

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
 Data File : BF137747.D
 Acq On : 29 Apr 2024 10:44
 Operator : CG\JU
 Sample : PB160543BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160543BL

Quant Time: Apr 29 11:31:11 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	295413	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1162197	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	657753	20.000	ng	-0.01
64) Phenanthrene-d10	11.604	188	1149874	20.000	ng	# 0.00
76) Chrysene-d12	14.251	240	781358	20.000	ng	# 0.00
86) Perylene-d12	15.827	264	647426	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	1632900	83.965	ng	0.02
7) Phenol-d6	6.675	99	2008168	81.315	ng	0.00
23) Nitrobenzene-d5	7.622	82	1770880	80.885	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	596191	89.825	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	3422329	77.744	ng	0.00
79) Terphenyl-d14	13.192	244	3884243	80.014	ng	0.00

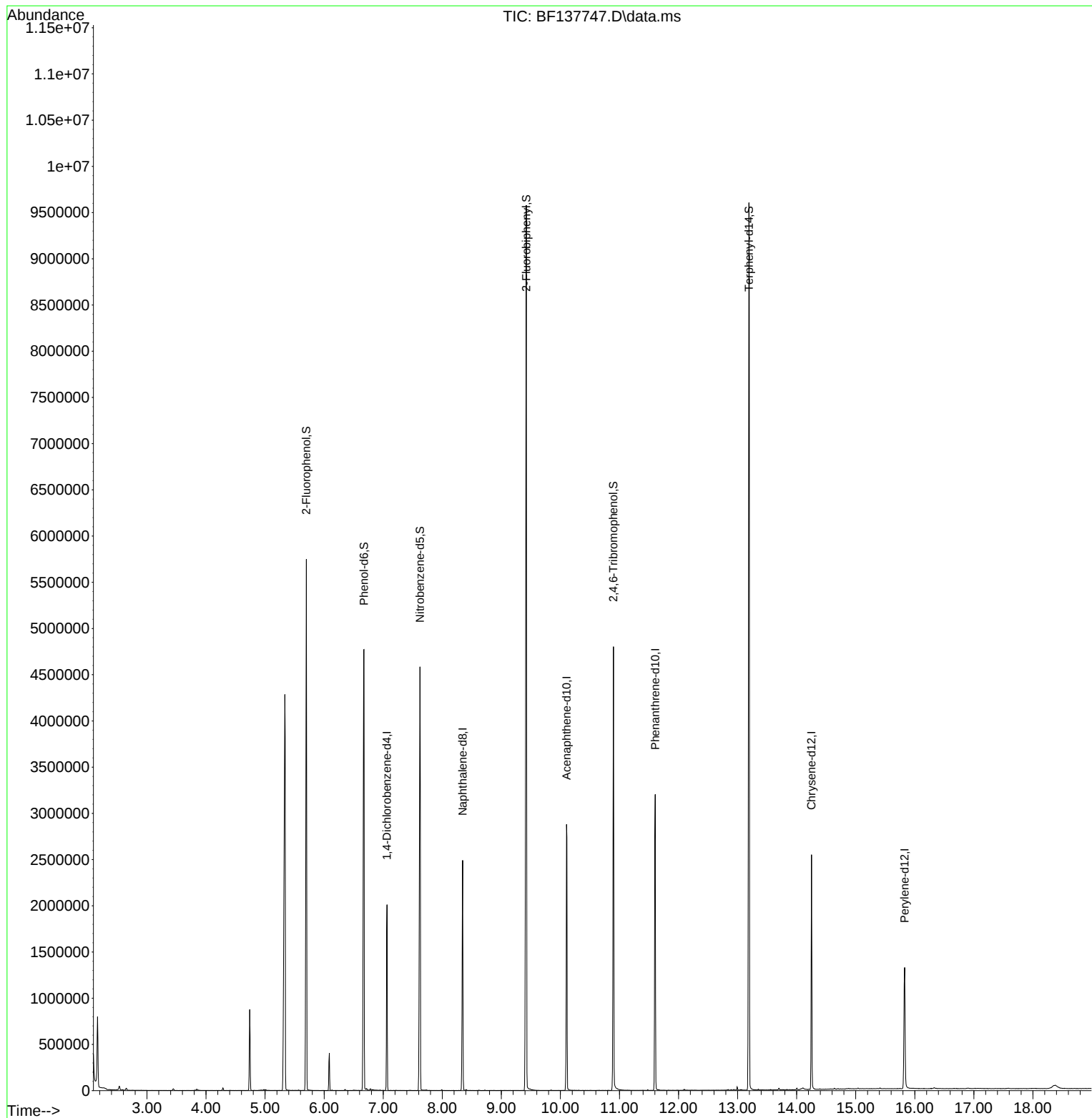
Target Compounds	Qvalue

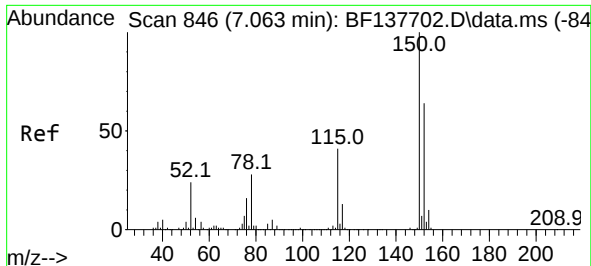
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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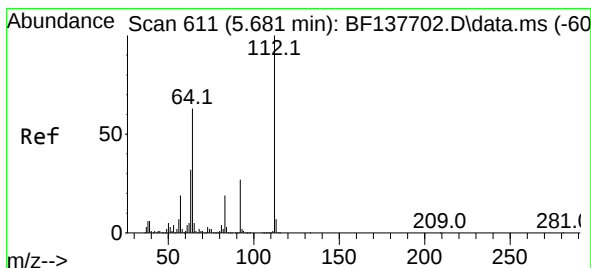
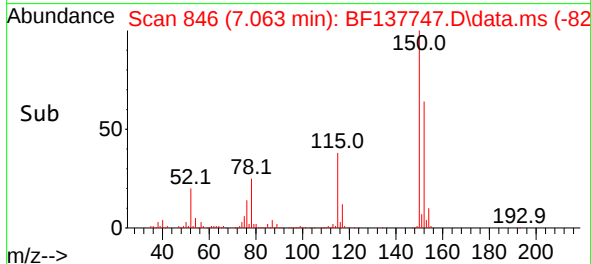
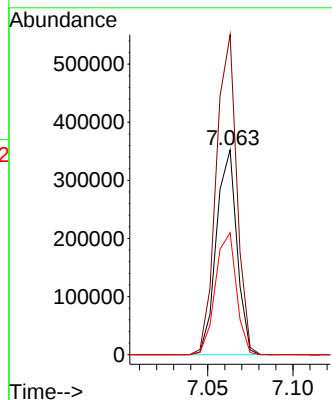
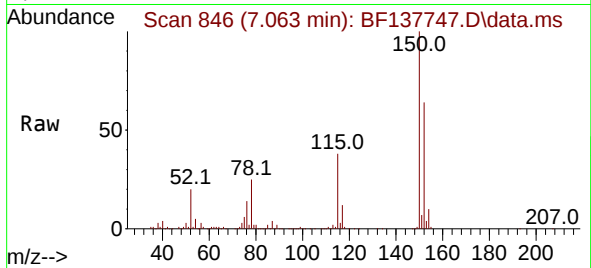




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137747.D
Acq: 29 Apr 2024 10:44

