

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032224\
 Data File : BF137684.D
 Acq On : 22 Mar 2024 16:26
 Operator : CG\JU
 Sample : P1829-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-031224

Quant Time: Mar 22 16:55:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

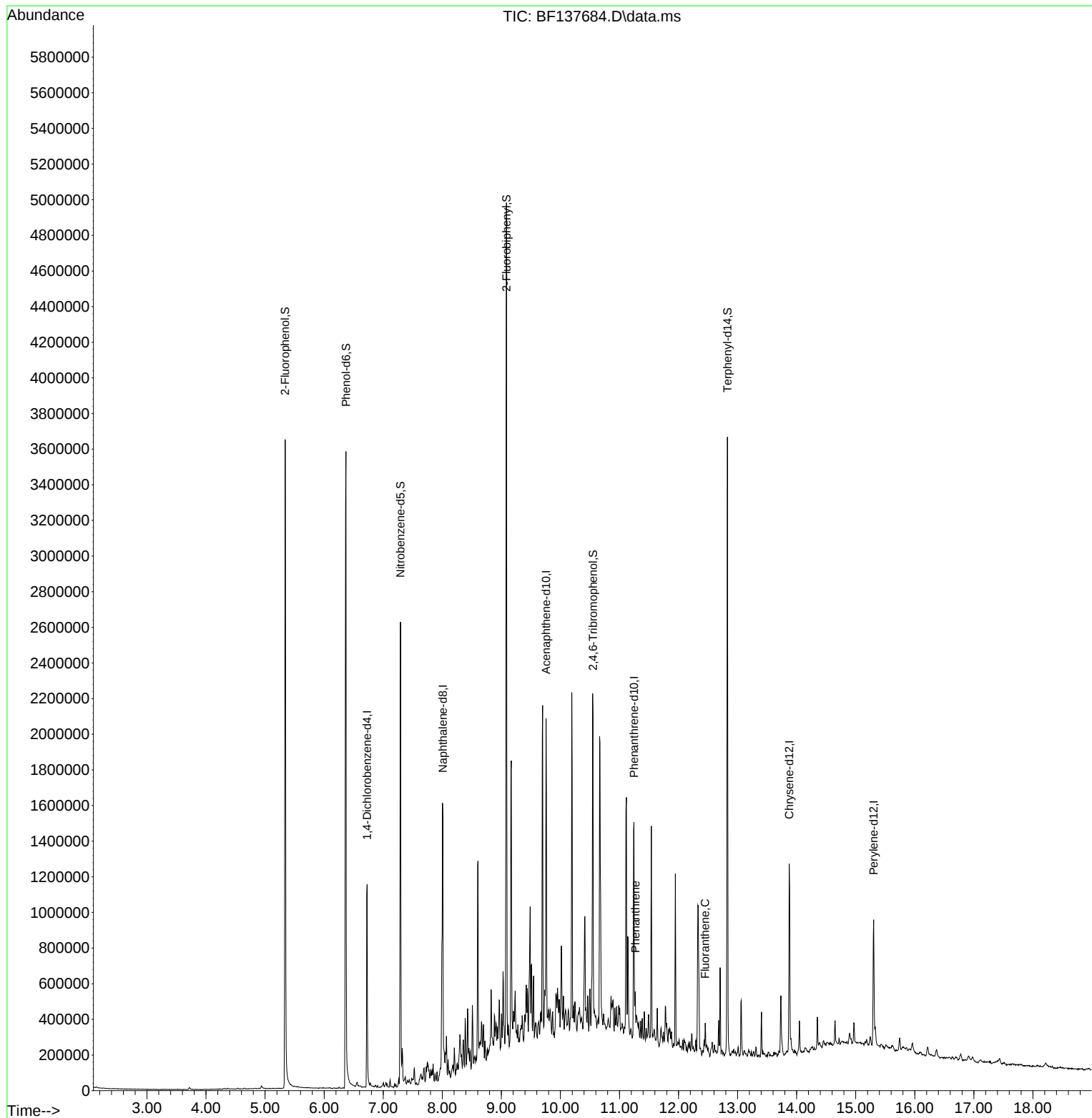
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	183044	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	692794	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	343277	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	477009	20.000	ng	# 0.00
76) Chrysene-d12	13.875	240	358691	20.000	ng	0.00
86) Perylene-d12	15.304	264	323976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1079772	89.342	ng	0.00
7) Phenol-d6	6.369	99	1437712	82.412	ng	0.00
23) Nitrobenzene-d5	7.293	82	878676	58.931	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	250716	83.168	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	1437801	65.564	ng	0.00
79) Terphenyl-d14	12.828	244	1190717	45.648	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.269	178	88899	3.424	ng	98
75) Fluoranthene	12.451	202	72085	2.841	ng	99

