

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
 Data File : BF133031.D
 Acq On : 25 Apr 2023 14:43
 Operator : CG\JU
 Sample : 02483-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2S-TP1

Quant Time: Apr 25 15:20:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	205705	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	837917	20.000	ng	-0.01
39) Acenaphthene-d10	9.780	164	428873	20.000	ng	-0.01
64) Phenanthrene-d10	11.257	188	807476	20.000	ng	-0.01
76) Chrysene-d12	13.892	240	490488	20.000	ng	-0.02
86) Perylene-d12	15.315	264	393309	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1164534	85.518	ng	0.00
7) Phenol-d6	6.387	99	1403990	83.067	ng	0.00
23) Nitrobenzene-d5	7.304	82	849802	54.742	ng	-0.02
42) 2,4,6-Tribromophenol	10.569	330	339707	78.761	ng	-0.01
45) 2-Fluorobiphenyl	9.104	172	1483563	57.873	ng	-0.01
79) Terphenyl-d14	12.851	244	1805094	63.471	ng	-0.01

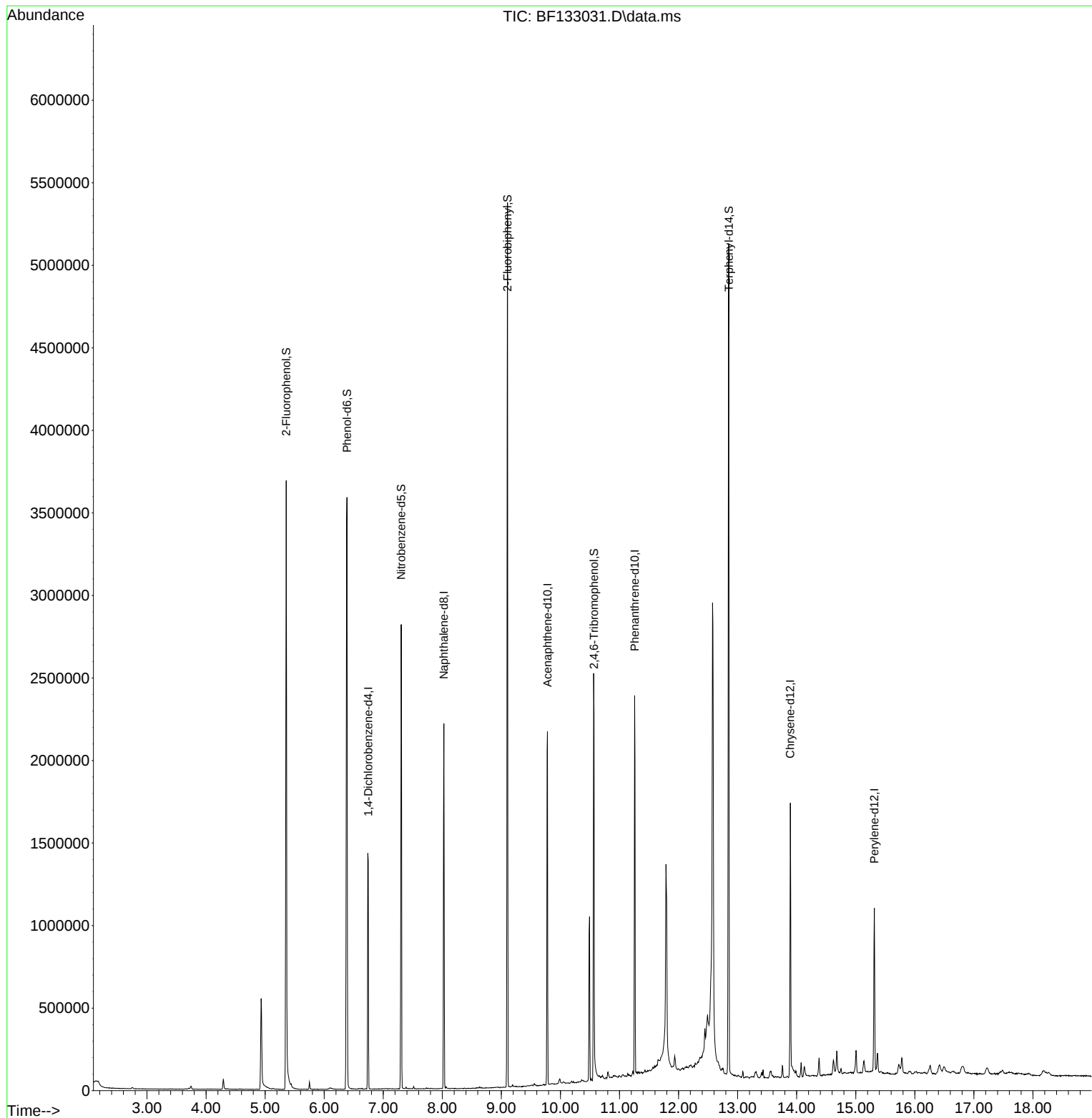
Target Compounds	Qvalue

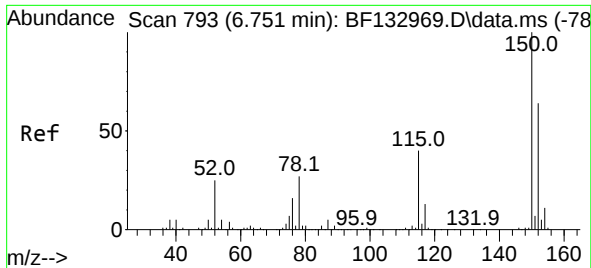
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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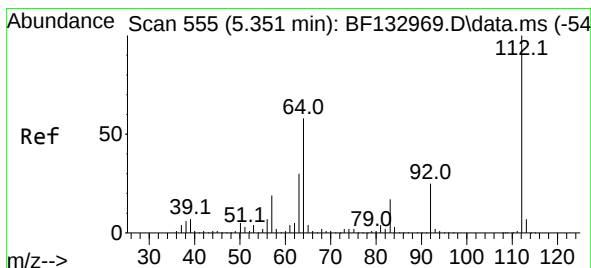
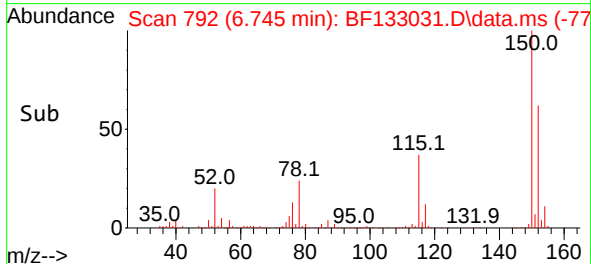
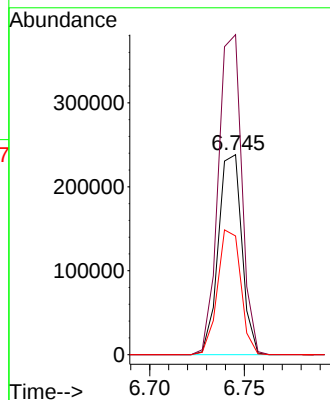
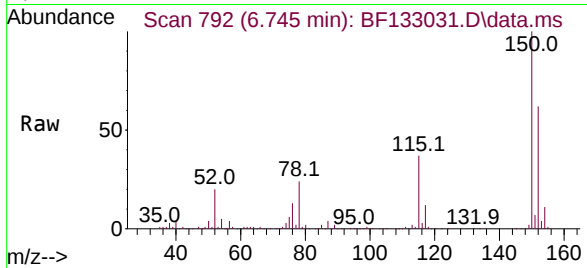




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133031.D
Acq: 25 Apr 2023 14:43