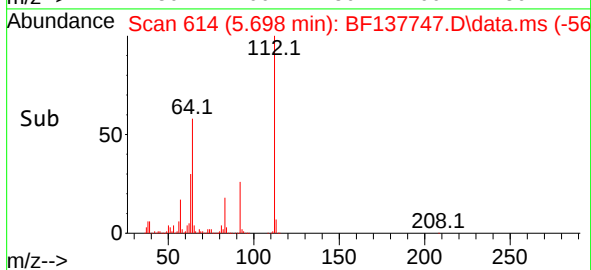
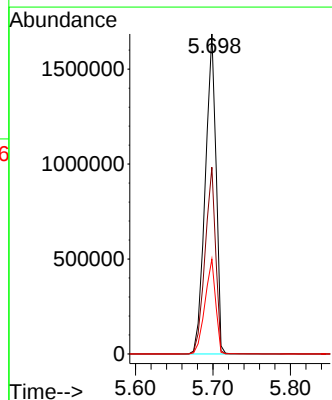
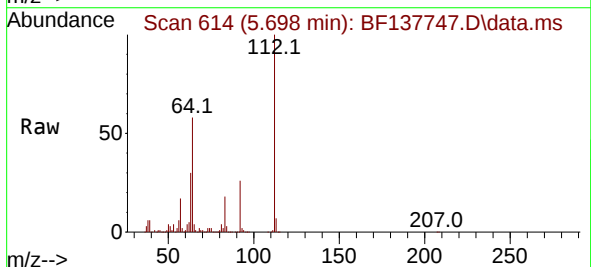
Instrument :
BNA_F
ClientSampleId :
PB160543BL

Tgt Ion:152 Resp: 295413
Ion Ratio Lower Upper
152 100
150 156.2 124.2 186.4
115 59.5 50.8 76.2



#5
2-Fluorophenol
Concen: 83.965 ng
RT: 5.698 min Scan# 614
Delta R.T. 0.018 min
Lab File: BF137747.D
Acq: 29 Apr 2024 10:44

Tgt Ion:112 Resp: 1632900
Ion Ratio Lower Upper
112 100
64 58.3 50.1 75.1
63 29.6 25.2 37.8



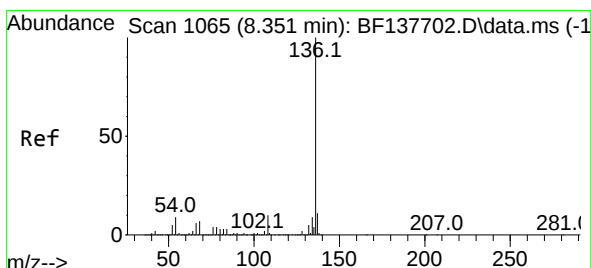
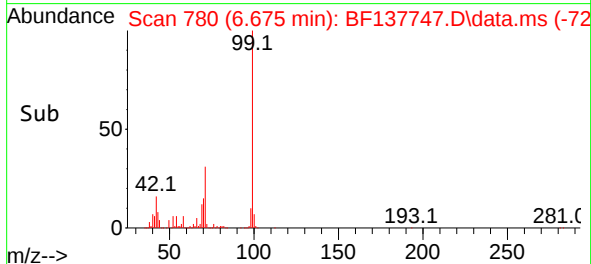
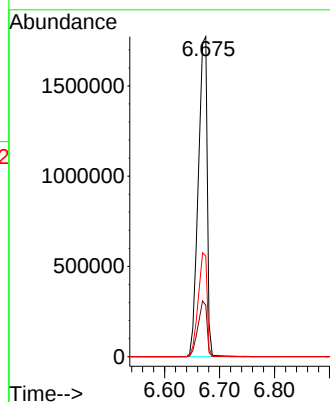
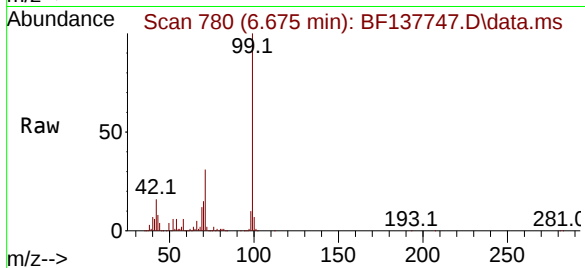


