

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
 Data File : BF137381.D
 Acq On : 26 Feb 2024 12:48
 Operator : CG\JU
 Sample : PB159110BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159110BL

Quant Time: Feb 26 13:10:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	197676	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	822681	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	456569	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	890940	20.000	ng	0.00
76) Chrysene-d12	13.974	240	610515	20.000	ng	0.00
86) Perylene-d12	15.457	264	429746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1215161	94.854	ng	0.01
7) Phenol-d6	6.434	99	1668027	88.512	ng	0.00
23) Nitrobenzene-d5	7.357	82	1429619	86.757	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	336231	84.569	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2425500	82.707	ng	0.00
79) Terphenyl-d14	12.927	244	3254804	74.567	ng	0.00

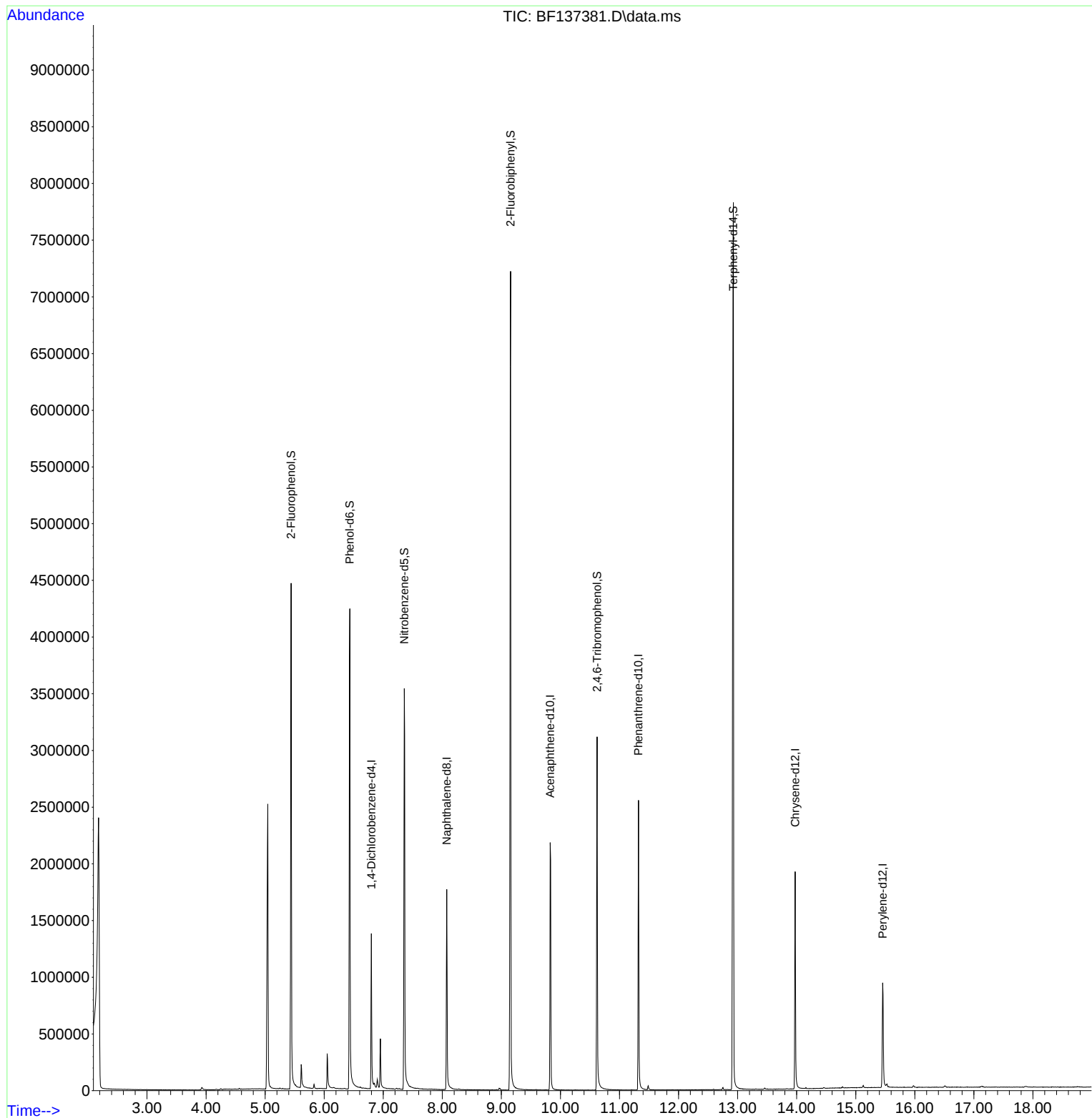
Target Compounds	Qvalue

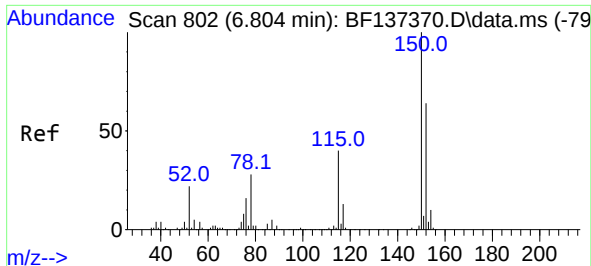
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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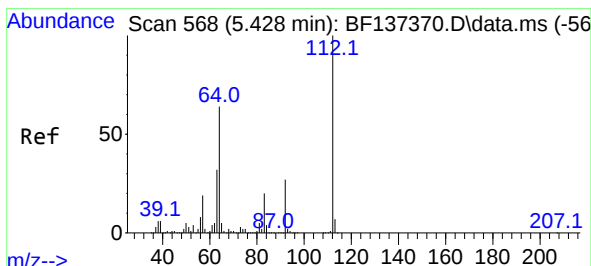
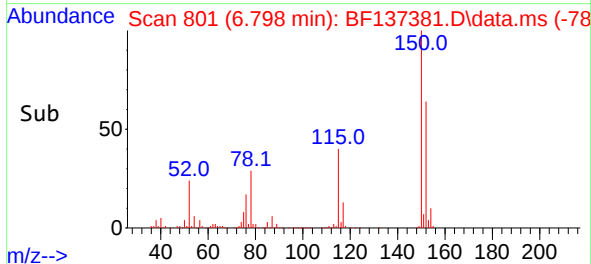
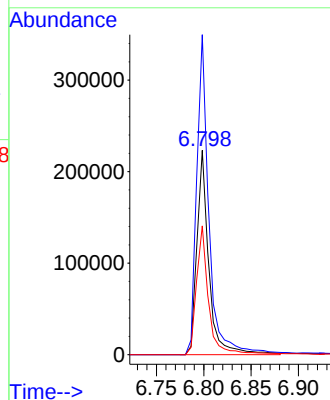
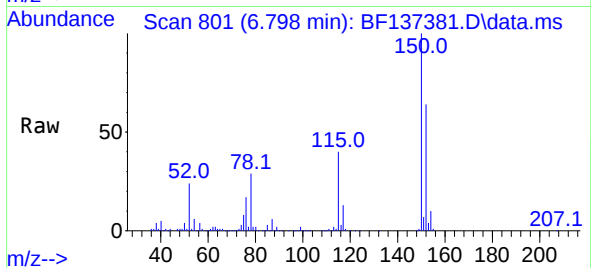




