

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032224\
Data File : BF137678.D
Acq On : 22 Mar 2024 13:09
Operator : CG\JU
Sample : PB159737BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB159737BL

Quant Time: Mar 22 13:29:24 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	223147	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	875292	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	465734	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	785572	20.000	ng	0.00
76) Chrysene-d12	13.874	240	431500	20.000	ng	0.00
86) Perylene-d12	15.304	264	405074	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1715969	116.466	ng	0.02
7) Phenol-d6	6.369	99	2285682	107.473	ng	0.00
23) Nitrobenzene-d5	7.292	82	1449652	76.953	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	518156	126.690	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2373551	79.777	ng	0.00
79) Terphenyl-d14	12.833	244	2312493	73.695	ng	0.00

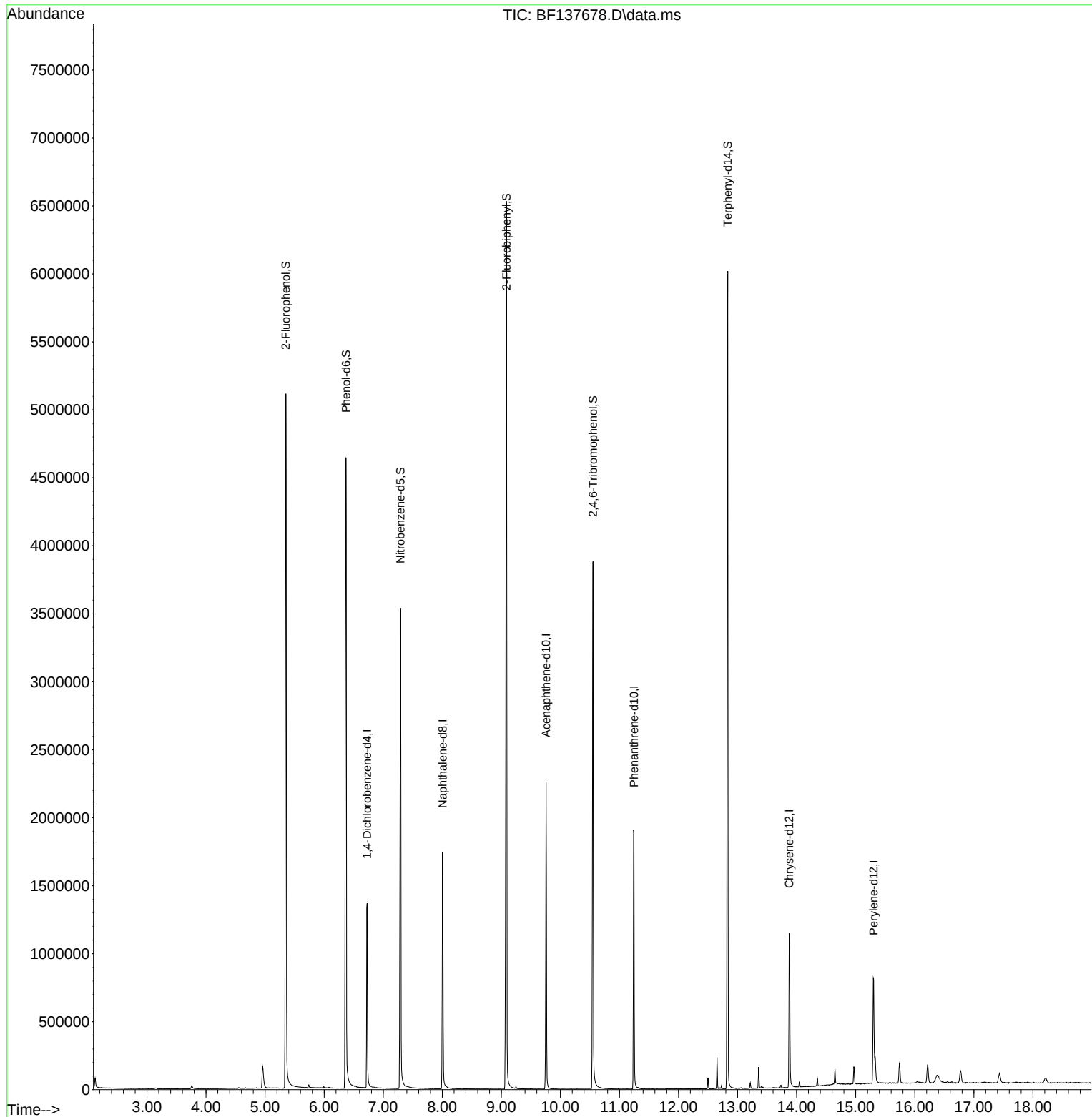
Target Compounds	Qvalue

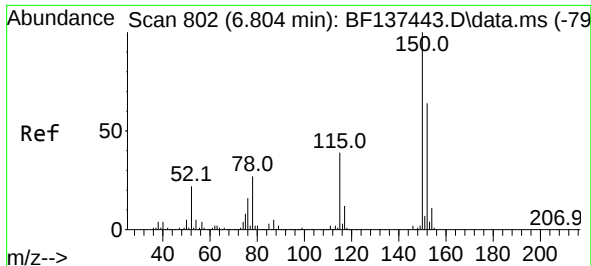
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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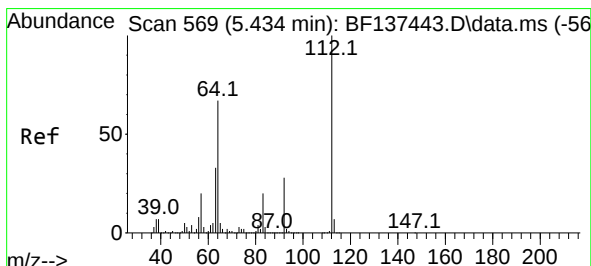
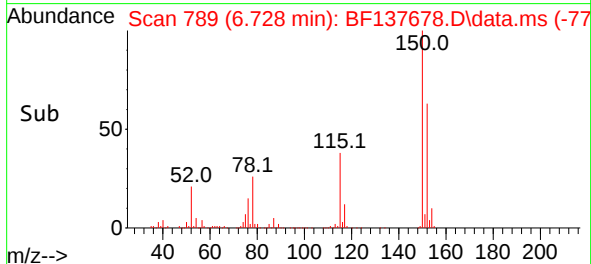
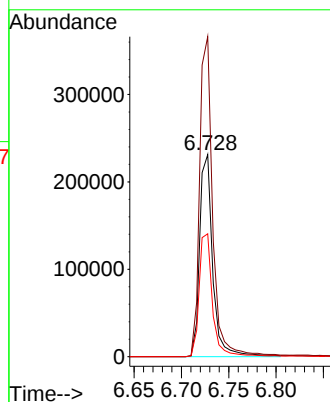
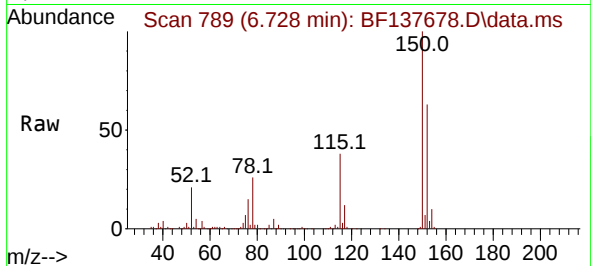




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137678.D
Acq: 22 Mar 2024 13:09

