

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
 Data File : BF133470.D
 Acq On : 24 May 2023 14:51
 Operator : CG\JU
 Sample : 02892-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-31

Quant Time: May 24 15:25:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 02:41:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	103864	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	400643	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	193135	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	381478	20.000	ng	0.00
76) Chrysene-d12	14.004	240	296716	20.000	ng	0.00
86) Perylene-d12	15.463	264	252352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	771990	121.498	ng	0.01
7) Phenol-d6	6.463	99	881857	115.452	ng	0.00
23) Nitrobenzene-d5	7.404	82	602990	104.053	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	265049	148.562	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1073032	78.167	ng	0.00
79) Terphenyl-d14	12.957	244	1329009	85.636	ng	0.00

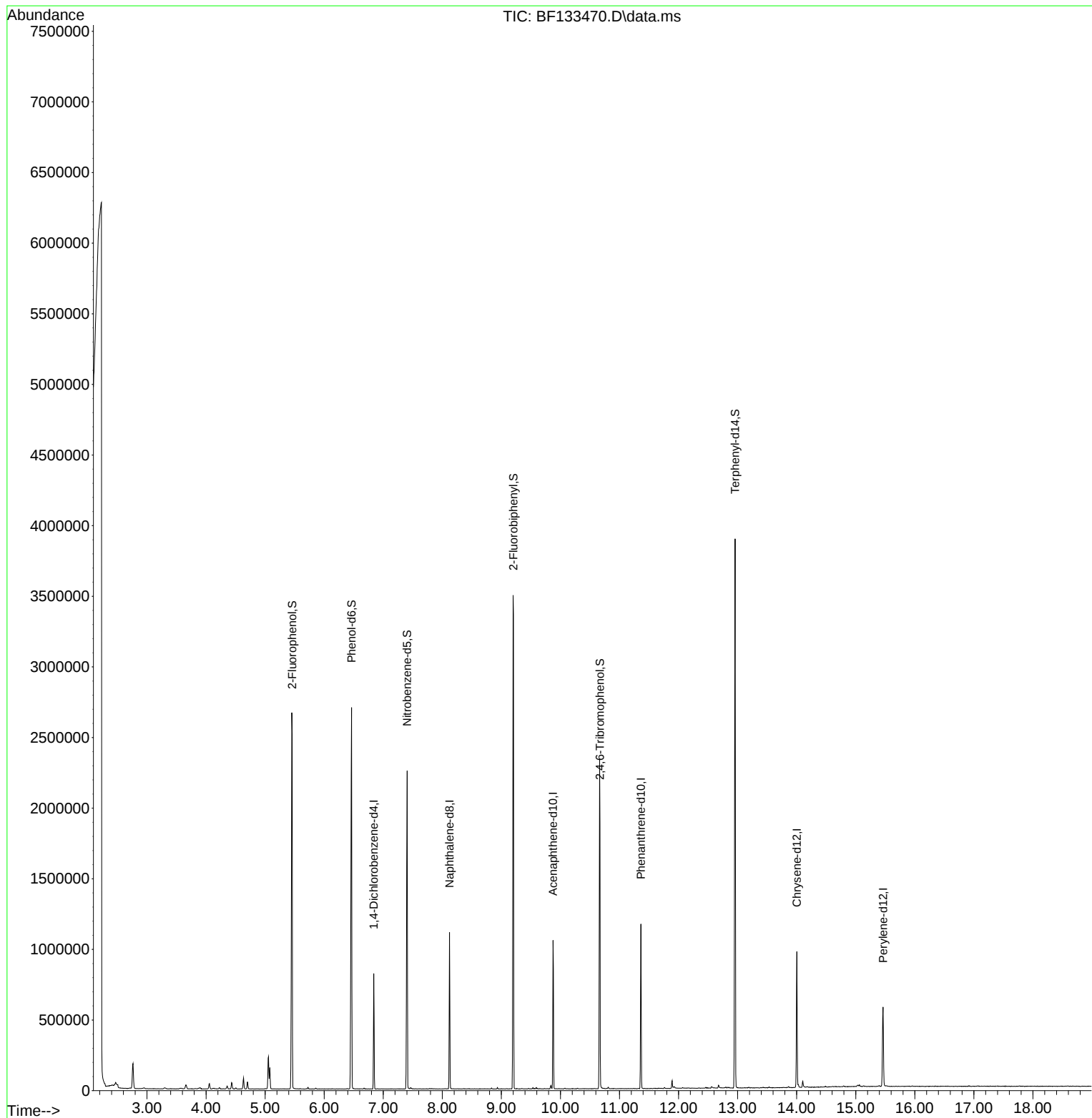
Target Compounds	Qvalue

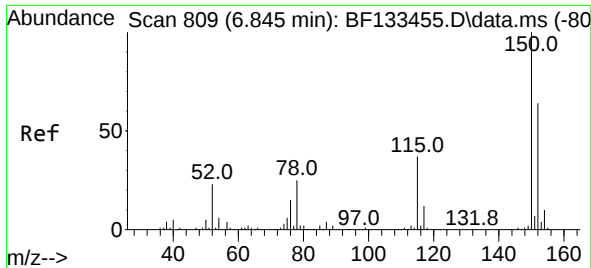
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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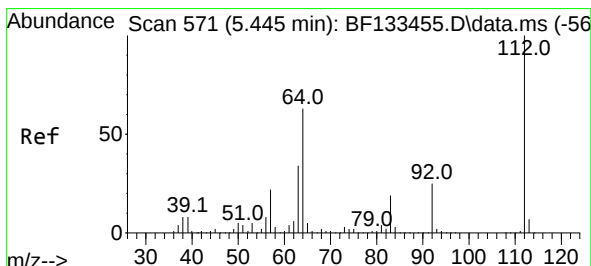
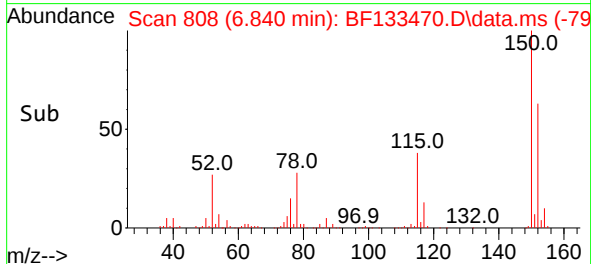
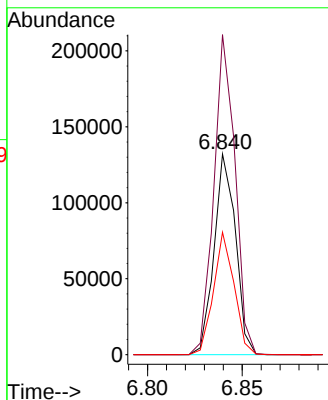
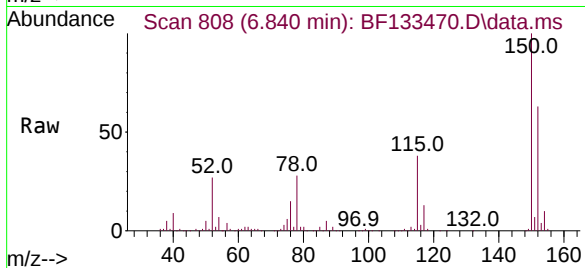




