

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
Data File : BF137659.D
Acq On : 21 Mar 2024 14:16
Operator : CG\JU
Sample : PB159682BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB159682BL

Quant Time: Mar 21 15:04:09 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	228029	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	887480	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	472927	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	821502	20.000	ng	0.00
76) Chrysene-d12	13.874	240	513318	20.000	ng	0.00
86) Perylene-d12	15.304	264	453295	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1724414	114.533	ng	0.02
7) Phenol-d6	6.369	99	2307668	106.183	ng	0.00
23) Nitrobenzene-d5	7.292	82	1453949	76.122	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	560400	134.935	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2374136	78.583	ng	0.00
79) Terphenyl-d14	12.833	244	2617341	70.115	ng	0.00

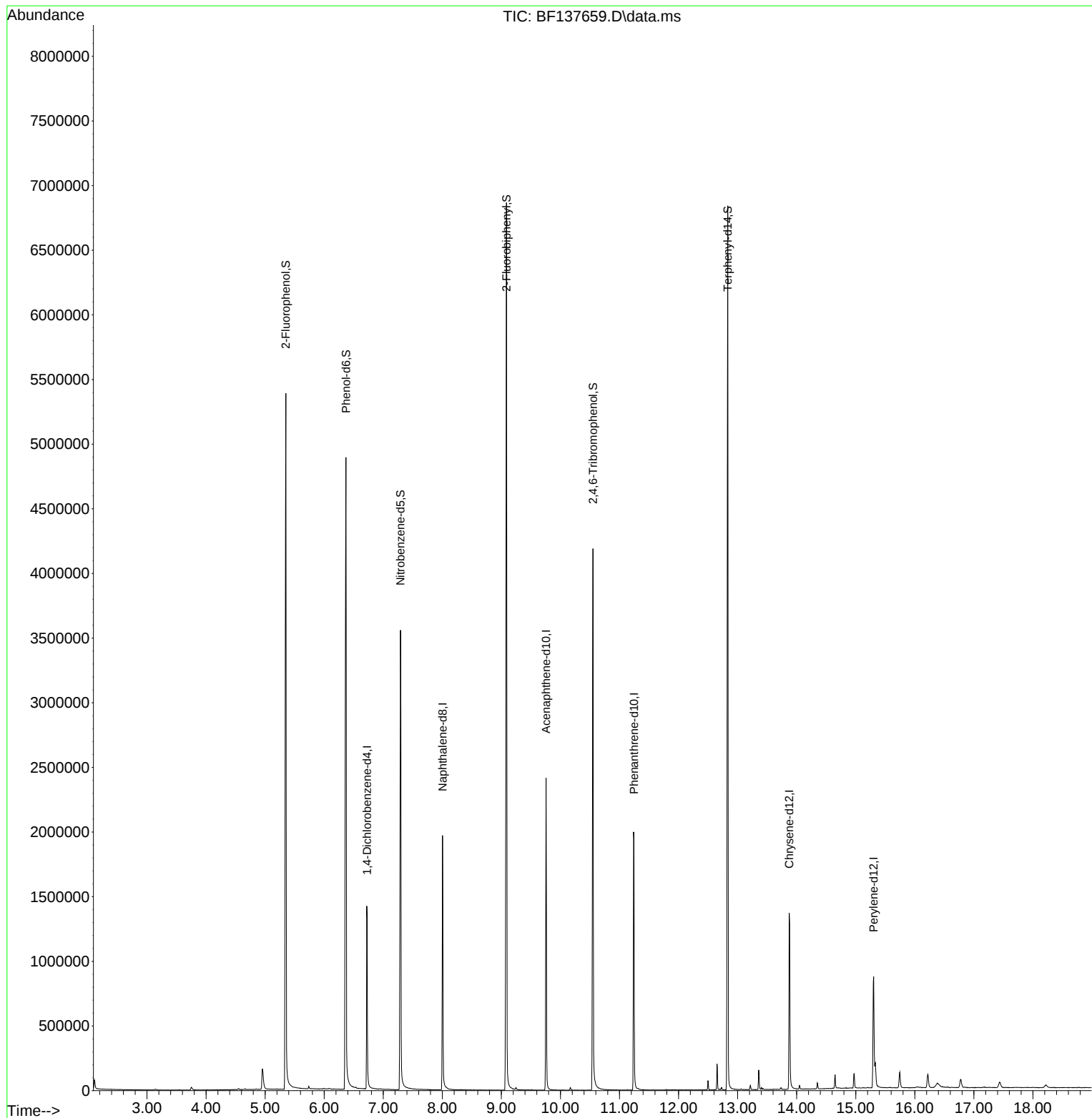
Target Compounds	Qvalue

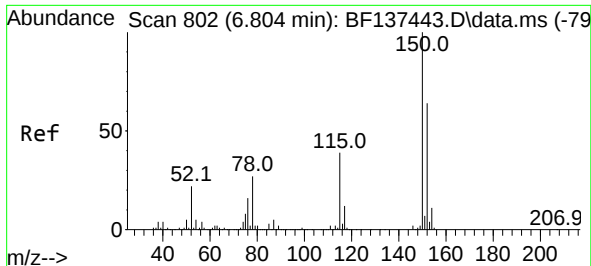
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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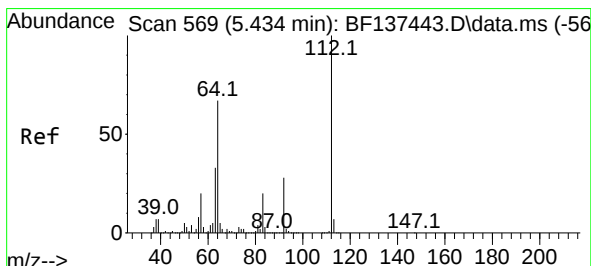
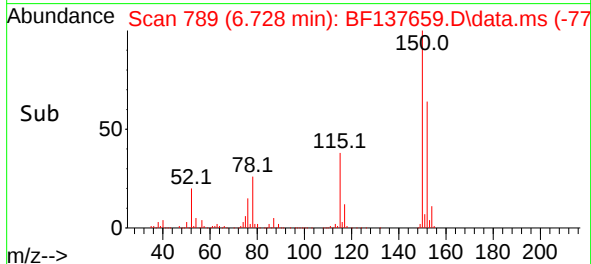
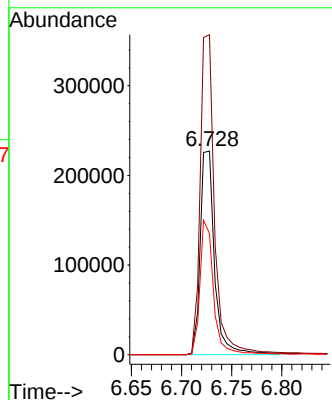
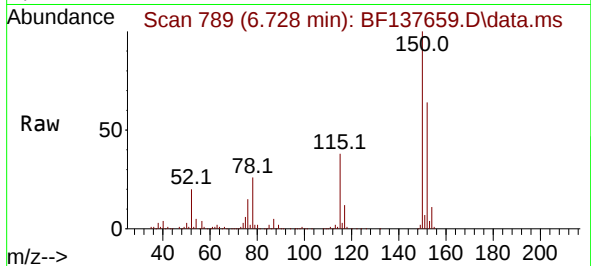




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF137659.D
 Acq: 21 Mar 2024 14:16

