

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133256.D
 Acq On : 05 May 2023 10:22
 Operator : CG\JU
 Sample : PB152569BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152569BL

Quant Time: May 06 05:45:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	223369	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	954716	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	522801	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	933508	20.000	ng	# 0.00
76) Chrysene-d12	13.874	240	626083	20.000	ng	0.00
86) Perylene-d12	15.292	264	516235	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1783731	120.631	ng	0.02
7) Phenol-d6	6.369	99	2165341	117.981	ng	0.00
23) Nitrobenzene-d5	7.292	82	1338682	75.685	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	545557	103.762	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2190525	70.098	ng	0.00
79) Terphenyl-d14	12.833	244	2514044	69.254	ng	0.00

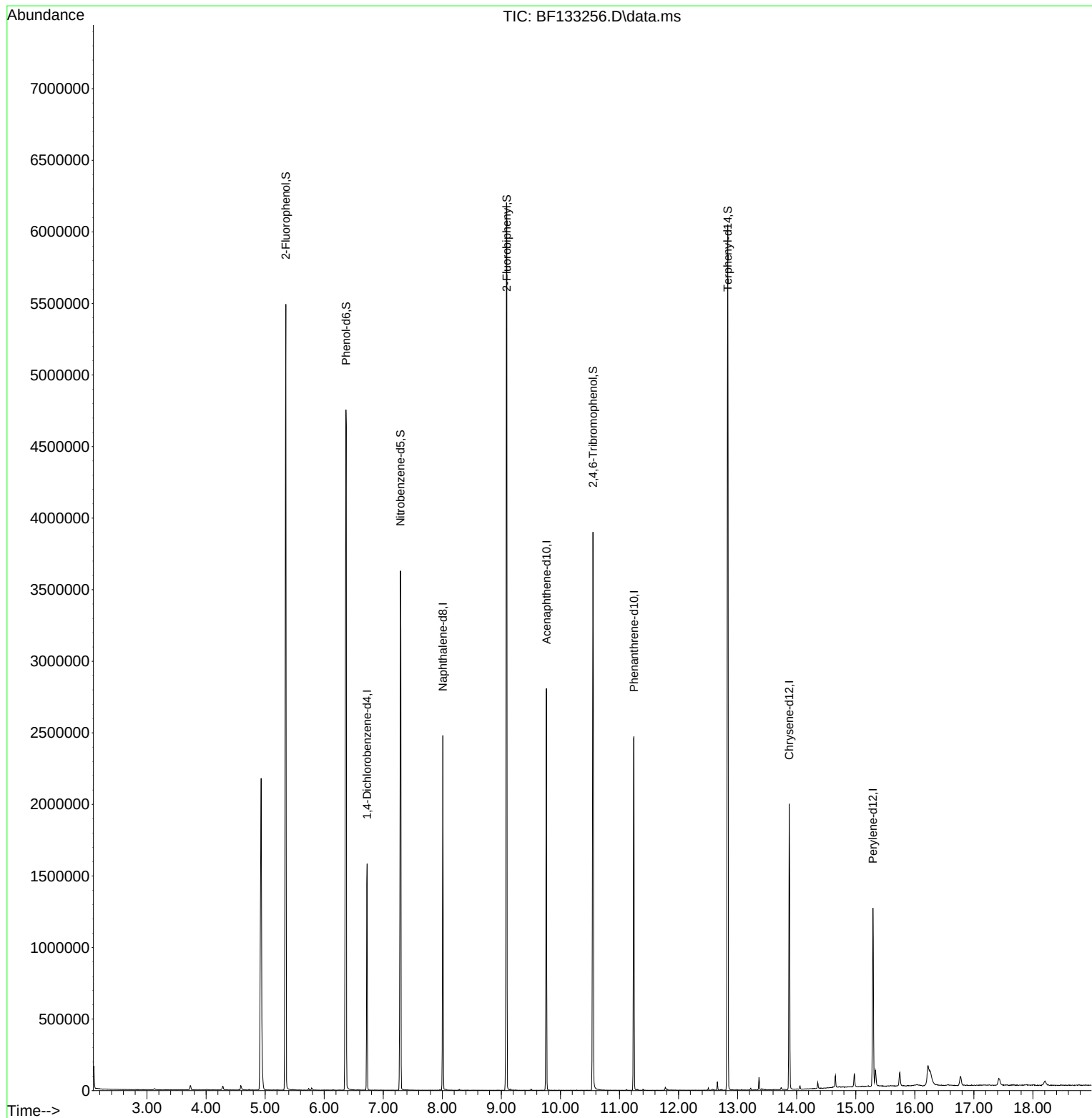
Target Compounds Qvalue

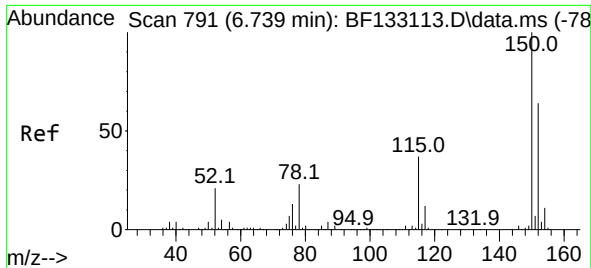
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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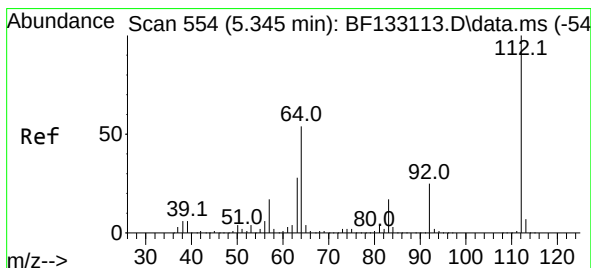
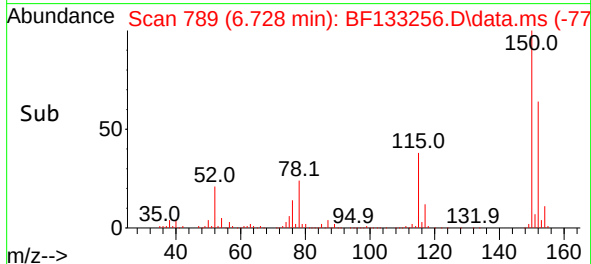
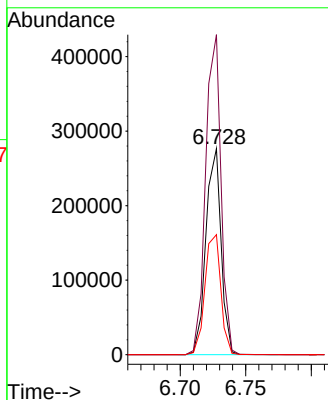
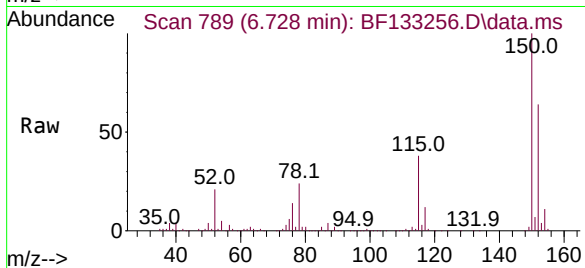




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF133256.D
 Acq: 05 May 2023 10:22