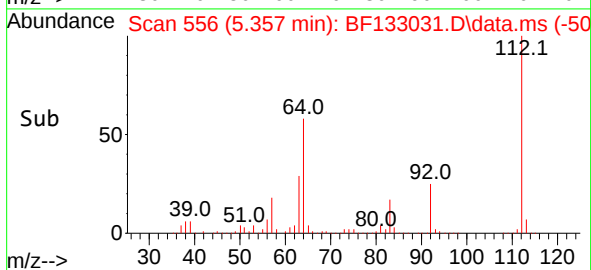
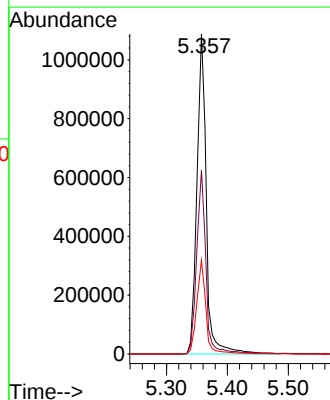
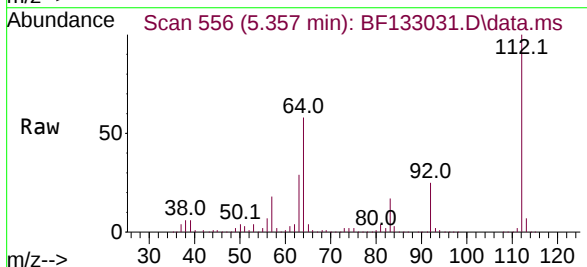
Instrument :
BNA_F
ClientSampleId :
S2S-TP1

Tgt Ion:152 Resp: 205705
Ion Ratio Lower Upper
152 100
150 160.0 124.8 187.2
115 59.4 49.9 74.9



#5
2-Fluorophenol
Concen: 85.518 ng
RT: 5.357 min Scan# 556
Delta R.T. 0.006 min
Lab File: BF133031.D
Acq: 25 Apr 2023 14:43

Tgt Ion:112 Resp: 1164534
Ion Ratio Lower Upper
112 100
64 57.5 46.8 70.2
63 29.4 23.8 35.8

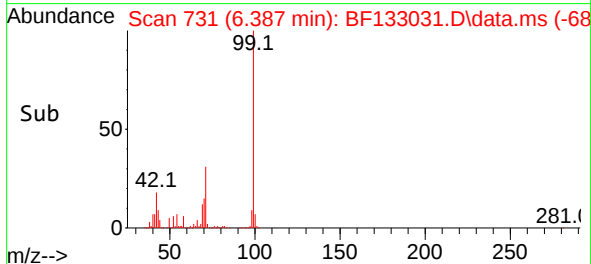
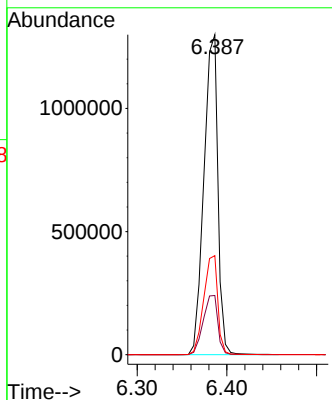
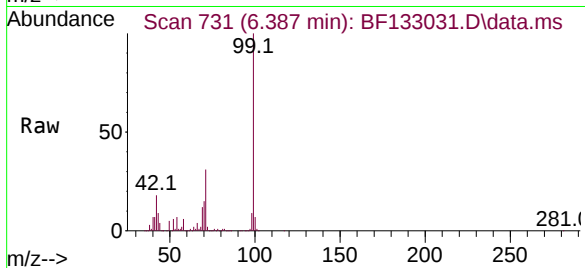




#7
Phenol-d6
Concen: 83.067 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133031.D
Acq: 25 Apr 2023 14:43

