

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
 Data File : BF137454.D
 Acq On : 01 Mar 2024 12:01
 Operator : CG\JU
 Sample : P1639-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-5

Quant Time: Mar 01 12:59:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 12:53:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	149488	20.000	ng	-0.02
21) Naphthalene-d8	8.140	136	588654	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	314046	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	500570	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	339709	20.000	ng	-0.02
86) Perylene-d12	15.580	264	294932	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	832385	84.333	ng	-0.02
7) Phenol-d6	6.504	99	1140185	80.028	ng	-0.02
23) Nitrobenzene-d5	7.422	82	674452	53.236	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	192491	69.797	ng	-0.02
45) 2-Fluorobiphenyl	9.216	172	1181778	58.906	ng	-0.02
79) Terphenyl-d14	12.992	244	1145656	46.375	ng	-0.02

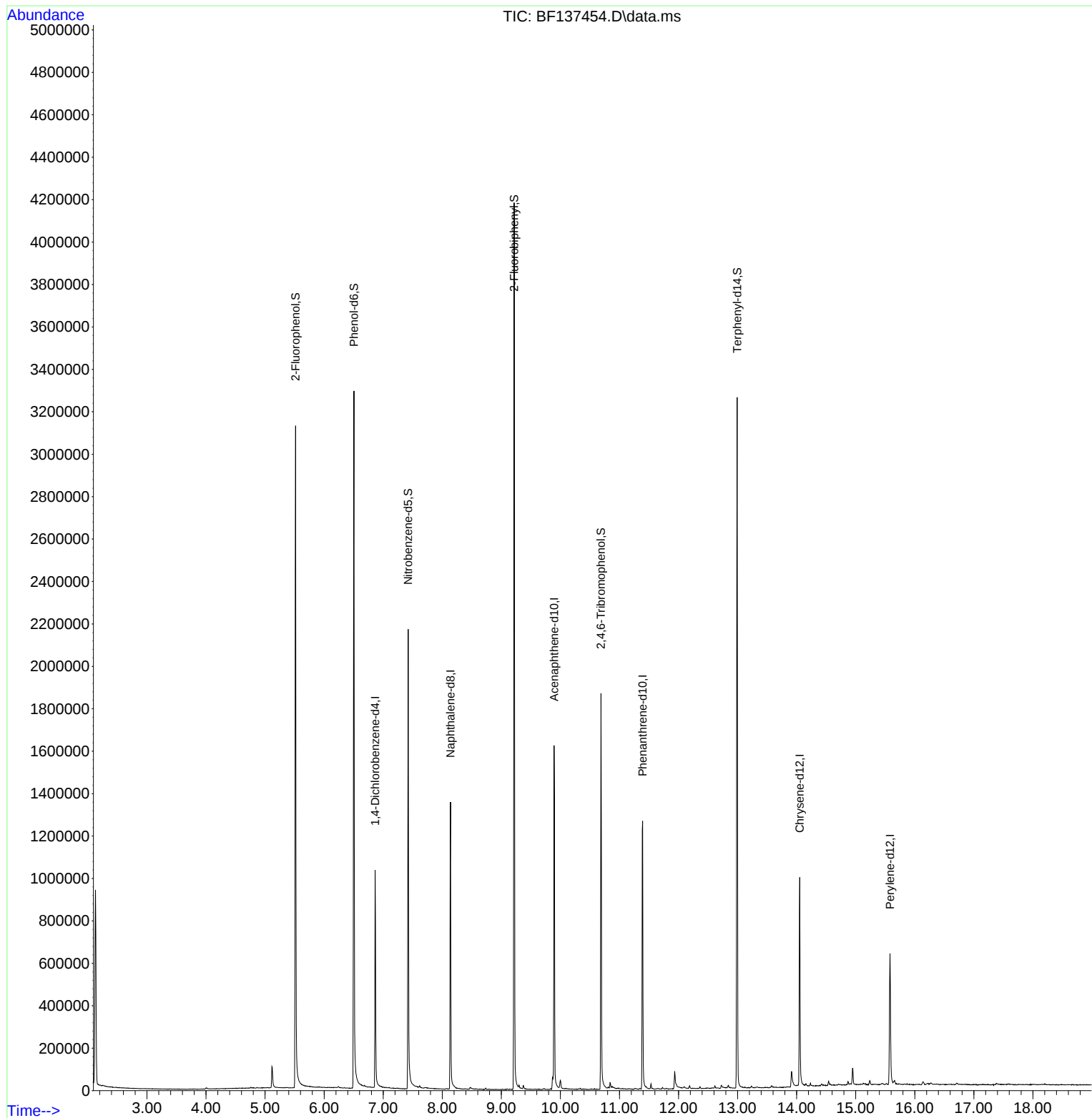
Target Compounds	Qvalue

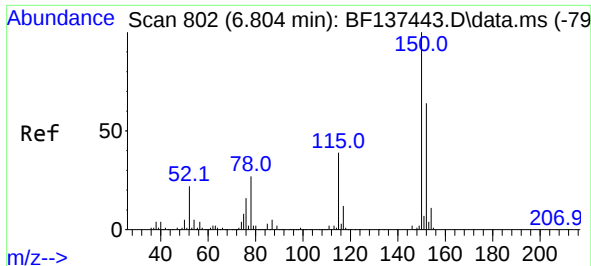
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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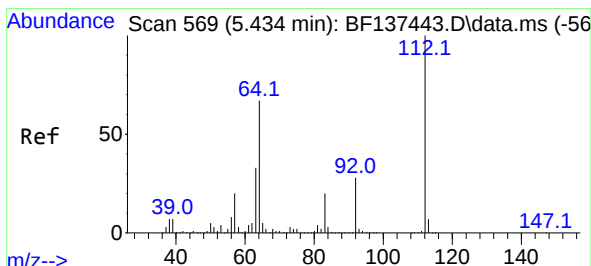
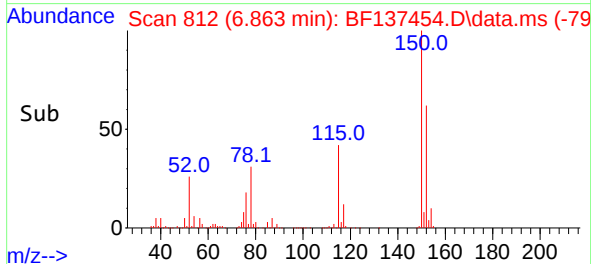
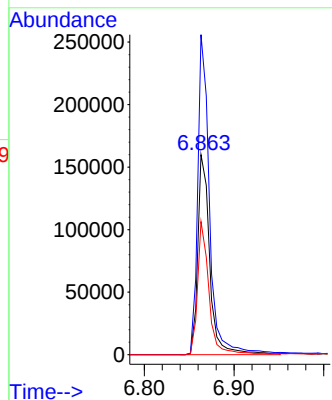
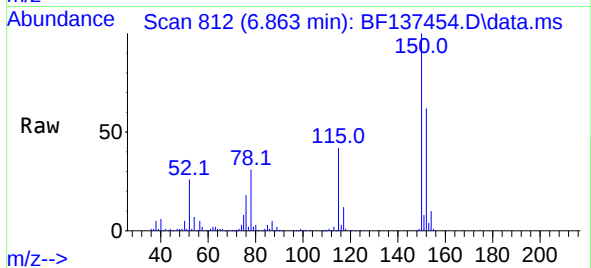




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF137454.D
Acq: 01 Mar 2024 12:01