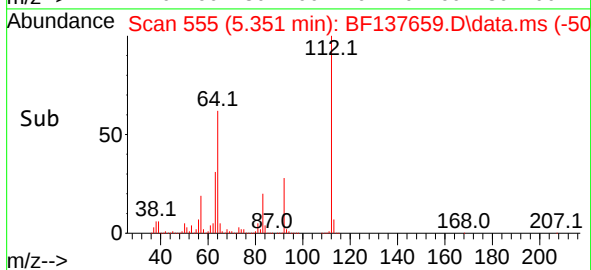
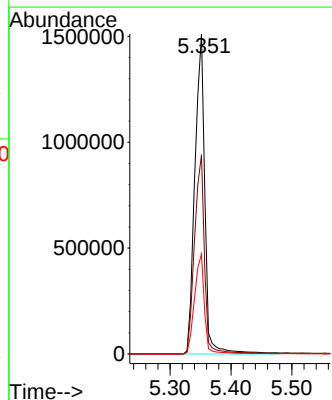
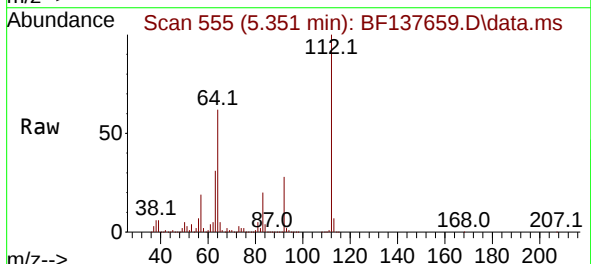
Instrument :
 BNA_F
 ClientSampleId :
 PB159682BL

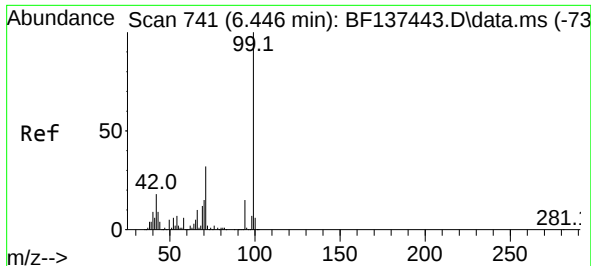
Tgt Ion:152 Resp: 228029
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.8 188.6
 115 59.5 48.8 73.2



#5
 2-Fluorophenol
 Concen: 114.533 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.018 min
 Lab File: BF137659.D
 Acq: 21 Mar 2024 14:16

Tgt Ion:112 Resp: 1724414
 Ion Ratio Lower Upper
 112 100
 64 62.2 53.4 80.2
 63 31.2 26.2 39.2





#7
Phenol-d6
Concen: 106.183 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137659.D
Acq: 21 Mar 2024 14:16

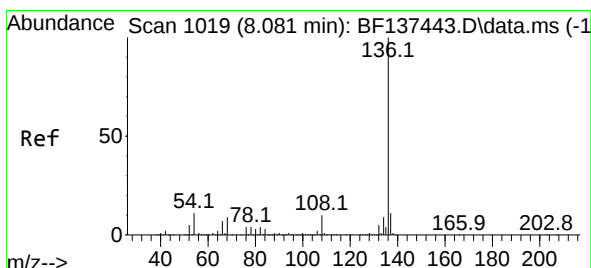
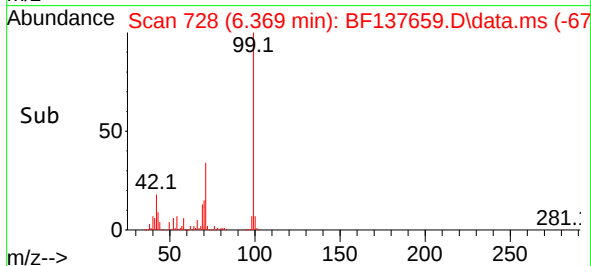
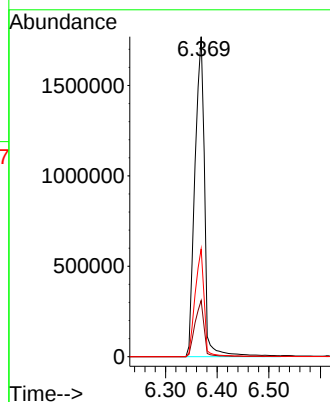
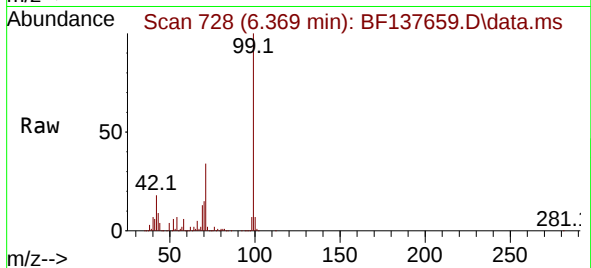
Instrument :