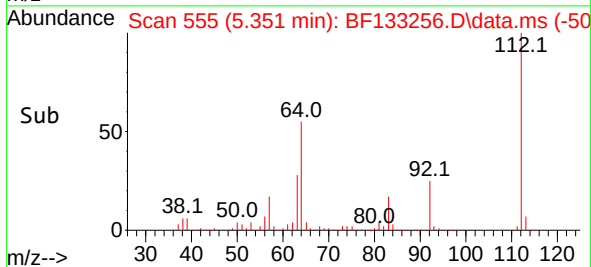
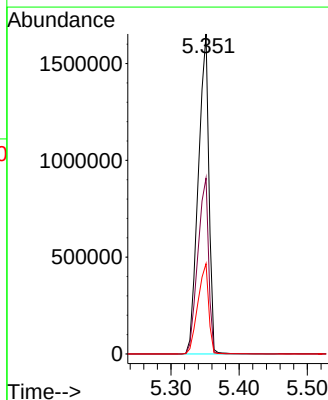
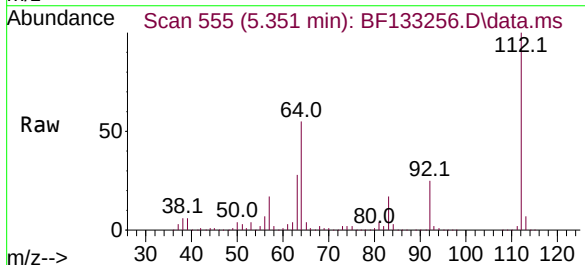
Instrument :
 BNA_F
 ClientSampleId :
 PB152569BL

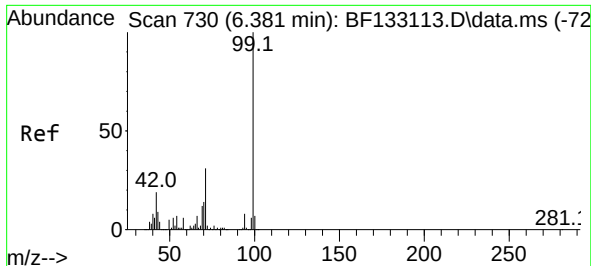
Tgt Ion:152 Resp: 223369
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.8 187.2
 115 58.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 120.631 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.018 min
 Lab File: BF133256.D
 Acq: 05 May 2023 10:22

Tgt Ion:112 Resp: 1783731
 Ion Ratio Lower Upper
 112 100
 64 54.9 46.8 70.2
 63 28.2 23.8 35.8

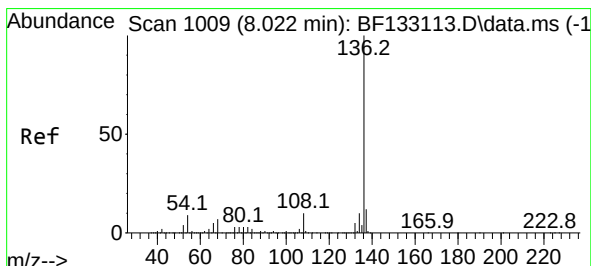
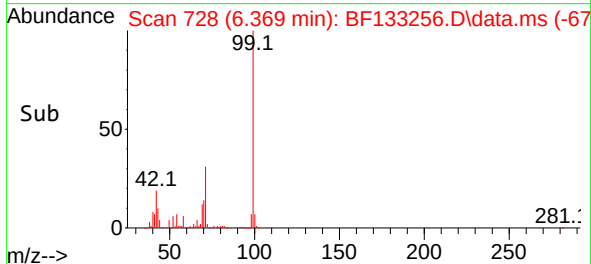
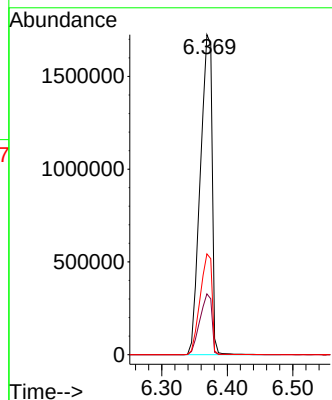
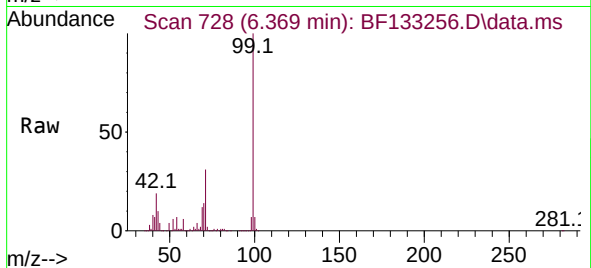




