

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030224\
Data File : BF137470.D
Acq On : 02 Mar 2024 13:23
Operator : CG\JU
Sample : PB159386BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB159386BL

Quant Time: Mar 04 00:31:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 00:26:53 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	248582	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	988552	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	543855	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	1030862	20.000	ng	0.00
76) Chrysene-d12	14.045	240	724156	20.000	ng	0.00
86) Perylene-d12	15.568	264	553261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1874971	114.237	ng	0.01
7) Phenol-d6	6.504	99	2564960	108.264	ng	0.00
23) Nitrobenzene-d5	7.422	82	1643942	77.269	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	636675	133.307	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2596041	74.721	ng	0.00
79) Terphenyl-d14	12.992	244	3427008	65.076	ng	0.00

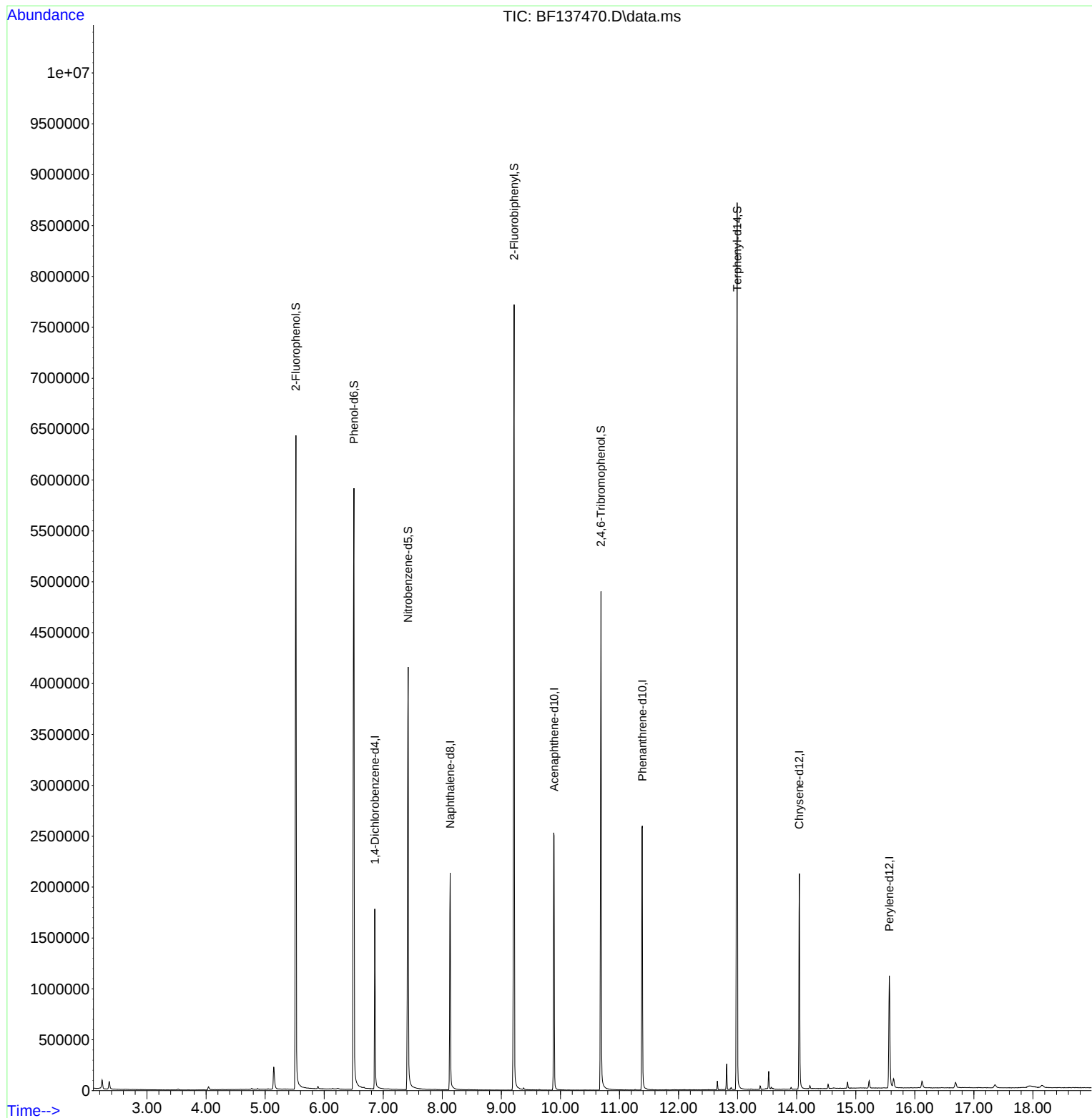
Target Compounds	Qvalue
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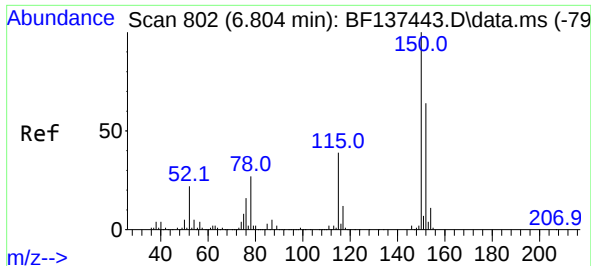
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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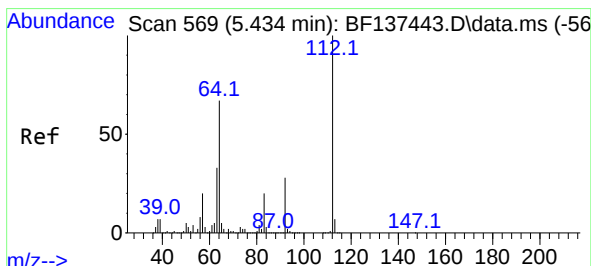
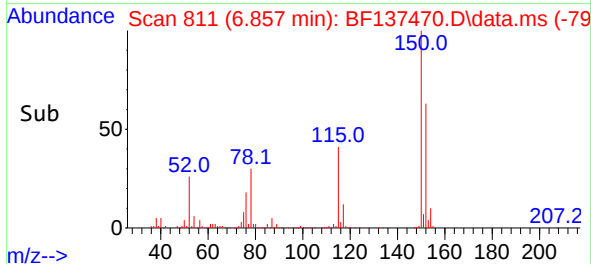
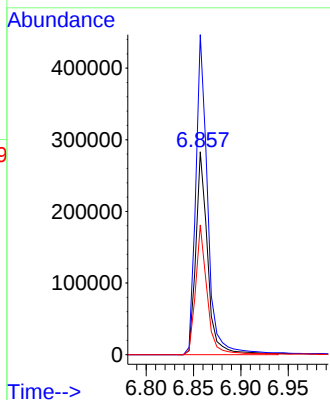
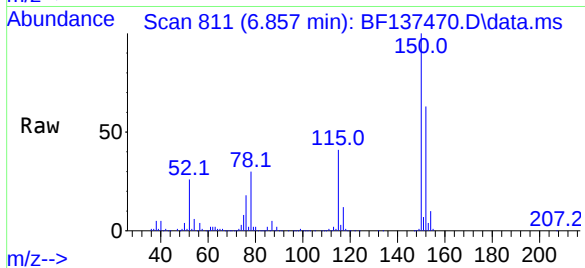




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137470.D
Acq: 02 Mar 2024 13:23