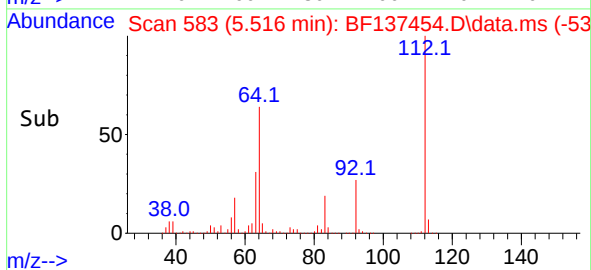
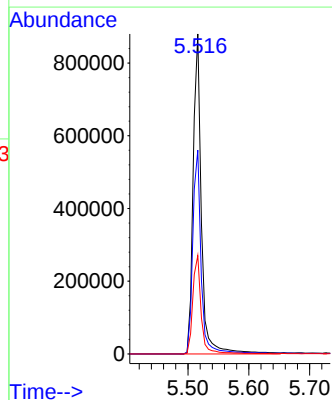
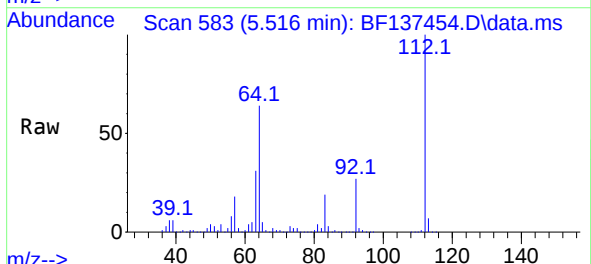
Instrument :
BNA_F
ClientSampleId :
SP-5

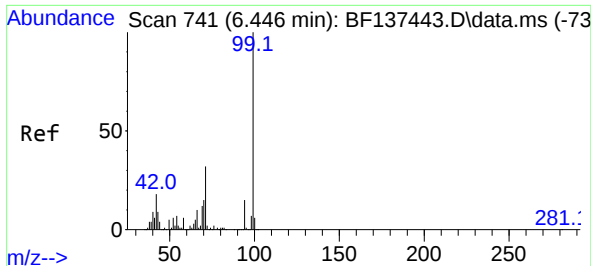
Tgt Ion:152 Resp: 149488
Ion Ratio Lower Upper
152 100
150 160.0 125.8 188.6
115 66.6 48.8 73.2



#5
2-Fluorophenol
Concen: 84.333 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.017 min
Lab File: BF137454.D
Acq: 01 Mar 2024 12:01

Tgt Ion:112 Resp: 832385
Ion Ratio Lower Upper
112 100
64 63.7 53.4 80.2
63 30.8 26.2 39.2

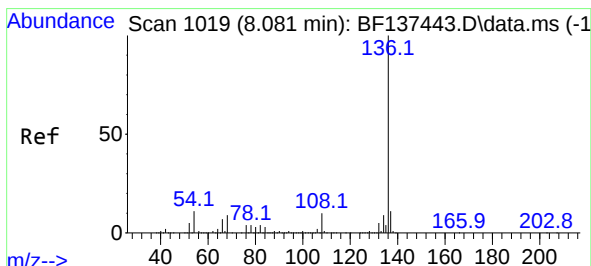
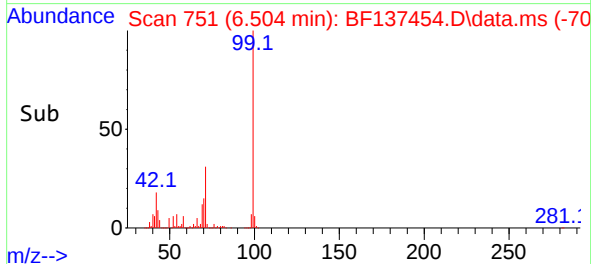
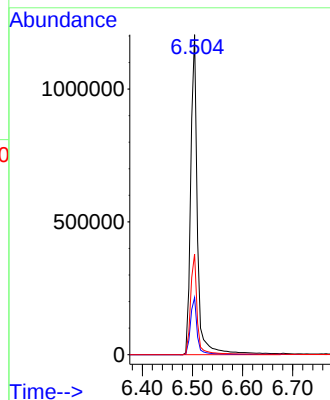
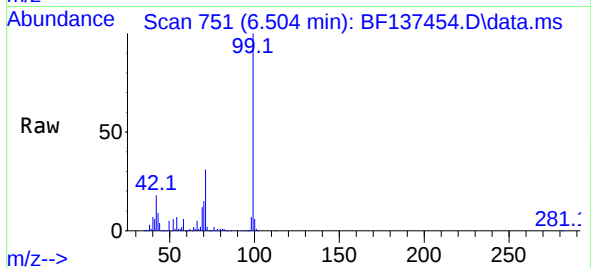