BNA_F

ClientSampleId :

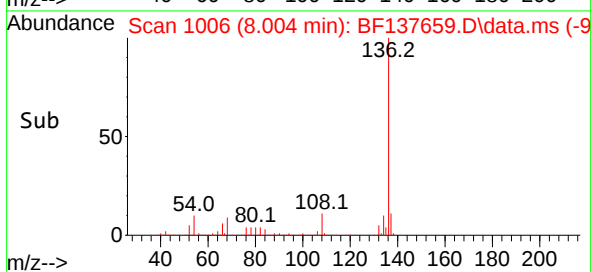
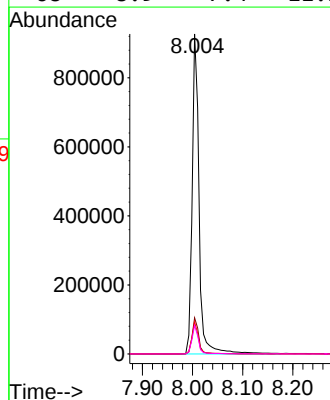
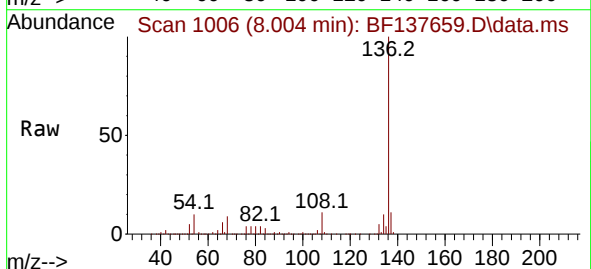
PB159682BL

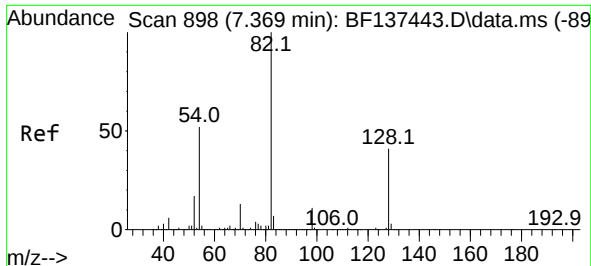
Tgt Ion: 99 Resp: 2307668
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 33.6 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137659.D
Acq: 21 Mar 2024 14:16

Tgt Ion:136 Resp: 887480
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.0 8.5 12.7
68 8.9 7.4 11.2





#23

Nitrobenzene-d5

Concen: 76.122 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137659.D

Acq: 21 Mar 2024 14:16

Instrument :