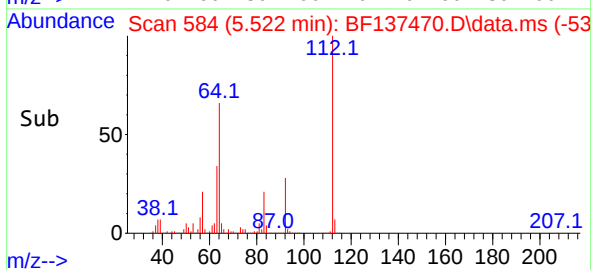
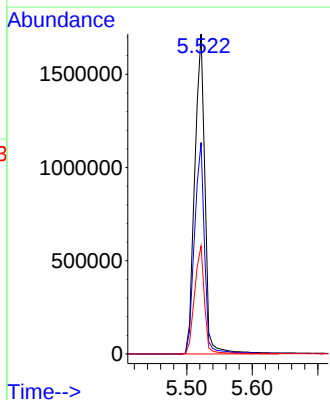
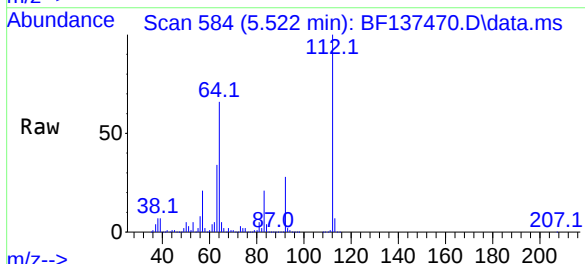
Instrument :
BNA_F
ClientSampleId :
PB159386BL

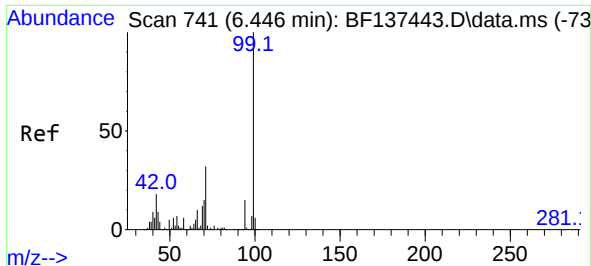
Tgt Ion:152 Resp: 248582
Ion Ratio Lower Upper
152 100
150 157.8 125.8 188.6
115 64.0 48.8 73.2



#5
2-Fluorophenol
Concen: 114.237 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF137470.D
Acq: 02 Mar 2024 13:23

Tgt Ion:112 Resp: 1874971
Ion Ratio Lower Upper
112 100
64 66.1 53.4 80.2
63 33.7 26.2 39.2

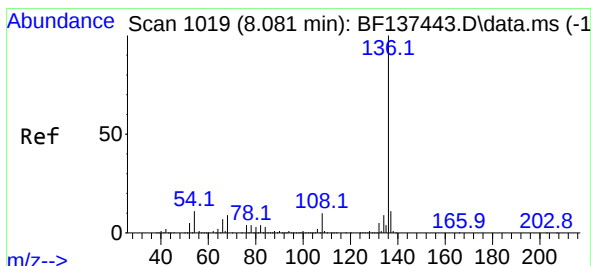
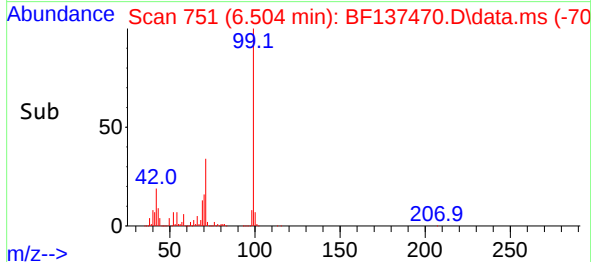
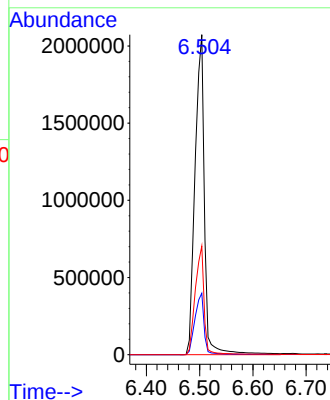
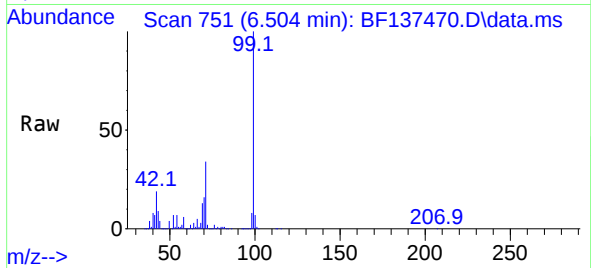




