

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132942.D
 Acq On : 20 Apr 2023 17:57
 Operator : CG\JU
 Sample : PB152222TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152222TB

Quant Time: Apr 21 02:15:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 14:15:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	357116	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	1449801	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	753806	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	1360327	20.000	ng	0.00
76) Chrysene-d12	13.910	240	961297	20.000	ng	# 0.00
86) Perylene-d12	15.345	264	859739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3030039	132.673	ng	0.02
7) Phenol-d6	6.392	99	3842689	131.858	ng	0.00
23) Nitrobenzene-d5	7.328	82	2403200	86.402	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	1059849	140.178	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	3761917	76.666	ng	0.00
79) Terphenyl-d14	12.874	244	4392763	77.961	ng	0.00

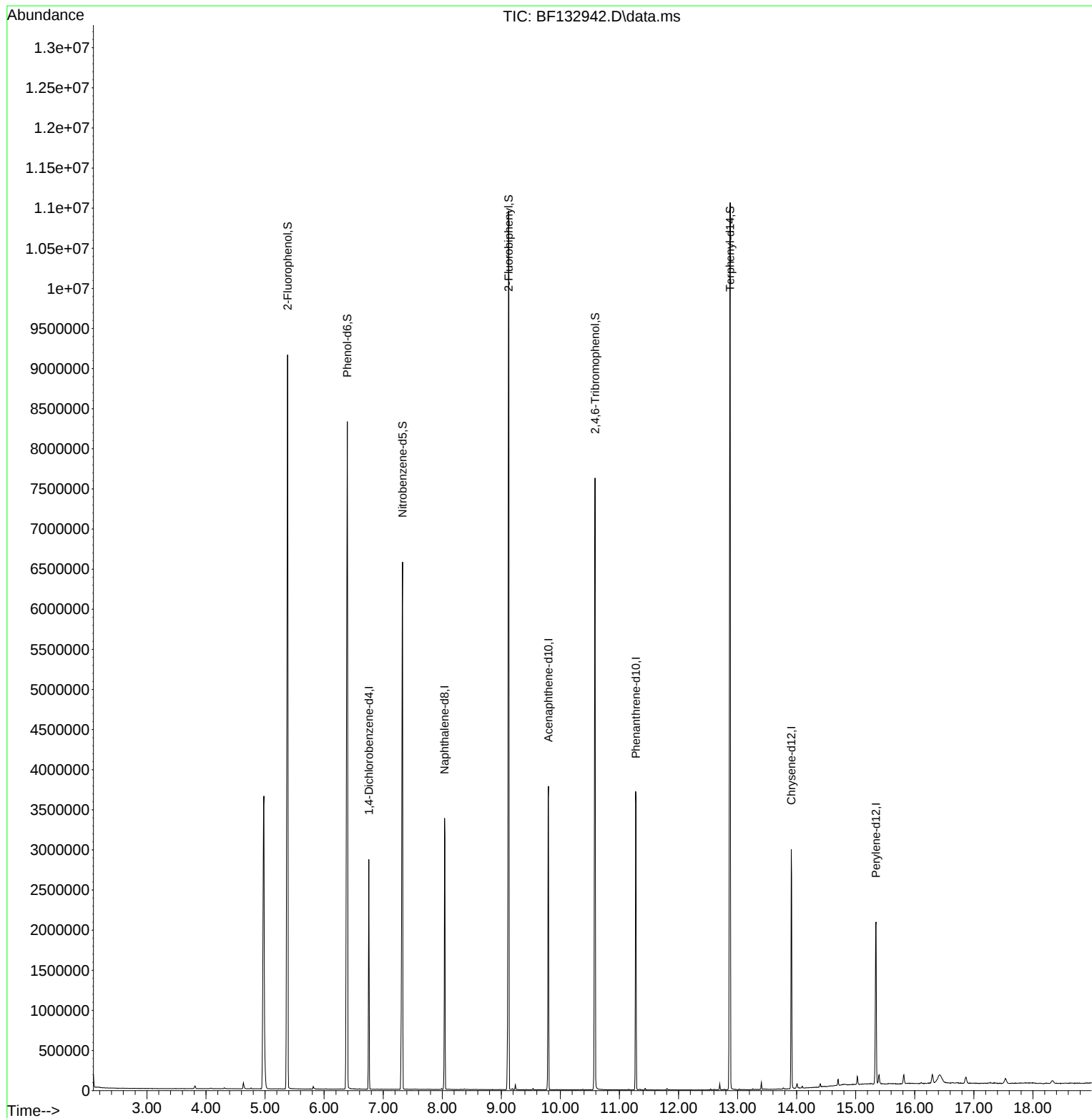
Target Compounds	Qvalue

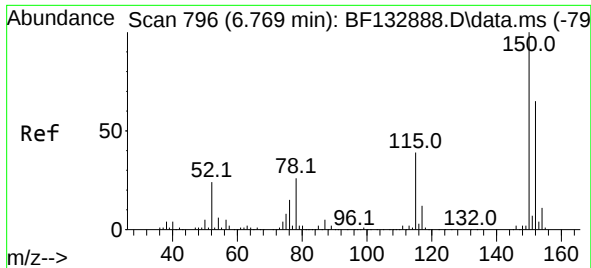
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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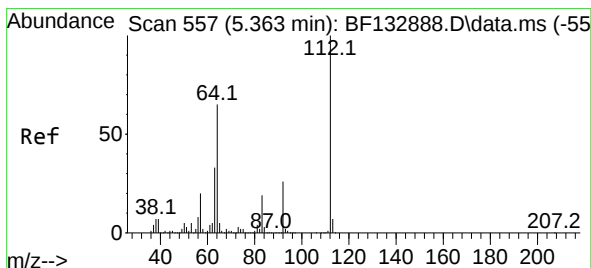
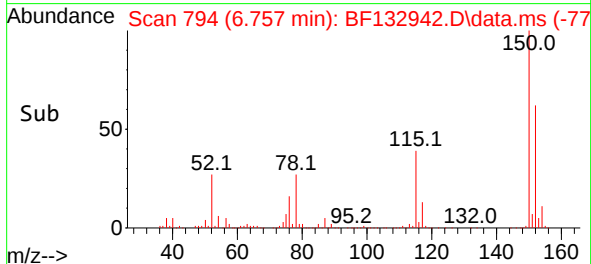
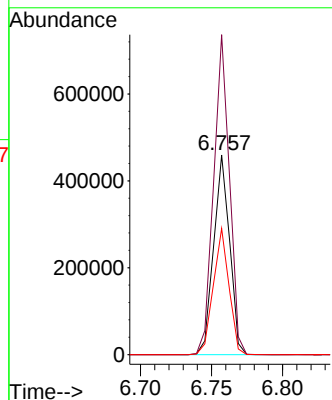
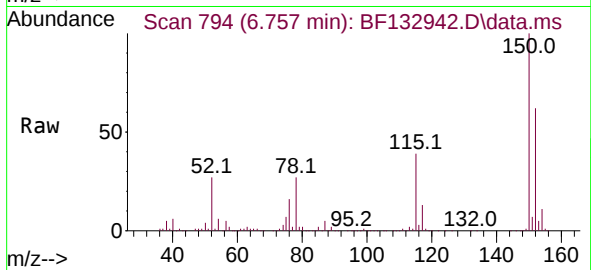




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132942.D
Acq: 20 Apr 2023 17:57

