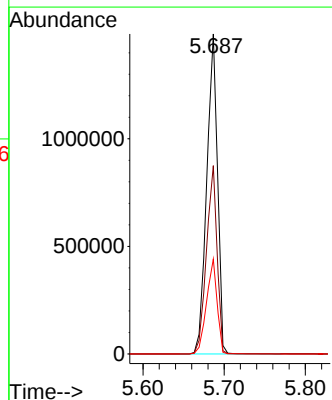
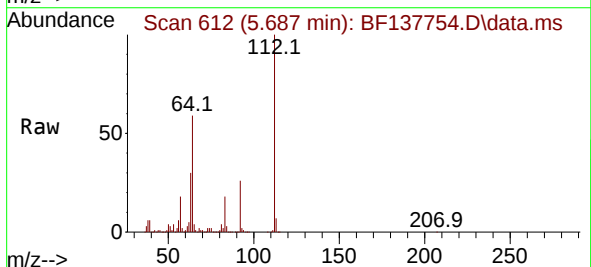
Instrument :
BNA_F
ClientSampleId :
PE-3(0-0.5)

Tgt Ion:152 Resp: 253310
Ion Ratio Lower Upper
152 100
150 154.6 124.2 186.4
115 59.1 50.8 76.2



#5
2-Fluorophenol
Concen: 81.975 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.006 min
Lab File: BF137754.D
Acq: 29 Apr 2024 17:34

Tgt Ion:112 Resp: 1366986
Ion Ratio Lower Upper
112 100
64 58.8 50.1 75.1
63 29.7 25.2 37.8



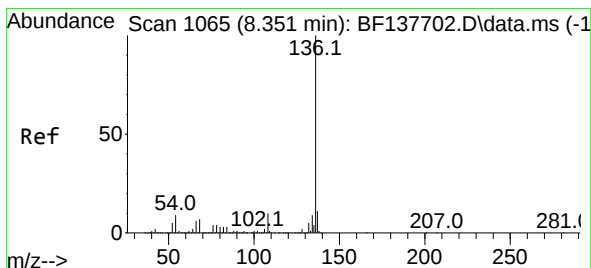
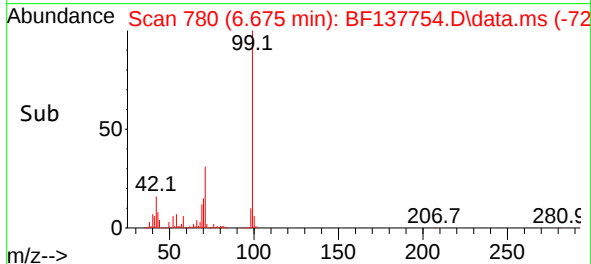
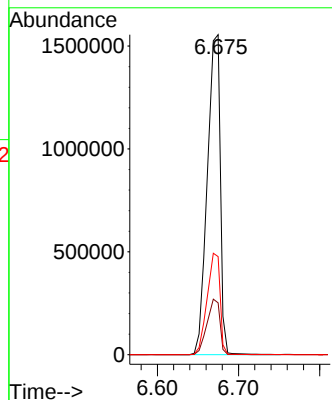
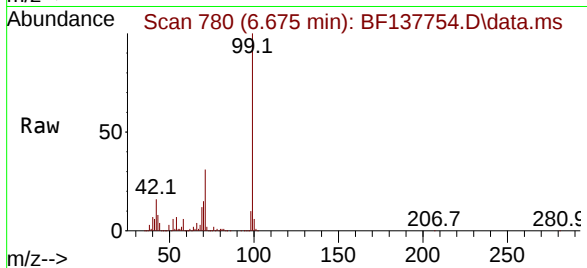


#7
Phenol-d6
Concen: 81.420 ng
RT: 6.675 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137754.D
Acq: 29 Apr 2024 17:34

Instrument :
BNA_F
ClientSampleId :
PE-3(0-0.5)

