

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136010.D
 Acq On : 28 Oct 2023 17:39
 Operator : CG\JU
 Sample : 05051-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-1A

Quant Time: Oct 30 00:27:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	152716	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	596647	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	298937	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	544893	20.000	ng	0.00
76) Chrysene-d12	14.004	240	333100	20.000	ng	0.00
86) Perylene-d12	15.492	264	356951	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	751463	75.983	ng	0.00
7) Phenol-d6	6.451	99	928368	75.400	ng	0.00
23) Nitrobenzene-d5	7.387	82	532271	60.763	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	249682	95.423	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	970082	51.962	ng	0.00
79) Terphenyl-d14	12.951	244	1047985	52.565	ng	0.00

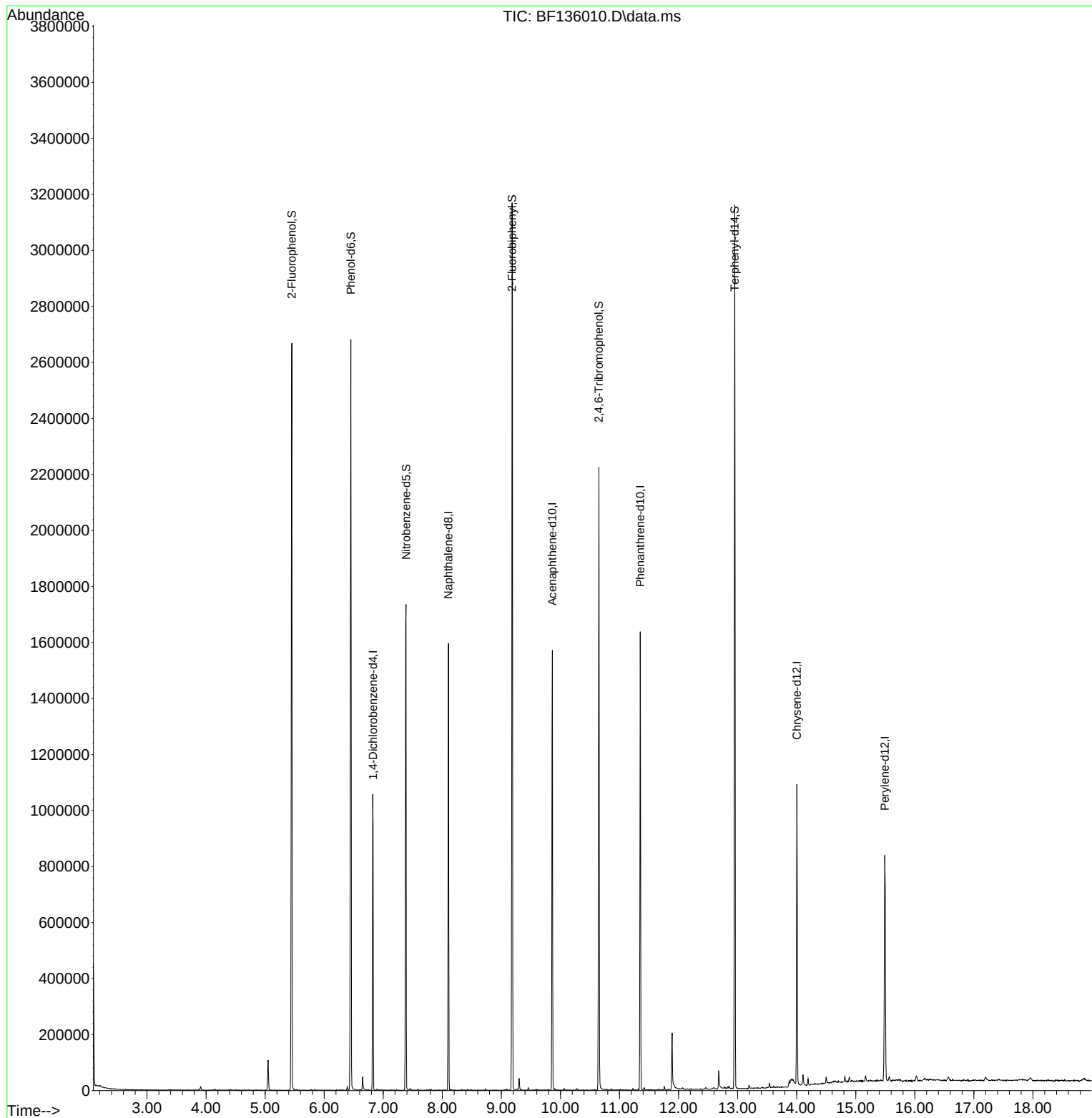
Target Compounds	Qvalue

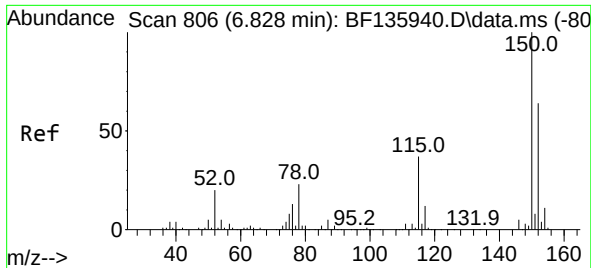
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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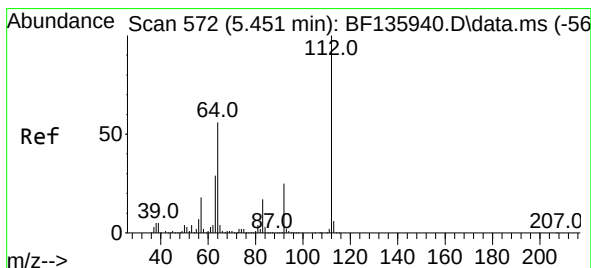
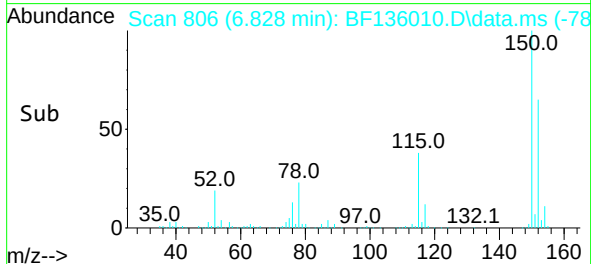
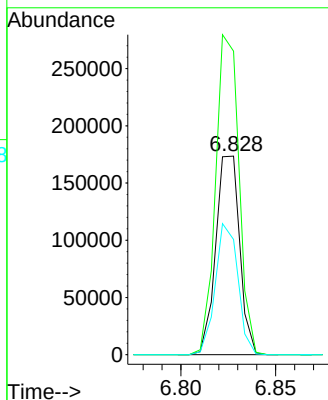
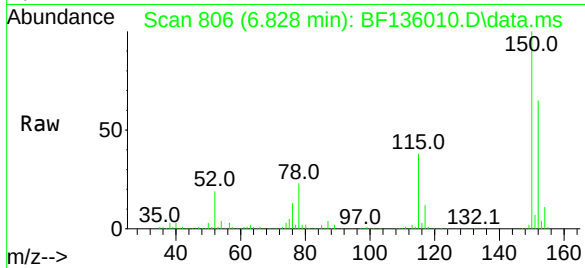




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 806
 Delta R.T. -0.000 min
 Lab File: BF136010.D
 Acq: 28 Oct 2023 17:39