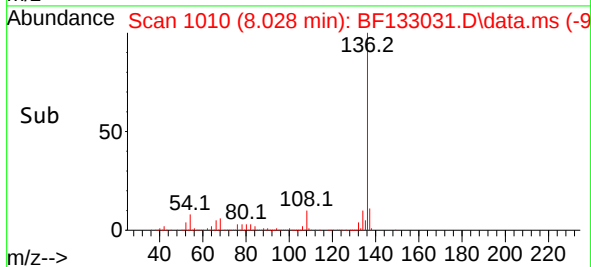
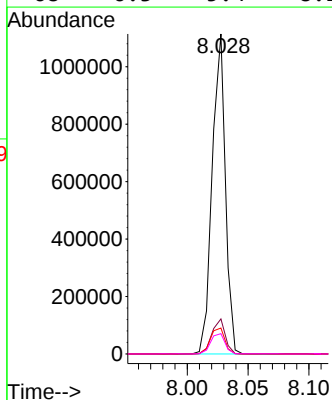
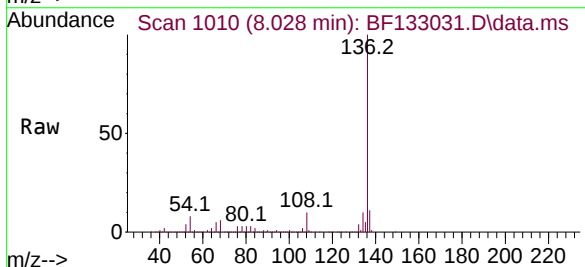
Instrument :
BNA_F
ClientSampleId :
S2S-TP1

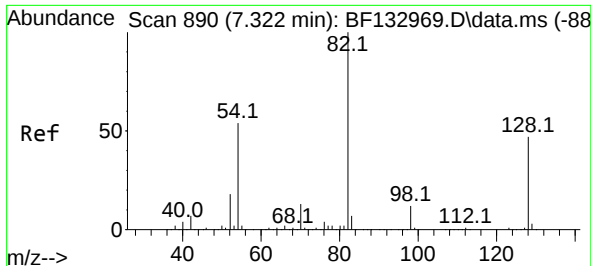
Tgt Ion: 99 Resp: 1403990
Ion Ratio Lower Upper
99 100
42 18.5 16.3 24.5
71 31.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF133031.D
Acq: 25 Apr 2023 14:43

Tgt Ion:136 Resp: 837917
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.1 7.0 10.4
68 6.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 54.742 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF133031.D

Acq: 25 Apr 2023 14:43

Instrument :

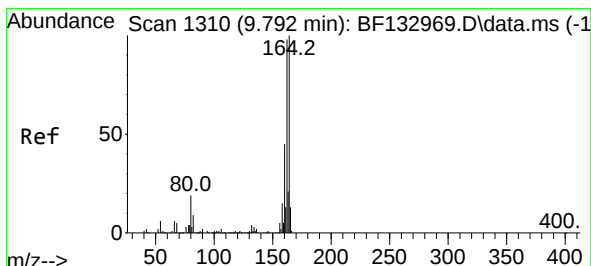
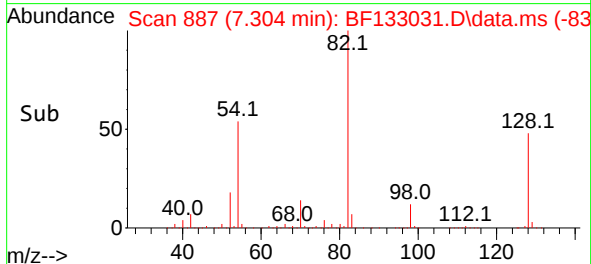
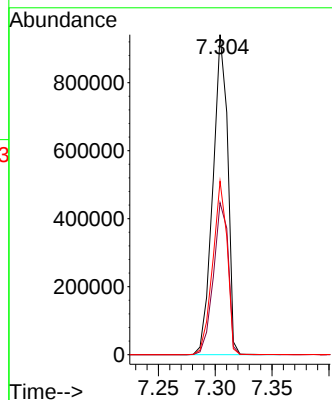
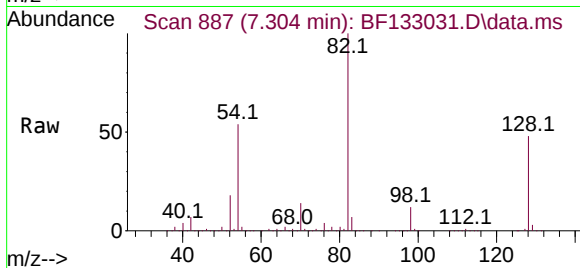
BNA_F