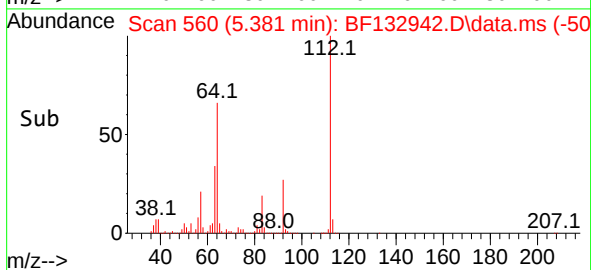
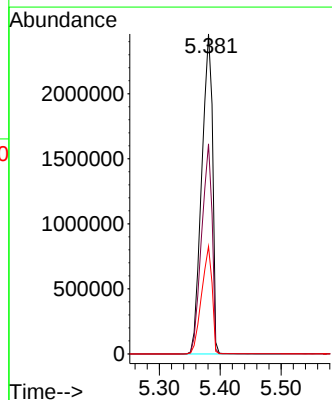
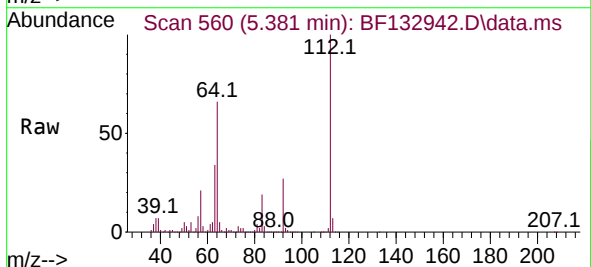
Instrument :
BNA_F
ClientSampleId :
PB152222TB

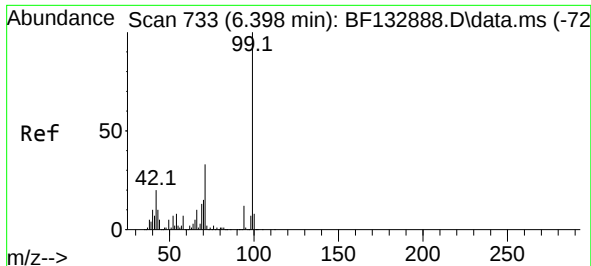
Tgt Ion:152 Resp: 357116
Ion Ratio Lower Upper
152 100
150 160.3 122.8 184.2
115 63.2 47.3 70.9



#5
2-Fluorophenol
Concen: 132.673 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.023 min
Lab File: BF132942.D
Acq: 20 Apr 2023 17:57

Tgt Ion:112 Resp: 3030039
Ion Ratio Lower Upper
112 100
64 65.6 51.8 77.8
63 33.6 26.3 39.5

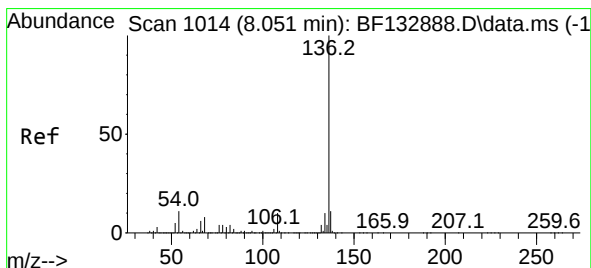
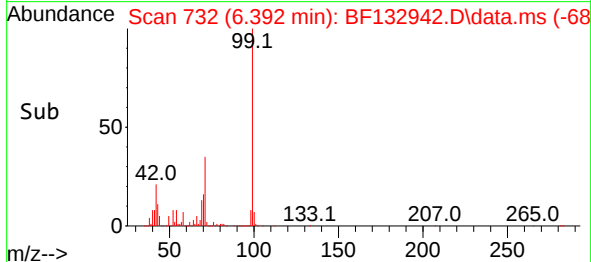
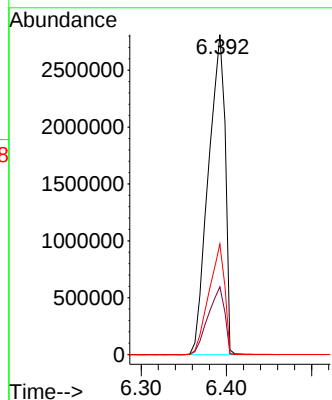
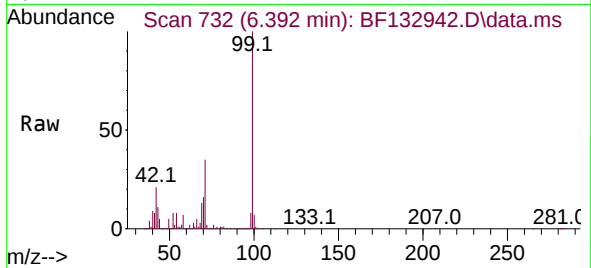