#7
Phenol-d6
Concen: 80.028 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF137454.D
Acq: 01 Mar 2024 12:01

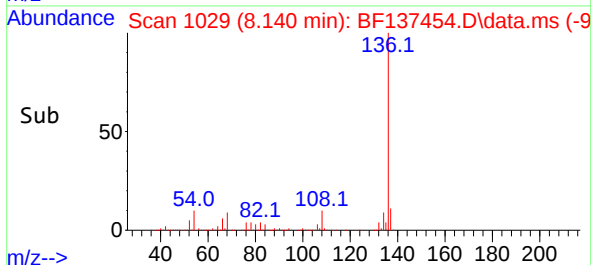
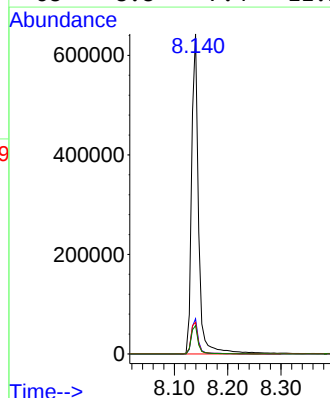
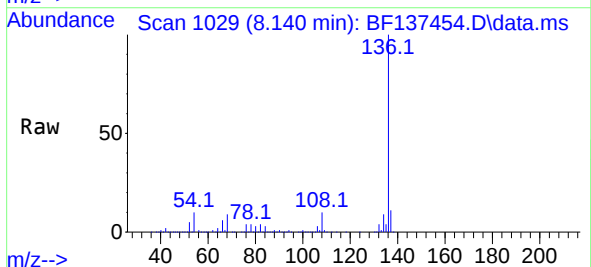
Instrument :
BNA_F
ClientSampleId :
SP-5

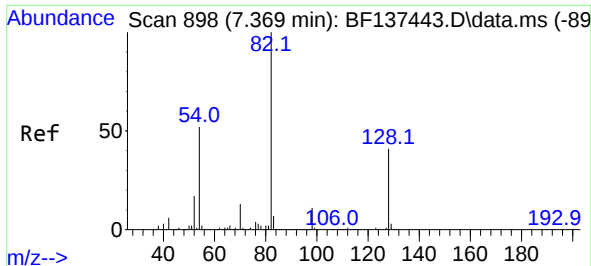
Tgt Ion: 99 Resp: 1140185
Ion Ratio Lower Upper
99 100
42 17.8 14.6 21.8
71 31.4 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.017 min
Lab File: BF137454.D
Acq: 01 Mar 2024 12:01

Tgt Ion: 136 Resp: 588654
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.9 8.5 12.7
68 8.8 7.4 11.2





#23

Nitrobenzene-d5

Concen: 53.236 ng

RT: 7.422 min Scan# 90

Delta R.T. -0.023 min

Lab File: BF137454.D

Acq: 01 Mar 2024 12:01

Instrument :

BNA_F

ClientSampleId :

