

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133339.D
 Acq On : 10 May 2023 19:37
 Operator : CG\JU
 Sample : 02665-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-612-COMP-01

Quant Time: May 11 03:42:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	225190	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	916419	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	473011	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	825618	20.000	ng	# 0.00
76) Chrysene-d12	13.874	240	409901	20.000	ng	0.00
86) Perylene-d12	15.292	264	487843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1640253	110.031	ng	0.02
7) Phenol-d6	6.369	99	1812086	97.935	ng	0.00
23) Nitrobenzene-d5	7.287	82	1371163	80.761	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	550790	115.784	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	2297154	81.248	ng	0.00
79) Terphenyl-d14	12.827	244	2323693	97.770	ng	0.00

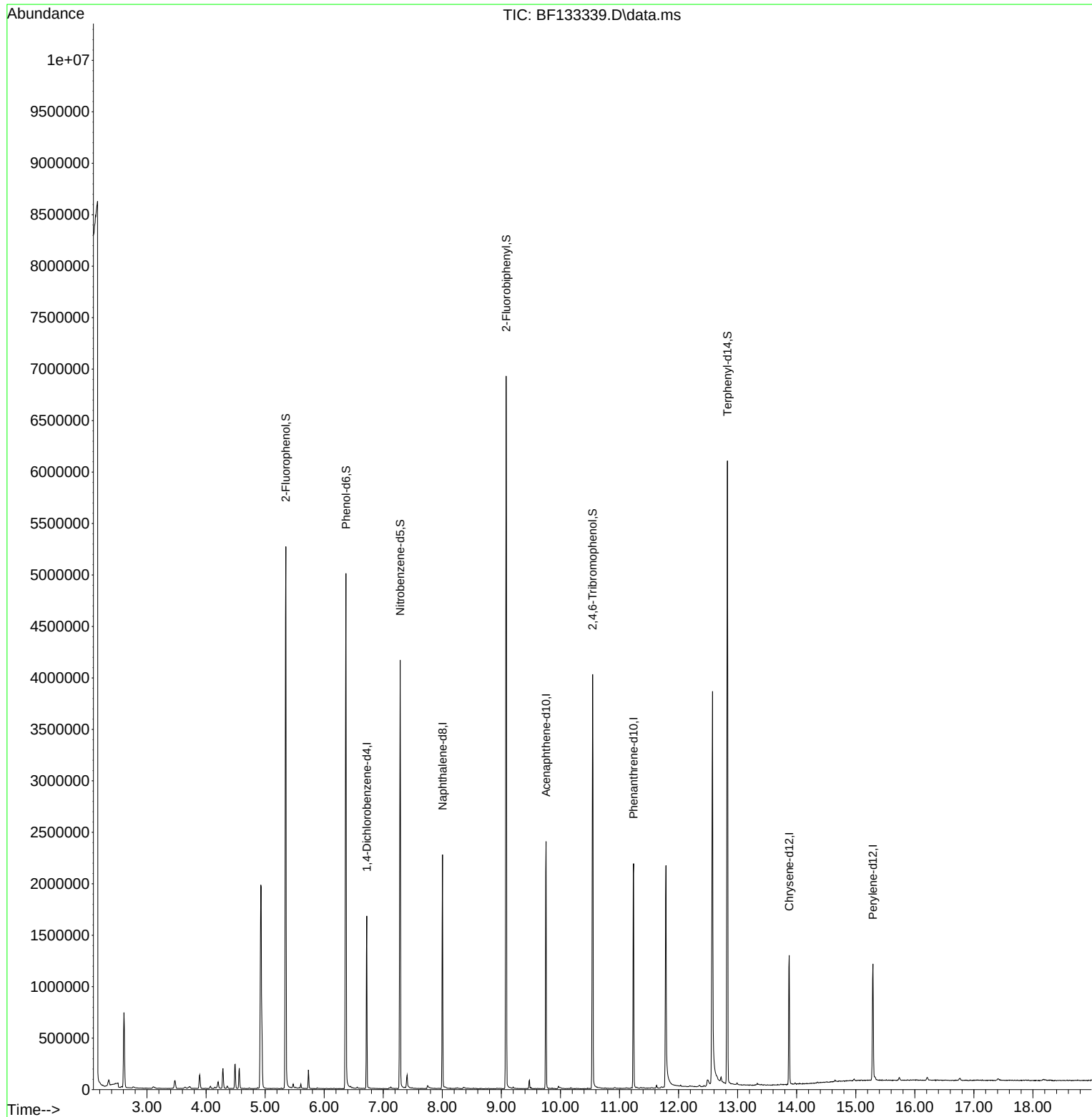
Target Compounds	Qvalue

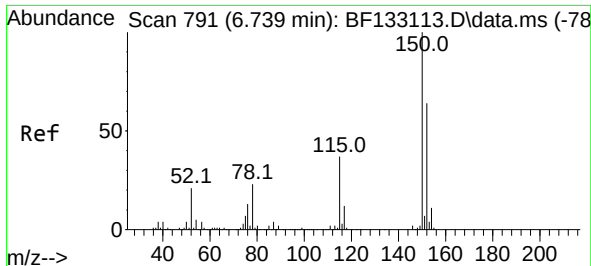
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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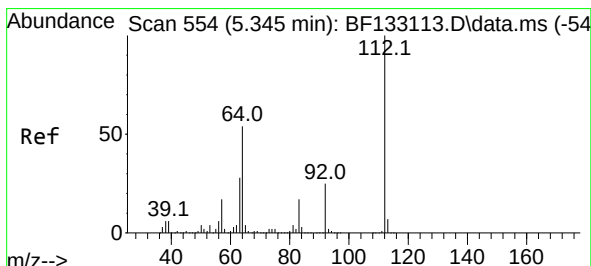
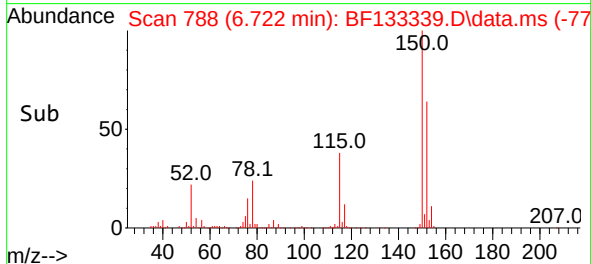
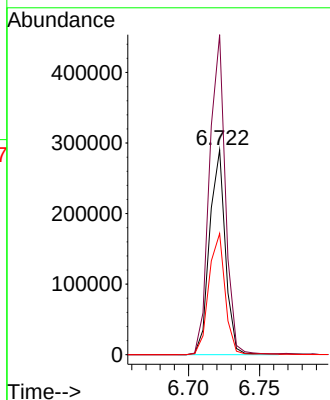
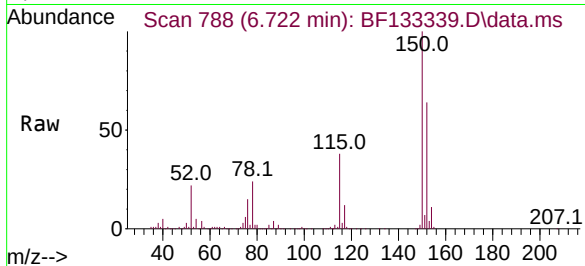




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF133339.D
 Acq: 10 May 2023 19:37

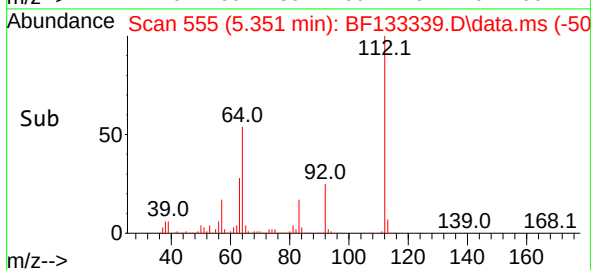
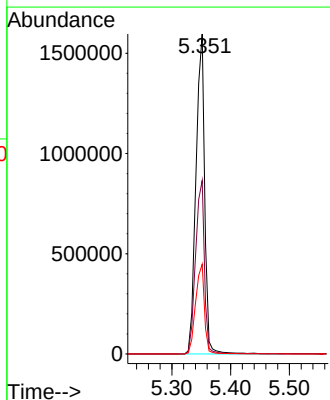
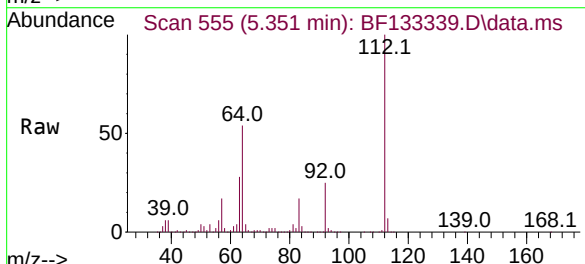
Instrument :
 BNA_F
 ClientSampleId :
 TR-612-COMP-01