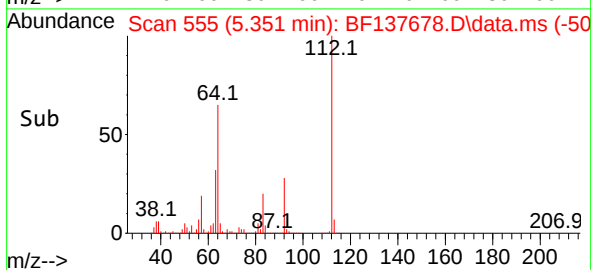
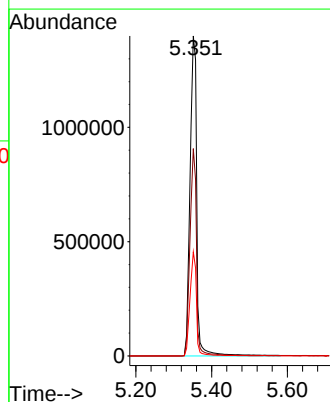
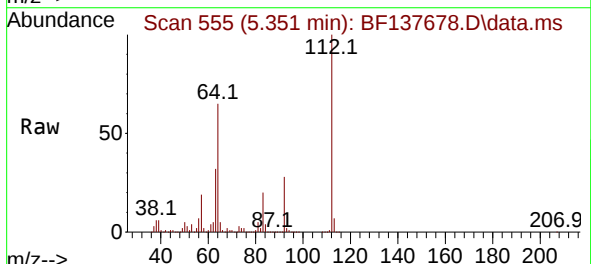
Instrument :
BNA_F
ClientSampleId :
PB159737BL

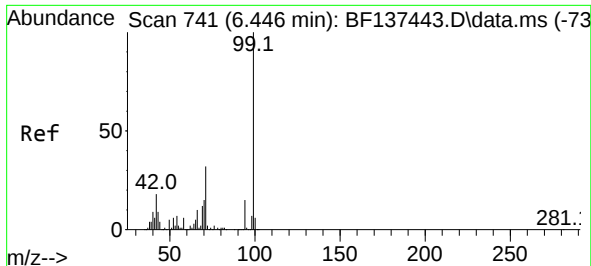
Tgt Ion:152 Resp: 223147
Ion Ratio Lower Upper
152 100
150 158.3 125.8 188.6
115 60.8 48.8 73.2



#5
2-Fluorophenol
Concen: 116.466 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF137678.D
Acq: 22 Mar 2024 13:09

Tgt Ion:112 Resp: 1715969
Ion Ratio Lower Upper
112 100
64 64.8 53.4 80.2
63 32.5 26.2 39.2

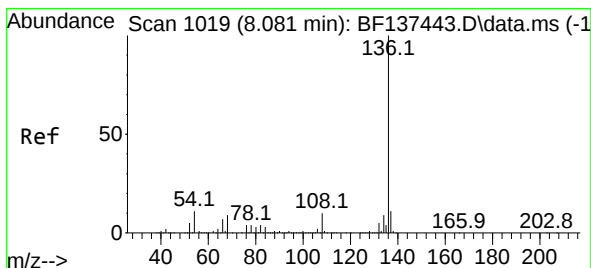
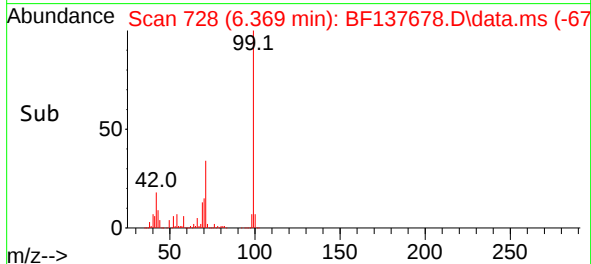
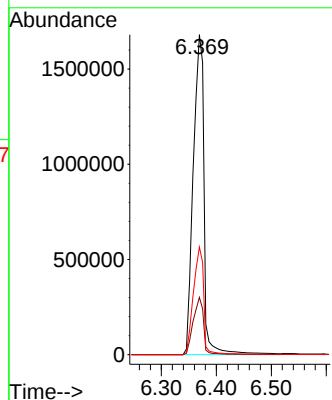
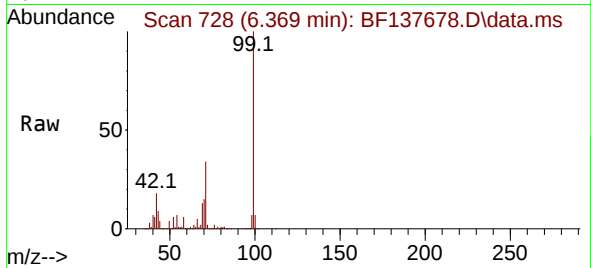