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

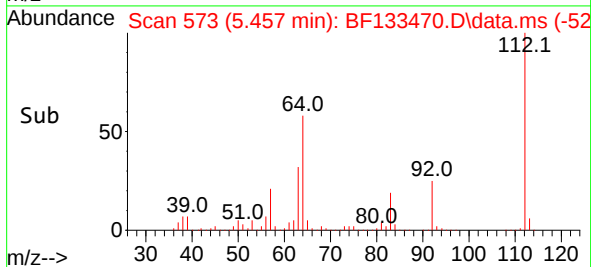
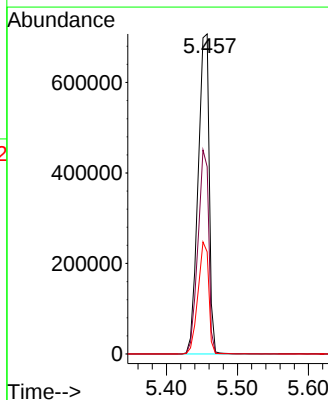
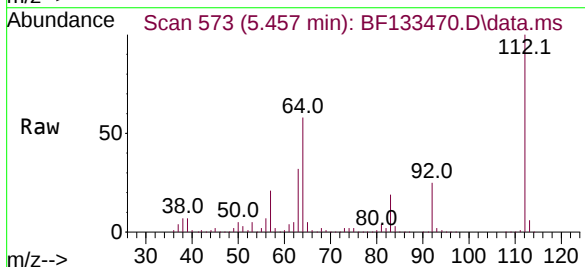
Instrument :
BNA_F
ClientSampleId :
TP-31

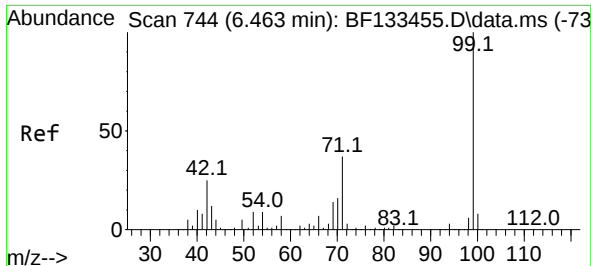
Tgt Ion:152 Resp: 103864
Ion Ratio Lower Upper
152 100
150 159.5 125.6 188.4
115 61.0 47.0 70.4



#5
2-Fluorophenol
Concen: 121.498 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

Tgt Ion:112 Resp: 771990
Ion Ratio Lower Upper
112 100
64 58.5 50.2 75.4
63 31.9 27.2 40.8

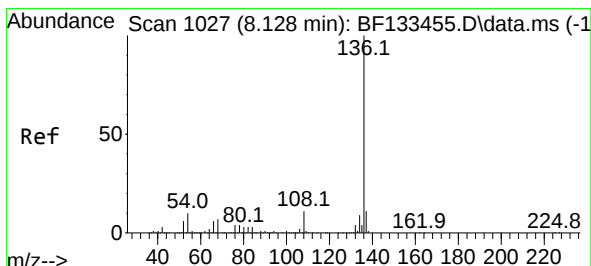
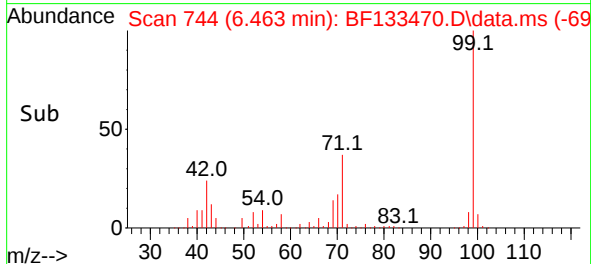
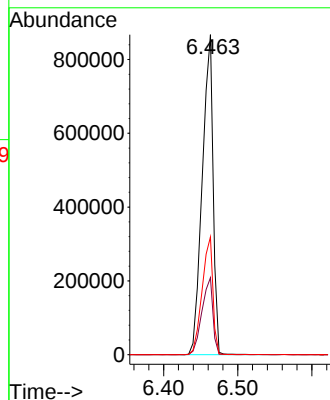
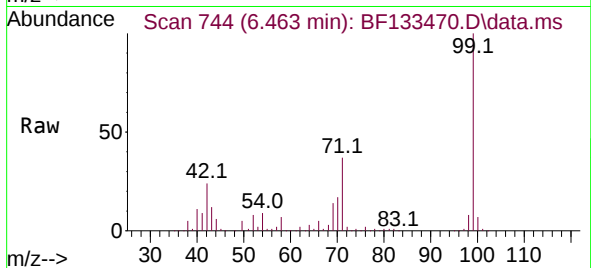