#7
Phenol-d6
Concen: 81.315 ng
RT: 6.675 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF137747.D
Acq: 29 Apr 2024 10:44

Instrument :
BNA_F
ClientSampleId :
PB160543BL

Tgt Ion: 99 Resp: 2008168

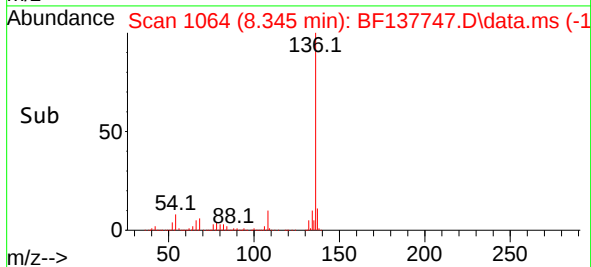
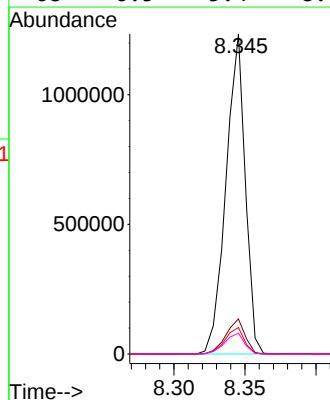
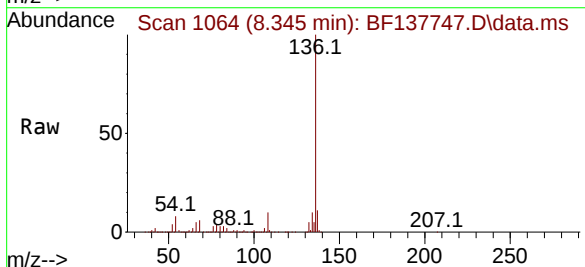
Ion	Ratio	Lower	Upper
99	100		
42	16.0	15.0	22.4
71	31.4	25.7	38.5

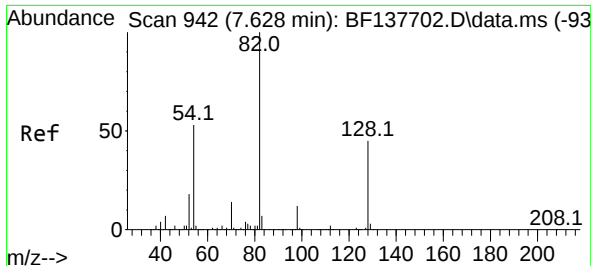


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137747.D
Acq: 29 Apr 2024 10:44

Tgt Ion:136 Resp: 1162197

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.3	6.9	10.3
68	6.5	5.4	8.0





#23

Nitrobenzene-d5

Concen: 80.885 ng

RT: 7.622 min Scan# 942

Delta R.T. -0.006 min

Lab File: BF137747.D

Acq: 29 Apr 2024 10:44

Instrument :

BNA_F

ClientSampleId :