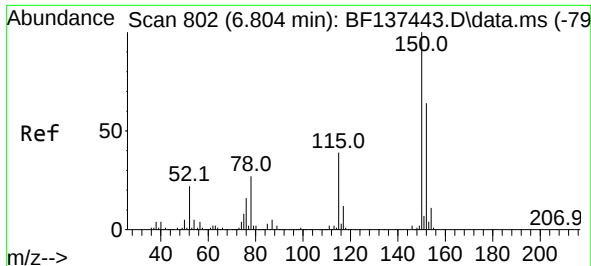
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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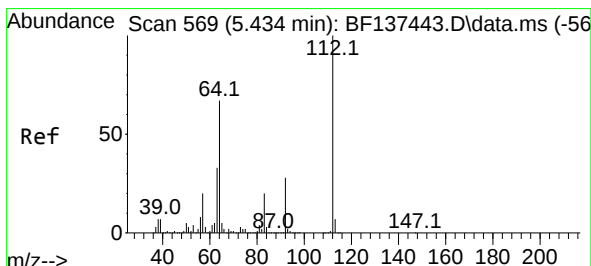
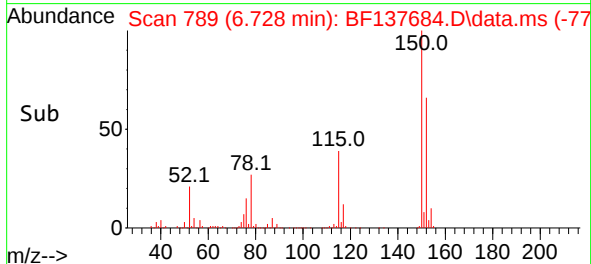
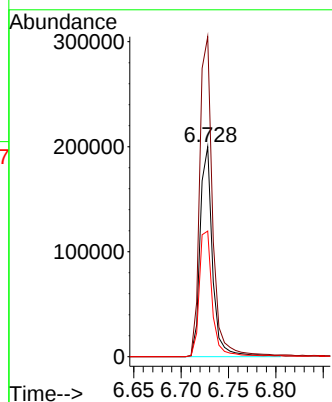
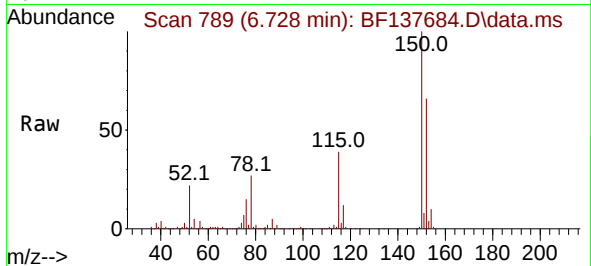




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137684.D
Acq: 22 Mar 2024 16:26

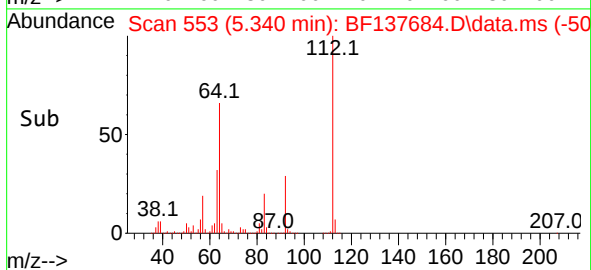
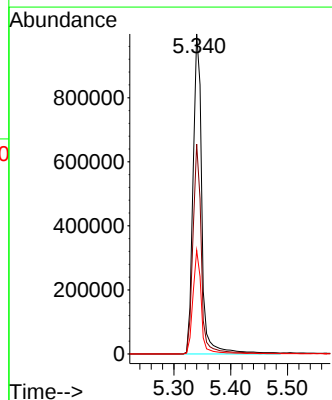
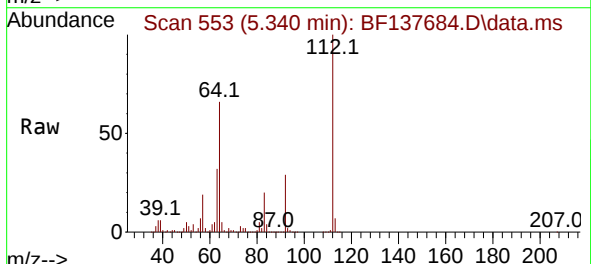
Instrument :
BNA_F
ClientSampleId :
TR-05-031224