#7
Phenol-d6
Concen: 115.452 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

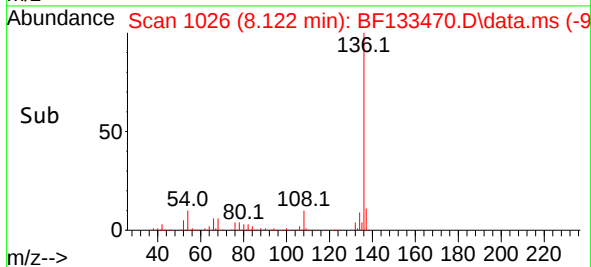
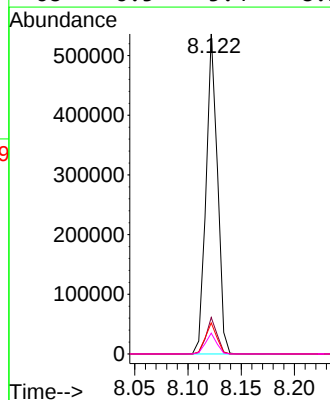
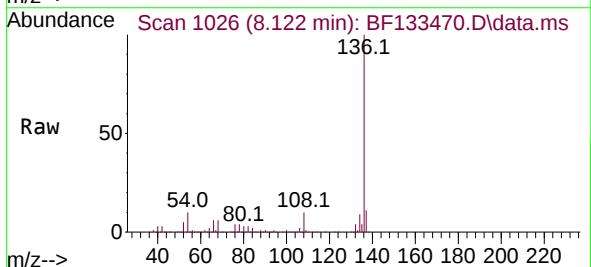
Instrument :
BNA_F
ClientSampleId :
TP-31

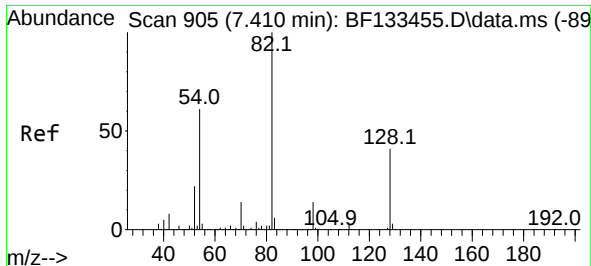
Tgt Ion: 99 Resp: 881857
Ion Ratio Lower Upper
99 100
42 24.1 19.6 29.4
71 36.8 29.5 44.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

Tgt Ion: 136 Resp: 400643
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.7 8.0 12.0
68 6.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 104.053 ng

RT: 7.404 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133470.D

Acq: 24 May 2023 14:51

Instrument :

BNA_F

ClientSampleId :