PB160543BL

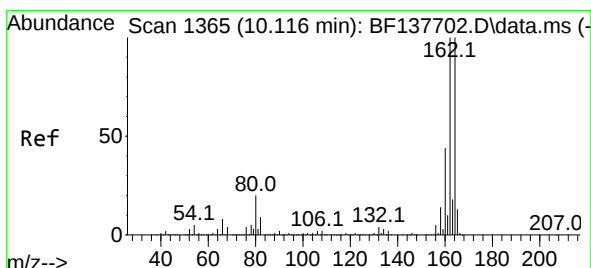
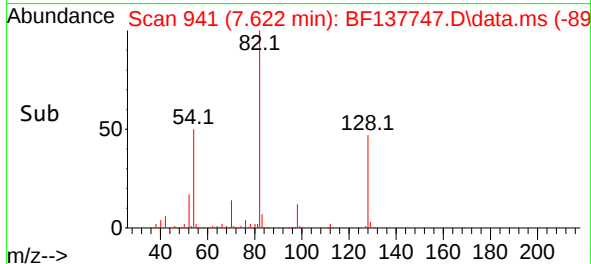
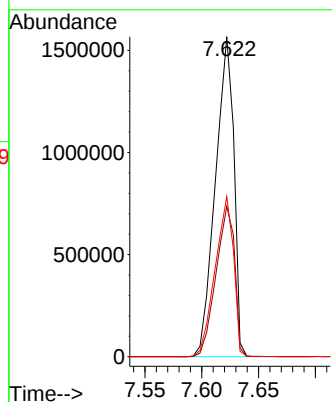
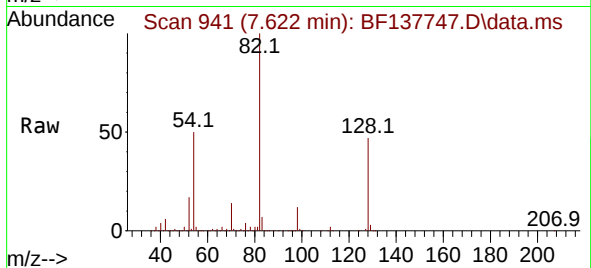
Tgt Ion: 82 Resp: 1770880

Ion Ratio Lower Upper

82 100

128 46.9 35.8 53.6

54 50.0 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: BF137747.D

Acq: 29 Apr 2024 10:44

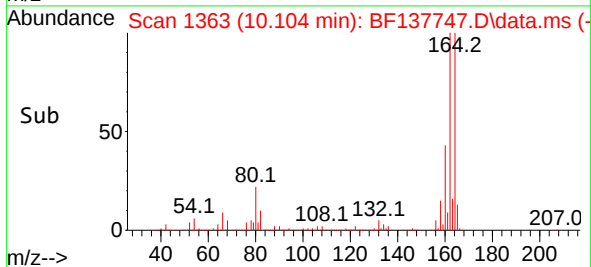
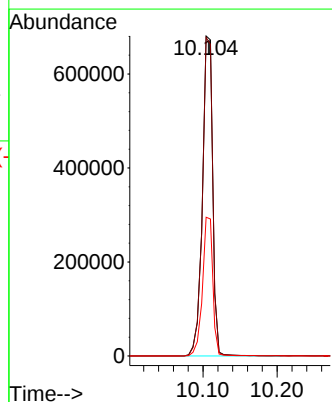
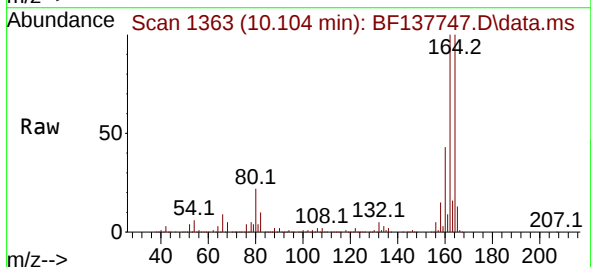
Tgt Ion: 164 Resp: 657753