#7
Phenol-d6
Concen: 117.981 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133256.D
Acq: 05 May 2023 10:22

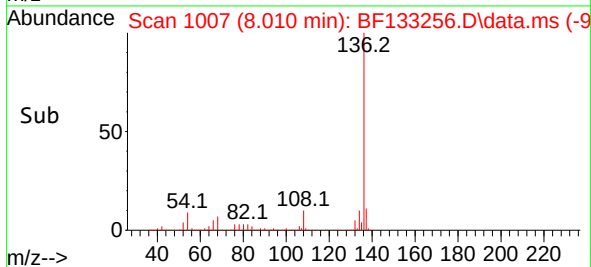
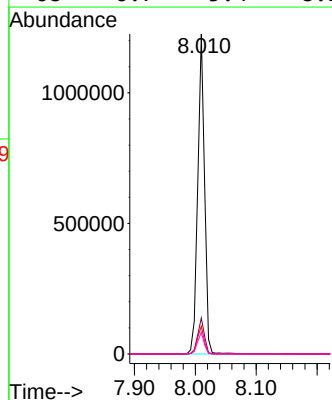
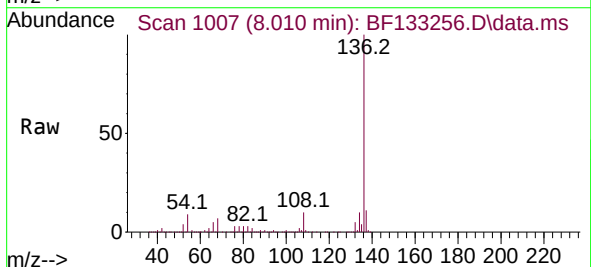
Instrument :
BNA_F
ClientSampleId :
PB152569BL

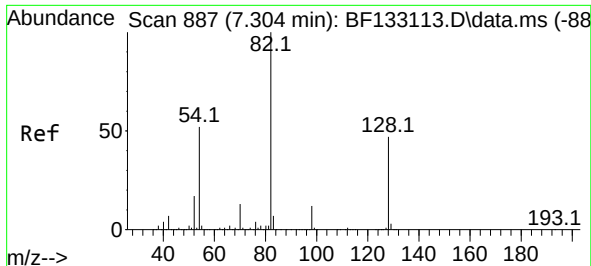
Tgt Ion: 99 Resp: 2165341
Ion Ratio Lower Upper
99 100
42 19.0 16.3 24.5
71 31.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133256.D
Acq: 05 May 2023 10:22

Tgt Ion: 136 Resp: 954716
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.7 7.0 10.4
68 6.7 5.4 8.2





#23

Nitrobenzene-d5

Concen: 75.685 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133256.D

Acq: 05 May 2023 10:22

Instrument :