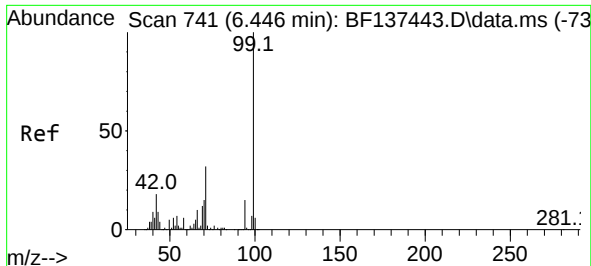
Tgt Ion:152 Resp: 183044
Ion Ratio Lower Upper
152 100
150 152.4 125.8 188.6
115 59.8 48.8 73.2



#5
2-Fluorophenol
Concen: 89.342 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF137684.D
Acq: 22 Mar 2024 16:26

Tgt Ion:112 Resp: 1079772
Ion Ratio Lower Upper
112 100
64 65.6 53.4 80.2
63 32.4 26.2 39.2

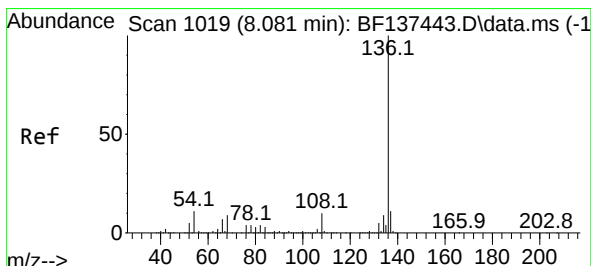
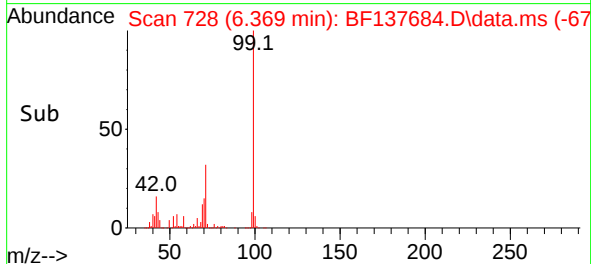
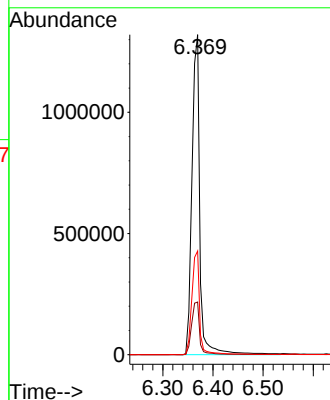
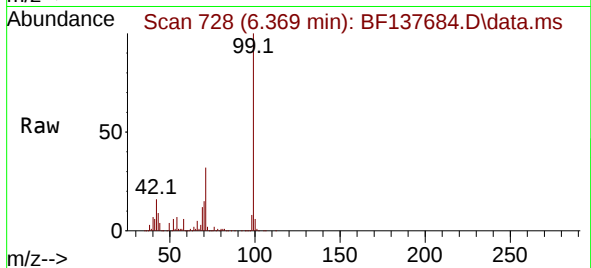




#7
Phenol-d6
Concen: 82.412 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137684.D
Acq: 22 Mar 2024 16:26

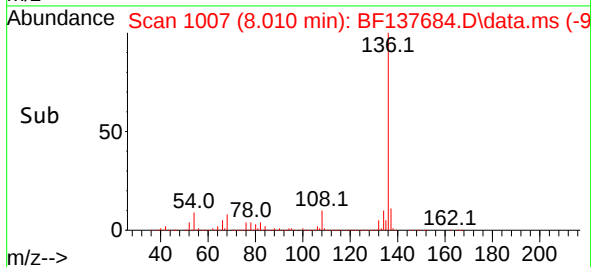
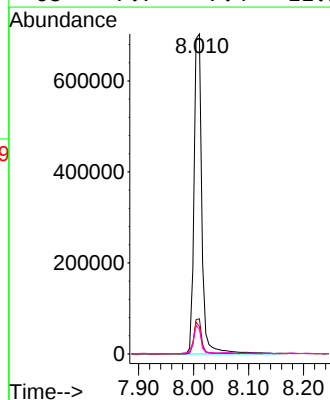
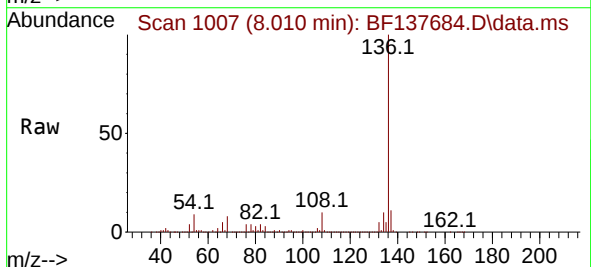
Instrument :
BNA_F
ClientSampleId :
TR-05-031224