Tgt Ion: 99 Resp: 1724184

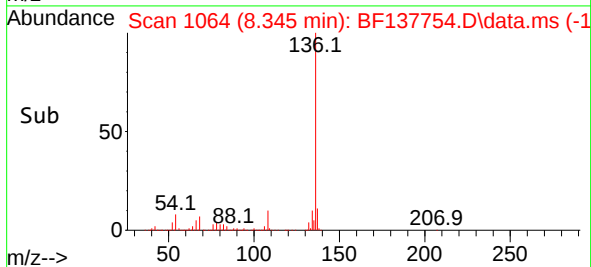
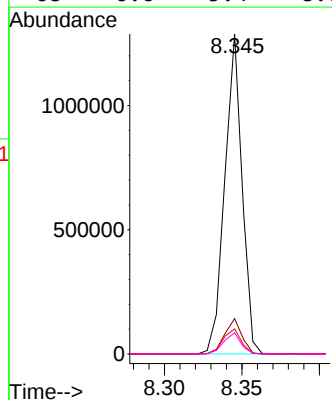
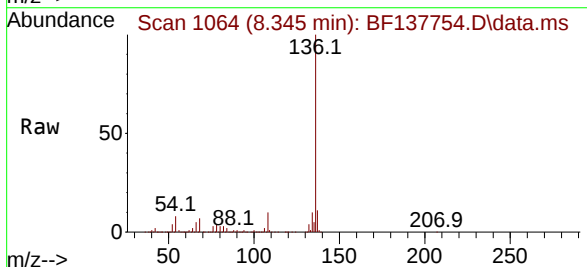
Ion	Ratio	Lower	Upper
99	100		
42	16.2	15.0	22.4
71	30.7	25.7	38.5

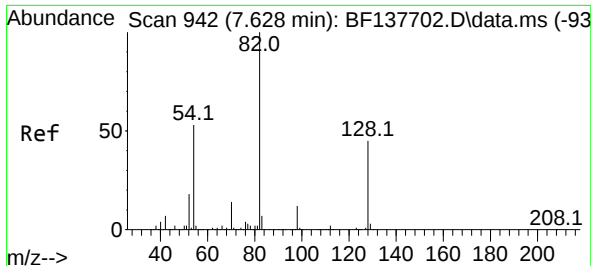


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137754.D
Acq: 29 Apr 2024 17:34

Tgt Ion: 136 Resp: 999034

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.9	6.9	10.3
68	6.6	5.4	8.0

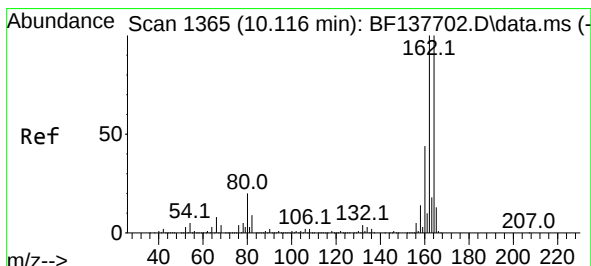
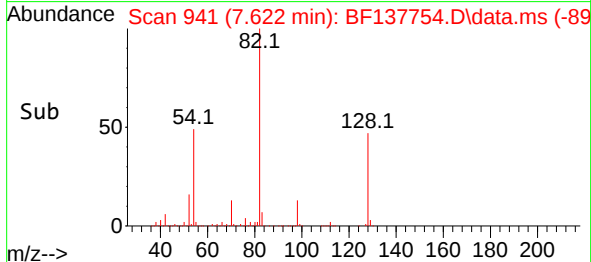
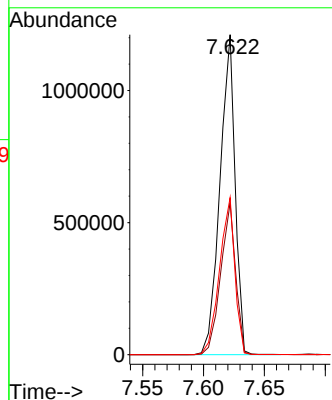
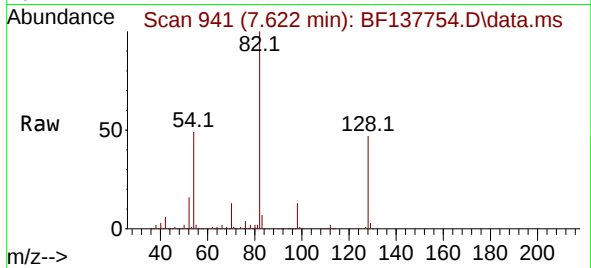