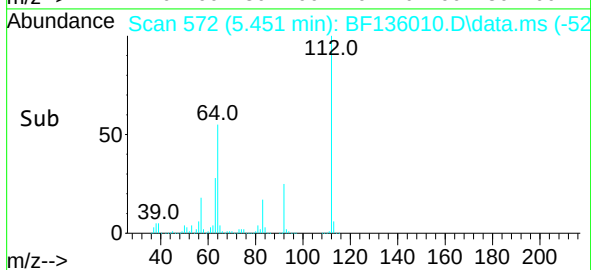
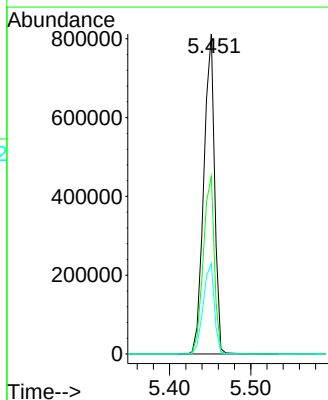
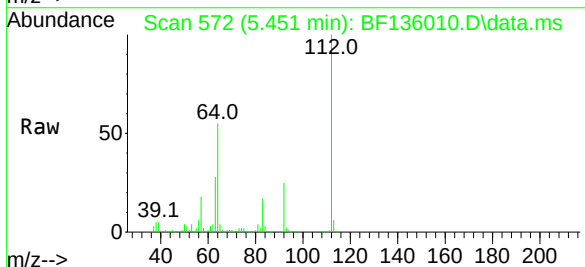
Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-1A

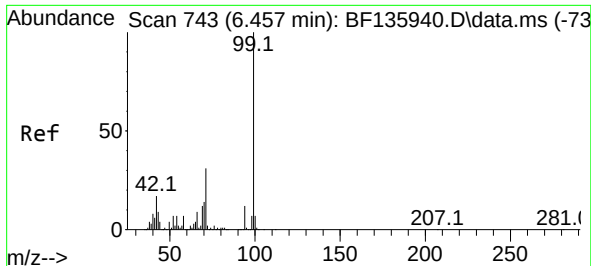
Tgt Ion:152 Resp: 152716
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.6 186.8
 115 58.0 46.6 69.8



#5
 2-Fluorophenol
 Concen: 75.983 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.000 min
 Lab File: BF136010.D
 Acq: 28 Oct 2023 17:39

Tgt Ion:112 Resp: 751463
 Ion Ratio Lower Upper
 112 100
 64 55.5 45.1 67.7
 63 28.3 23.0 34.4

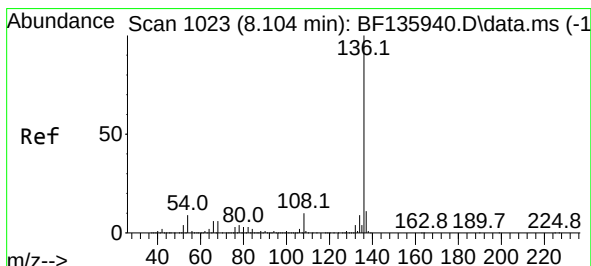
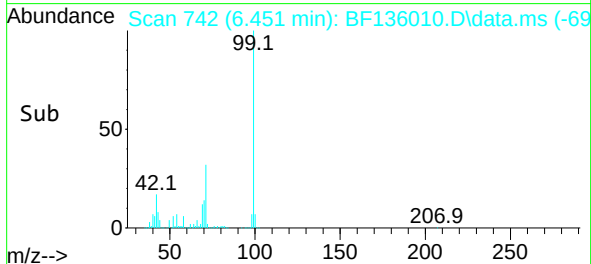
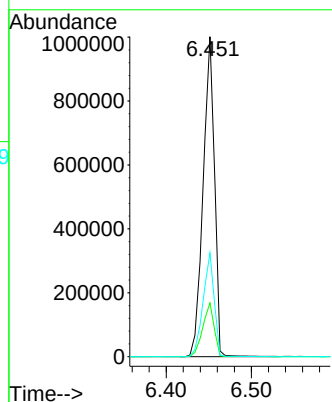
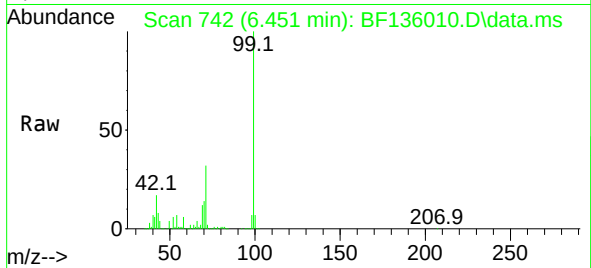