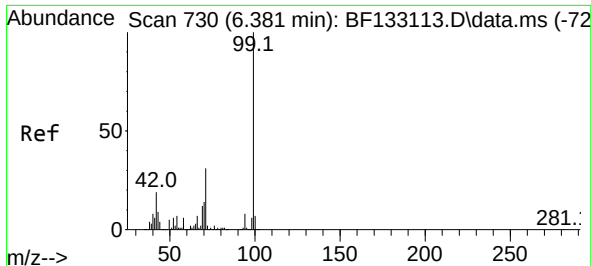
Tgt Ion:152 Resp: 225190
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.8 187.2
 115 59.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 110.031 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.024 min
 Lab File: BF133339.D
 Acq: 10 May 2023 19:37

Tgt Ion:112 Resp: 1640253
 Ion Ratio Lower Upper
 112 100
 64 54.2 46.8 70.2
 63 28.1 23.8 35.8





#7

Phenol-d6

Concen: 97.935 ng

RT: 6.369 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133339.D

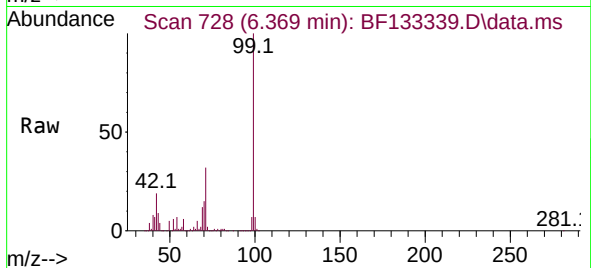
Acq: 10 May 2023 19:37

Instrument :

BNA_F

ClientSampleId :

TR-612-COMP-01



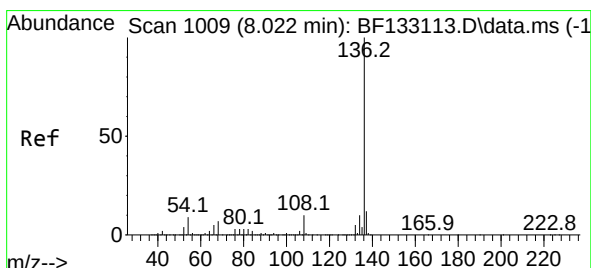
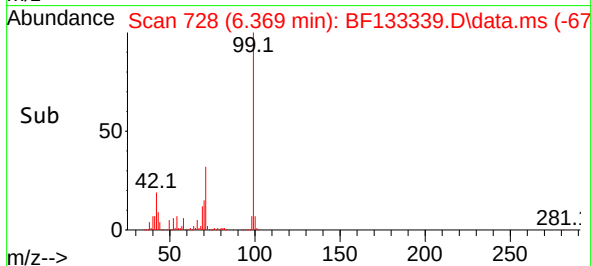
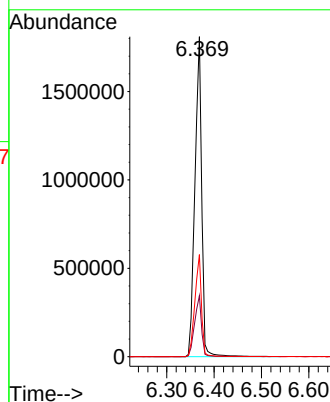
Tgt Ion: 99 Resp: 1812086