#7
Phenol-d6
Concen: 108.264 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137470.D
Acq: 02 Mar 2024 13:23

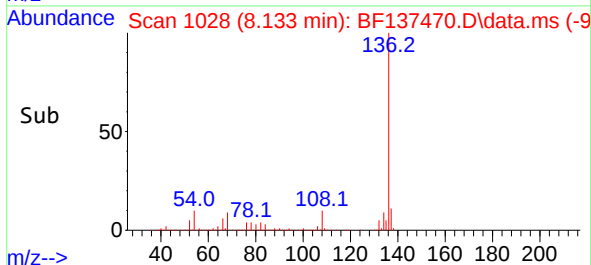
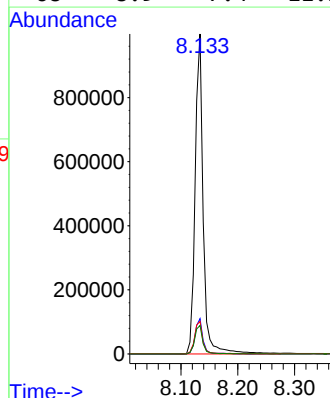
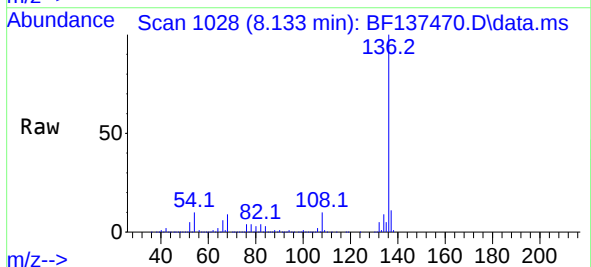
Instrument :
BNA_F
ClientSampleId :
PB159386BL

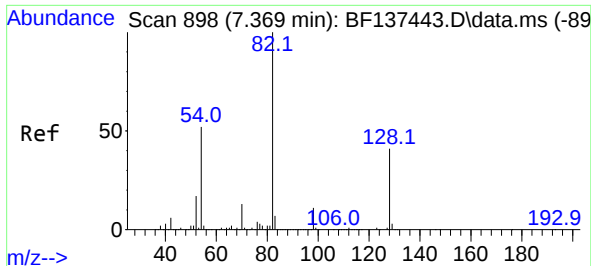
Tgt Ion: 99 Resp: 2564960
Ion Ratio Lower Upper
99 100
42 19.2 14.6 21.8
71 33.9 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF137470.D
Acq: 02 Mar 2024 13:23

Tgt Ion: 136 Resp: 988552
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.1 8.5 12.7
68 8.9 7.4 11.2





#23

Nitrobenzene-d5

Concen: 77.269 ng

RT: 7.422 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF137470.D

Acq: 02 Mar 2024 13:23

Instrument :

BNA_F

ClientSampleId :