#7
Phenol-d6
Concen: 131.858 ng
RT: 6.392 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF132942.D
Acq: 20 Apr 2023 17:57

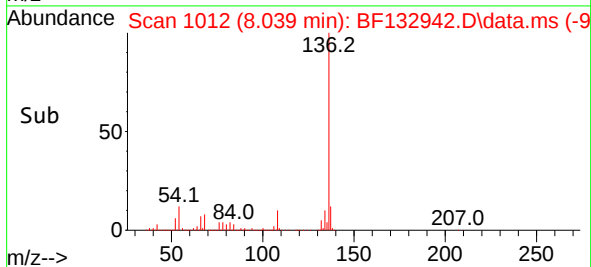
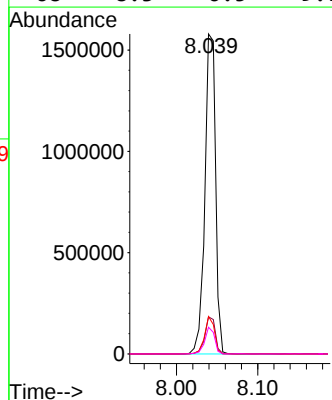
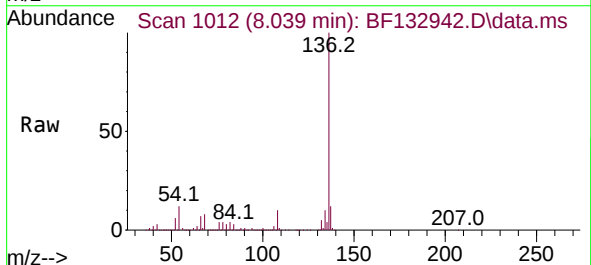
Instrument :
BNA_F
ClientSampleId :
PB152222TB

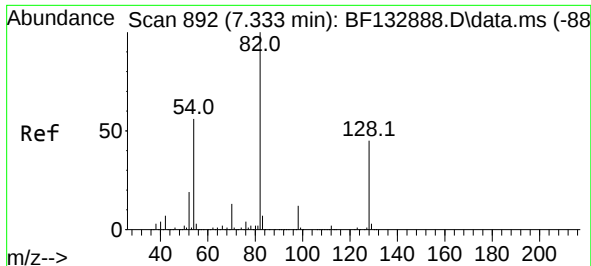
Tgt Ion: 99 Resp: 3842689
Ion Ratio Lower Upper
99 100
42 21.2 16.1 24.1
71 34.5 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF132942.D
Acq: 20 Apr 2023 17:57

Tgt Ion:136 Resp: 1449801
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 11.7 8.9 13.3
68 8.3 6.5 9.7





#23

Nitrobenzene-d5

Concen: 86.402 ng

RT: 7.328 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF132942.D

Acq: 20 Apr 2023 17:57

Instrument :