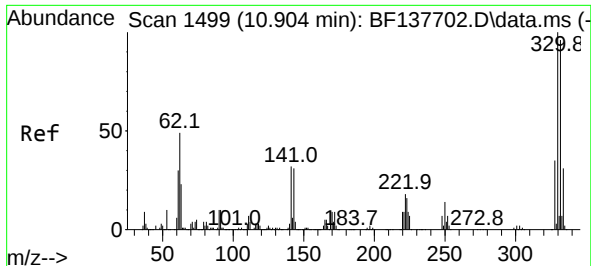
Ion Ratio Lower Upper

164 100

162 99.6 80.3 120.5

160 43.3 35.0 52.4

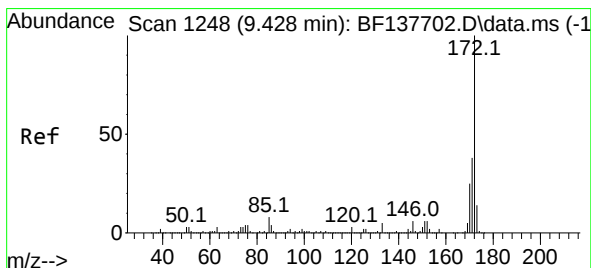
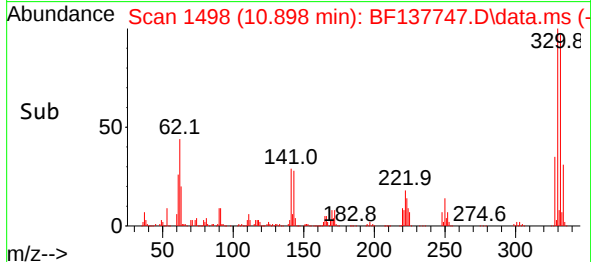
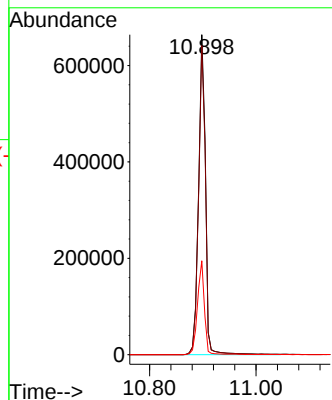
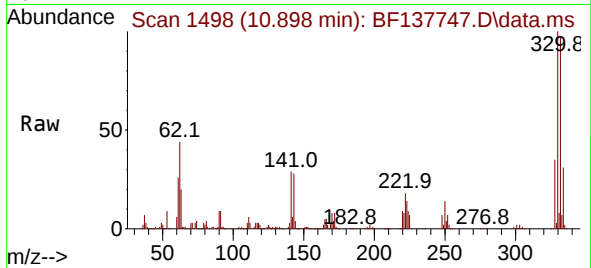




#42
2,4,6-Tribromophenol
Concen: 89.825 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF137747.D
Acq: 29 Apr 2024 10:44

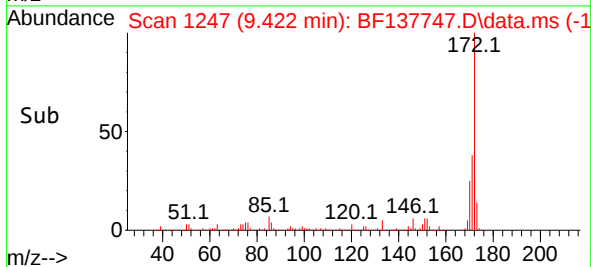
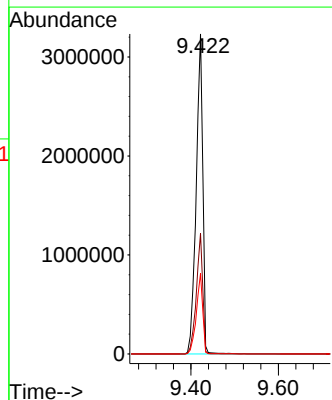
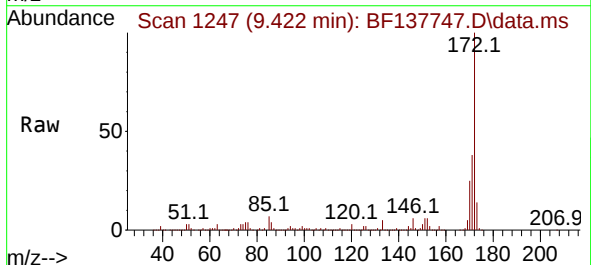
Instrument :
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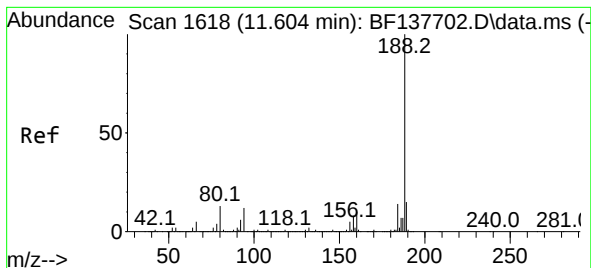
Tgt Ion:330 Resp: 596191
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 29.7 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 77.744 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF137747.D
Acq: 29 Apr 2024 10:44