SP-5

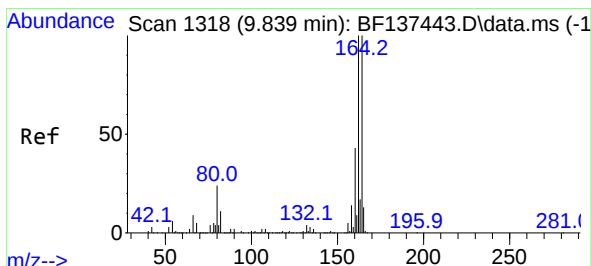
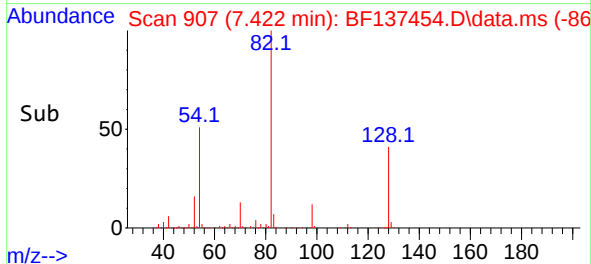
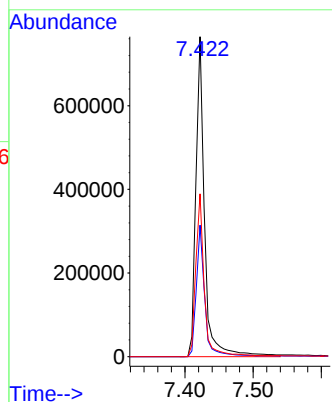
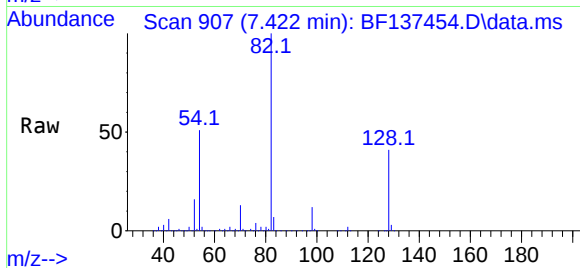
Tgt Ion: 82 Resp: 674452

Ion Ratio Lower Upper

82 100

128 41.1 32.5 48.7

54 50.9 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.023 min

Lab File: BF137454.D

Acq: 01 Mar 2024 12:01

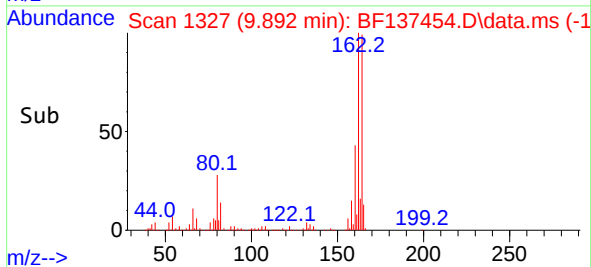
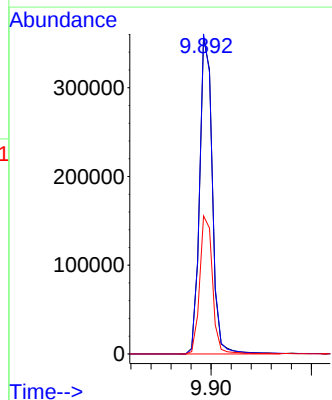
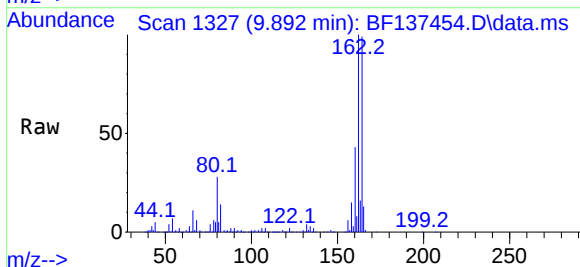
Tgt Ion:164 Resp: 314046

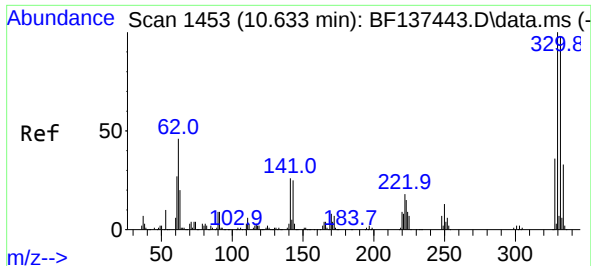
Ion Ratio Lower Upper

164 100

162 101.2 79.8 119.8

160 43.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 69.797 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.023 min