TP-31

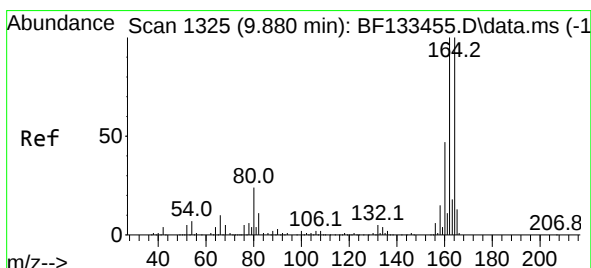
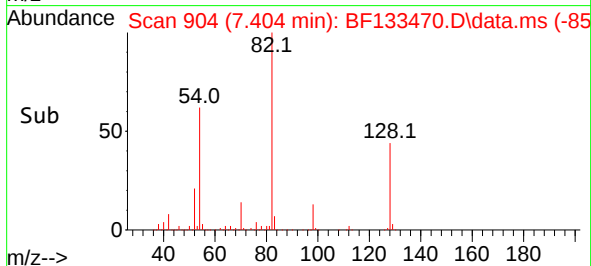
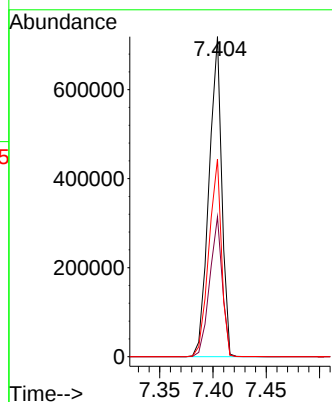
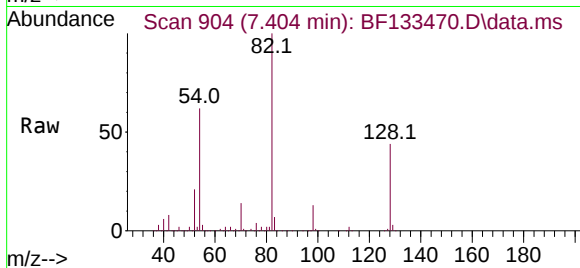
Tgt Ion: 82 Resp: 602990

Ion Ratio Lower Upper

82 100

128 43.7 33.0 49.6

54 61.7 48.5 72.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.005 min

Lab File: BF133470.D

Acq: 24 May 2023 14:51

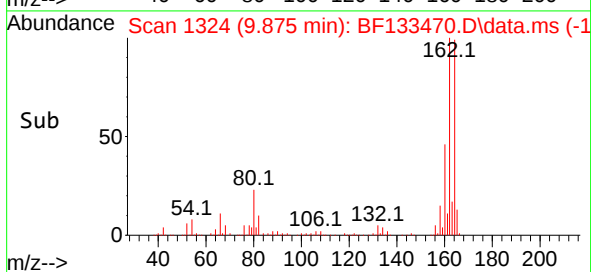
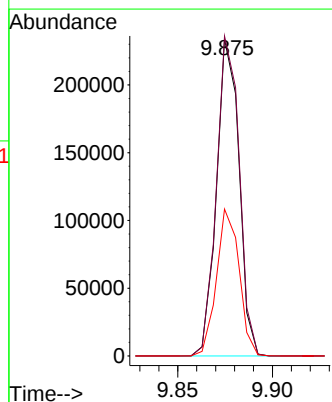
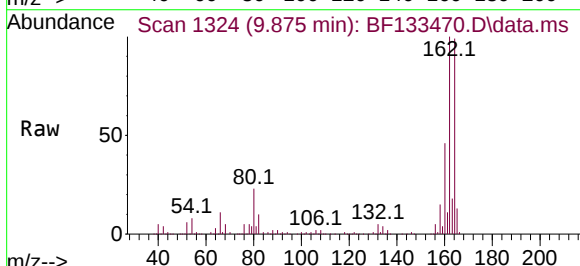
Tgt Ion:164 Resp: 193135