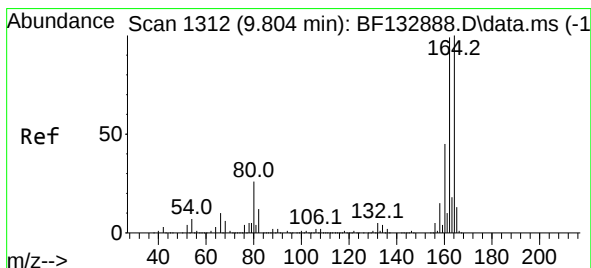
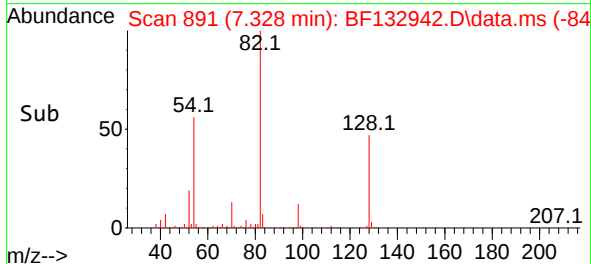
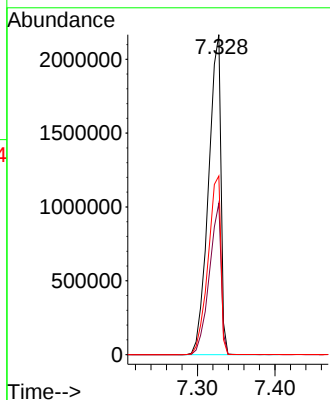
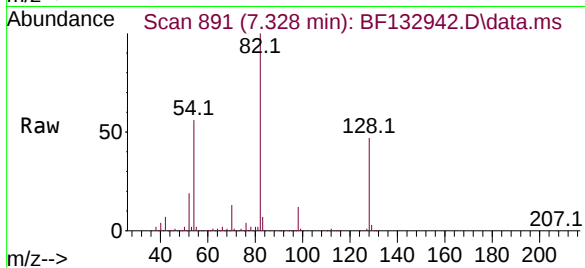
BNA_F

ClientSampleId :

PB152222TB

Tgt Ion: 82 Resp: 2403200

Ion	Ratio	Lower	Upper
82	100		
128	47.3	35.7	53.5
54	55.8	44.7	67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

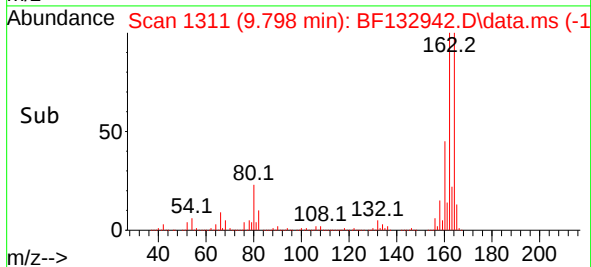
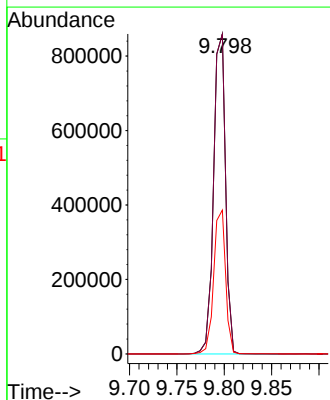
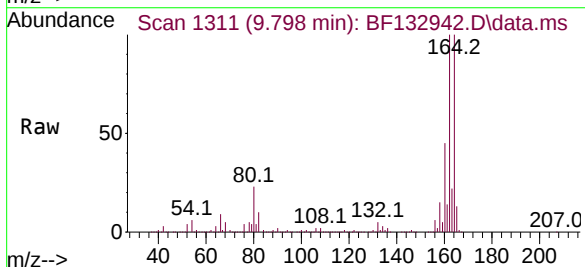
Delta R.T. -0.000 min

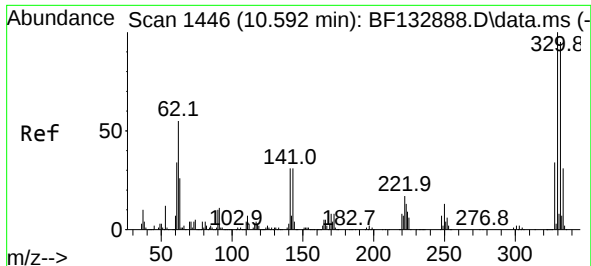
Lab File: BF132942.D

Acq: 20 Apr 2023 17:57

Tgt Ion: 164 Resp: 753806

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.1	118.7
160	44.9	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 140.178 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF132942.D

Acq: 20 Apr 2023 17:57

Instrument :

BNA_F

ClientSampleId :