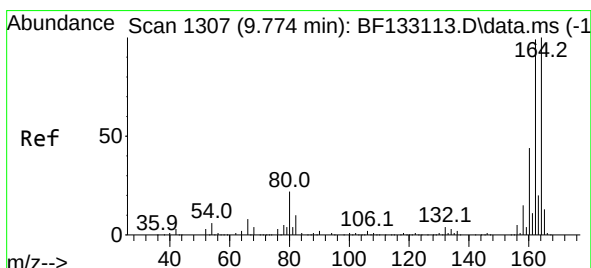
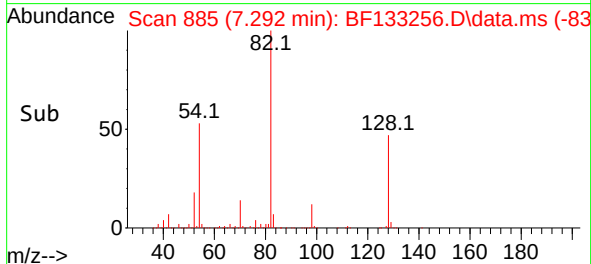
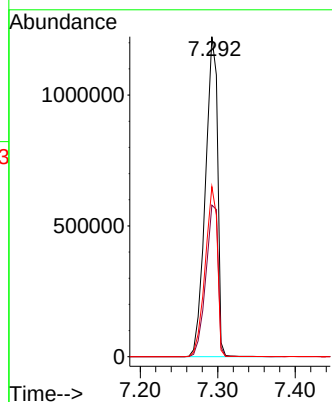
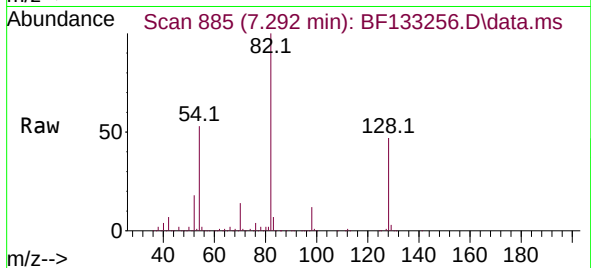
BNA_F

ClientSampleId :

PB152569BL

Tgt Ion: 82 Resp: 1338682

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.7	56.5
54	53.2	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1305

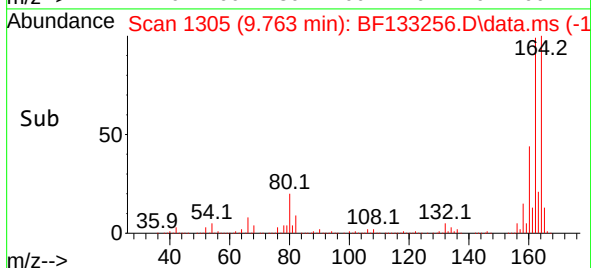
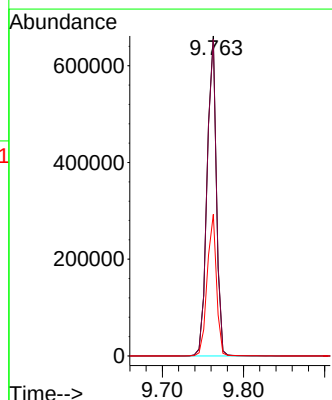
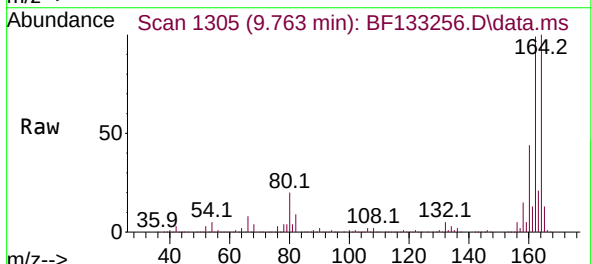
Delta R.T. -0.000 min

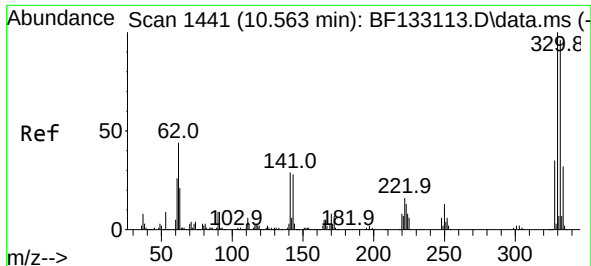
Lab File: BF133256.D

Acq: 05 May 2023 10:22

Tgt Ion: 164 Resp: 522801

Ion	Ratio	Lower	Upper
164	100		
162	98.9	78.7	118.1
160	44.2	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 103.762 ng

RT: 10.551 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF133256.D

Acq: 05 May 2023 10:22

Instrument :

