

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133171.D
 Acq On : 01 May 2023 23:19
 Operator : CG\JU
 Sample : 02557-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042823-B

Quant Time: May 02 05:24:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	199272	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	714565	20.000	ng	# 0.00
39) Acenaphthene-d10	9.763	164	355010	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	555856	20.000	ng	0.00
76) Chrysene-d12	13.880	240	379865	20.000	ng	-0.01
86) Perylene-d12	15.304	264	368574	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1021148	77.410	ng	0.00
7) Phenol-d6	6.369	99	1239119	75.679	ng	0.00
23) Nitrobenzene-d5	7.292	82	640933	48.415	ng	-0.01
42) 2,4,6-Tribromophenol	10.551	330	235259	65.893	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	1228028	57.871	ng	0.00
79) Terphenyl-d14	12.833	244	1026361	46.599	ng	0.00

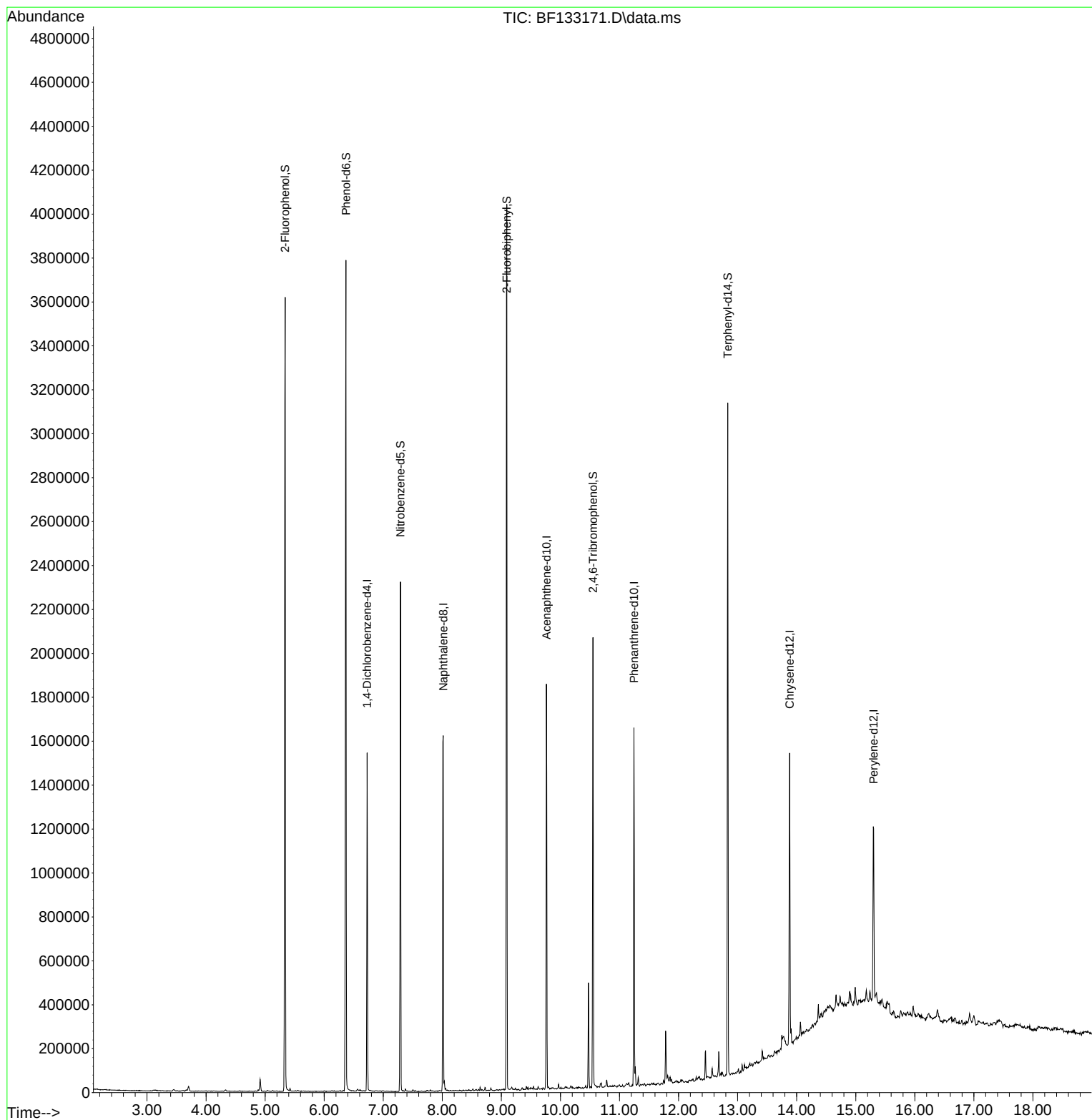
Target Compounds	Qvalue

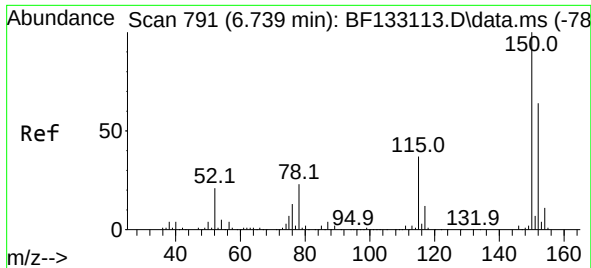
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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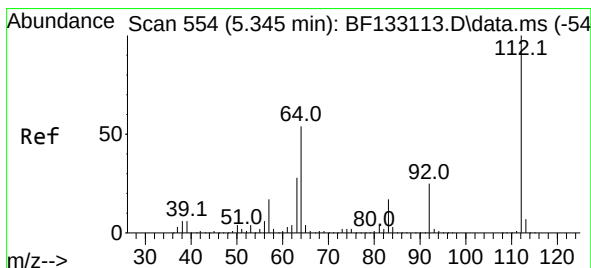
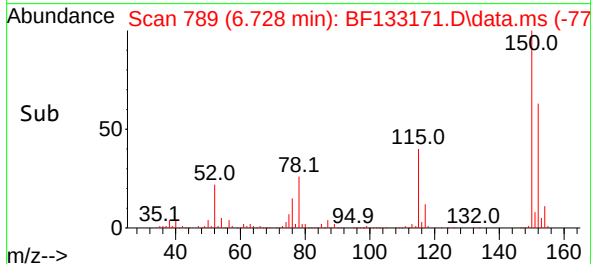
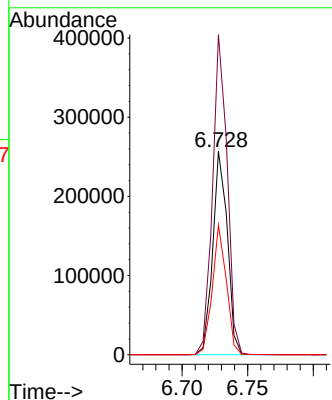
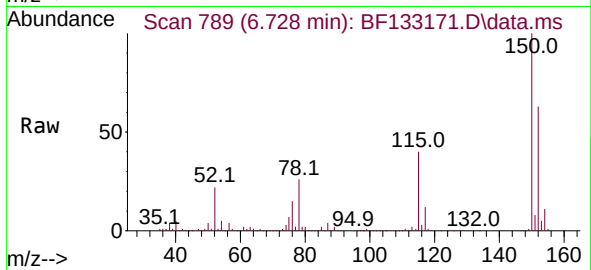




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 791
 Delta R.T. -0.005 min
 Lab File: BF133171.D
 Acq: 01 May 2023 23:19