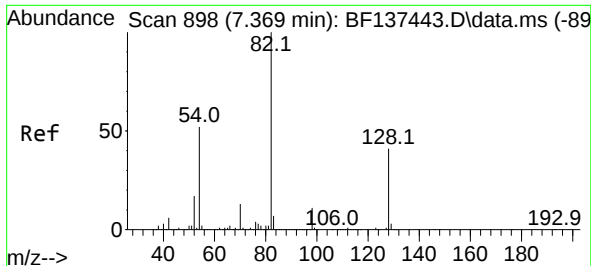
Tgt Ion: 99 Resp: 1437712
Ion Ratio Lower Upper
99 100
42 16.5 14.6 21.8
71 32.4 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF137684.D
Acq: 22 Mar 2024 16:26

Tgt Ion: 136 Resp: 692794
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.6 8.5 12.7
68 7.7 7.4 11.2





#23

Nitrobenzene-d5

Concen: 58.931 ng

RT: 7.293 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137684.D

Acq: 22 Mar 2024 16:26

Instrument :

BNA_F

ClientSampleId :

TR-05-031224

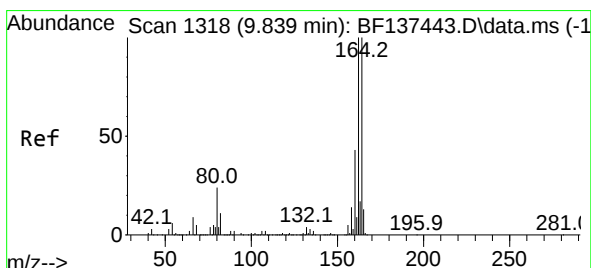
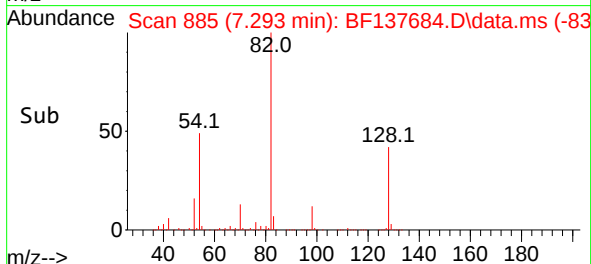
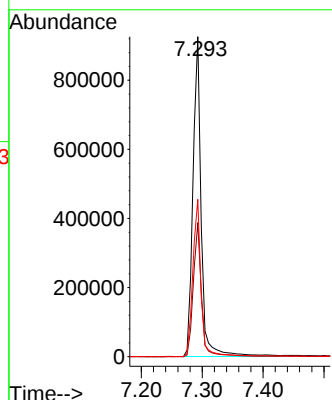
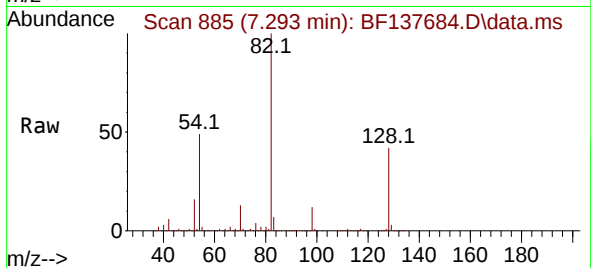
Tgt Ion: 82 Resp: 878676