#23
Nitrobenzene-d5
Concen: 55.884 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137754.D
Acq: 29 Apr 2024 17:34

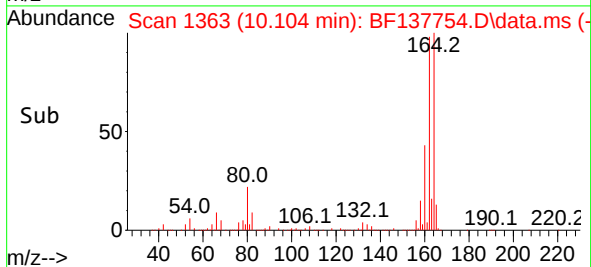
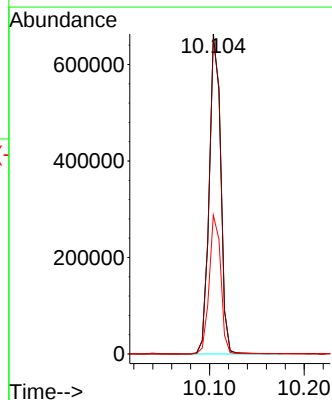
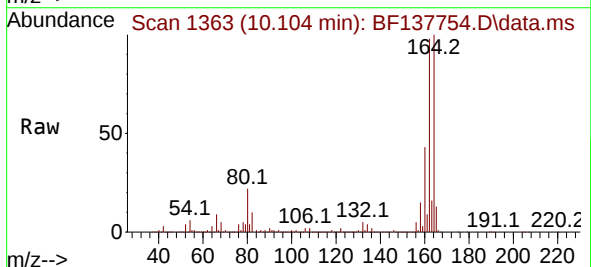
Instrument :
BNA_F
ClientSampleId :
PE-3(0-0.5)

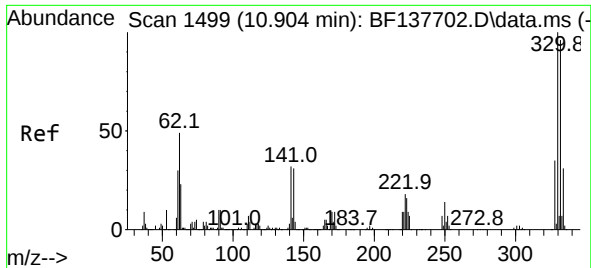
Tgt Ion: 82 Resp: 1051752
Ion Ratio Lower Upper
82 100
128 47.4 35.8 53.6
54 49.1 42.5 63.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF137754.D
Acq: 29 Apr 2024 17:34

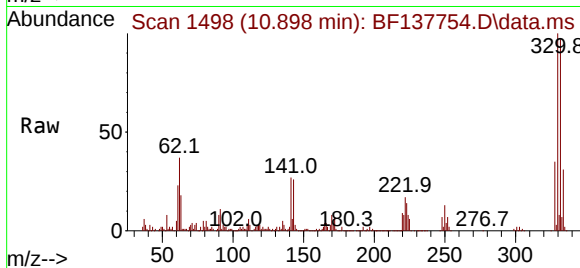
Tgt Ion:164 Resp: 556144
Ion Ratio Lower Upper
164 100
162 98.4 80.3 120.5
160 43.4 35.0 52.4