#7
Phenol-d6
Concen: 75.400 ng
RT: 6.451 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

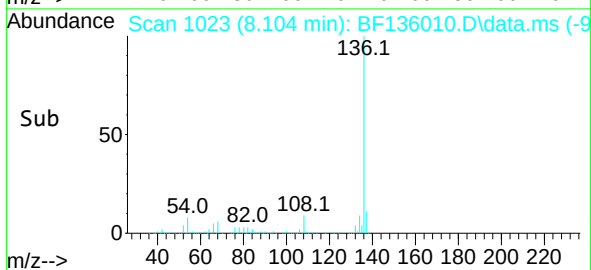
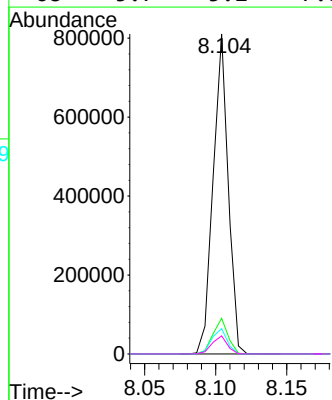
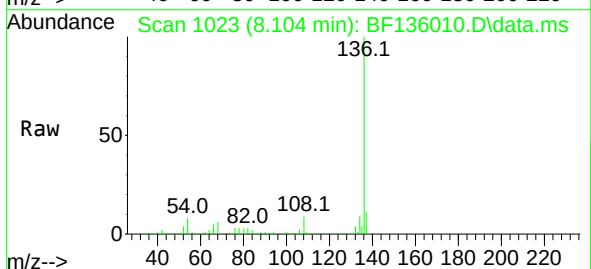
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-1A

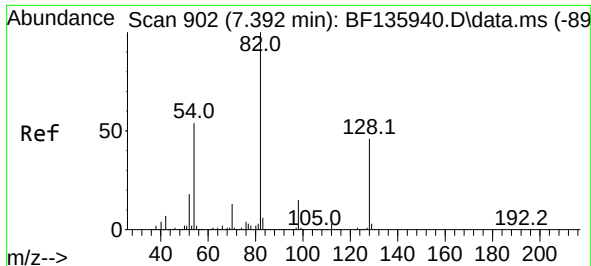
Tgt Ion: 99 Resp: 928368
Ion Ratio Lower Upper
99 100
42 16.8 13.8 20.8
71 32.4 25.1 37.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

Tgt Ion: 136 Resp: 596647
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 7.9 7.1 10.7
68 5.7 5.2 7.8