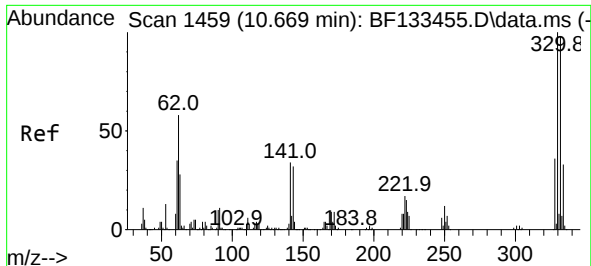
Ion Ratio Lower Upper

164 100

162 101.0 79.8 119.6

160 46.3 37.4 56.0

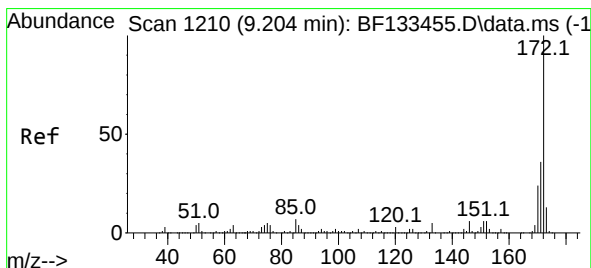
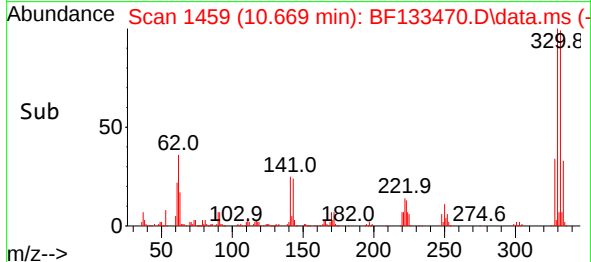
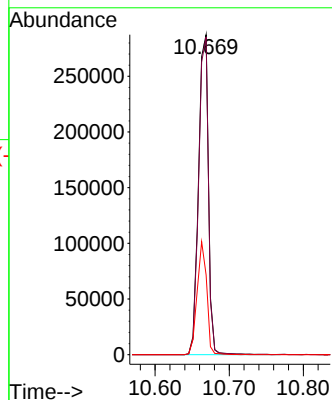
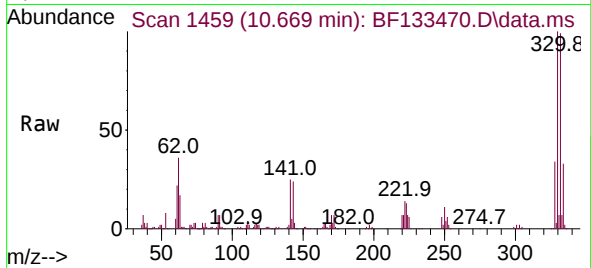




#42
2,4,6-Tribromophenol
Concen: 148.562 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

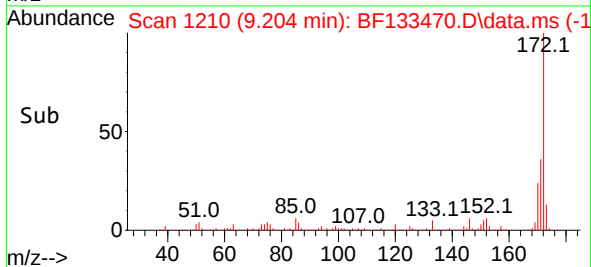
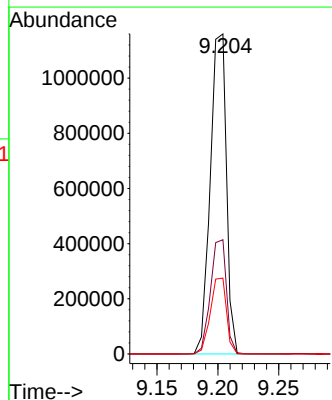
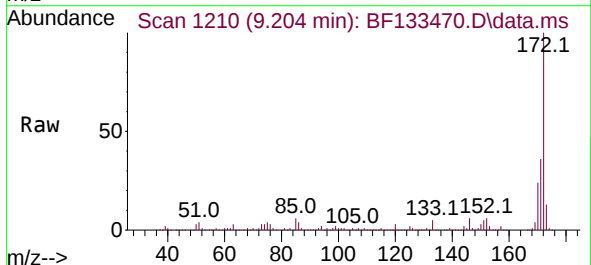
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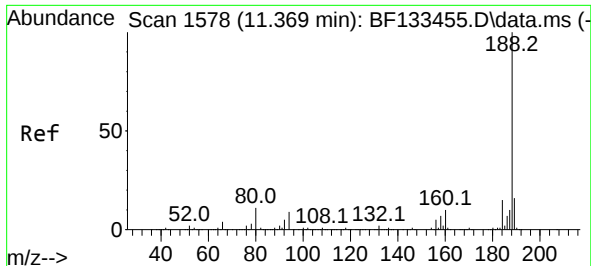
Tgt Ion:330 Resp: 265049
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.6
141 34.1 28.5 42.7