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

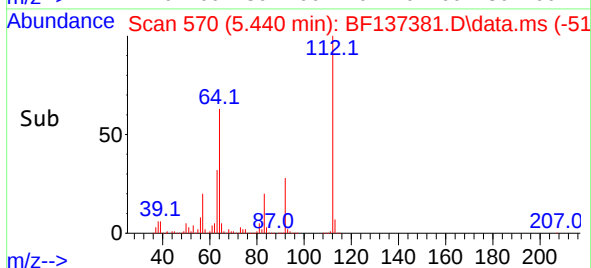
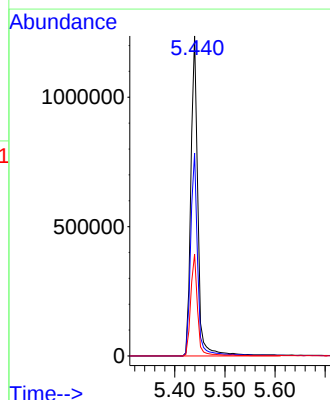
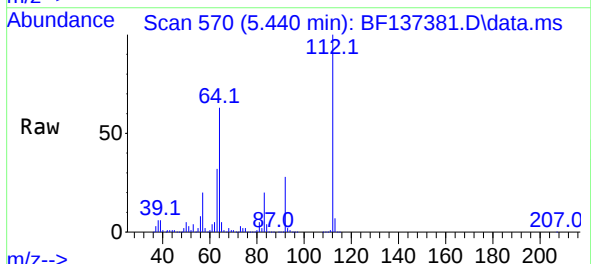
Instrument :
BNA_F
ClientSampleId :
PB159110BL

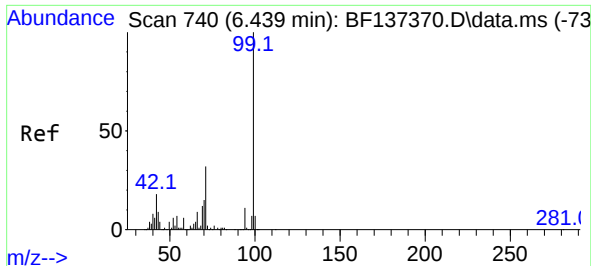
Tgt Ion:152 Resp: 197676
Ion Ratio Lower Upper
152 100
150 156.7 125.7 188.5
115 63.0 49.8 74.8



#5
2-Fluorophenol
Concen: 94.854 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

Tgt Ion:112 Resp: 1215161
Ion Ratio Lower Upper
112 100
64 63.4 51.0 76.6
63 31.8 25.7 38.5

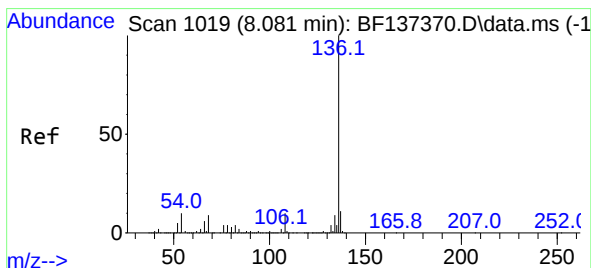
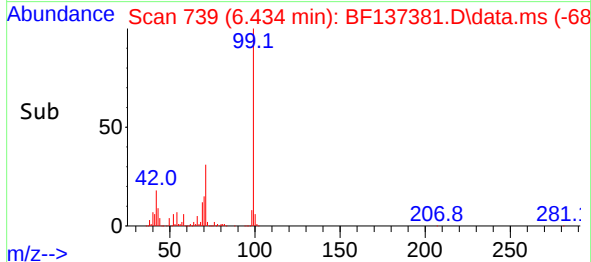
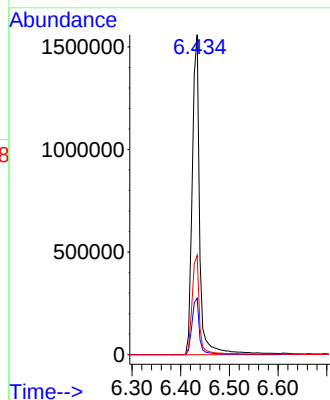
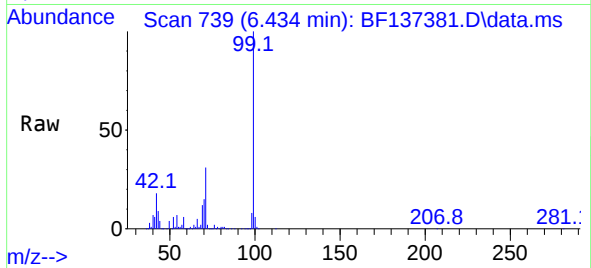