#23

Nitrobenzene-d5

Concen: 60.763 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.005 min

Lab File: BF136010.D

Acq: 28 Oct 2023 17:39

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-1A

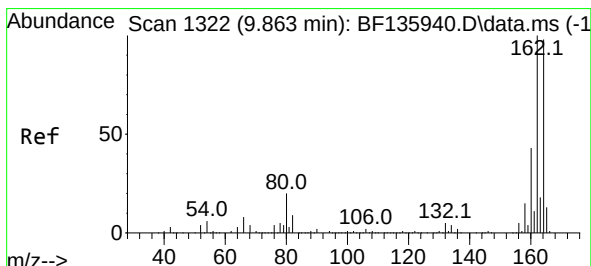
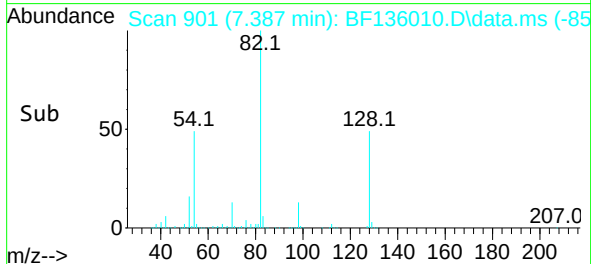
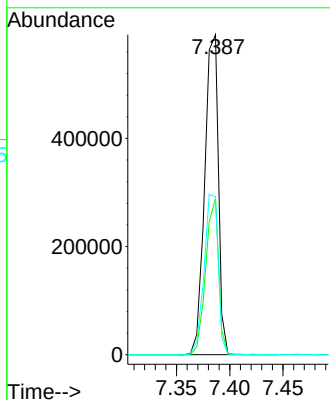
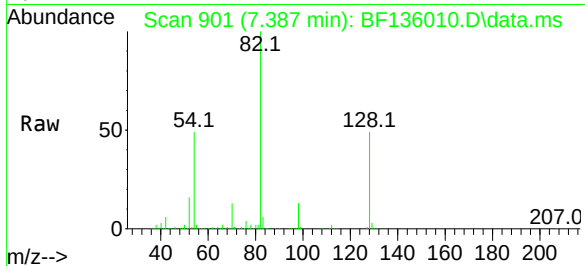
Tgt Ion: 82 Resp: 532271

Ion Ratio Lower Upper

82 100

128 48.8 36.8 55.2

54 49.3 43.4 65.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF136010.D

Acq: 28 Oct 2023 17:39

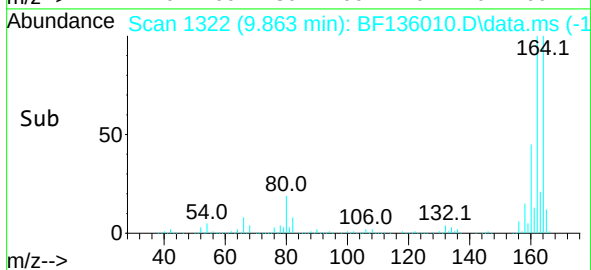
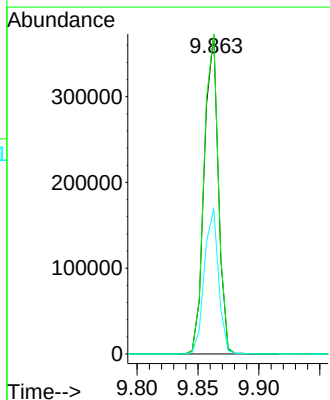
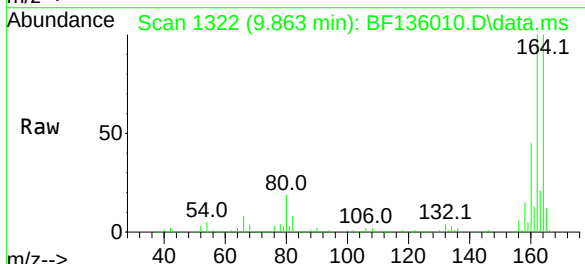
Tgt Ion: 164 Resp: 298937