#45
2-Fluorobiphenyl
Concen: 78.167 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

Tgt Ion:172 Resp: 1073032
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.7 19.0 28.4

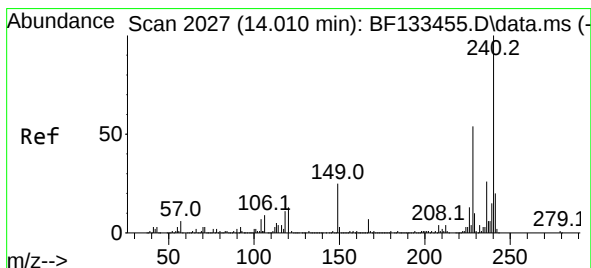
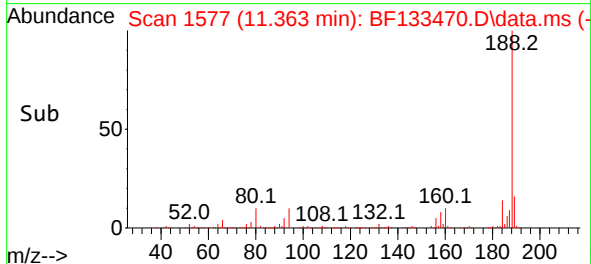
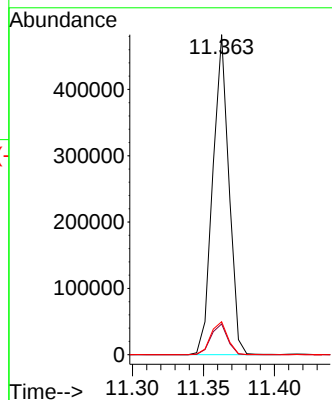
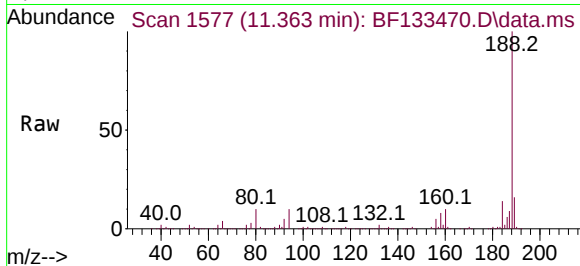