#7
Phenol-d6
Concen: 107.473 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137678.D
Acq: 22 Mar 2024 13:09

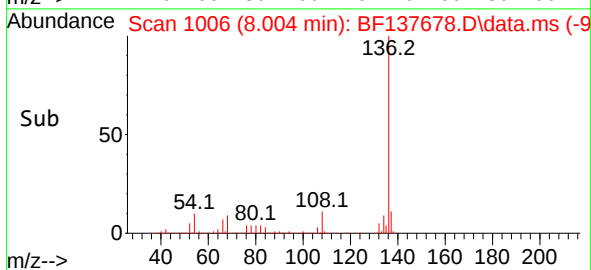
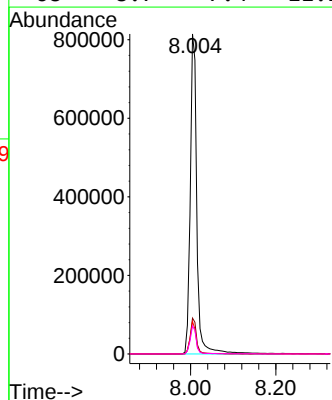
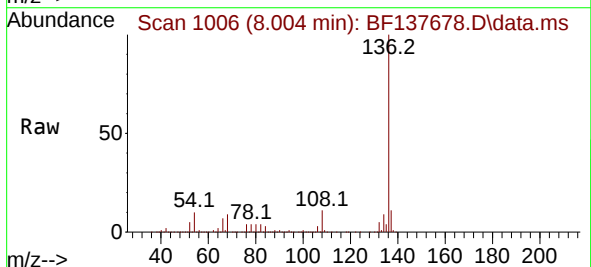
Instrument :
BNA_F
ClientSampleId :
PB159737BL

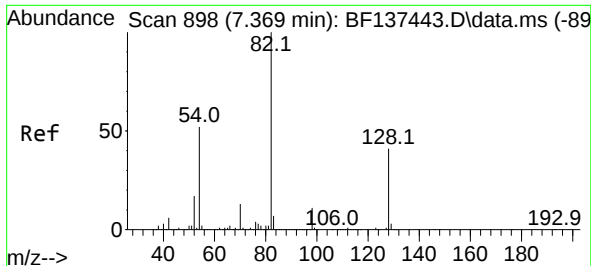
Tgt Ion: 99 Resp: 2285682
Ion Ratio Lower Upper
99 100
42 17.9 14.6 21.8
71 33.7 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137678.D
Acq: 22 Mar 2024 13:09

Tgt Ion:136 Resp: 875292
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 10.2 8.5 12.7
68 8.7 7.4 11.2





#23

Nitrobenzene-d5

Concen: 76.953 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137678.D

Acq: 22 Mar 2024 13:09

Instrument :