#7
Phenol-d6
Concen: 88.512 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

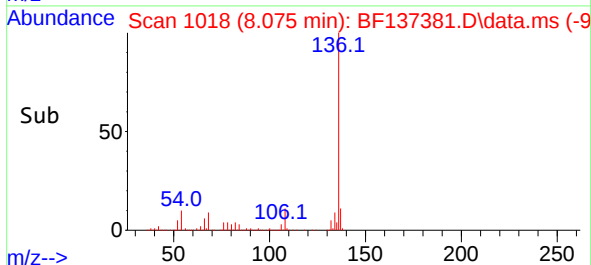
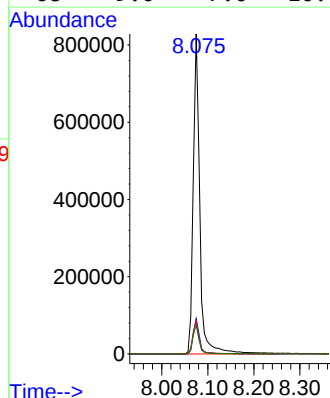
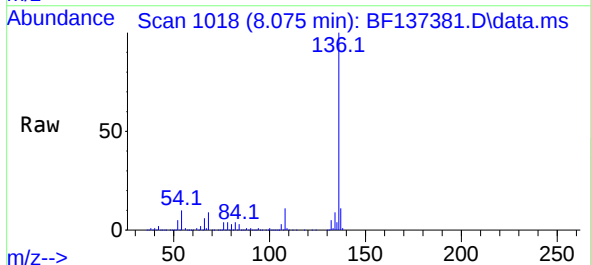
Instrument :
BNA_F
ClientSampleId :
PB159110BL

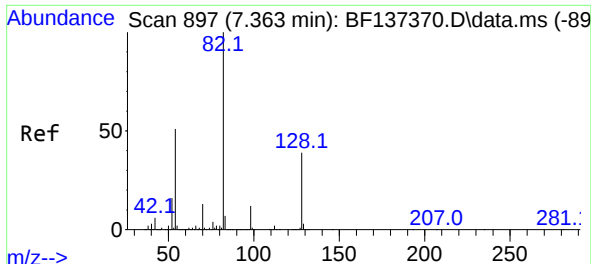
Tgt Ion: 99 Resp: 1668027
Ion Ratio Lower Upper
99 100
42 17.7 14.2 21.4
71 31.1 25.2 37.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

Tgt Ion: 136 Resp: 822681
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 10.3 7.8 11.6
68 9.0 7.0 10.4