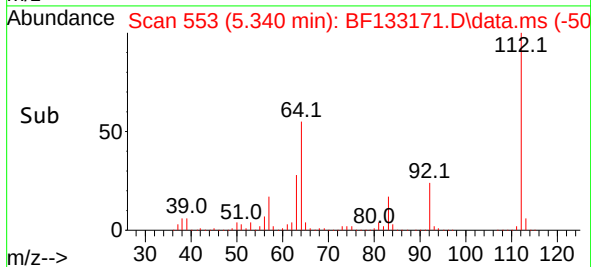
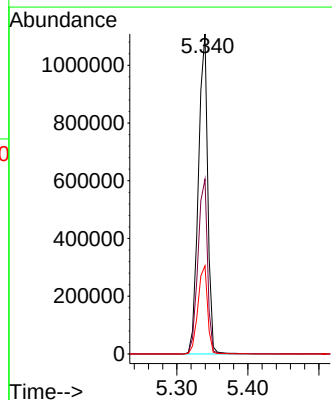
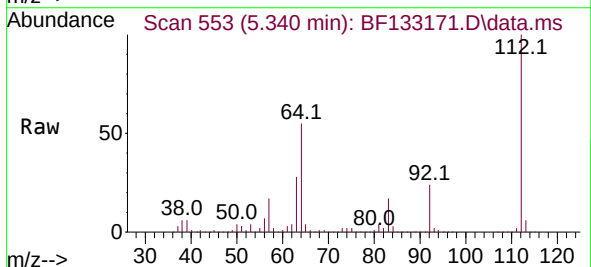
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042823-B

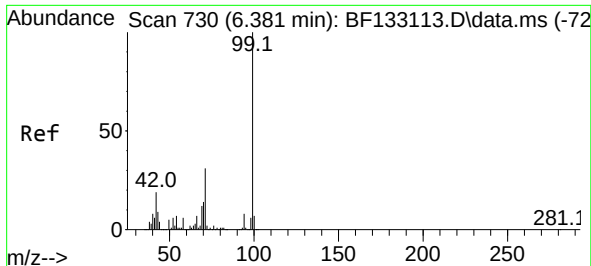
Tgt Ion:152 Resp: 199272
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.8 187.2
 115 63.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 77.410 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.000 min
 Lab File: BF133171.D
 Acq: 01 May 2023 23:19

Tgt Ion:112 Resp: 1021148
 Ion Ratio Lower Upper
 112 100
 64 54.6 46.8 70.2
 63 27.5 23.8 35.8

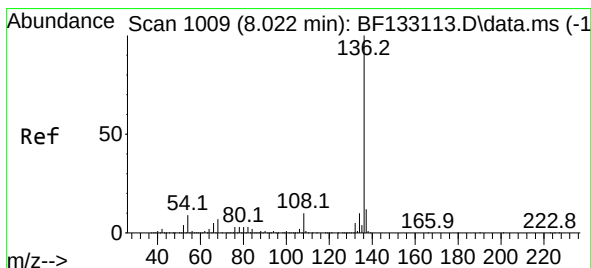
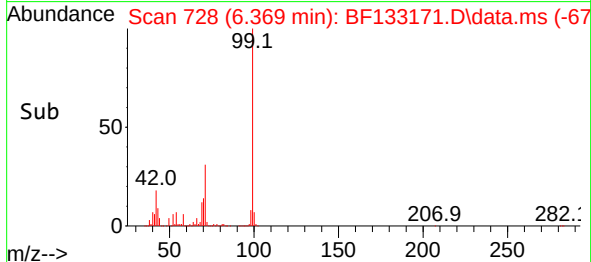
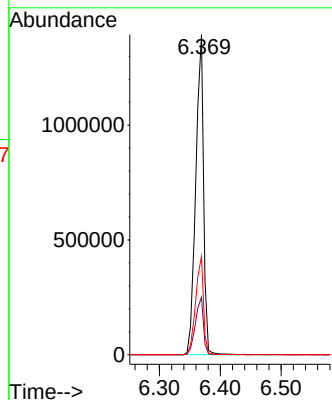
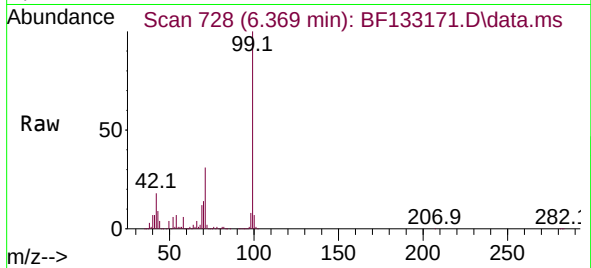