Lab File: BF137454.D

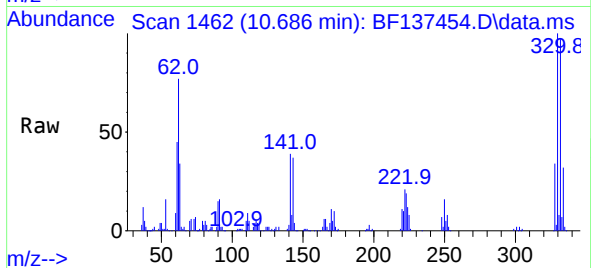
Acq: 01 Mar 2024 12:01

Instrument :

BNA_F

ClientSampleId :

SP-5



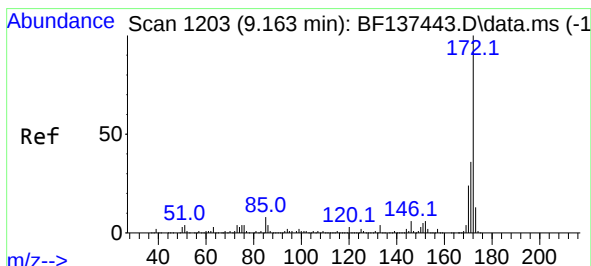
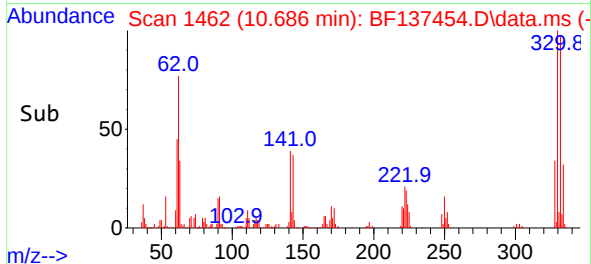
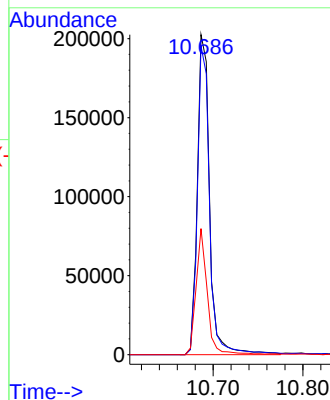
Tgt Ion:330 Resp: 192491

Ion Ratio Lower Upper

330 100

332 96.0 78.0 117.0

141 36.2 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 58.906 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.017 min

Lab File: BF137454.D

Acq: 01 Mar 2024 12:01

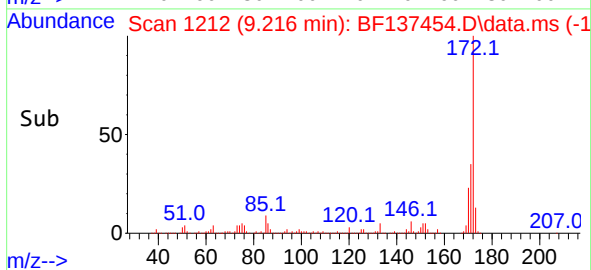
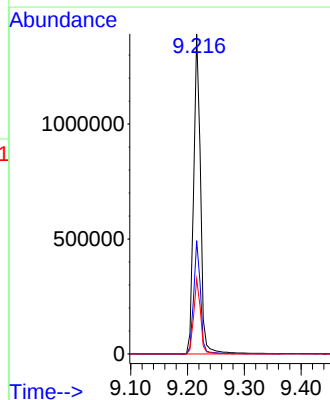
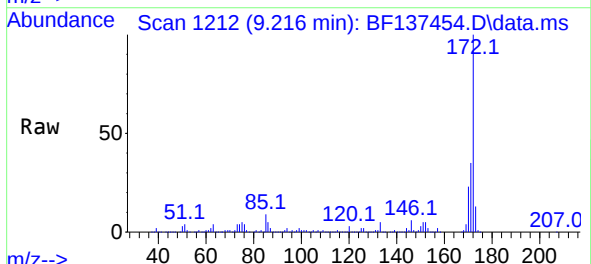
Tgt Ion:172 Resp: 1181778