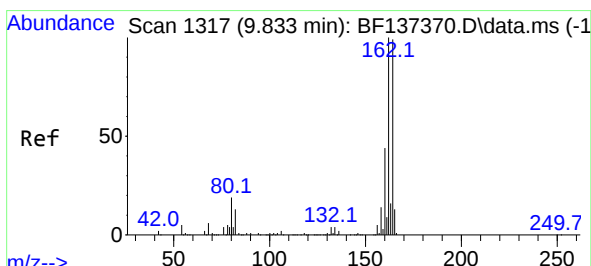
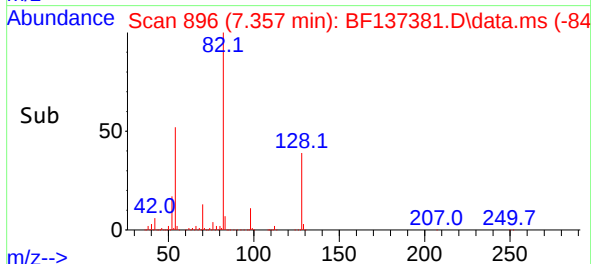
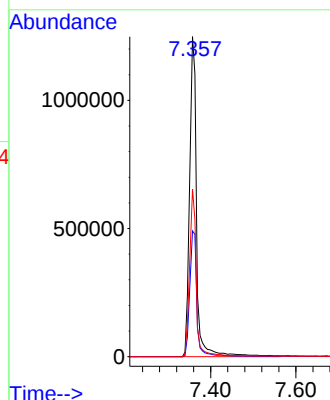
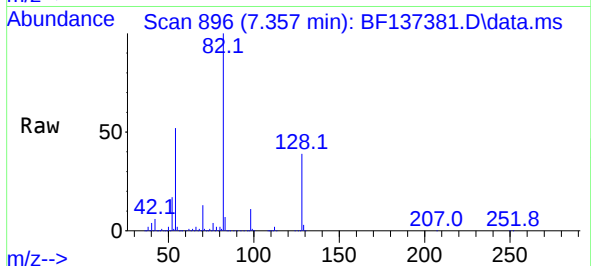




#23
Nitrobenzene-d5
Concen: 86.757 ng
RT: 7.357 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

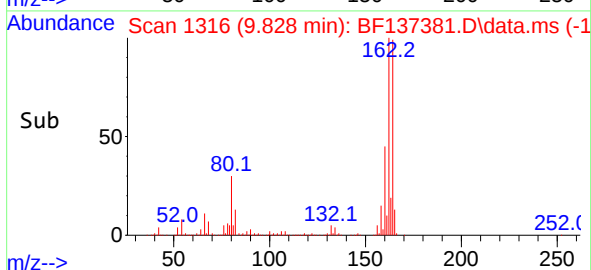
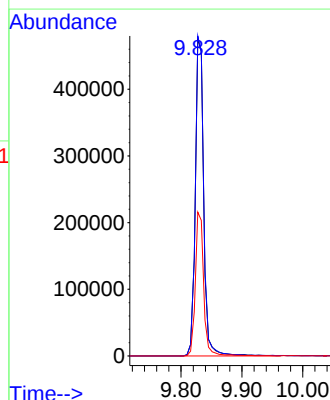
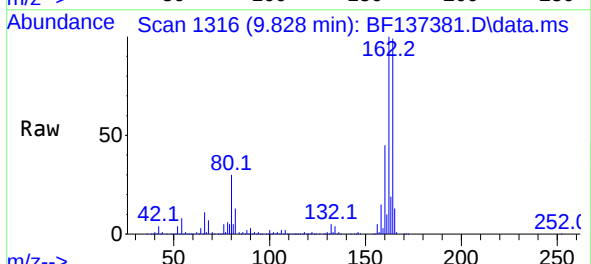
Instrument :
BNA_F
ClientSampleId :
PB159110BL

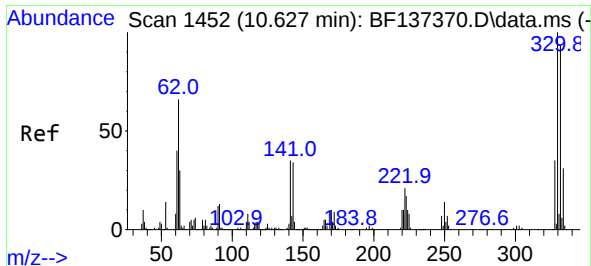
Tgt Ion: 82 Resp: 1429619
Ion Ratio Lower Upper
82 100
128 39.3 30.8 46.2
54 52.3 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

Tgt Ion:164 Resp: 456569
Ion Ratio Lower Upper
164 100
162 100.9 81.2 121.8
160 45.4 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 84.569 ng

RT: 10.622 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF137381.D

Acq: 26 Feb 2024 12:48

Instrument :

BNA_F

ClientSampleId :