Tgt Ion:172 Resp: 3422329
Ion Ratio Lower Upper
172 100
171 37.7 30.2 45.4
170 25.1 20.2 30.4

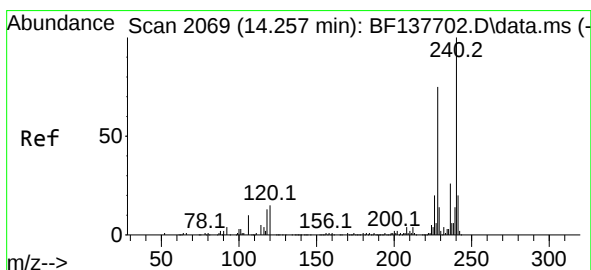
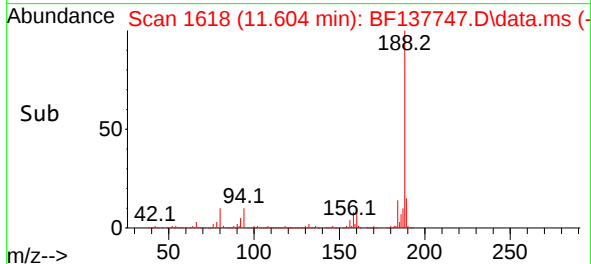
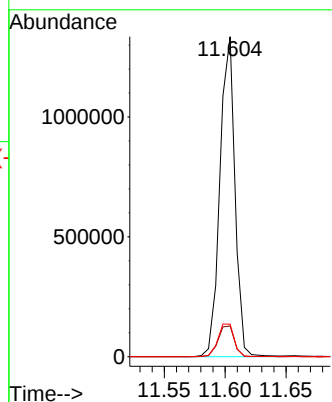
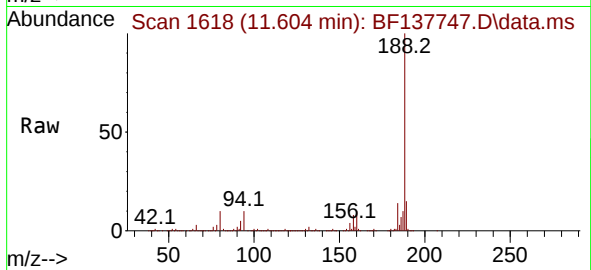




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137747.D
Acq: 29 Apr 2024 10:44

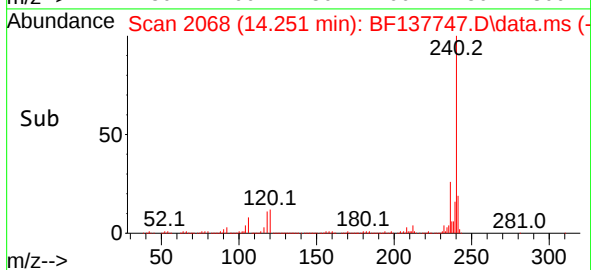
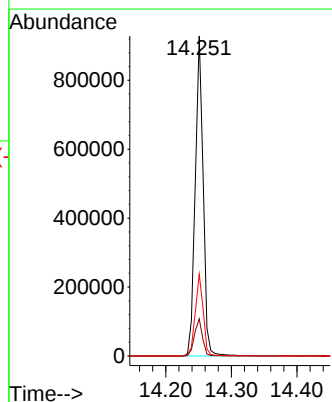
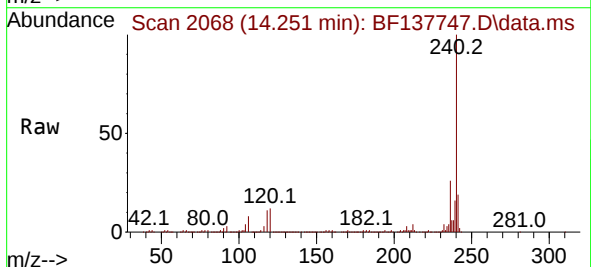
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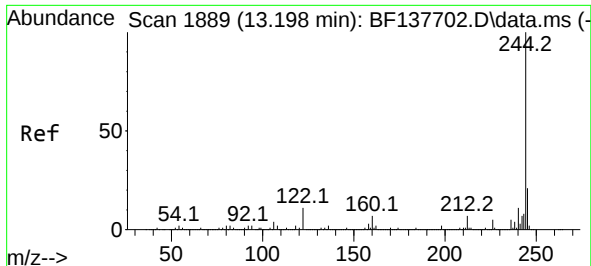
Tgt Ion:188 Resp: 1149874
Ion Ratio Lower Upper
188 100
94 9.6 9.4 14.2
80 10.2 10.2 15.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF137747.D
Acq: 29 Apr 2024 10:44