BNA_F

ClientSampleId :

PB152569BL

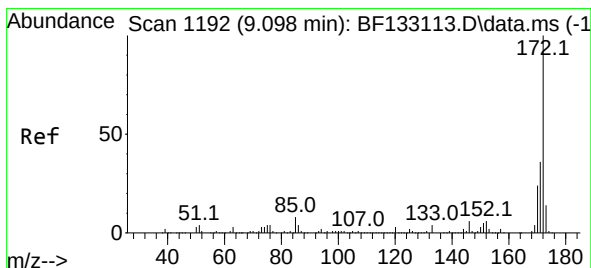
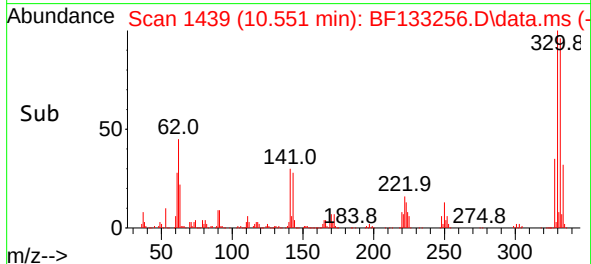
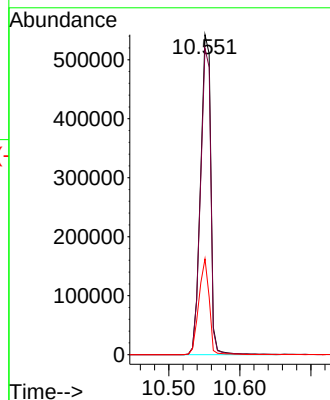
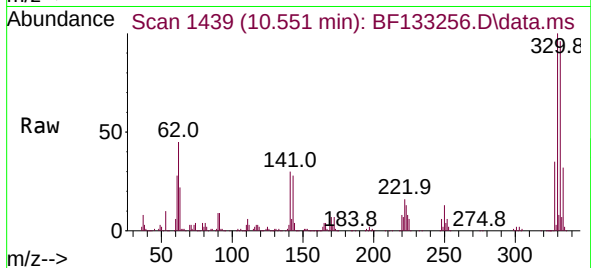
Tgt Ion:330 Resp: 545557

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

141 30.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 70.098 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF133256.D

Acq: 05 May 2023 10:22

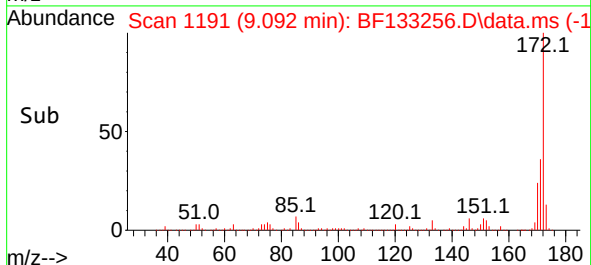
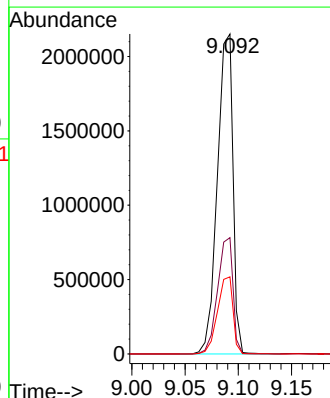
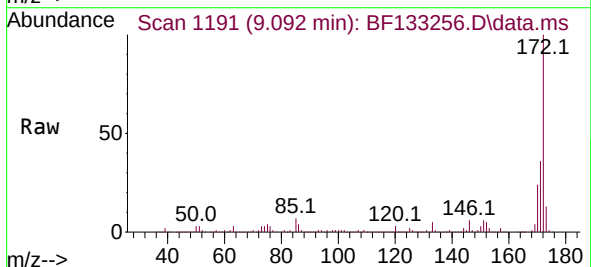
Tgt Ion:172 Resp: 2190525