PB159386BL

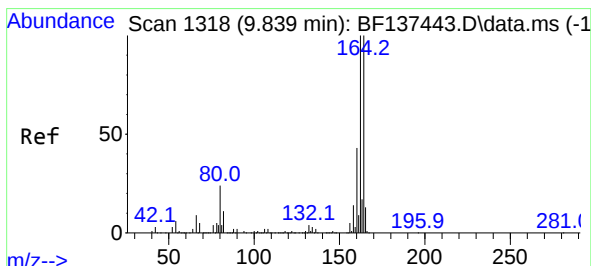
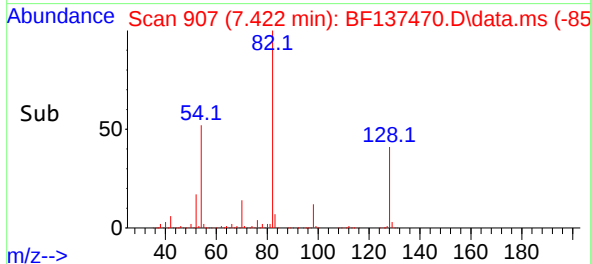
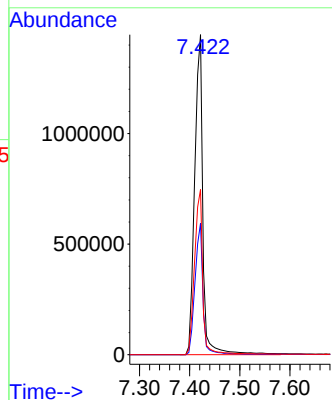
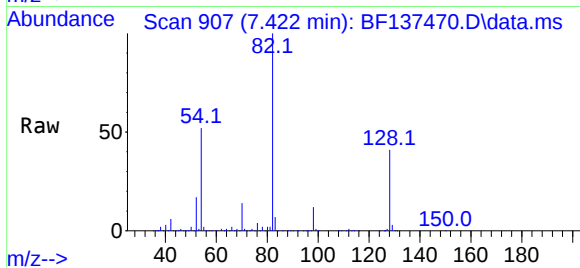
Tgt Ion: 82 Resp: 1643942

Ion Ratio Lower Upper

82 100

128 41.1 32.5 48.7

54 51.6 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.000 min

Lab File: BF137470.D

Acq: 02 Mar 2024 13:23

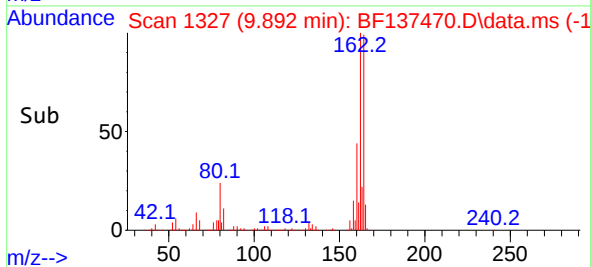
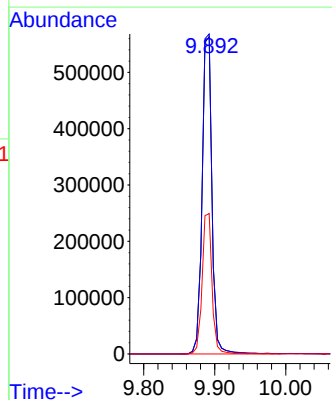
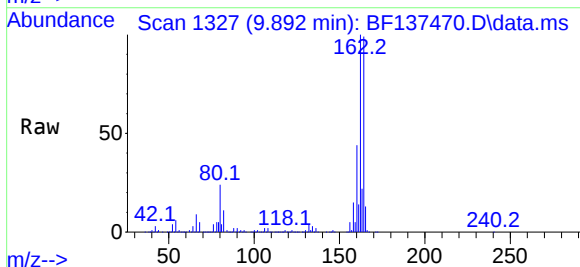
Tgt Ion: 164 Resp: 543855