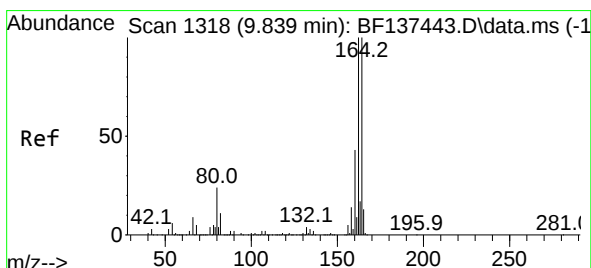
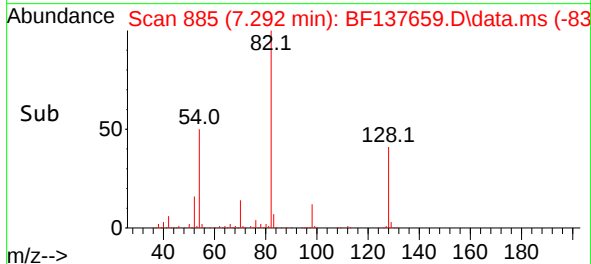
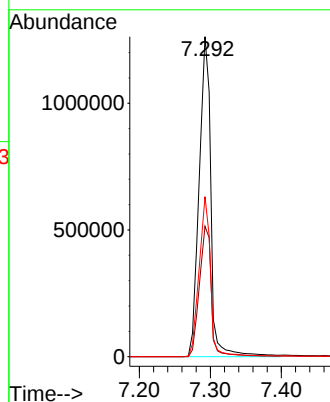
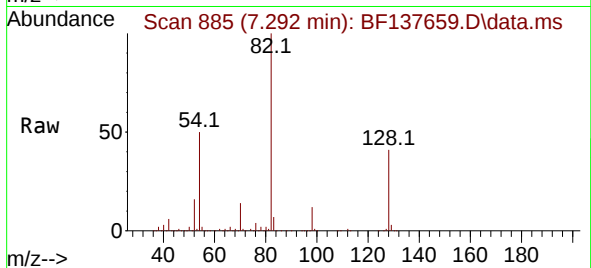
BNA_F

ClientSampleId :

PB159682BL

Tgt Ion: 82 Resp: 1453949

Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.5	48.7
54	50.0	41.5	62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

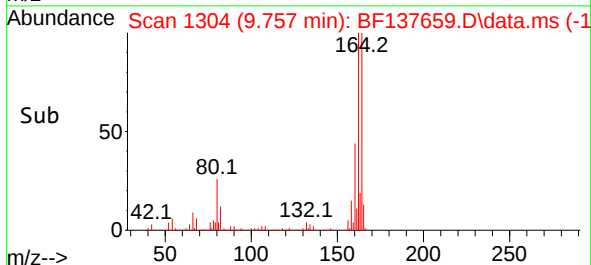
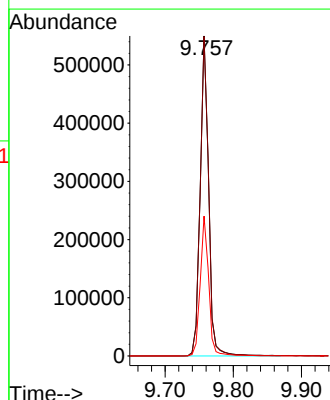
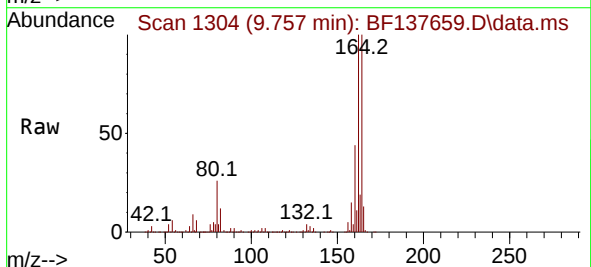
Delta R.T. -0.006 min