ClientSampleId :

S2S-TP1

Tgt Ion: 82 Resp: 849802

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.7	56.5
54	54.2	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 1308

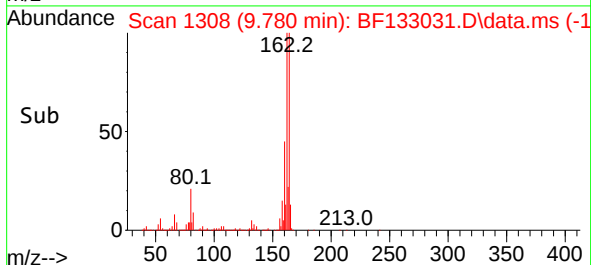
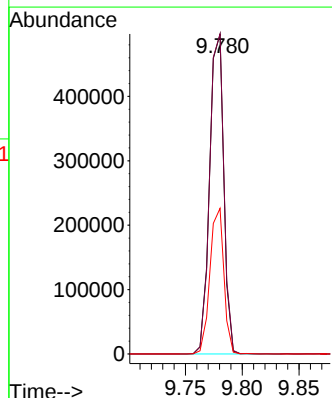
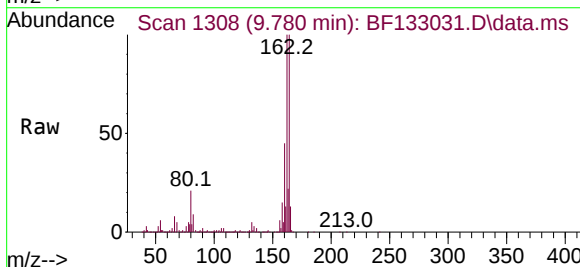
Delta R.T. -0.012 min