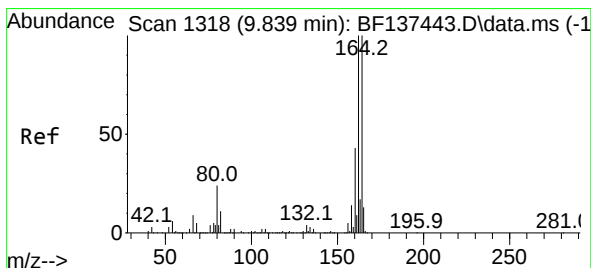
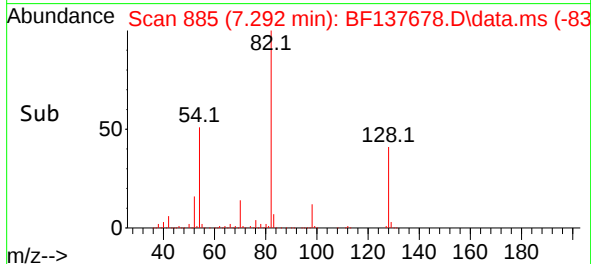
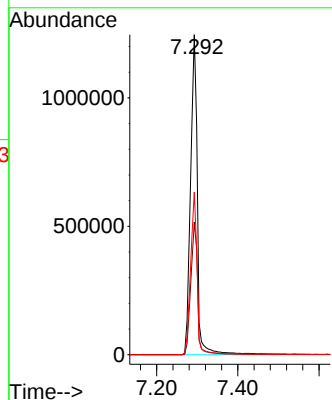
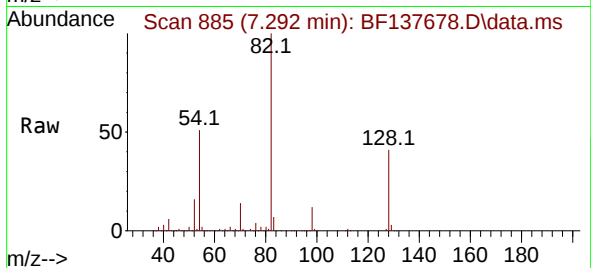
BNA_F

ClientSampleId :

PB159737BL

Tgt Ion: 82 Resp: 1449652

Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.5	48.7
54	50.9	41.5	62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

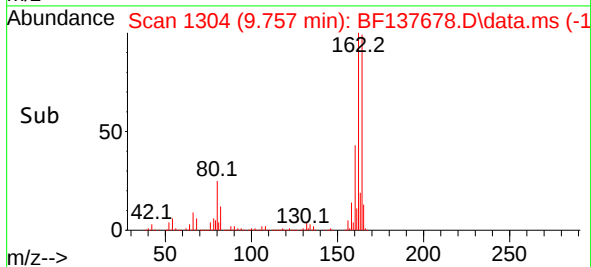
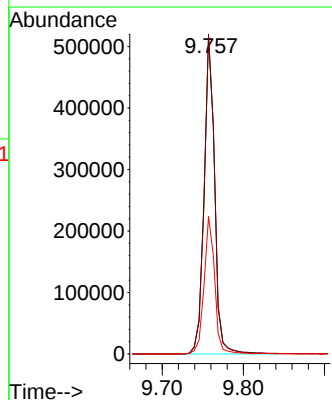
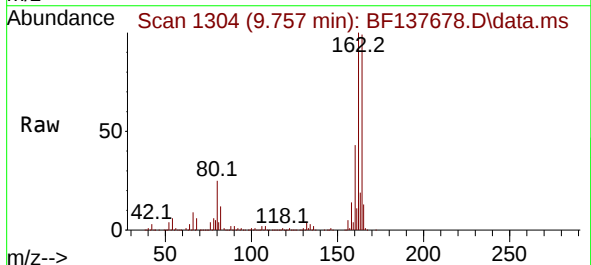
Delta R.T. -0.006 min