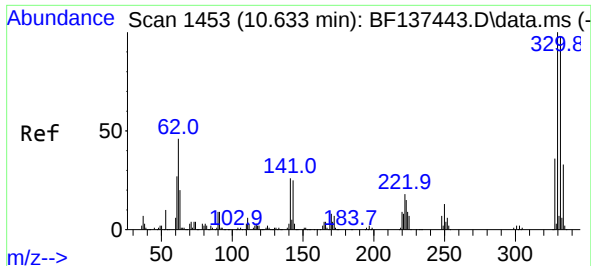
Ion Ratio Lower Upper

164 100

162 100.9 79.8 119.8

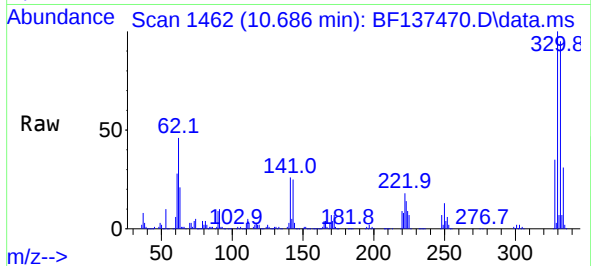
160 44.3 34.4 51.6



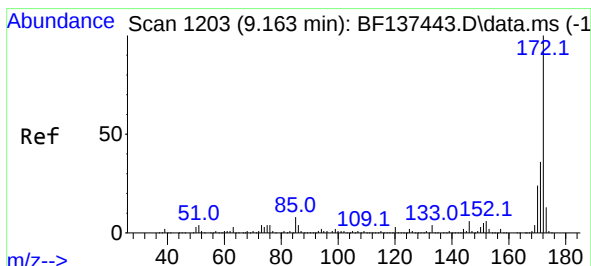
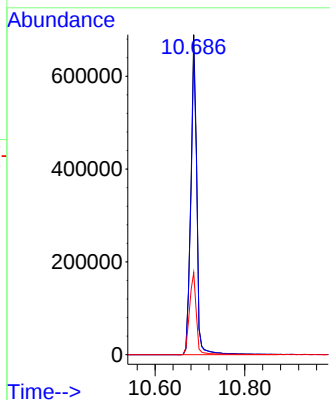
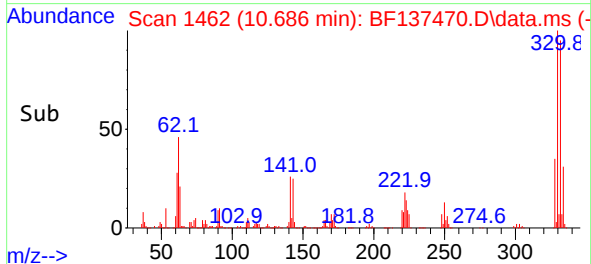


#42
2,4,6-Tribromophenol
Concen: 133.307 ng
RT: 10.686 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137470.D
Acq: 02 Mar 2024 13:23

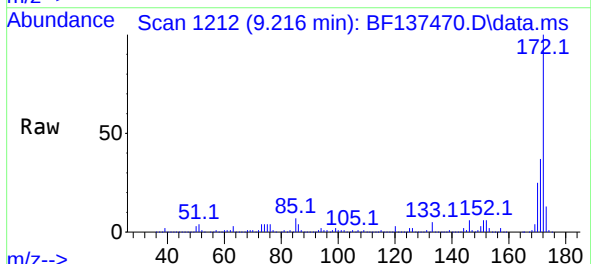
Instrument :
BNA_F
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PB159386BL



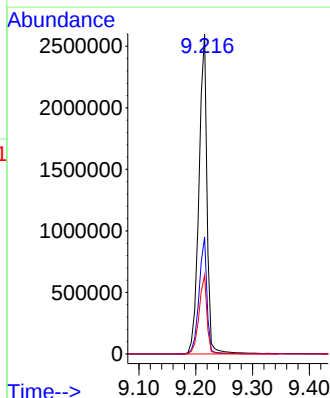
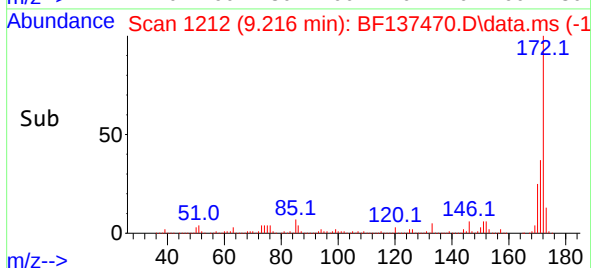
Tgt Ion:330 Resp: 636675
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 29.4 27.3 40.9

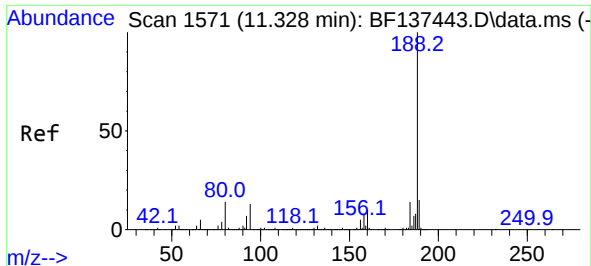


#45
2-Fluorobiphenyl
Concen: 74.721 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF137470.D
Acq: 02 Mar 2024 13:23