#7
Phenol-d6
Concen: 75.679 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133171.D
Acq: 01 May 2023 23:19

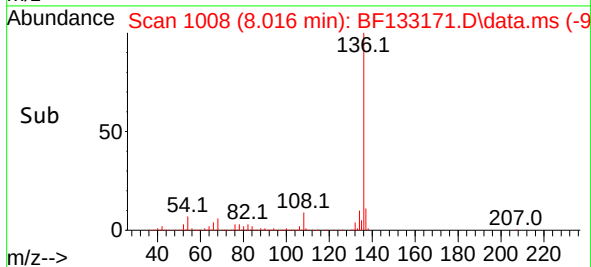
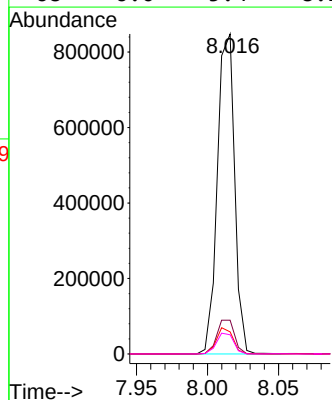
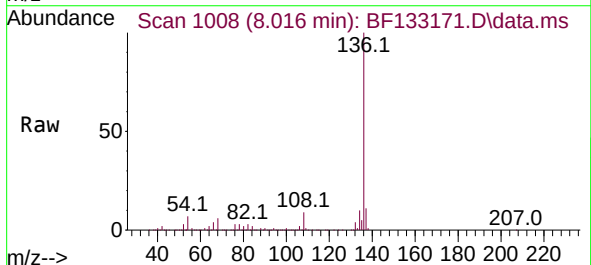
Instrument :
BNA_F
ClientSampleId :
JC-03-042823-B

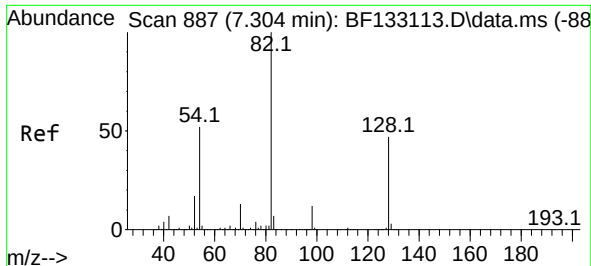
Tgt Ion: 99 Resp: 1239119
Ion Ratio Lower Upper
99 100
42 18.0 16.3 24.5
71 30.7 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF133171.D
Acq: 01 May 2023 23:19

Tgt Ion: 136 Resp: 714565
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 6.9 7.0 10.4#
68 6.0 5.4 8.2





#23

Nitrobenzene-d5

Concen: 48.415 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF133171.D

Acq: 01 May 2023 23:19

Instrument :

BNA_F

ClientSampleId :