Ion Ratio Lower Upper

99 100

42 19.1 16.3 24.5

71 31.9 25.6 38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF133339.D

Acq: 10 May 2023 19:37

Tgt Ion: 136 Resp: 916419

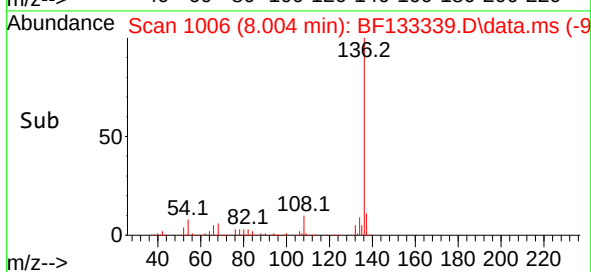
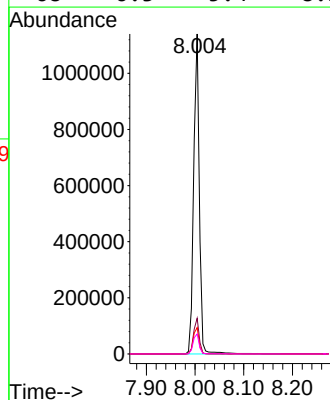
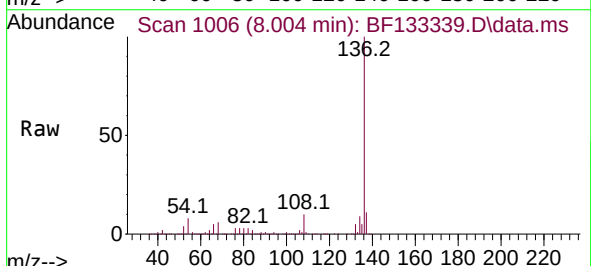
Ion Ratio Lower Upper

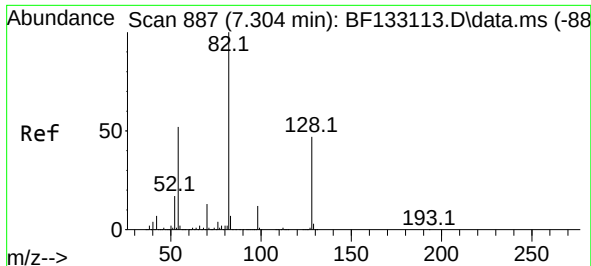
136 100

137 11.2 8.6 13.0

54 8.2 7.0 10.4

68 6.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 80.761 ng

RT: 7.287 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133339.D

Acq: 10 May 2023 19:37

Instrument :

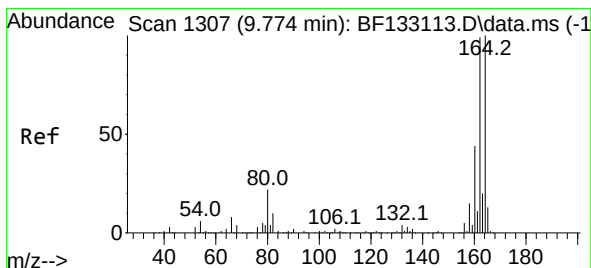
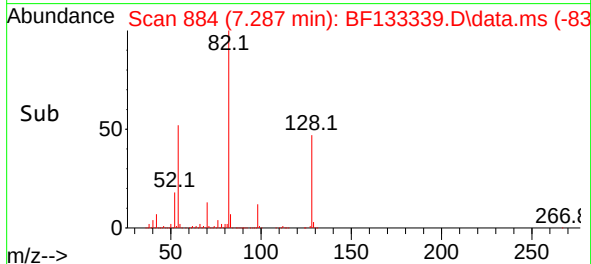
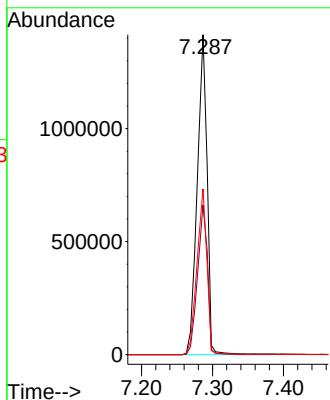
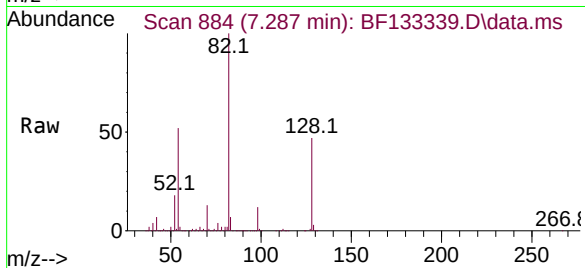
BNA_F