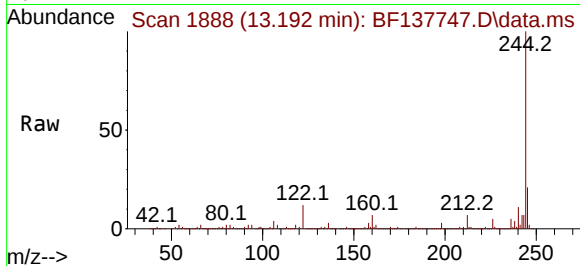
Tgt Ion:240 Resp: 781358
Ion Ratio Lower Upper
240 100
120 11.6 11.9 17.9#
236 25.6 20.8 31.2



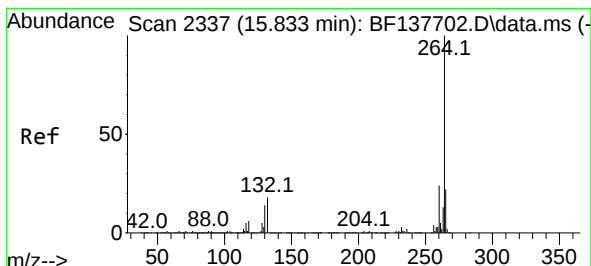
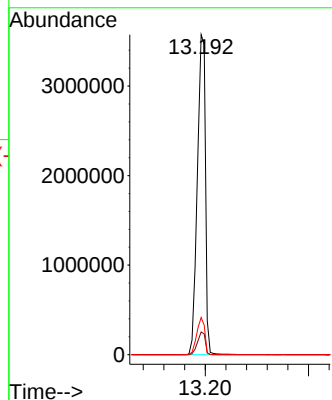
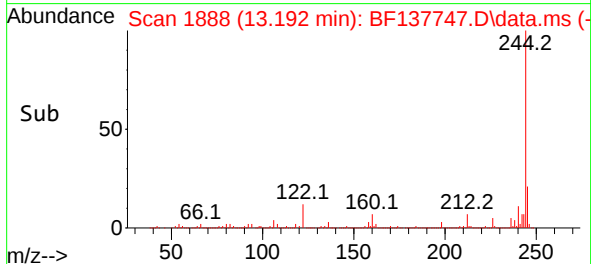


#79
 Terphenyl-d14
 Concen: 80.014 ng
 RT: 13.192 min Scan# 1888
 Delta R.T. -0.006 min
 Lab File: BF137747.D
 Acq: 29 Apr 2024 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB160543BL



Tgt Ion:244 Resp: 3884243
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 11.6 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.827 min Scan# 2336
 Delta R.T. -0.006 min
 Lab File: BF137747.D
 Acq: 29 Apr 2024 10:44

Tgt Ion:264 Resp: 647426
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.2
 265 21.4 17.5 26.3