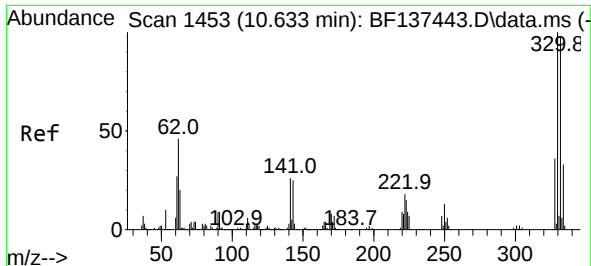
Lab File: BF137659.D

Acq: 21 Mar 2024 14:16

Tgt Ion: 164 Resp: 472927

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.8	119.8
160	43.7	34.4	51.6





#42

2,4,6-Tribromophenol

Concen: 134.935 ng

RT: 10.551 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BF137659.D

Acq: 21 Mar 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB159682BL

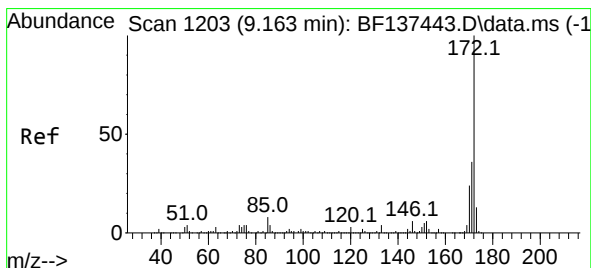
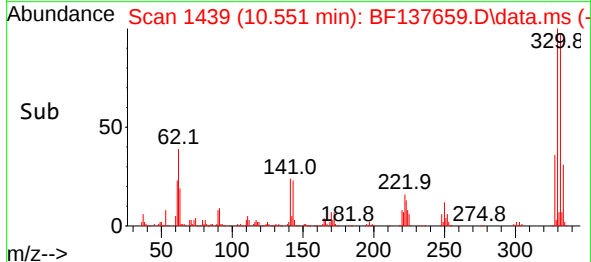
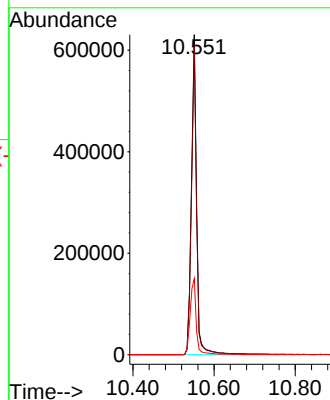
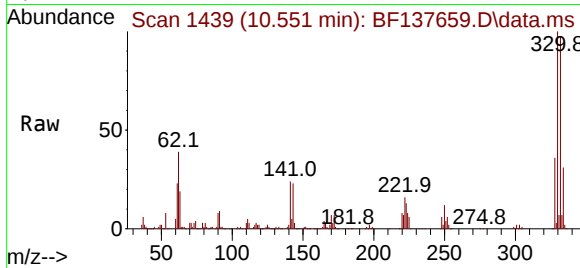
Tgt Ion:330 Resp: 560400

Ion Ratio Lower Upper

330 100

332 94.7 78.0 117.0

141 27.8 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 78.583 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF137659.D

Acq: 21 Mar 2024 14:16

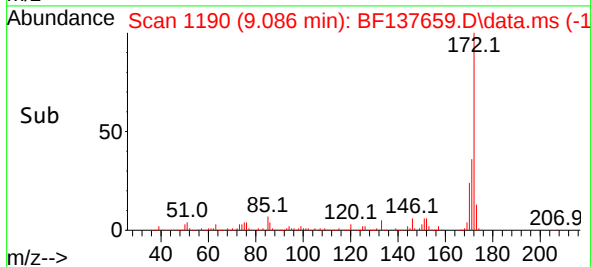
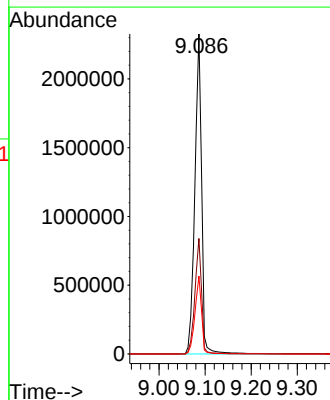
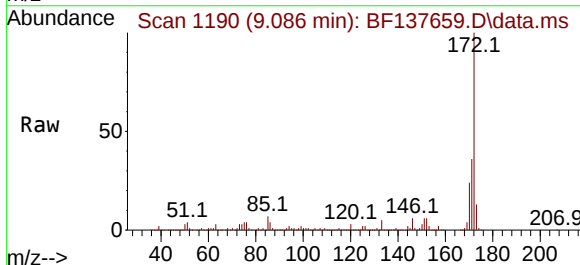
Tgt Ion:172 Resp: 2374136