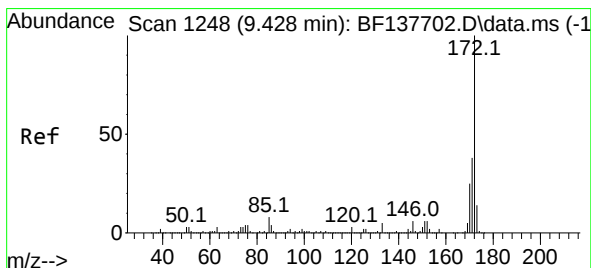
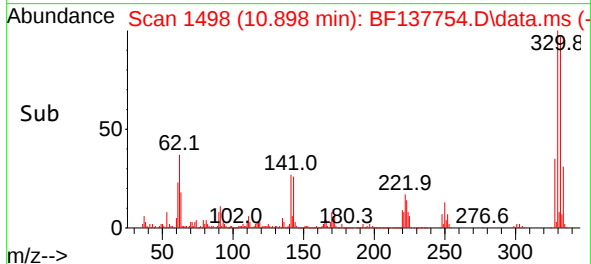
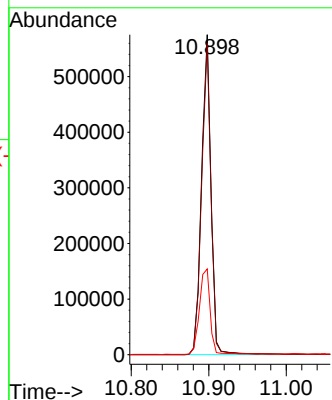


#42
2,4,6-Tribromophenol
Concen: 87.302 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF137754.D
Acq: 29 Apr 2024 17:34

Instrument :
BNA_F
ClientSampleId :
PE-3(0-0.5)

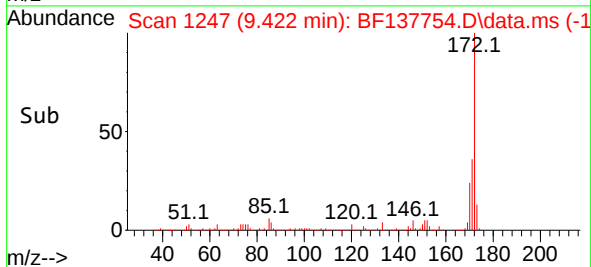
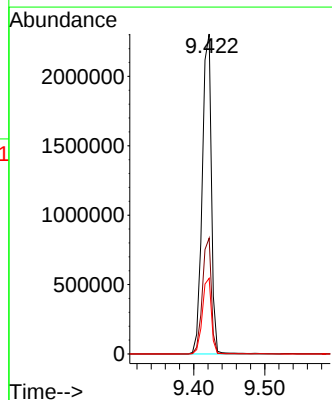
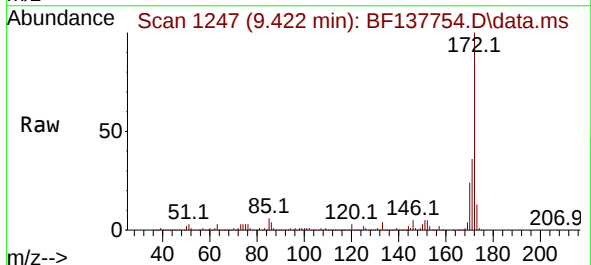


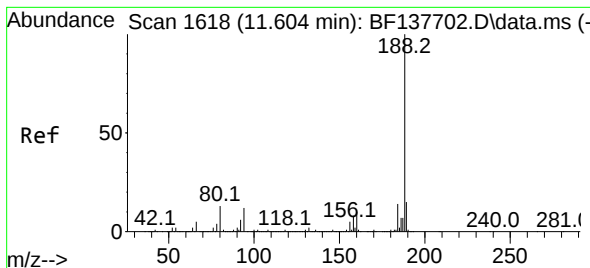
Tgt Ion:330 Resp: 489932
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 30.2 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 55.791 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF137754.D
Acq: 29 Apr 2024 17:34