PB159110BL

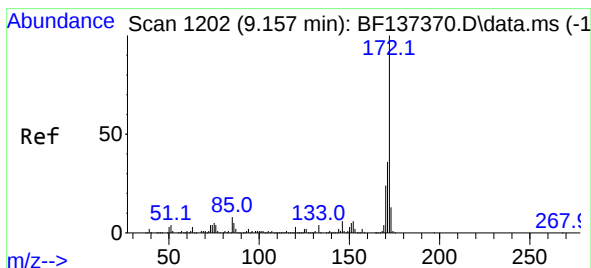
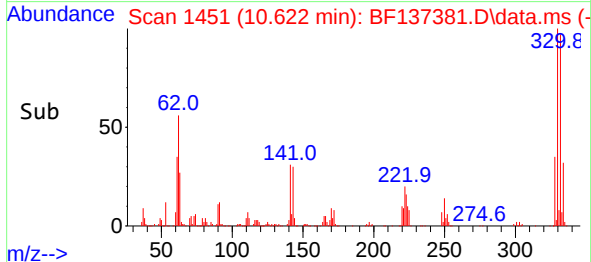
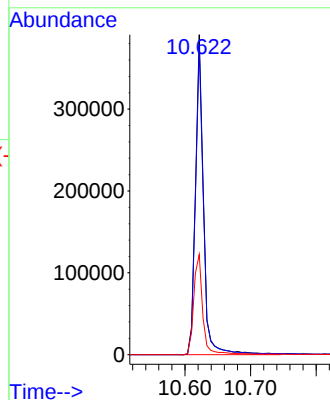
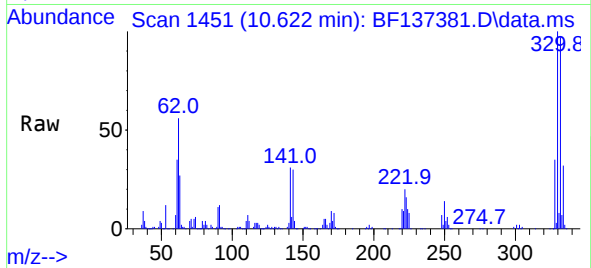
Tgt Ion:330 Resp: 336231

Ion Ratio Lower Upper

330 100

332 97.7 75.6 113.4

141 35.1 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 82.707 ng

RT: 9.157 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF137381.D

Acq: 26 Feb 2024 12:48

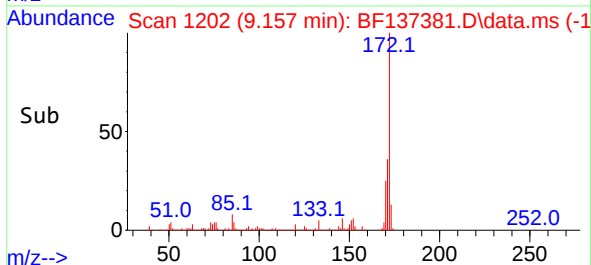
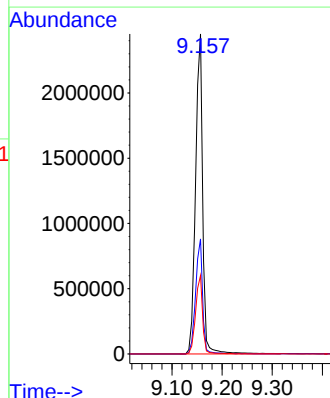
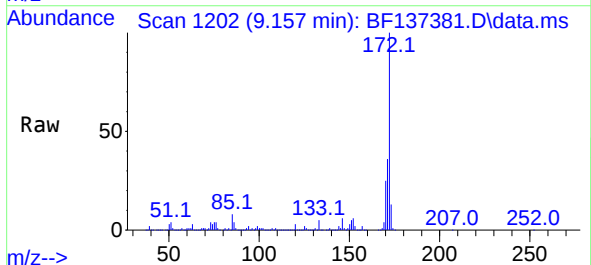
Tgt Ion:172 Resp: 2425500