Ion Ratio Lower Upper

82 100

128 41.9 32.5 48.7

54 49.1 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF137684.D

Acq: 22 Mar 2024 16:26

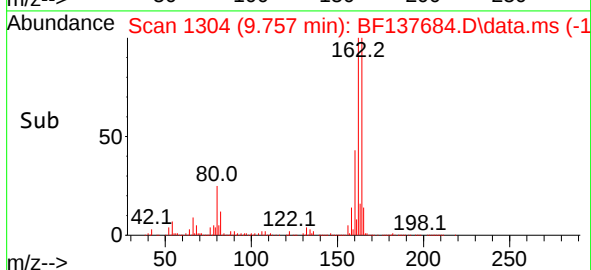
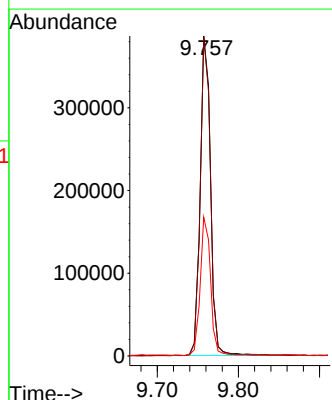
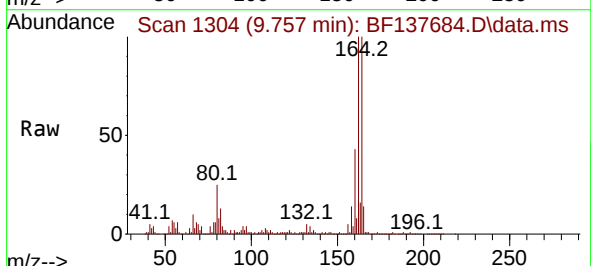
Tgt Ion:164 Resp: 343277

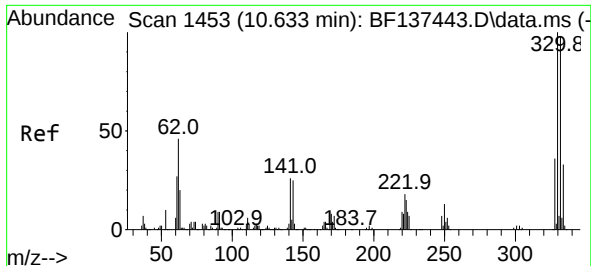
Ion Ratio Lower Upper

164 100

162 99.7 79.8 119.8

160 43.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 83.168 ng

RT: 10.551 min Scan# 1453

Delta R.T. 0.000 min

Lab File: BF137684.D

Acq: 22 Mar 2024 16:26

Instrument :

BNA_F

ClientSampleId :

TR-05-031224

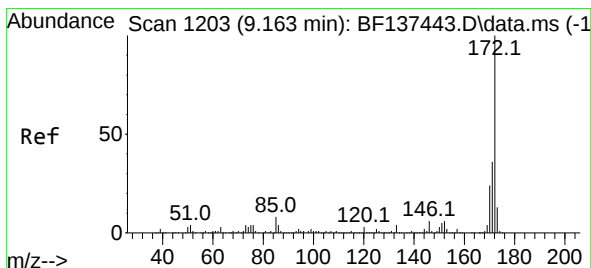
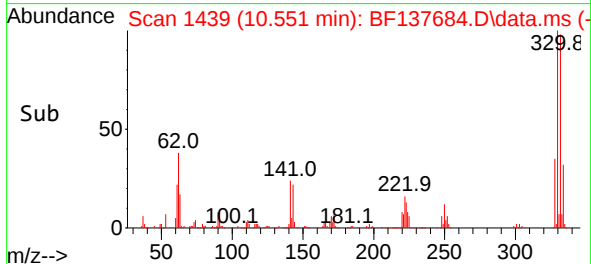
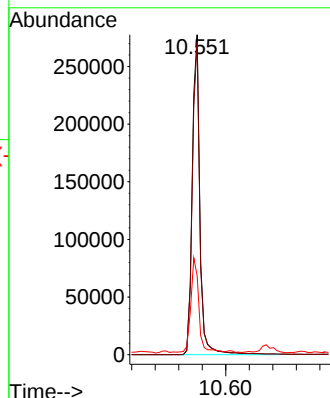
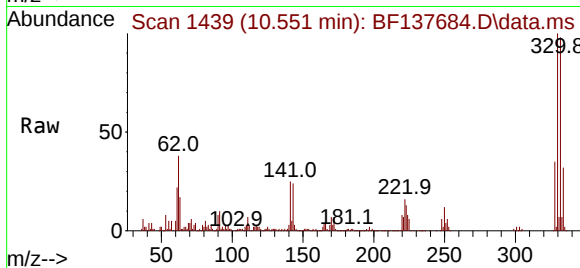
Tgt Ion:330 Resp: 250716