JC-03-042823-B

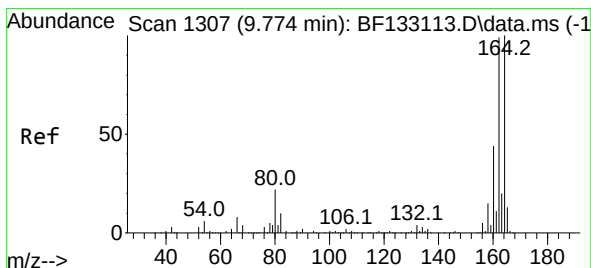
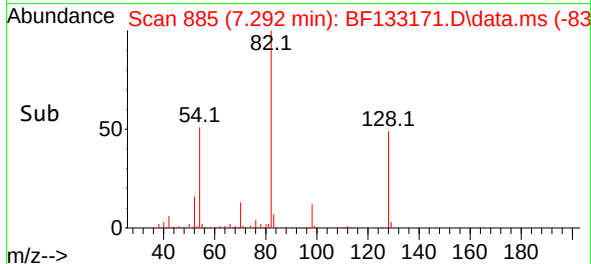
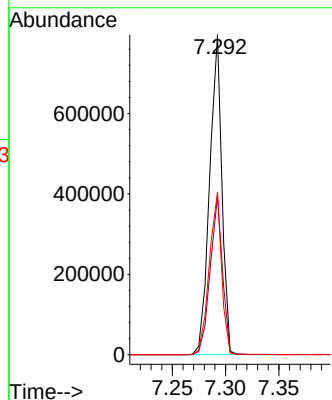
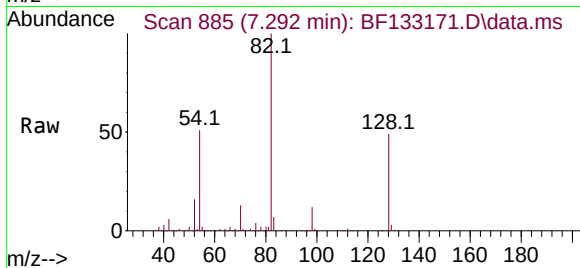
Tgt Ion: 82 Resp: 640933

Ion Ratio Lower Upper

82 100

128 49.4 37.7 56.5

54 50.8 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF133171.D

Acq: 01 May 2023 23:19

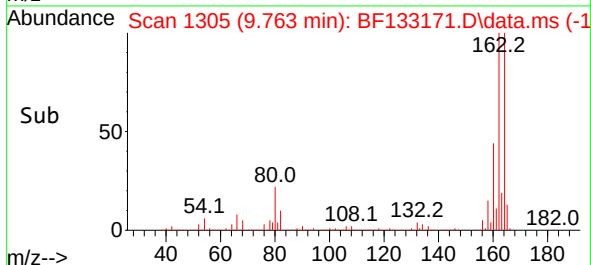
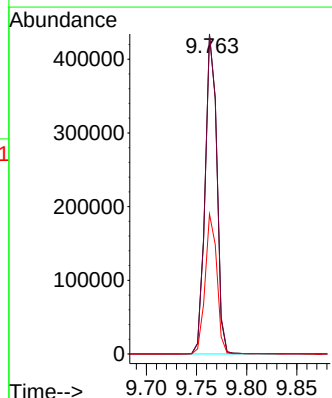
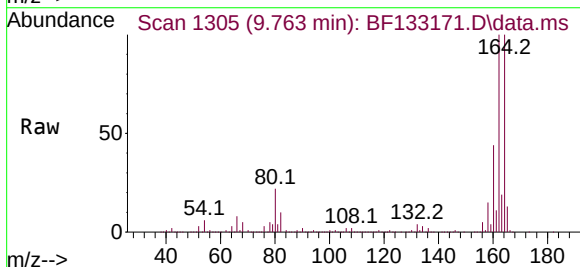
Tgt Ion: 164 Resp: 355010

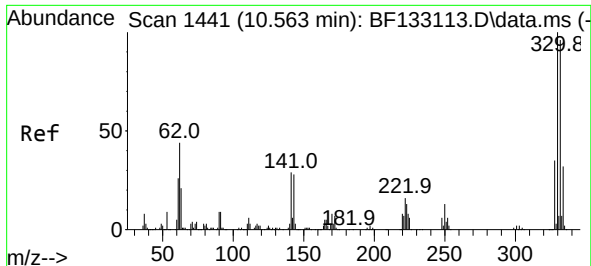
Ion Ratio Lower Upper

164 100

162 99.8 78.7 118.1

160 43.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 65.893 ng

RT: 10.551 min Scan# 1441

Delta R.T. -0.012 min

Lab File: BF133171.D

Acq: 01 May 2023 23:19

Instrument :