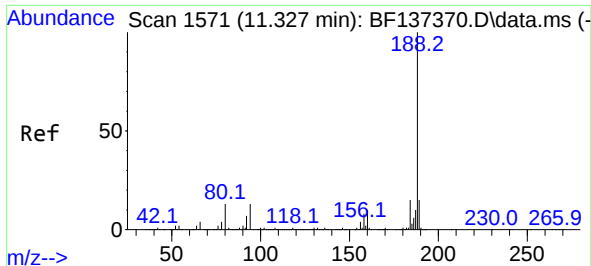
Ion Ratio Lower Upper

172 100

171 36.0 28.7 43.1

170 24.5 19.5 29.3

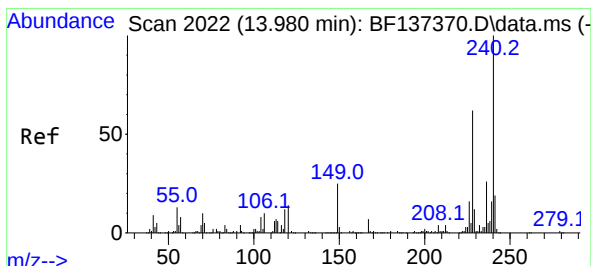
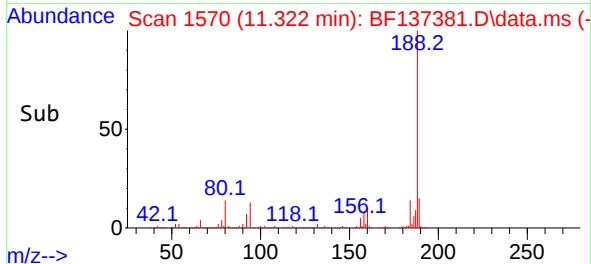
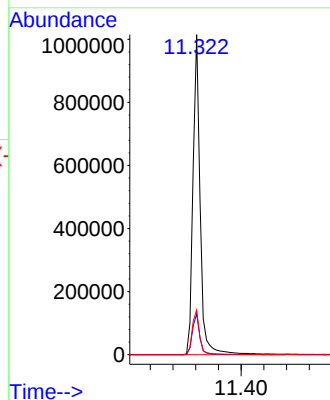
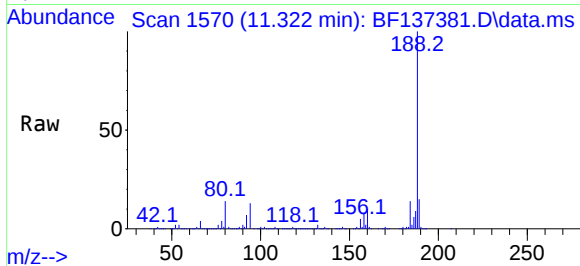