Ion Ratio Lower Upper

330 100

332 96.6 78.0 117.0

141 30.0 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 65.564 ng

RT: 9.087 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF137684.D

Acq: 22 Mar 2024 16:26

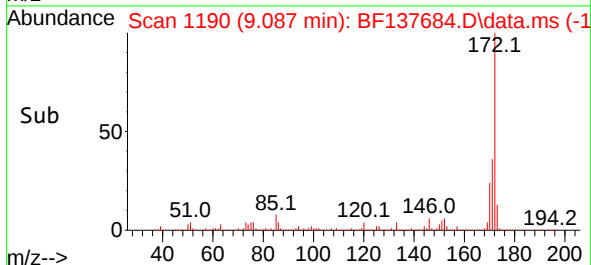
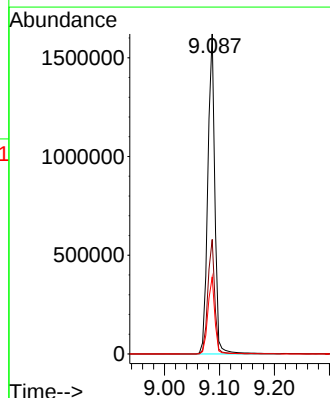
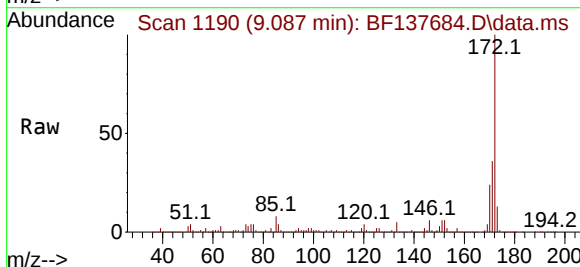
Tgt Ion:172 Resp: 1437801

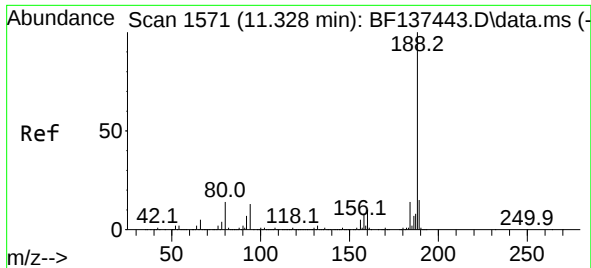
Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

170 24.1 19.0 28.6

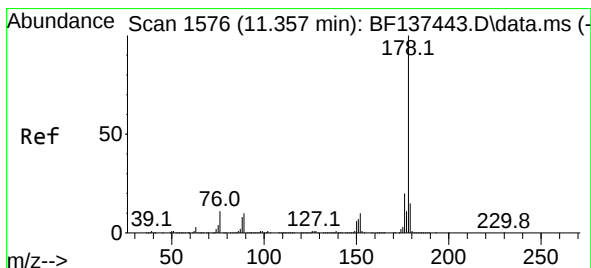
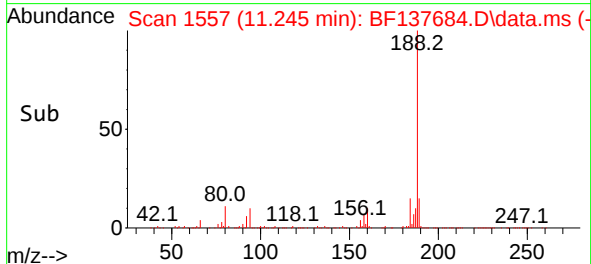
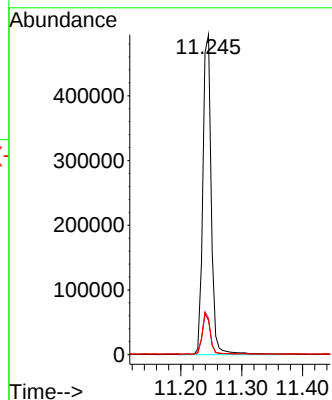
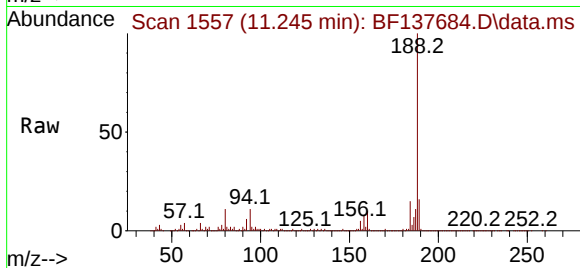




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137684.D
Acq: 22 Mar 2024 16:26