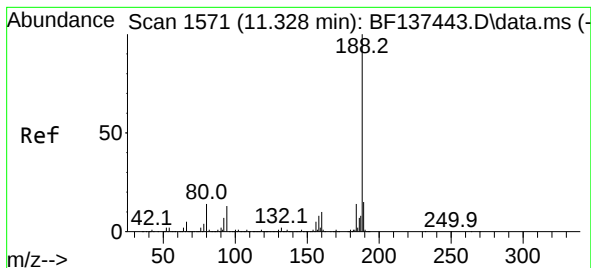
Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 24.3 19.0 28.6

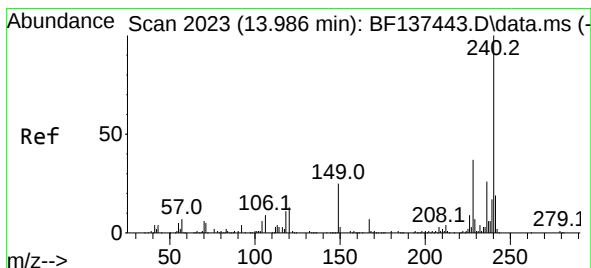
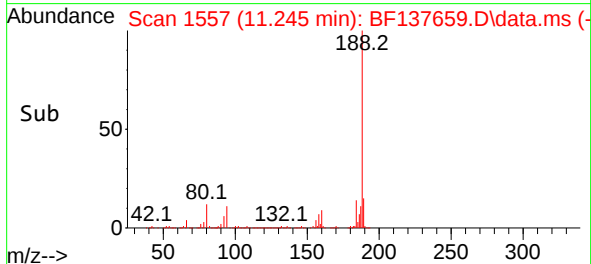
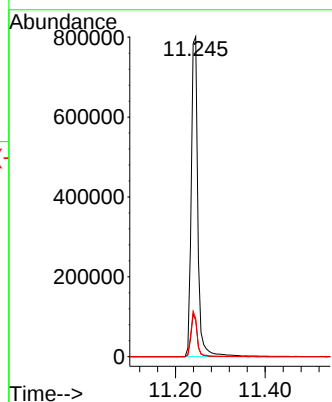
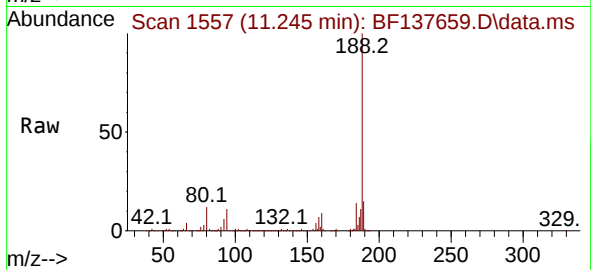




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137659.D
Acq: 21 Mar 2024 14:16