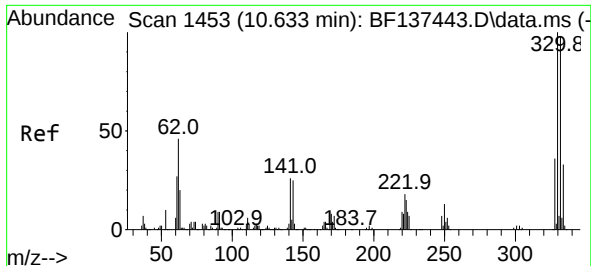
Lab File: BF137678.D

Acq: 22 Mar 2024 13:09

Tgt Ion: 164 Resp: 465734

Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.8	119.8
160	43.3	34.4	51.6

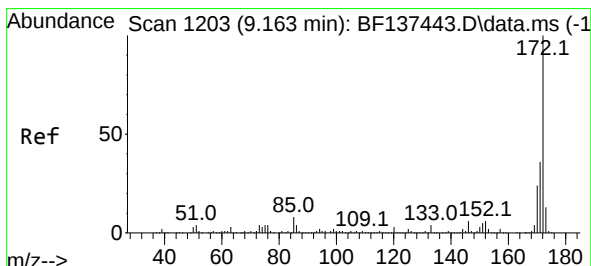
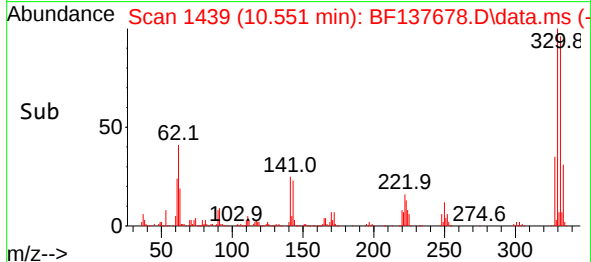
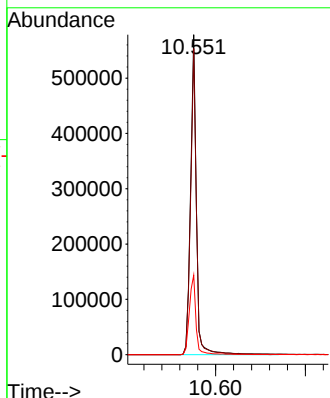
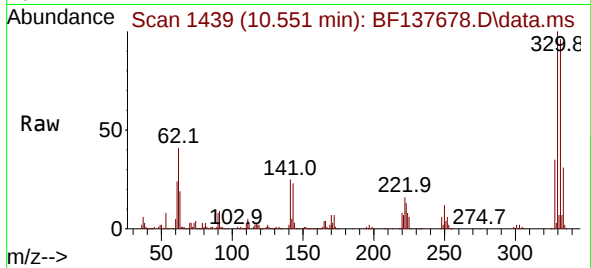




#42
2,4,6-Tribromophenol
Concen: 126.690 ng
RT: 10.551 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF137678.D
Acq: 22 Mar 2024 13:09

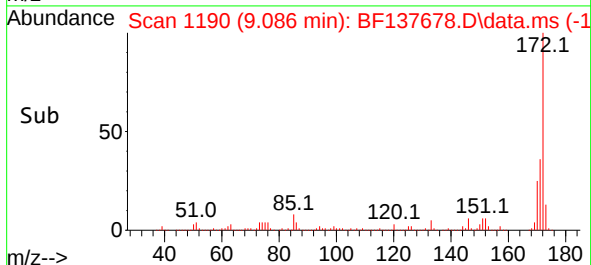
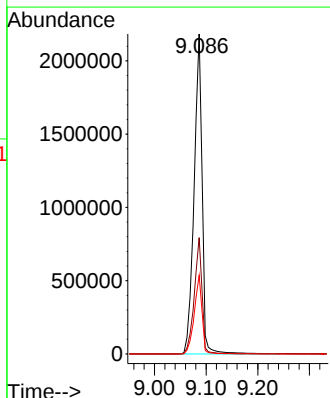
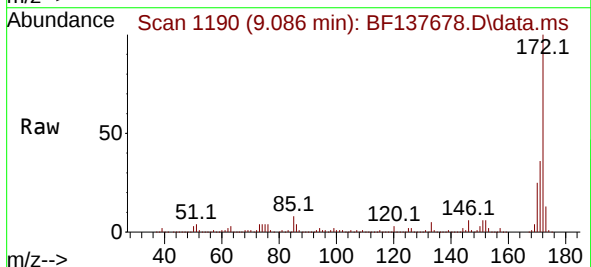
Instrument :
BNA_F
ClientSampleId :
PB159737BL