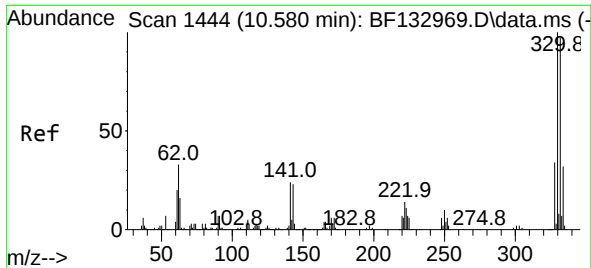
Lab File: BF133031.D

Acq: 25 Apr 2023 14:43

Tgt Ion:164 Resp: 428873

Ion	Ratio	Lower	Upper
164	100		
162	100.1	78.7	118.1
160	45.5	35.8	53.6

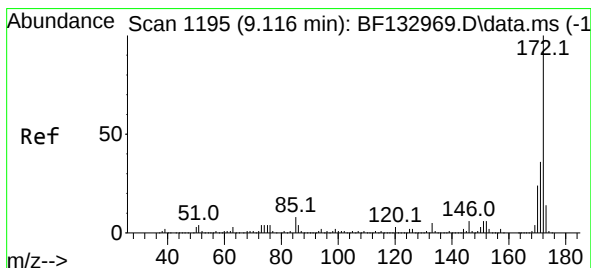
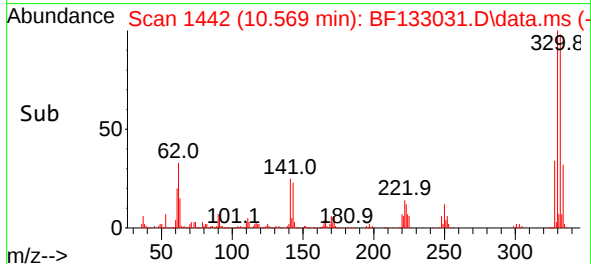
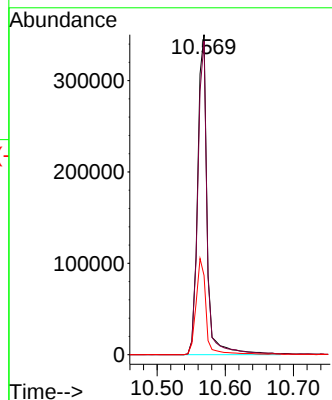
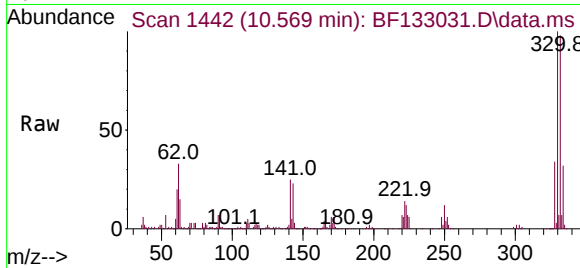




#42
2,4,6-Tribromophenol
Concen: 78.761 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF133031.D
Acq: 25 Apr 2023 14:43

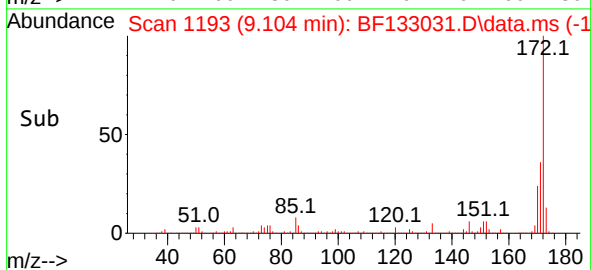
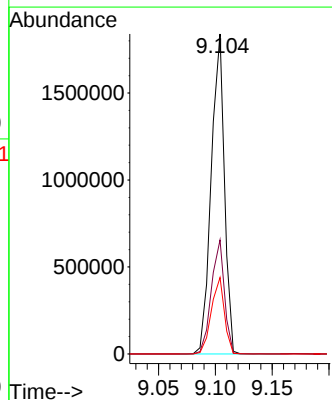
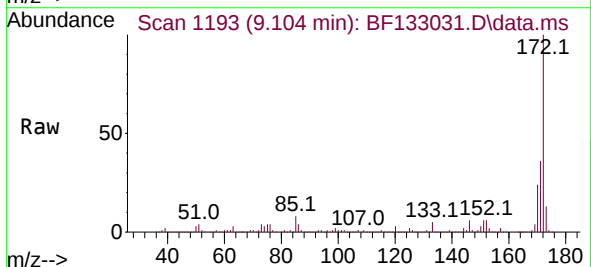
Instrument :
BNA_F
ClientSampleId :
S2S-TP1

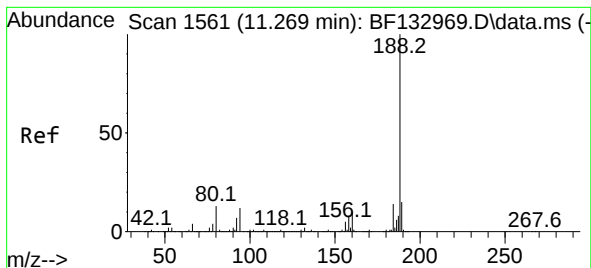
Tgt Ion:330 Resp: 339707
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 31.8 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 57.873 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.012 min
Lab File: BF133031.D
Acq: 25 Apr 2023 14:43