PB152222TB

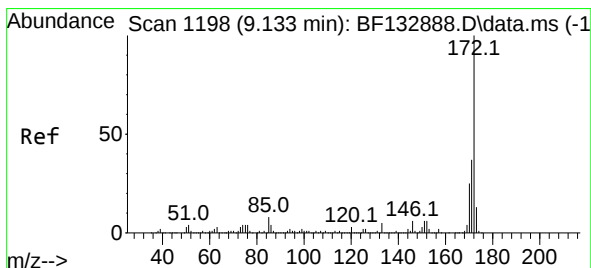
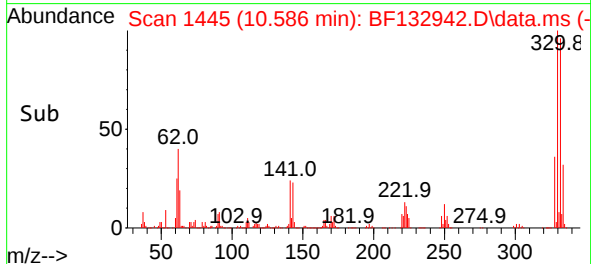
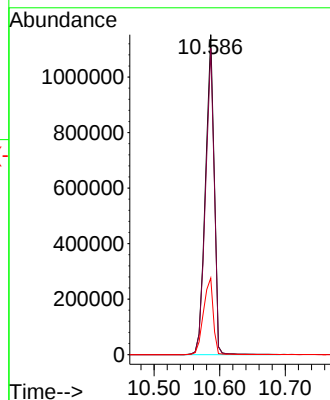
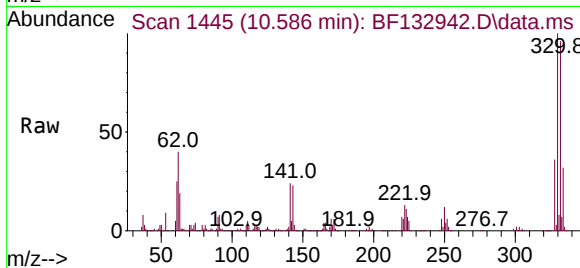
Tgt Ion:330 Resp: 1059849

Ion Ratio Lower Upper

330 100

332 95.6 76.3 114.5

141 26.7 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 76.666 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF132942.D

Acq: 20 Apr 2023 17:57

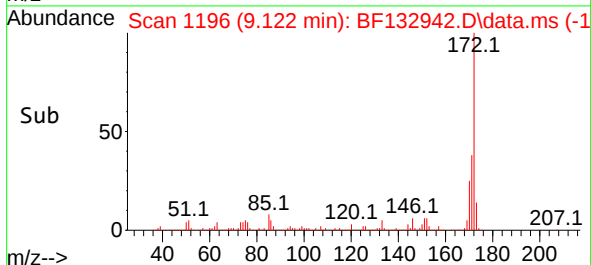
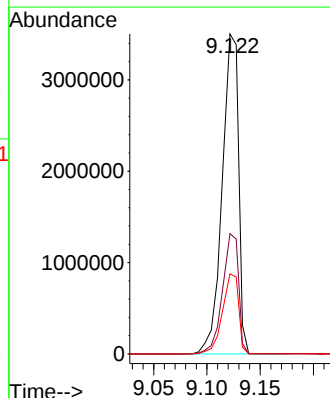
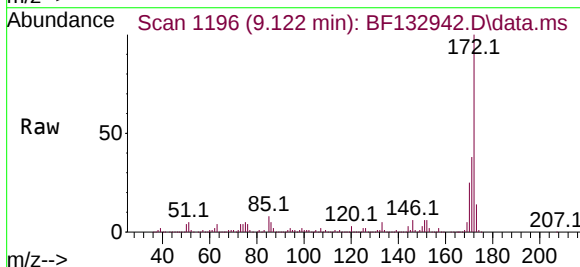
Tgt Ion:172 Resp: 3761917