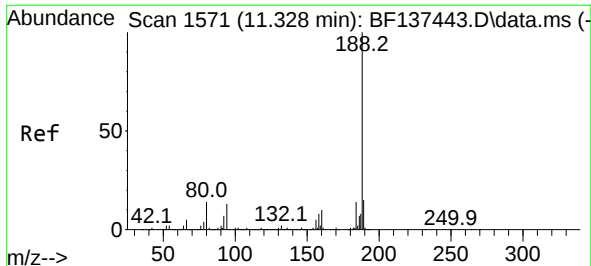
Tgt Ion:330 Resp: 518156
Ion Ratio Lower Upper
330 100
332 96.4 78.0 117.0
141 28.7 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 79.777 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF137678.D
Acq: 22 Mar 2024 13:09

Tgt Ion:172 Resp: 2373551
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 24.5 19.0 28.6

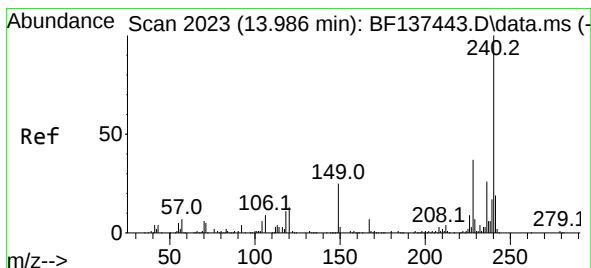
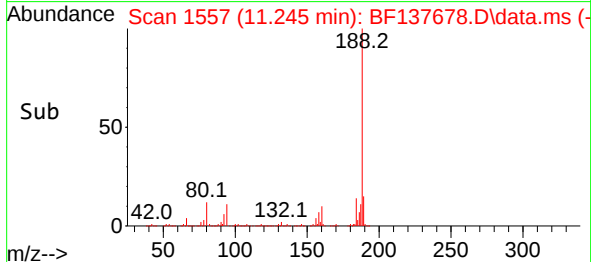
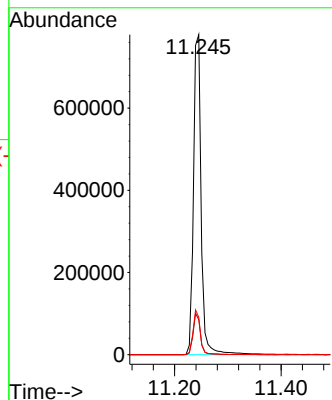
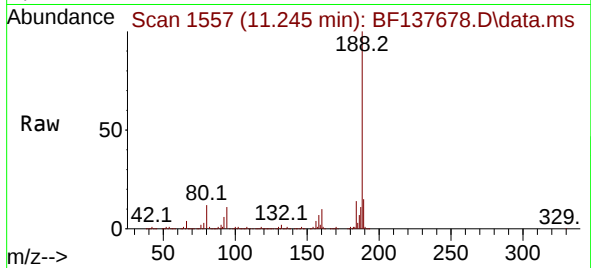




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137678.D
Acq: 22 Mar 2024 13:09