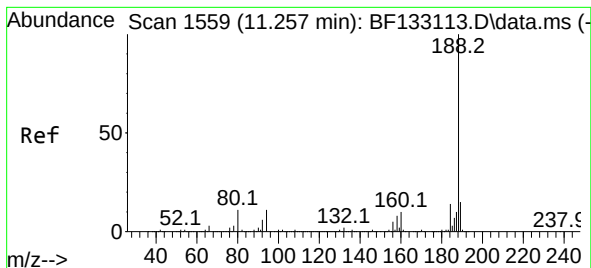
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.1 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133256.D

Acq: 05 May 2023 10:22

Instrument :

BNA_F

ClientSampleId :

PB152569BL

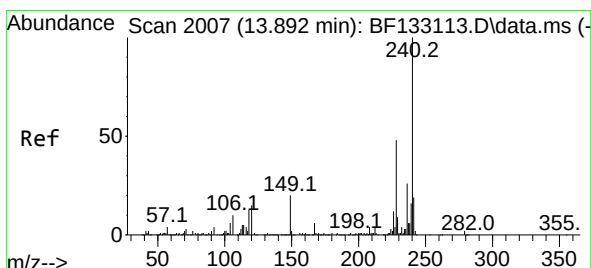
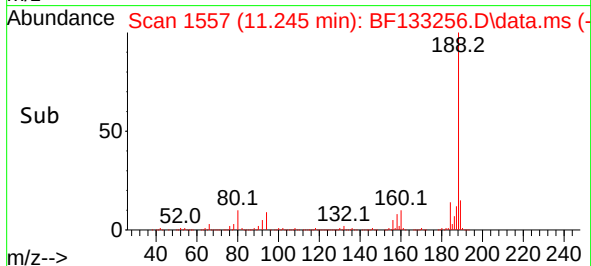
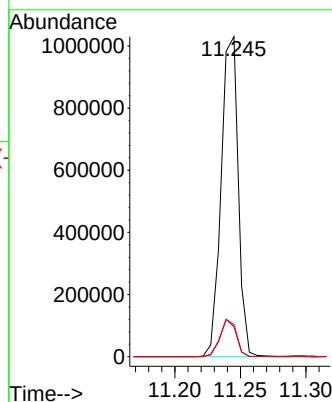
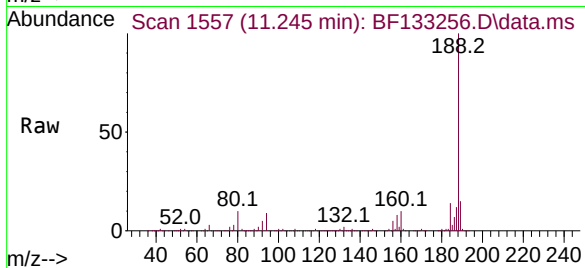
Tgt Ion:188 Resp: 933508

Ion Ratio Lower Upper

188 100

94 9.4 9.7 14.5#

80 10.0 10.4 15.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BF133256.D

Acq: 05 May 2023 10:22

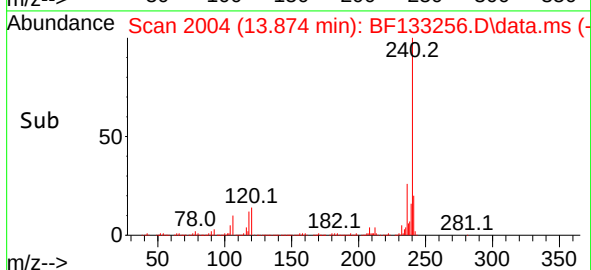
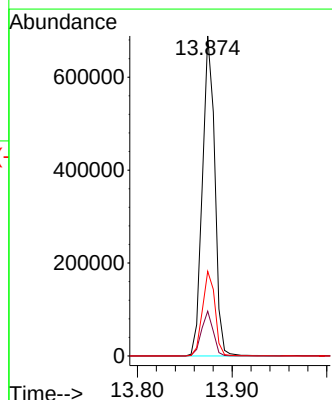
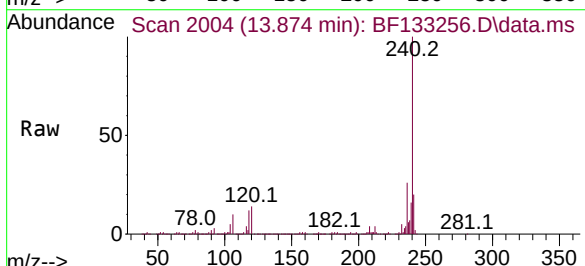
Tgt Ion:240 Resp: 626083