BNA_F

ClientSampleId :

JC-03-042823-B

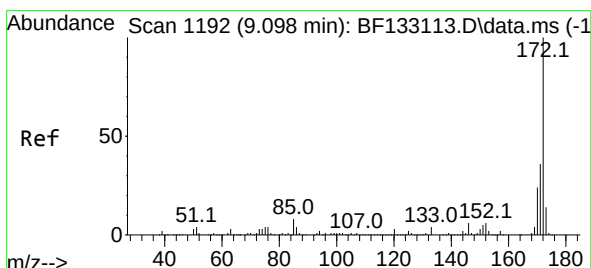
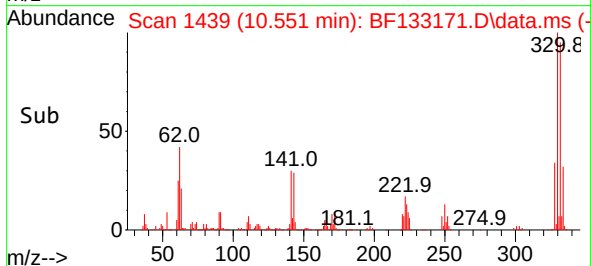
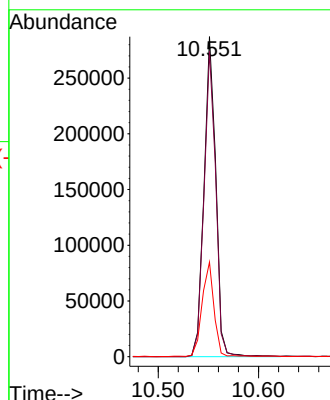
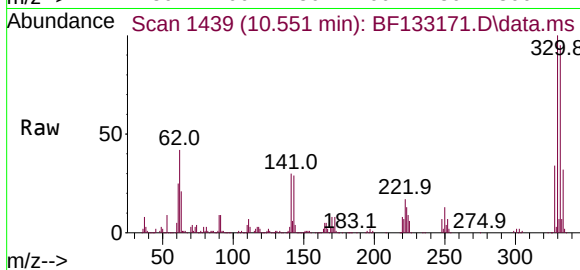
Tgt Ion:330 Resp: 235259

Ion Ratio Lower Upper

330 100

332 95.7 77.1 115.7

141 30.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 57.871 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF133171.D

Acq: 01 May 2023 23:19

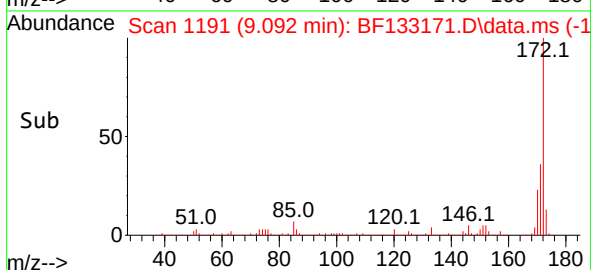
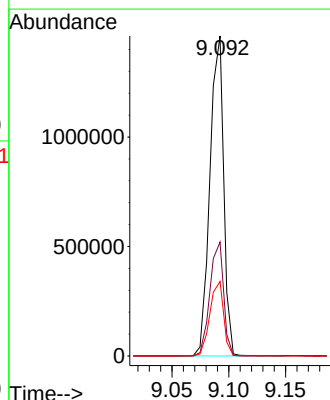
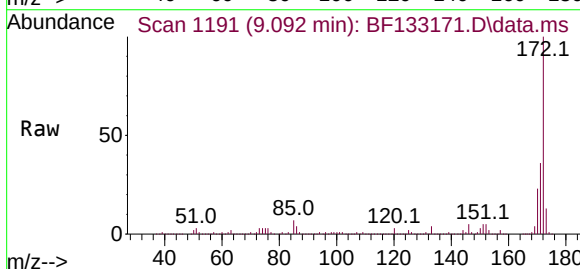
Tgt Ion:172 Resp: 1228028