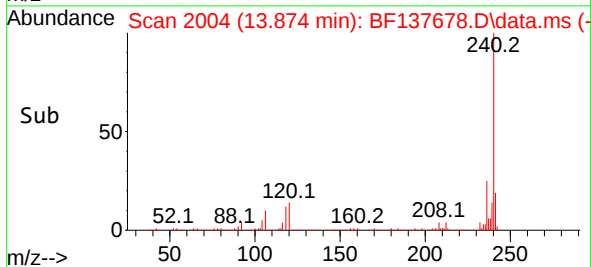
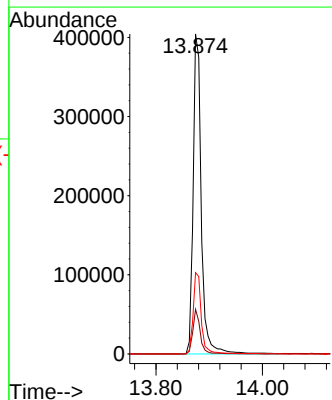
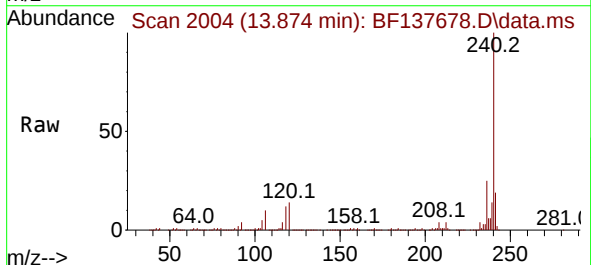
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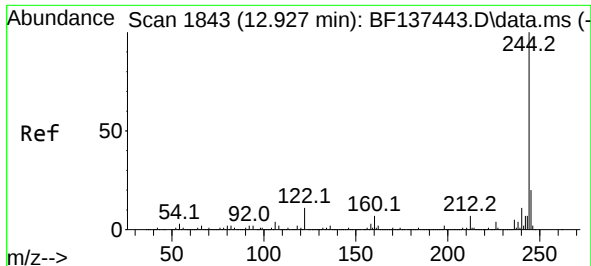
Tgt Ion:188 Resp: 785572
Ion Ratio Lower Upper
188 100
94 11.0 10.6 15.8
80 11.7 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137678.D
Acq: 22 Mar 2024 13:09

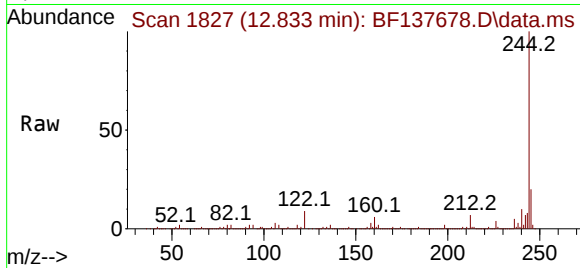
Tgt Ion:240 Resp: 431500
Ion Ratio Lower Upper
240 100
120 13.9 10.4 15.6
236 25.4 20.9 31.3



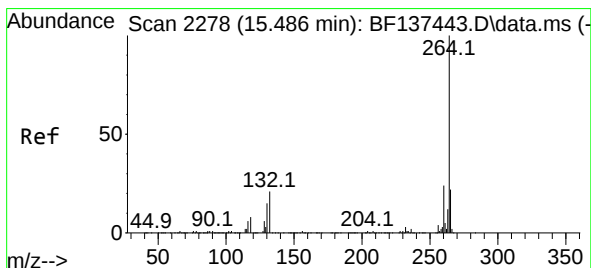
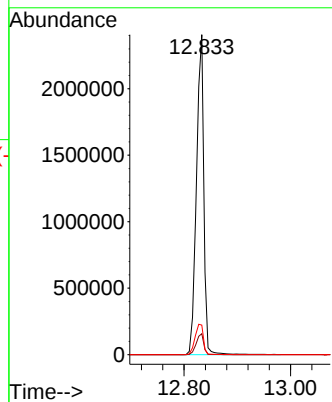
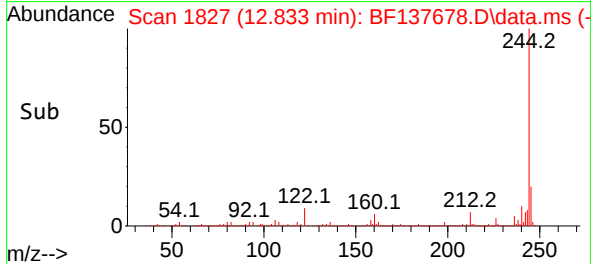


#79
 Terphenyl-d14
 Concen: 73.695 ng
 RT: 12.833 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF137678.D
 Acq: 22 Mar 2024 13:09

Instrument :
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Tgt Ion:244 Resp: 2312493
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 9.3 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: BF137678.D
 Acq: 22 Mar 2024 13:09

Tgt Ion:264 Resp: 405074
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 21.0 17.4 26.0