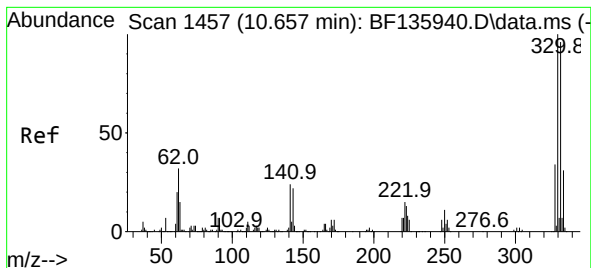
Ion Ratio Lower Upper

164 100

162 100.2 82.0 123.0

160 45.4 35.6 53.4

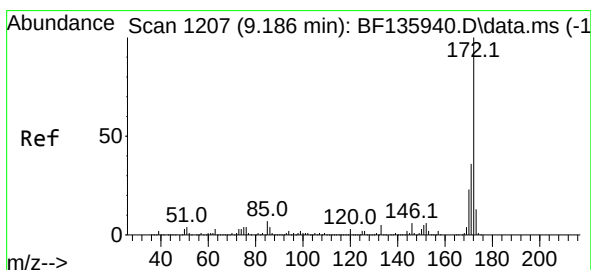
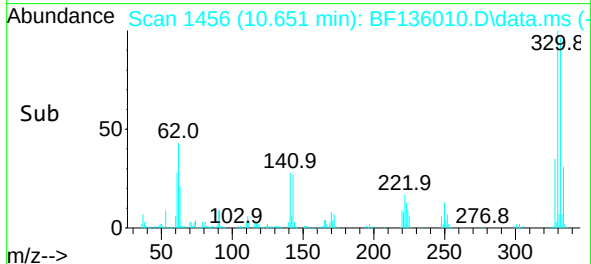
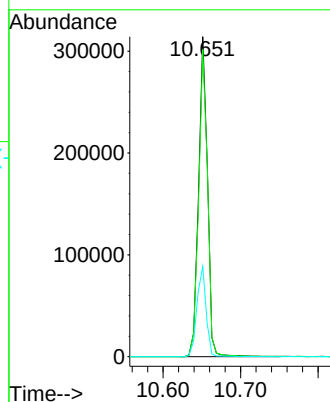
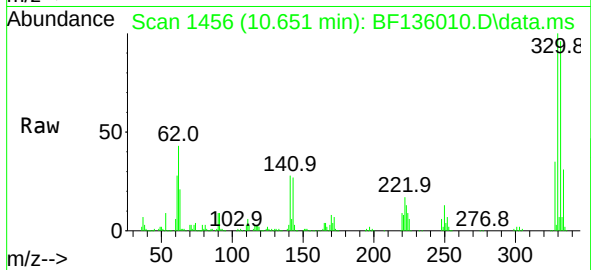




#42
2,4,6-Tribromophenol
Concen: 95.423 ng
RT: 10.651 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

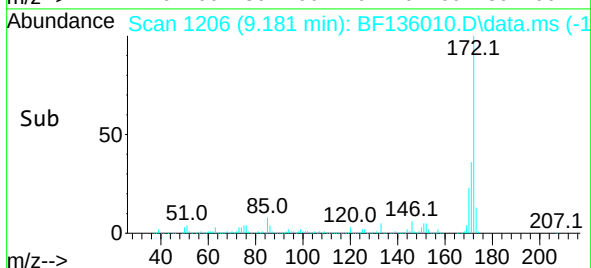
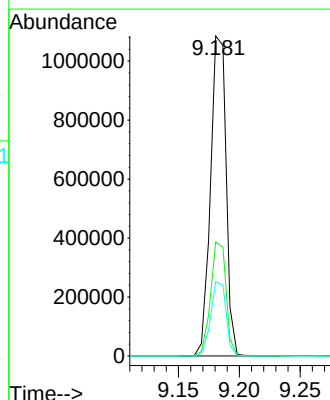
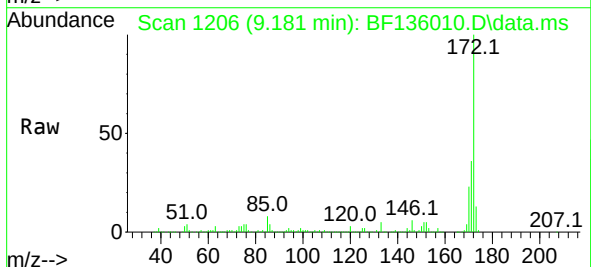
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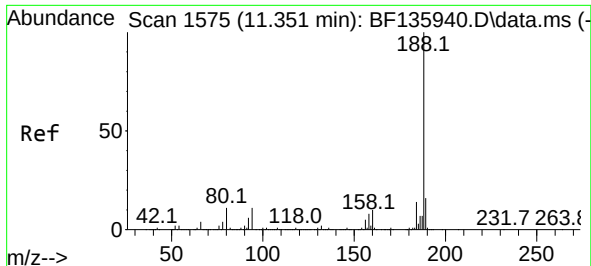
Tgt Ion:330 Resp: 249682
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.2
141 29.2 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 51.962 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