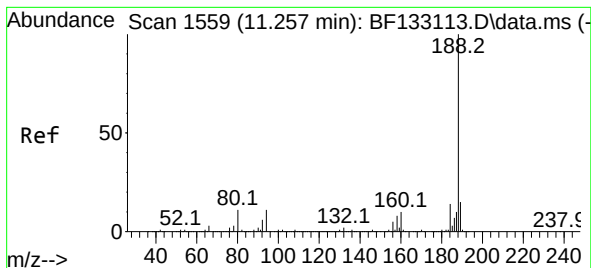
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.3 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133171.D

Acq: 01 May 2023 23:19

Instrument :

BNA_F

ClientSampleId :

JC-03-042823-B

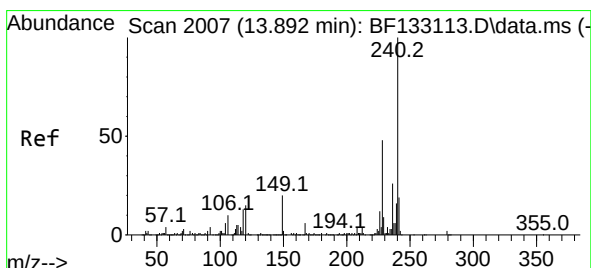
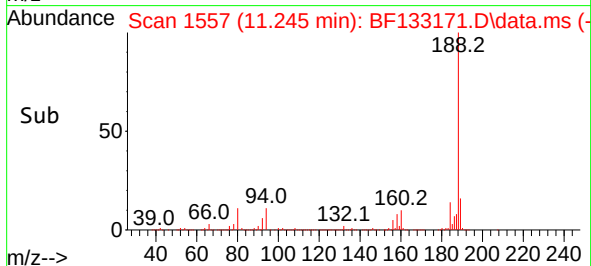
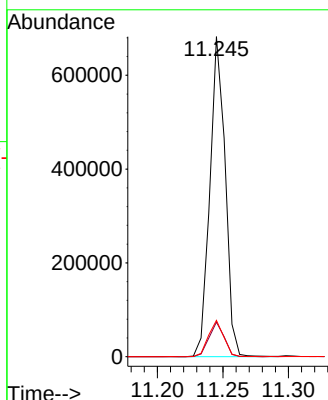
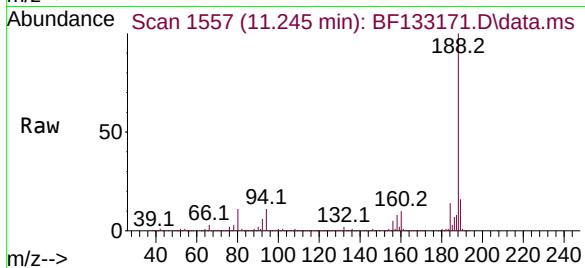
Tgt Ion:188 Resp: 555856

Ion Ratio Lower Upper

188 100

94 10.8 9.7 14.5

80 11.3 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. -0.012 min

Lab File: BF133171.D

Acq: 01 May 2023 23:19

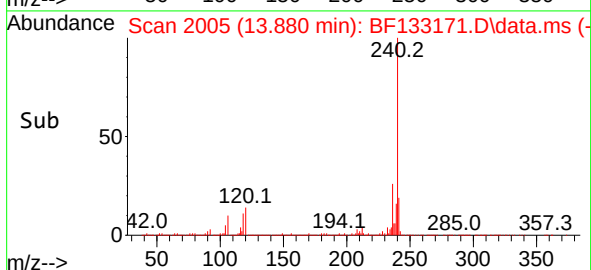
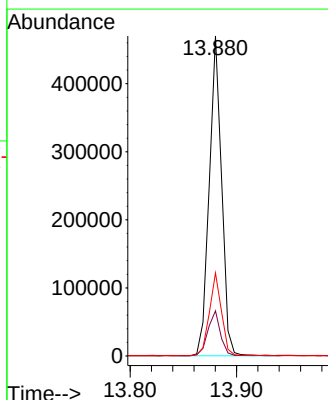
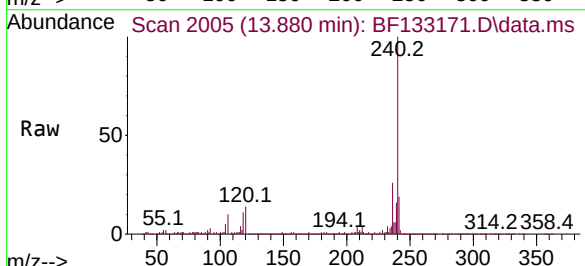
Tgt Ion:240 Resp: 379865