Tgt Ion:172 Resp: 2596041
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 24.7 19.0 28.6

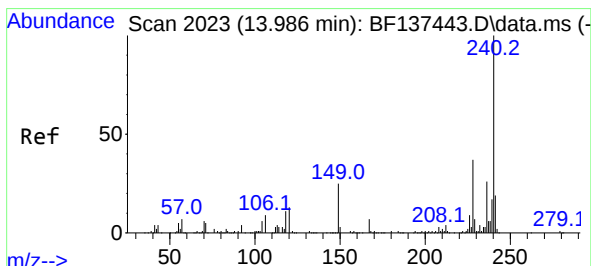
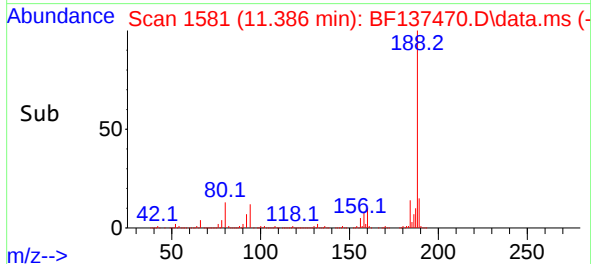
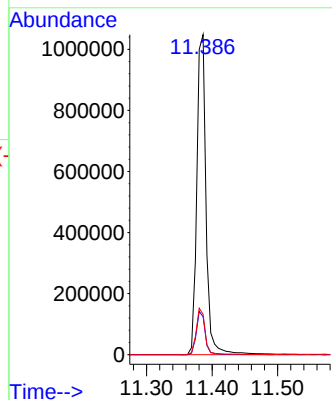
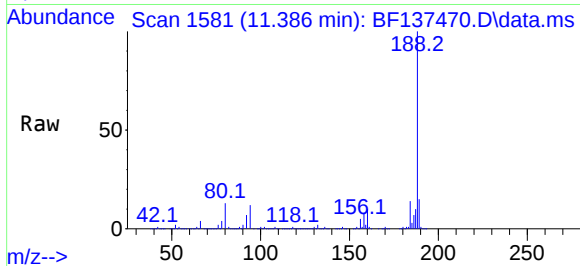




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF137470.D
Acq: 02 Mar 2024 13:23

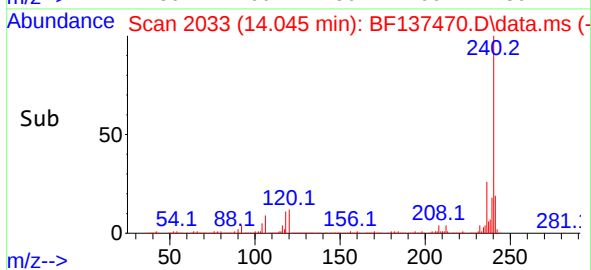
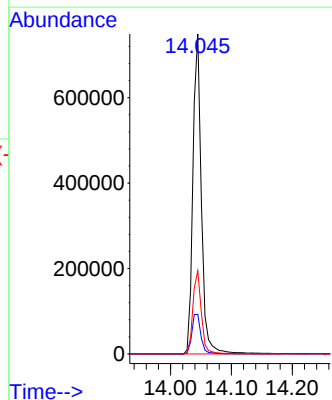
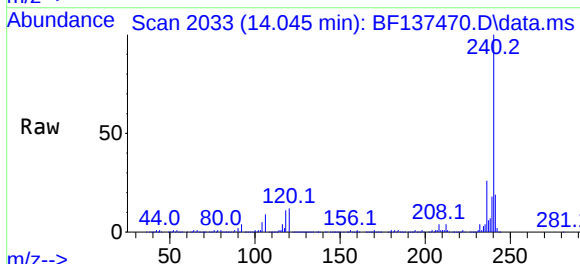
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ClientSampleId :
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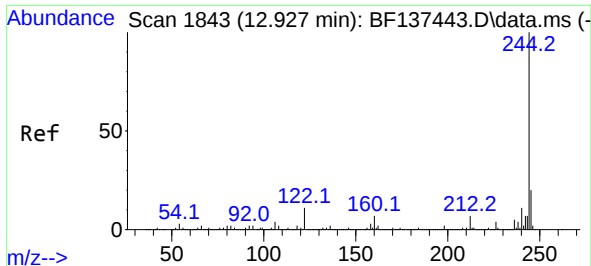
Tgt Ion:188 Resp: 1030862
Ion Ratio Lower Upper
188 100
94 11.9 10.6 15.8
80 12.6 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF137470.D
Acq: 02 Mar 2024 13:23