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

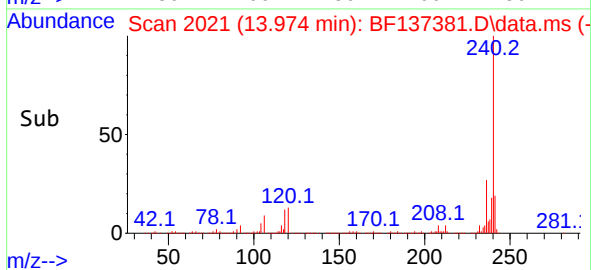
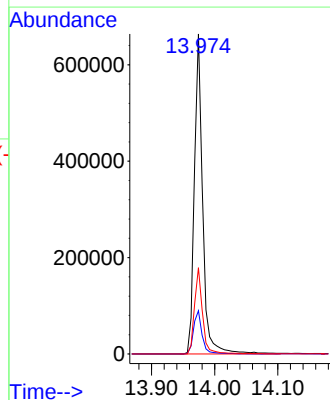
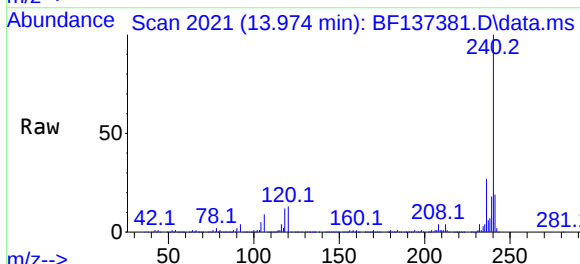
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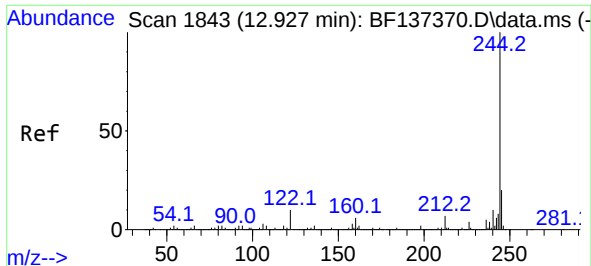
Tgt Ion:188 Resp: 890940
Ion Ratio Lower Upper
188 100
94 12.8 10.2 15.2
80 14.0 10.7 16.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

Tgt Ion:240 Resp: 610515
Ion Ratio Lower Upper
240 100
120 13.5 11.3 16.9
236 27.0 20.5 30.7

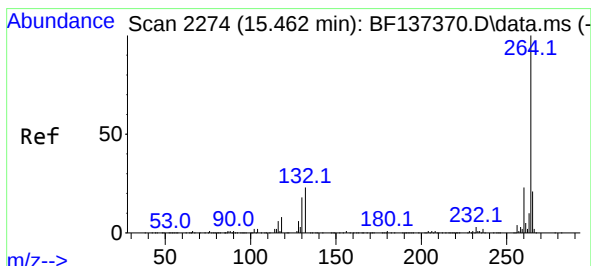
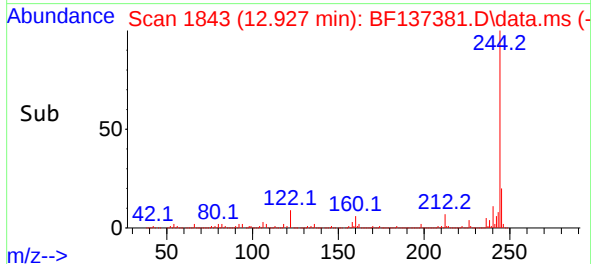
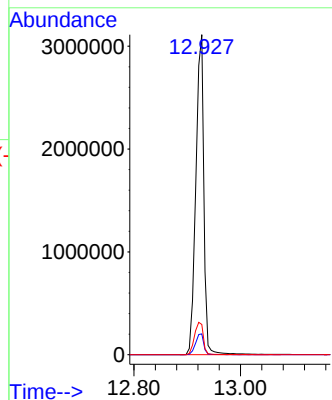
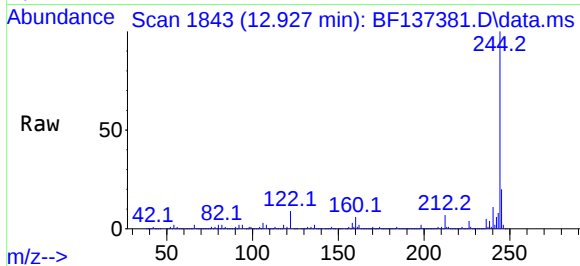




#79
 Terphenyl-d14
 Concen: 74.567 ng
 RT: 12.927 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF137381.D
 Acq: 26 Feb 2024 12:48

Instrument :
 BNA_F
 ClientSampleId :
 PB159110BL

Tgt Ion:244 Resp: 3254804
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 9.5 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF137381.D
 Acq: 26 Feb 2024 12:48

Tgt Ion:264 Resp: 429746
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.5 27.7
 265 21.4 16.9 25.3