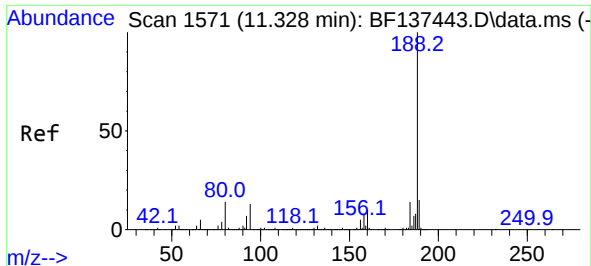
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.4 19.0 28.6

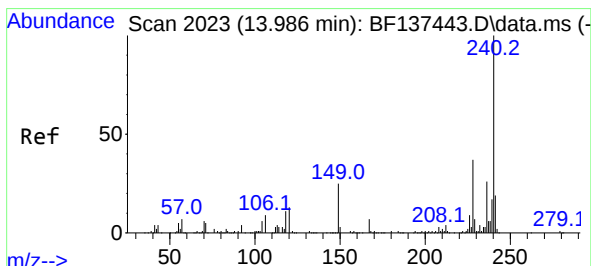
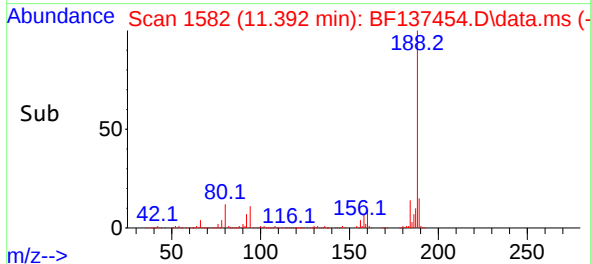
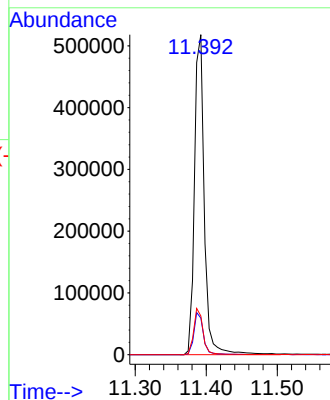
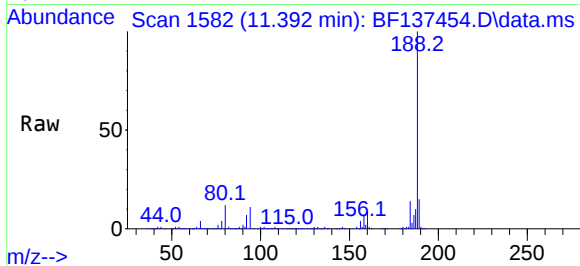




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137454.D
Acq: 01 Mar 2024 12:01