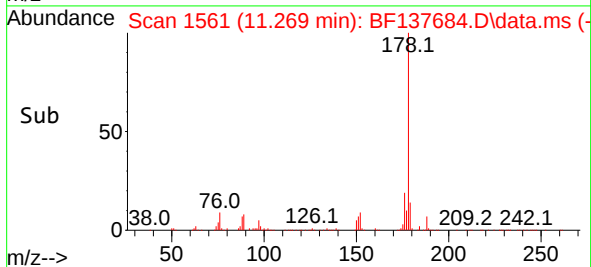
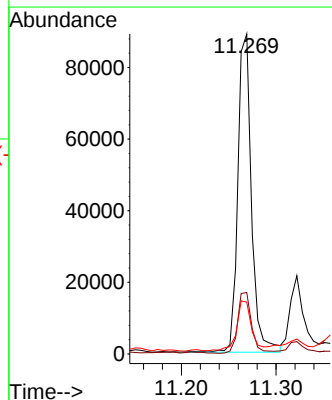
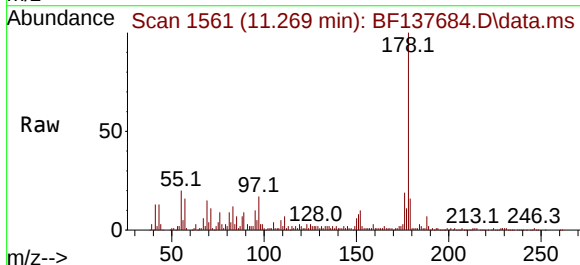
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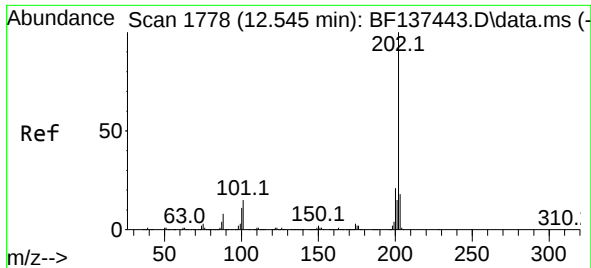
Tgt Ion:188 Resp: 477009
Ion Ratio Lower Upper
188 100
94 10.7 10.6 15.8
80 11.4 11.5 17.3#



#71
Phenanthrene
Concen: 3.424 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF137684.D
Acq: 22 Mar 2024 16:26

Tgt Ion:178 Resp: 88899
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 16.2 12.2 18.2

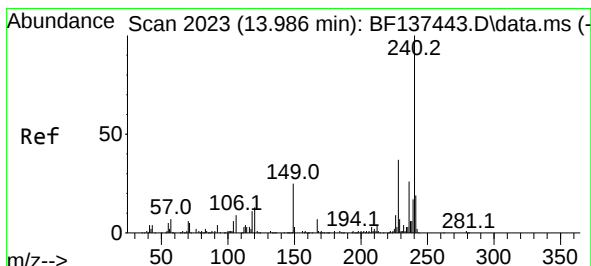
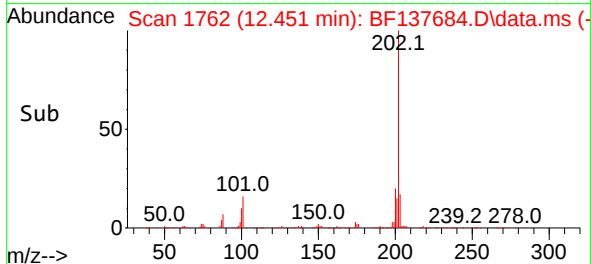
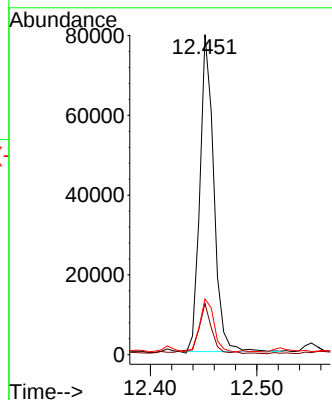
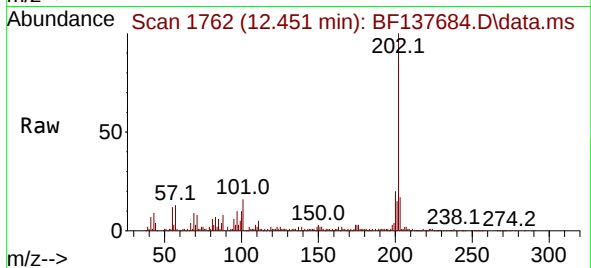




#75
Fluoranthene
Concen: 2.841 ng
RT: 12.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF137684.D
Acq: 22 Mar 2024 16:26