Tgt Ion:172 Resp: 970082
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.2 18.6 28.0

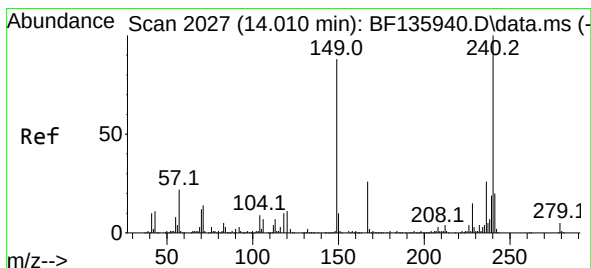
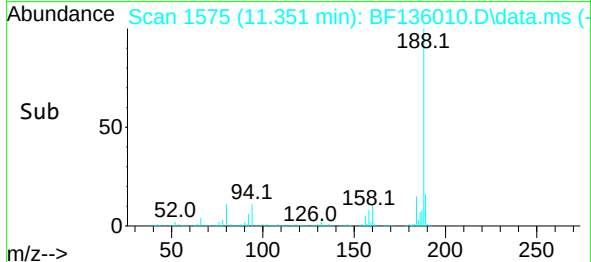
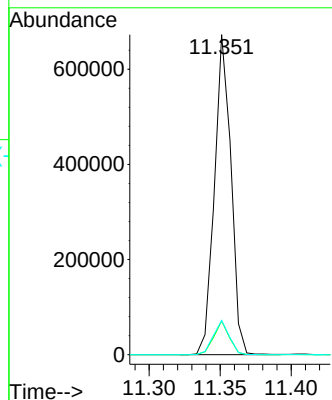
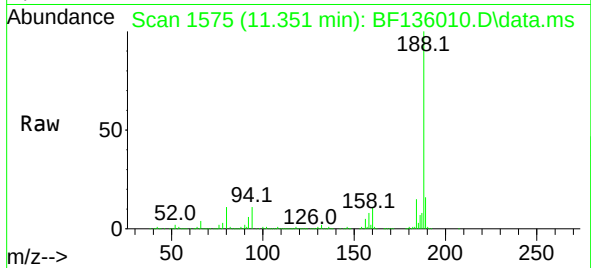