Tgt Ion:172 Resp: 1483563
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.9 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.257 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF133031.D

Acq: 25 Apr 2023 14:43

Instrument :

BNA_F

ClientSampleId :

S2S-TP1

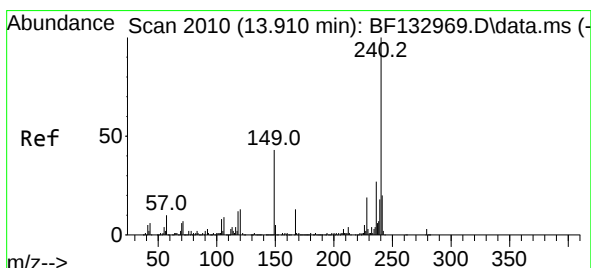
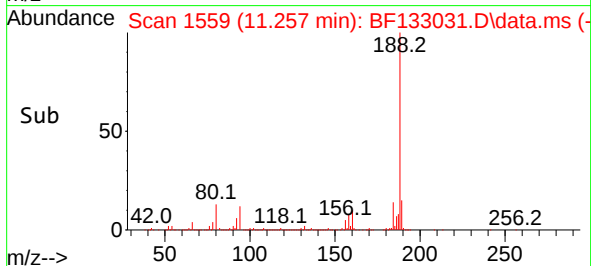
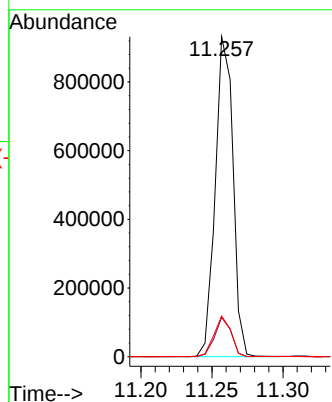
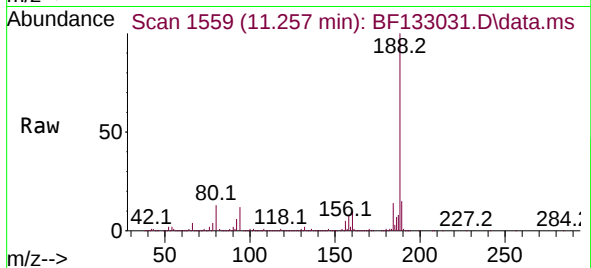
Tgt Ion:188 Resp: 807476

Ion Ratio Lower Upper

188 100

94 12.2 9.7 14.5

80 12.7 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.892 min Scan# 2007

Delta R.T. -0.018 min

Lab File: BF133031.D

Acq: 25 Apr 2023 14:43

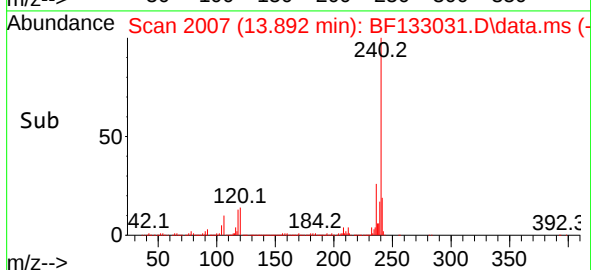
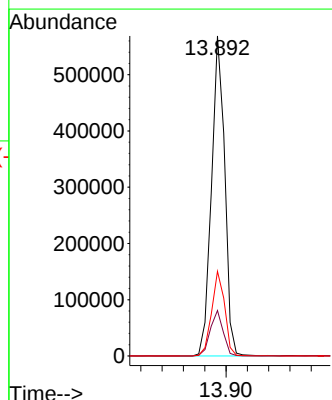
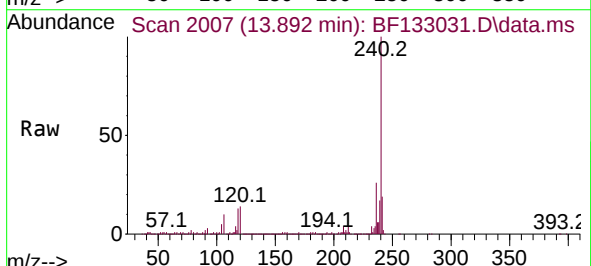
Tgt Ion:240 Resp: 490488