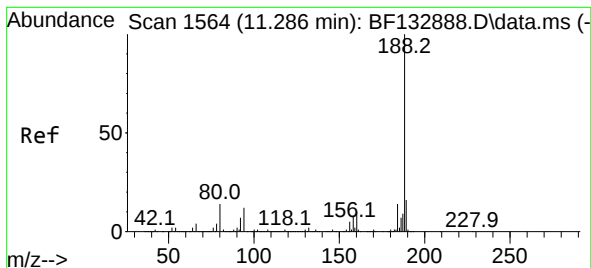
Ion Ratio Lower Upper

172 100

171 37.6 29.4 44.0

170 25.0 20.1 30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132942.D

Acq: 20 Apr 2023 17:57

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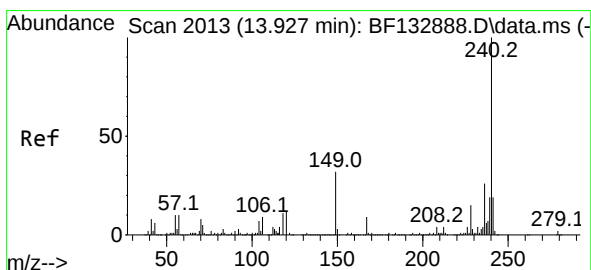
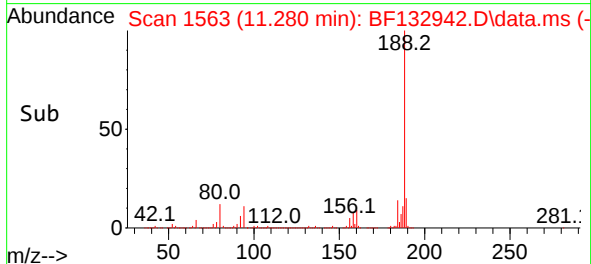
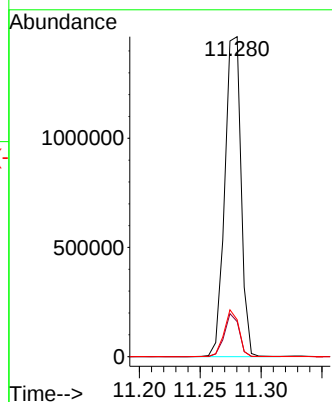
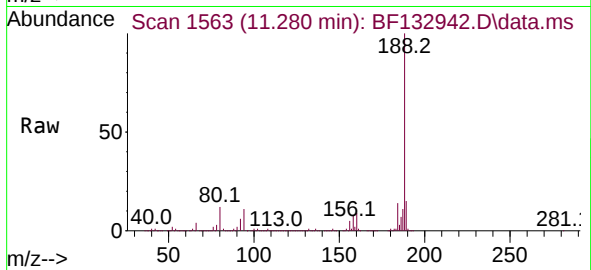
Tgt Ion:188 Resp: 1360327

Ion Ratio Lower Upper

188 100

94 10.9 9.9 14.9

80 11.5 10.8 16.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.910 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF132942.D

Acq: 20 Apr 2023 17:57

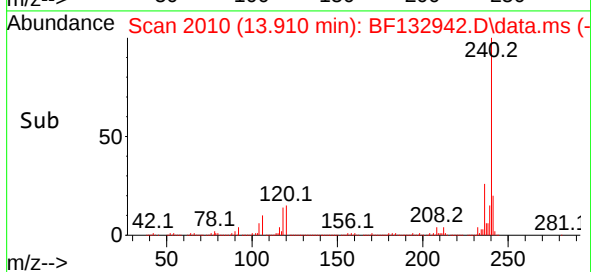
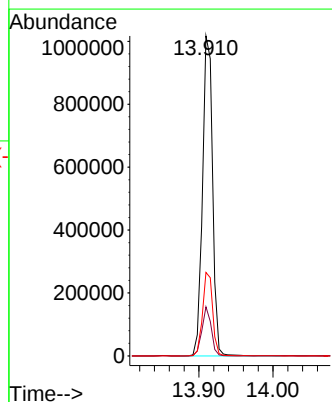
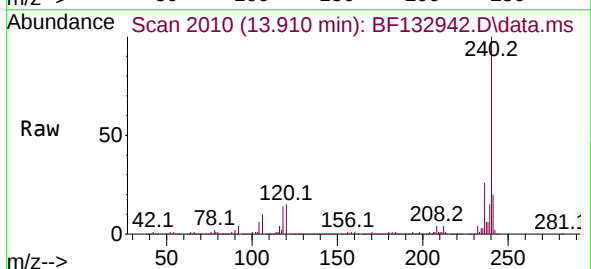
Tgt Ion:240 Resp: 961297