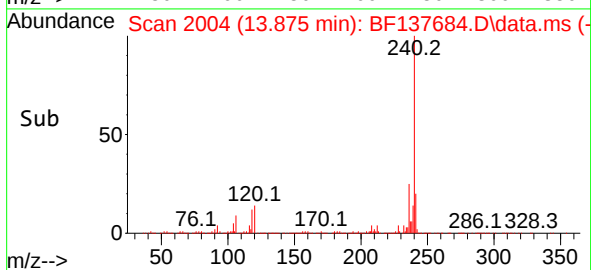
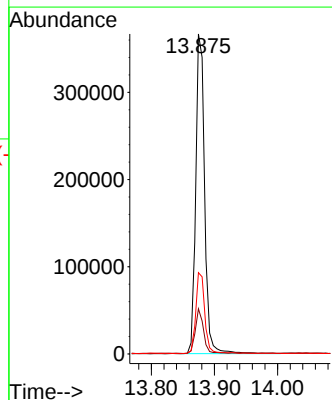
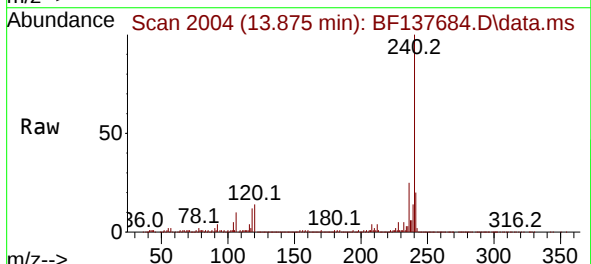
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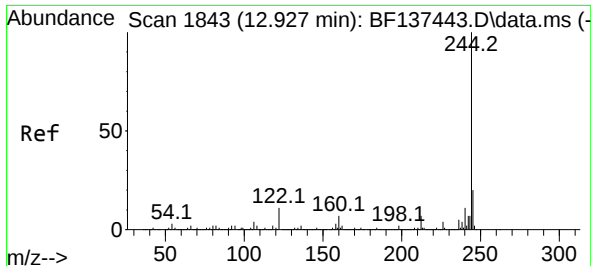
Tgt Ion:202 Resp: 72085
Ion Ratio Lower Upper
202 100
101 16.0 0.0 35.0
203 17.4 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.875 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BF137684.D
Acq: 22 Mar 2024 16:26

Tgt Ion:240 Resp: 358691
Ion Ratio Lower Upper
240 100
120 14.1 10.4 15.6
236 25.4 20.9 31.3

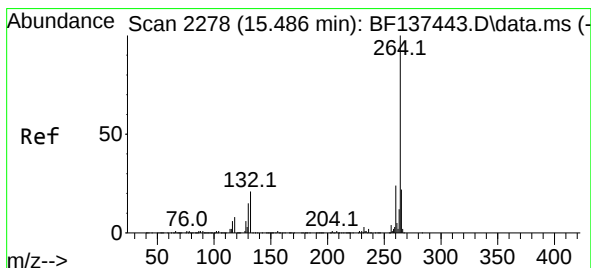
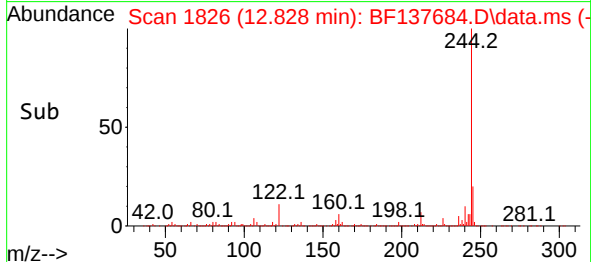
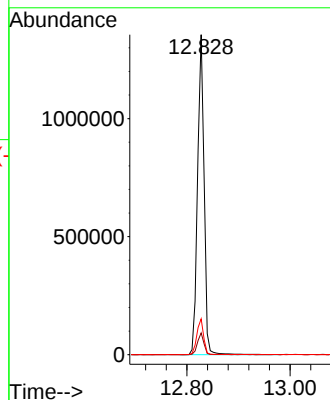
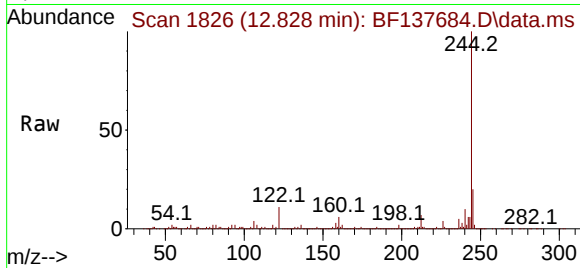




#79
 Terphenyl-d14
 Concen: 45.648 ng
 RT: 12.828 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF137684.D
 Acq: 22 Mar 2024 16:26

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-031224

Tgt Ion:244 Resp: 1190717
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.2 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. 0.006 min
 Lab File: BF137684.D
 Acq: 22 Mar 2024 16:26

Tgt Ion:264 Resp: 323976
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.3 28.9
 265 21.6 17.4 26.0