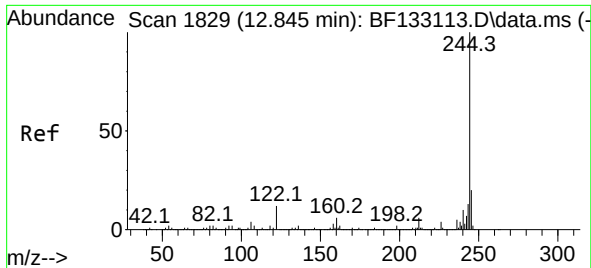
Ion Ratio Lower Upper

240 100

120 14.1 10.5 15.7

236 25.9 21.5 32.3

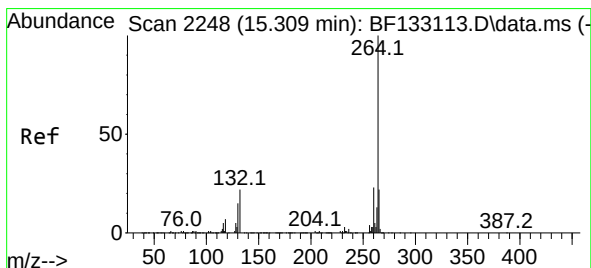
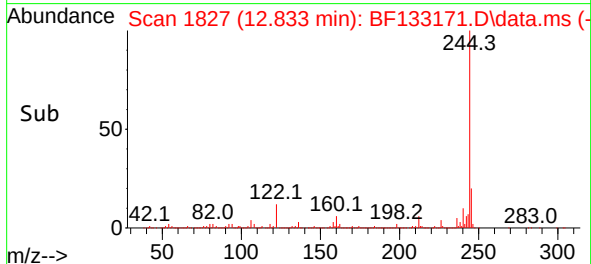
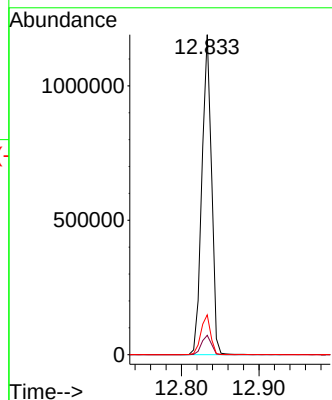
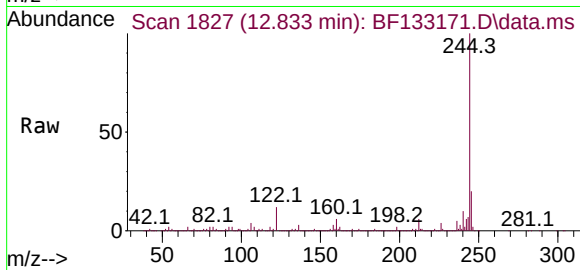




#79
 Terphenyl-d14
 Concen: 46.599 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. -0.006 min
 Lab File: BF133171.D
 Acq: 01 May 2023 23:19

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042823-B

Tgt Ion:244 Resp: 1026361
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.1 7.7
 122 12.5 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF133171.D
 Acq: 01 May 2023 23:19

Tgt Ion:264 Resp: 368574
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.4 17.0 25.4