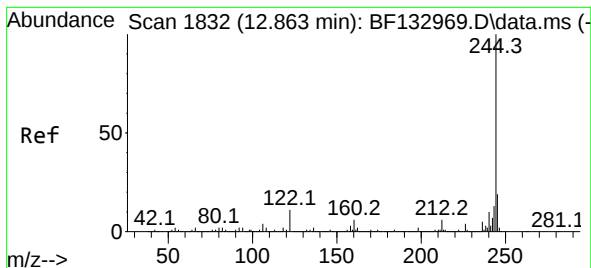
Ion Ratio Lower Upper

240 100

120 14.2 10.5 15.7

236 26.5 21.5 32.3





#79

Terphenyl-d14

Concen: 63.471 ng

RT: 12.851 min Scan# 1830

Delta R.T. -0.012 min

Lab File: BF133031.D

Acq: 25 Apr 2023 14:43

Instrument :

BNA_F

ClientSampleId :

S2S-TP1

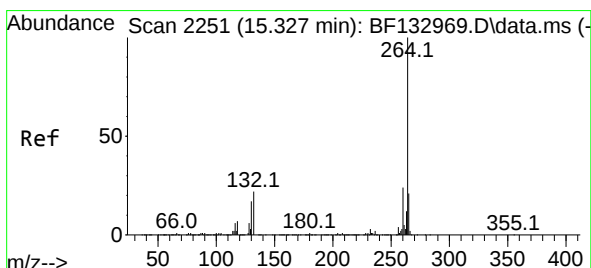
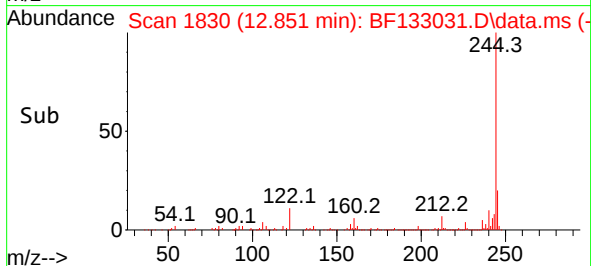
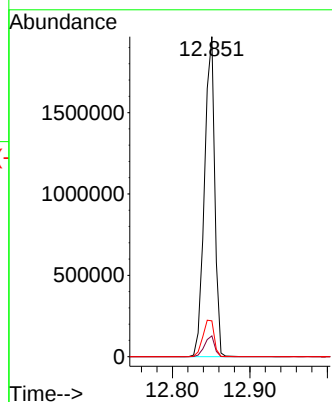
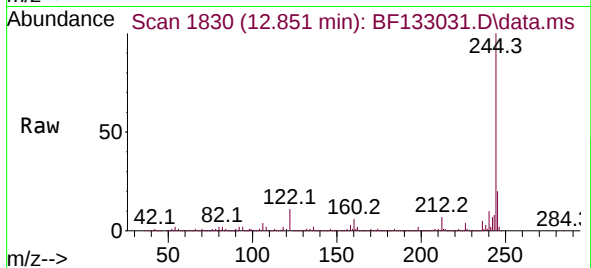
Tgt Ion:244 Resp: 1805094

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 11.2 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.315 min Scan# 2249

Delta R.T. -0.012 min

Lab File: BF133031.D

Acq: 25 Apr 2023 14:43

Tgt Ion:264 Resp: 393309

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 20.9 17.0 25.4