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

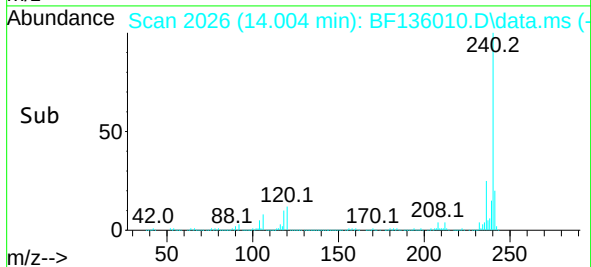
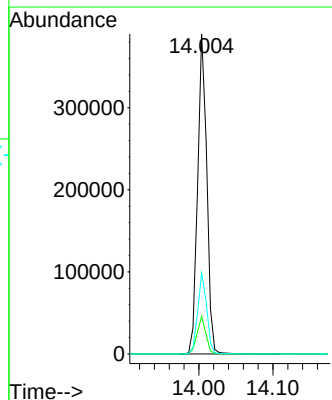
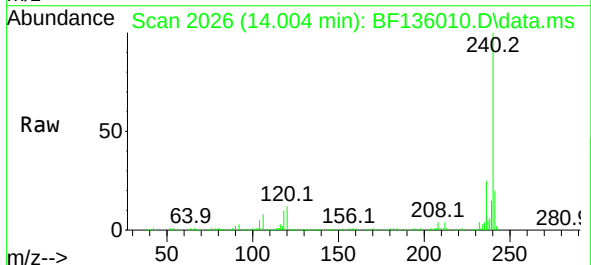
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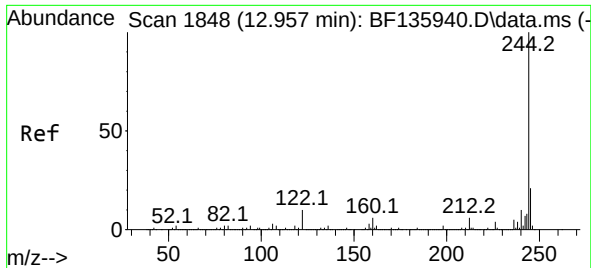
Tgt Ion:188 Resp: 544893
Ion Ratio Lower Upper
188 100
94 10.5 8.6 13.0
80 10.7 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

Tgt Ion:240 Resp: 333100
Ion Ratio Lower Upper
240 100
120 11.7 8.6 13.0
236 25.4 20.6 30.8

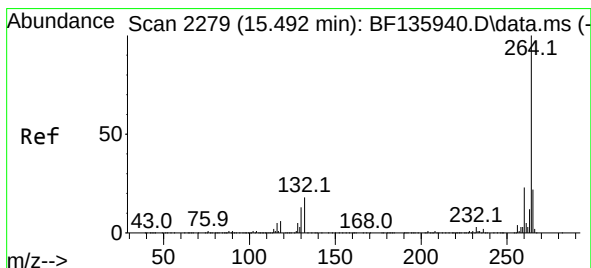
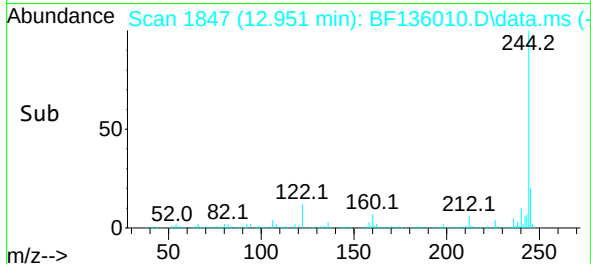
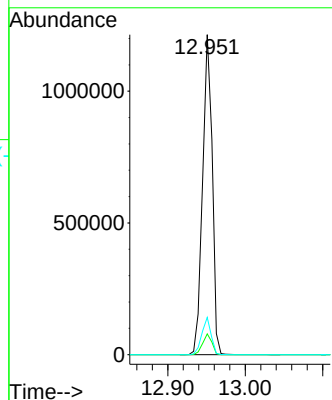
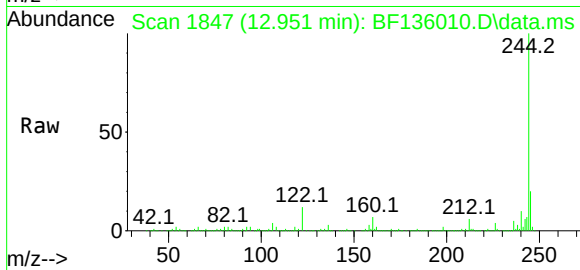




#79
 Terphenyl-d14
 Concen: 52.565 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF136010.D
 Acq: 28 Oct 2023 17:39

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-1A

Tgt Ion:244 Resp: 1047985
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.6
 122 11.7 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. 0.000 min
 Lab File: BF136010.D
 Acq: 28 Oct 2023 17:39

Tgt Ion:264 Resp: 356951
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.9 17.3 25.9