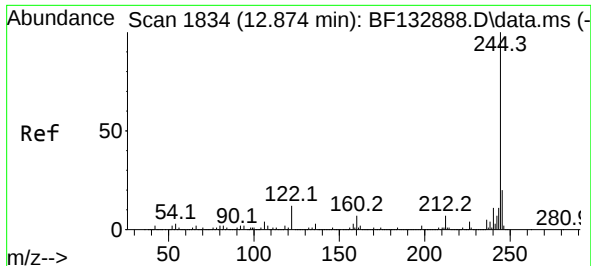
Ion Ratio Lower Upper

240 100

120 15.3 10.0 15.0#

236 26.1 20.8 31.2

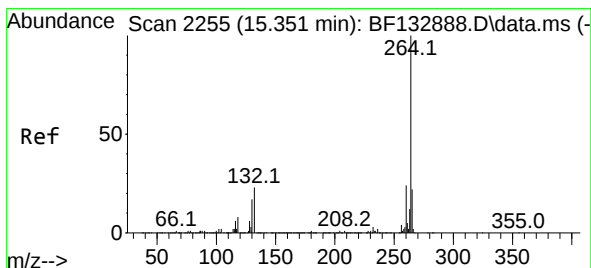
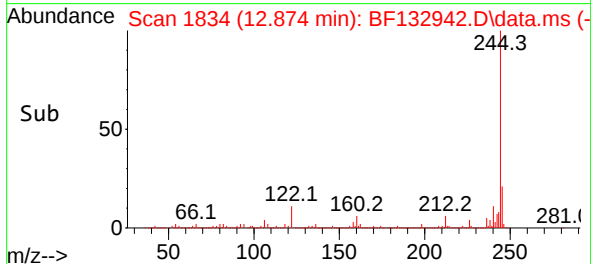
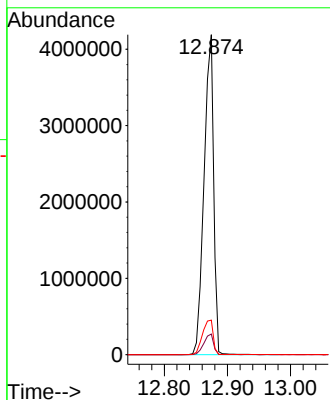
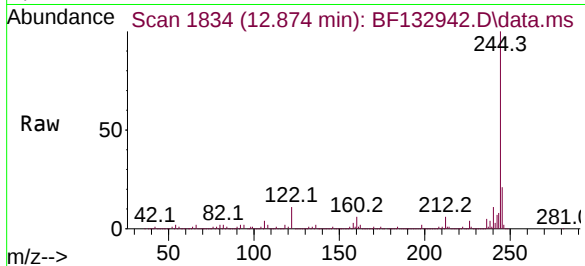




#79
 Terphenyl-d14
 Concen: 77.961 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. 0.006 min
 Lab File: BF132942.D
 Acq: 20 Apr 2023 17:57

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Tgt Ion:244 Resp: 4392763
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 10.8 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.345 min Scan# 2254
 Delta R.T. 0.006 min
 Lab File: BF132942.D
 Acq: 20 Apr 2023 17:57

Tgt Ion:264 Resp: 859739
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.0 28.6
 265 22.0 17.7 26.5