Tgt Ion:172 Resp: 2076542
Ion Ratio Lower Upper
172 100
171 36.2 30.2 45.4
170 23.7 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.604 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137754.D

Acq: 29 Apr 2024 17:34

Instrument :

BNA_F

ClientSampleId :

PE-3(0-0.5)

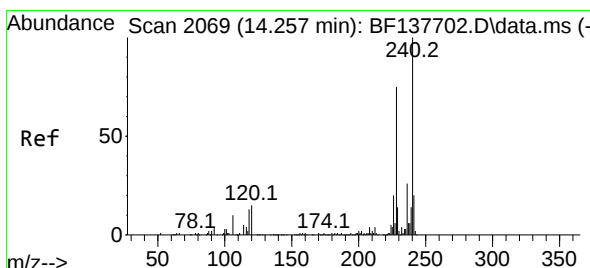
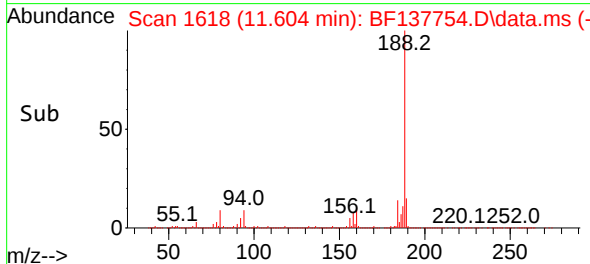
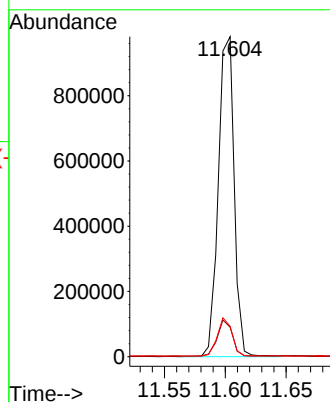
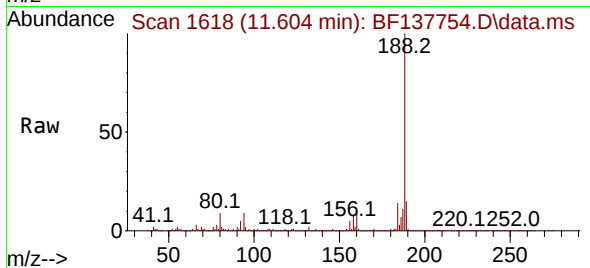
Tgt Ion:188 Resp: 889419

Ion Ratio Lower Upper

188 100

94 9.2 9.4 14.2#

80 9.5 10.2 15.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.251 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BF137754.D

Acq: 29 Apr 2024 17:34

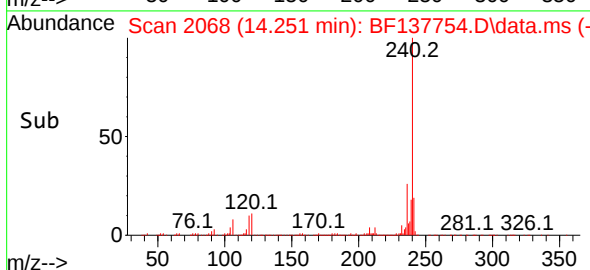
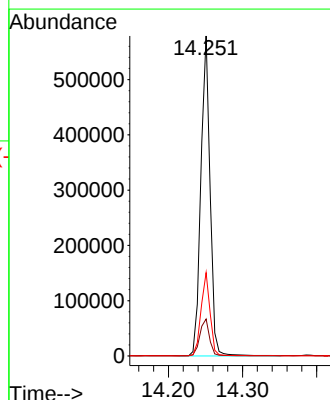
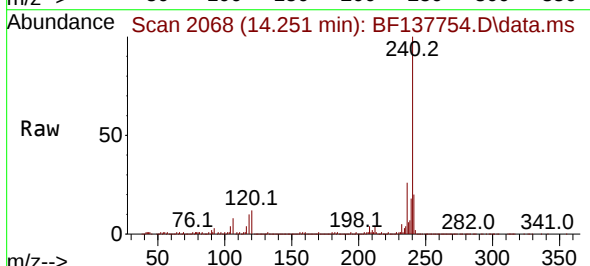
Tgt Ion:240 Resp: 501663