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

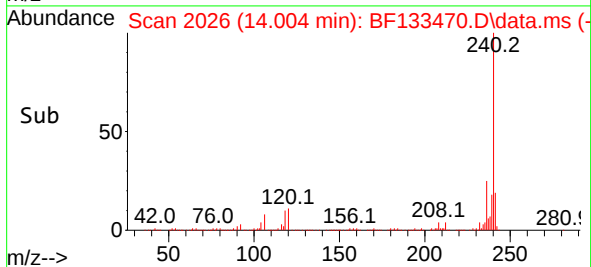
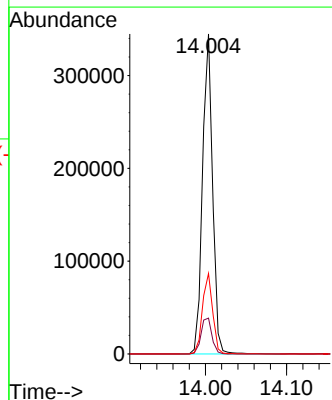
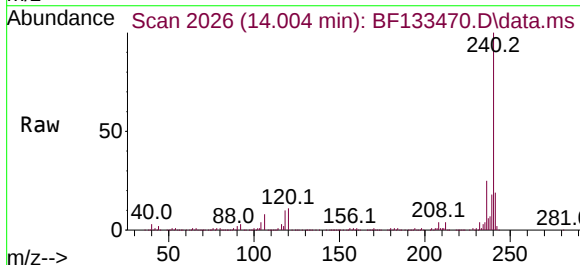
Instrument :
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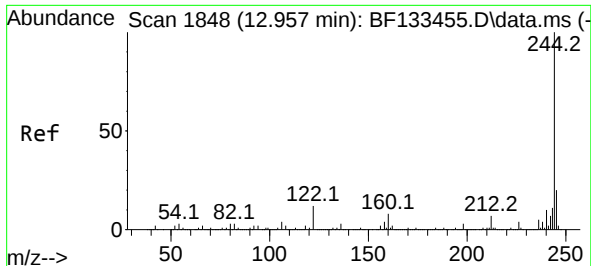
Tgt Ion:188 Resp: 381478
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.3 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

Tgt Ion:240 Resp: 296716
Ion Ratio Lower Upper
240 100
120 11.2 10.2 15.4
236 25.2 20.9 31.3





#79

Terphenyl-d14

Concen: 85.636 ng

RT: 12.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133470.D

Acq: 24 May 2023 14:51

Instrument :

BNA_F

ClientSampleId :

TP-31

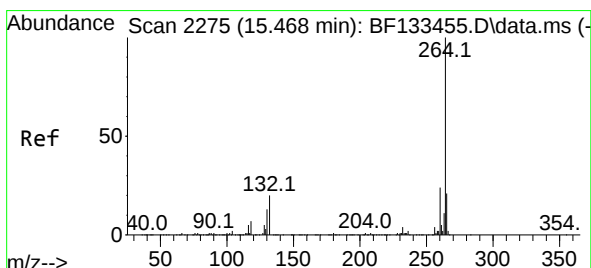
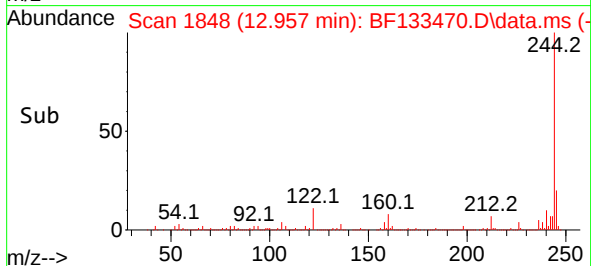
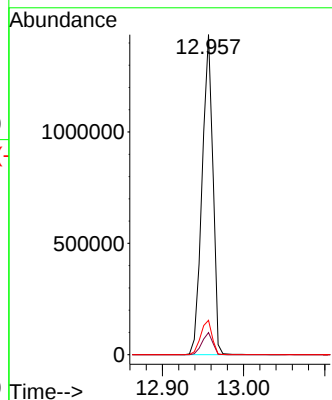
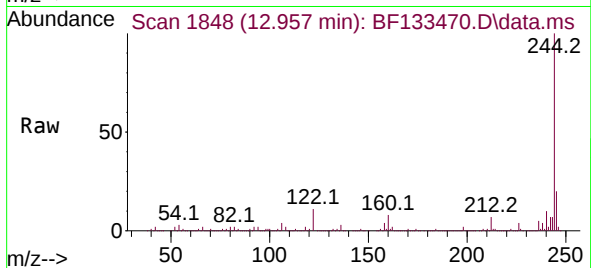
Tgt Ion:244 Resp: 1329009

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.7 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. -0.006 min

Lab File: BF133470.D

Acq: 24 May 2023 14:51

Tgt Ion:264 Resp: 252352

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.3 17.0 25.4