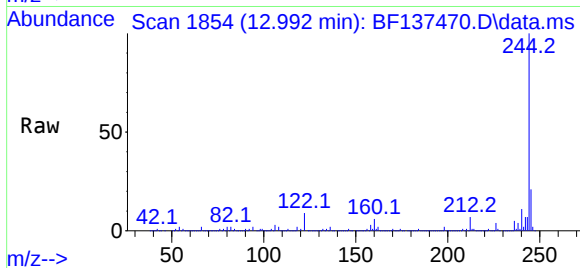
Tgt Ion:240 Resp: 724156
Ion Ratio Lower Upper
240 100
120 12.4 10.4 15.6
236 26.0 20.9 31.3



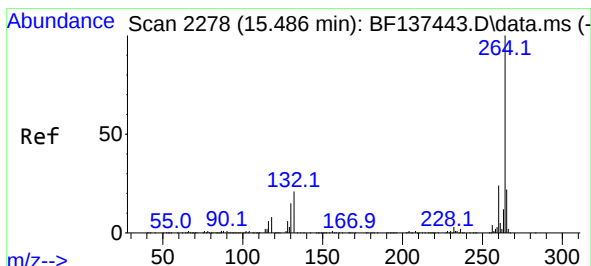
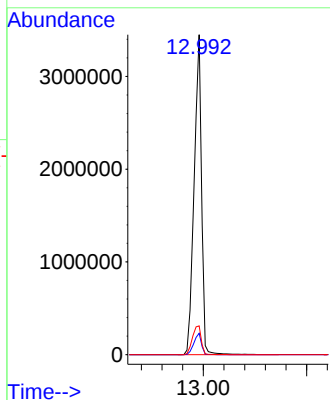
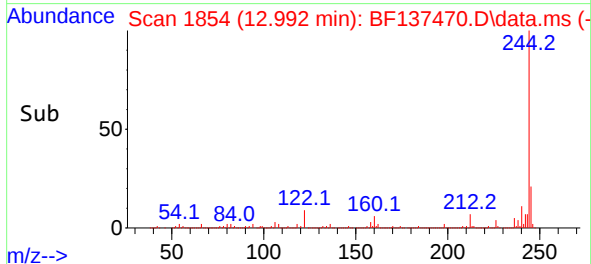


#79
 Terphenyl-d14
 Concen: 65.076 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF137470.D
 Acq: 02 Mar 2024 13:23

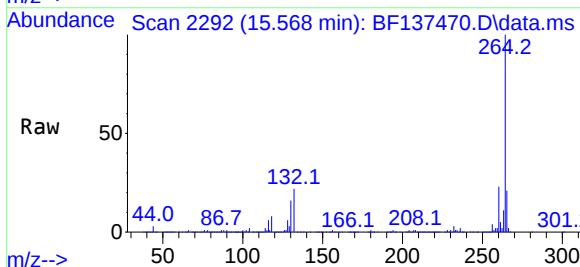
Instrument :
 BNA_F
 ClientSampleId :
 PB159386BL



Tgt Ion:244 Resp: 3427008
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 9.0 9.1 13.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. -0.000 min
 Lab File: BF137470.D
 Acq: 02 Mar 2024 13:23



Tgt Ion:264 Resp: 553261
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 21.4 17.4 26.0