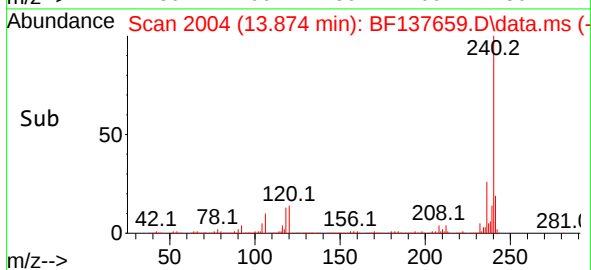
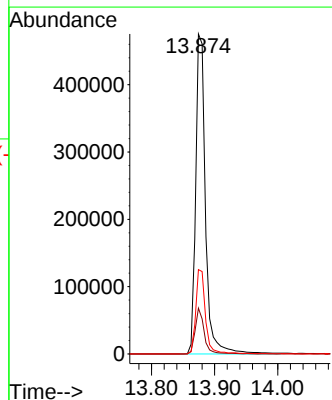
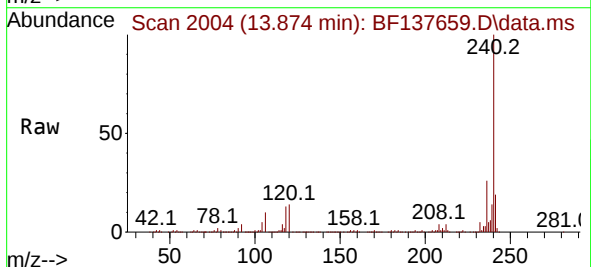
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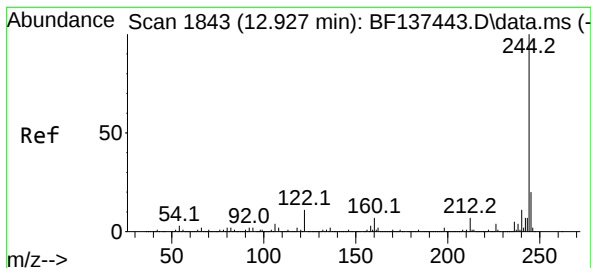
Tgt Ion:188 Resp: 821502
Ion Ratio Lower Upper
188 100
94 11.4 10.6 15.8
80 12.0 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137659.D
Acq: 21 Mar 2024 14:16

Tgt Ion:240 Resp: 513318
Ion Ratio Lower Upper
240 100
120 14.3 10.4 15.6
236 26.3 20.9 31.3





#79

Terphenyl-d14

Concen: 70.115 ng

RT: 12.833 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BF137659.D

Acq: 21 Mar 2024 14:16

Instrument :

BNA_F

ClientSampleId :

PB159682BL

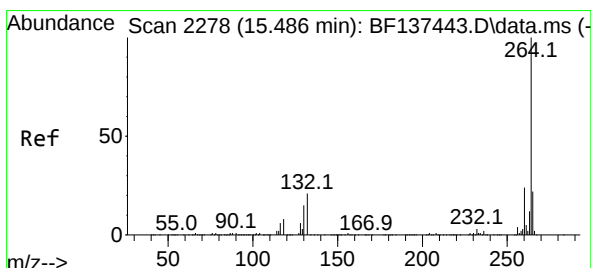
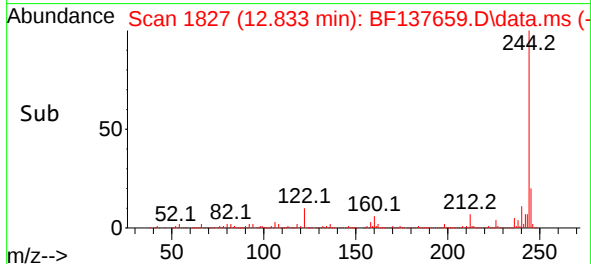
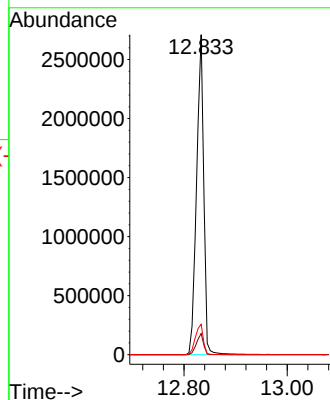
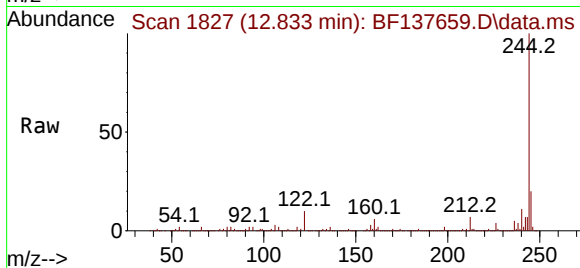
Tgt Ion:244 Resp: 2617341

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 9.5 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: BF137659.D

Acq: 21 Mar 2024 14:16

Tgt Ion:264 Resp: 453295

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 21.3 17.4 26.0