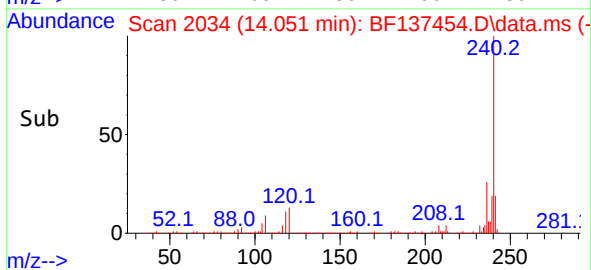
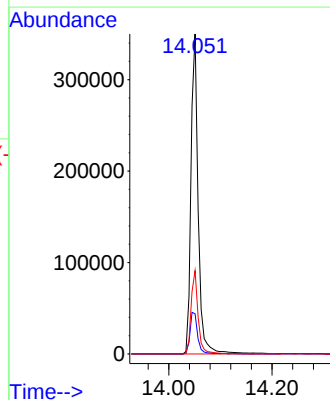
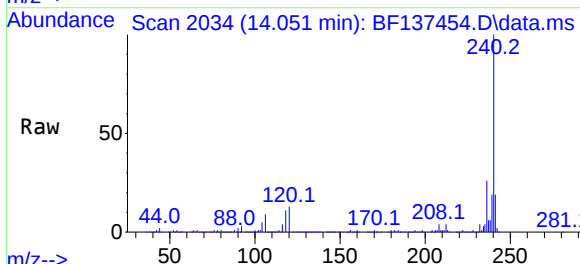
Instrument :
BNA_F
ClientSampleId :
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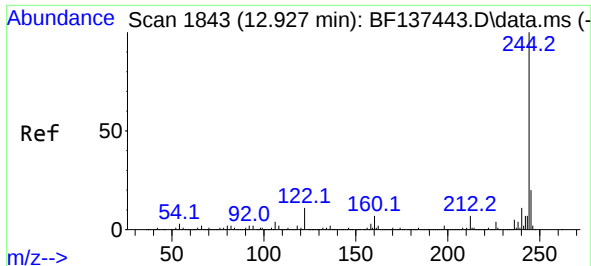
Tgt Ion:188 Resp: 500570
Ion Ratio Lower Upper
188 100
94 11.5 10.6 15.8
80 12.1 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.017 min
Lab File: BF137454.D
Acq: 01 Mar 2024 12:01

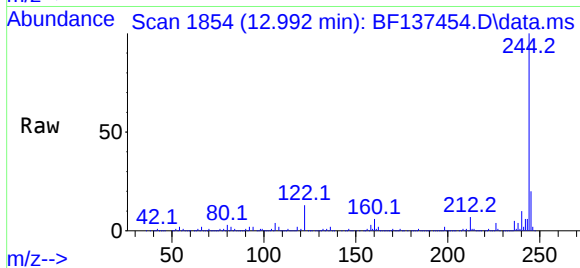
Tgt Ion:240 Resp: 339709
Ion Ratio Lower Upper
240 100
120 12.6 10.4 15.6
236 26.1 20.9 31.3



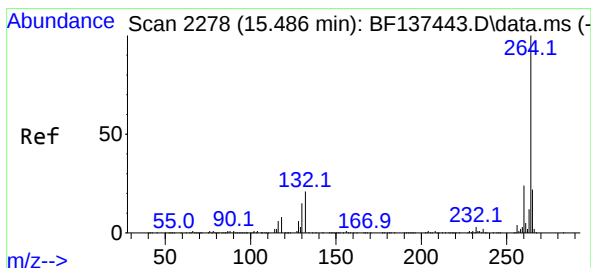
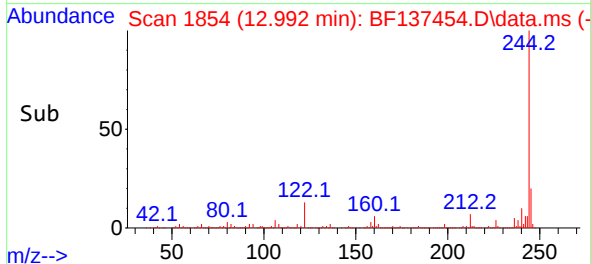
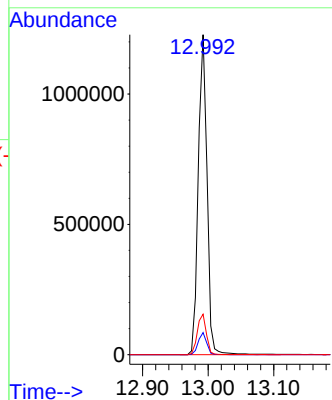


#79
Terphenyl-d14
Concen: 46.375 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.017 min
Lab File: BF137454.D
Acq: 01 Mar 2024 12:01

Instrument :
BNA_F
ClientSampleId :
SP-5



Tgt Ion:244 Resp: 1145656
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 12.7 9.1 13.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. -0.017 min
Lab File: BF137454.D
Acq: 01 Mar 2024 12:01

Tgt Ion:264 Resp: 294932
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 21.8 17.4 26.0