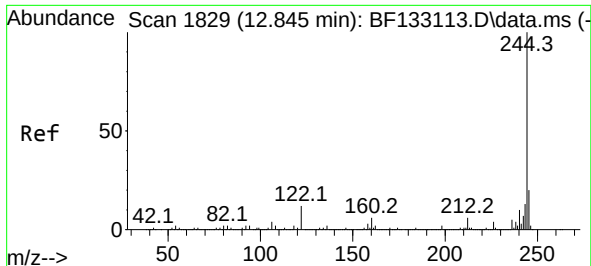
Ion Ratio Lower Upper

240 100

120 14.0 10.5 15.7

236 26.4 21.5 32.3

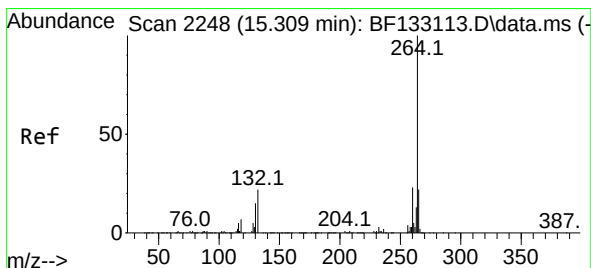
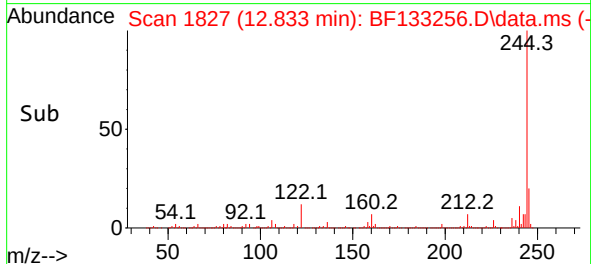
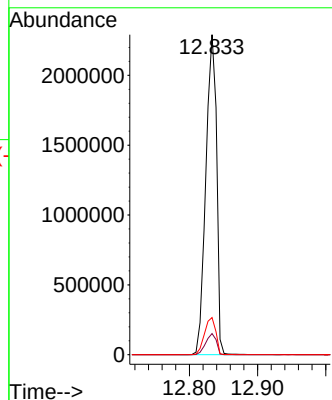
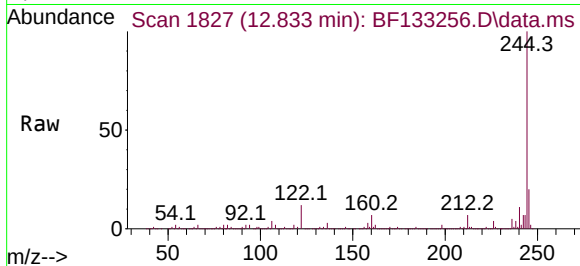




#79
 Terphenyl-d14
 Concen: 69.254 ng
 RT: 12.833 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133256.D
 Acq: 05 May 2023 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB152569BL

Tgt Ion:244 Resp: 2514044
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.6 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. -0.000 min
 Lab File: BF133256.D
 Acq: 05 May 2023 10:22

Tgt Ion:264 Resp: 516235
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 21.4 17.0 25.4