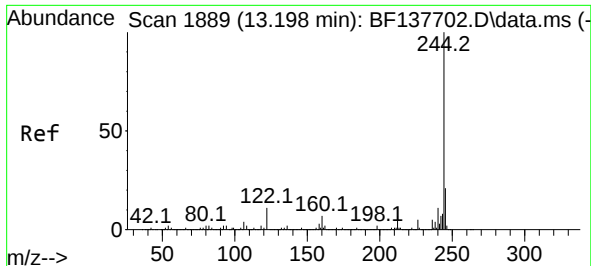
Ion Ratio Lower Upper

240 100

120 11.5 11.9 17.9#

236 26.1 20.8 31.2

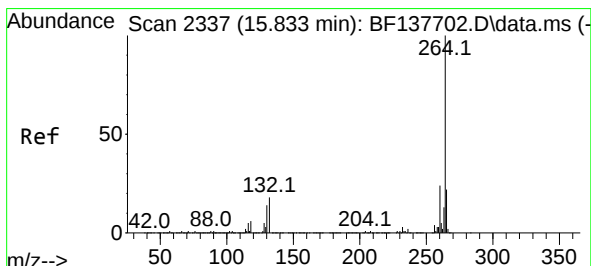
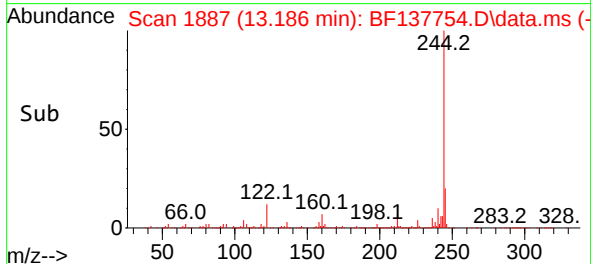
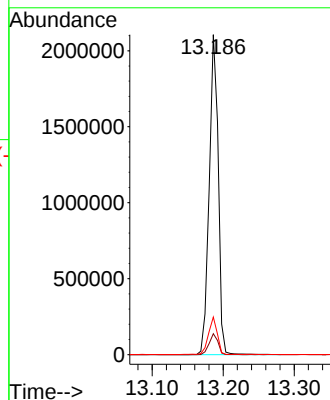
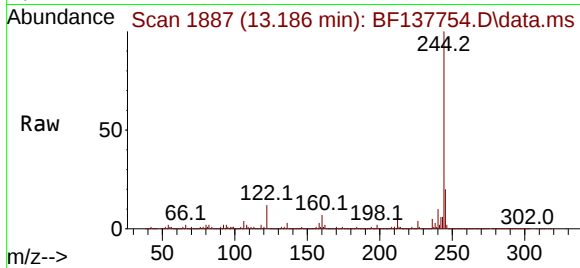




#79
 Terphenyl-d14
 Concen: 59.737 ng
 RT: 13.186 min Scan# 1887
 Delta R.T. -0.012 min
 Lab File: BF137754.D
 Acq: 29 Apr 2024 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PE-3(0-0.5)

Tgt Ion:244 Resp: 1861857
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 11.7 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.821 min Scan# 2335
 Delta R.T. -0.012 min
 Lab File: BF137754.D
 Acq: 29 Apr 2024 17:34

Tgt Ion:264 Resp: 538406
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.6 17.5 26.3