ClientSampleId :

TR-612-COMP-01

Tgt Ion: 82 Resp: 1371163

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.7	56.5
54	51.8	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

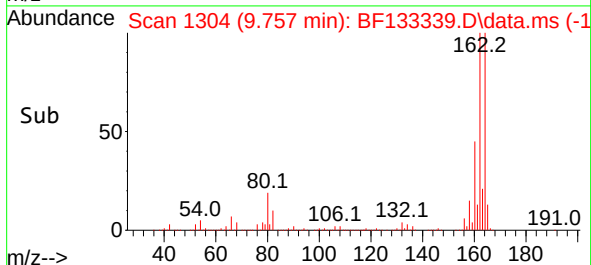
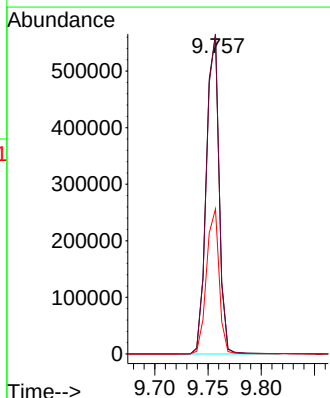
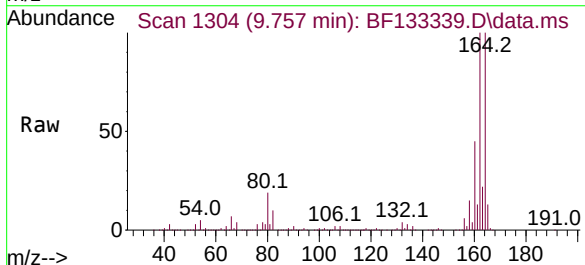
Delta R.T. -0.006 min

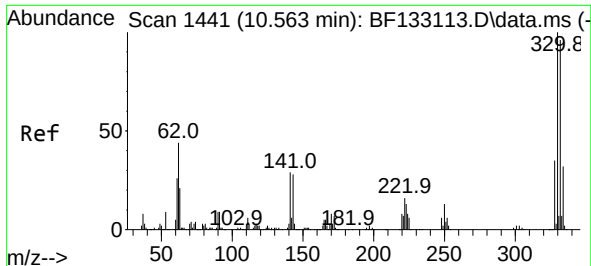
Lab File: BF133339.D

Acq: 10 May 2023 19:37

Tgt Ion: 164 Resp: 473011

Ion	Ratio	Lower	Upper
164	100		
162	100.2	78.7	118.1
160	45.4	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 115.784 ng

RT: 10.545 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF133339.D

Acq: 10 May 2023 19:37

Instrument :

BNA_F

ClientSampleId :

TR-612-COMP-01

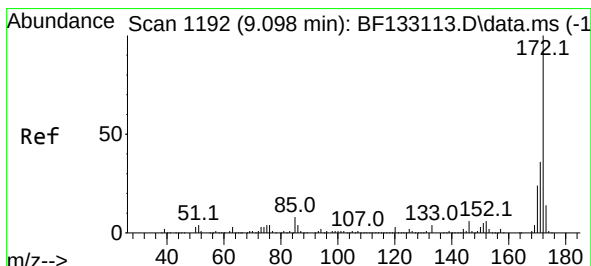
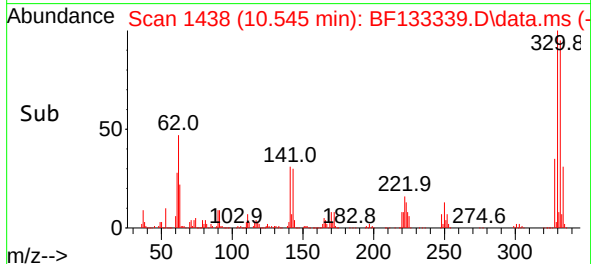
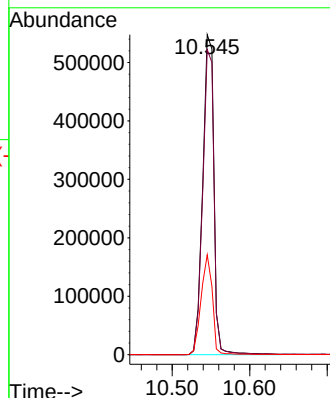
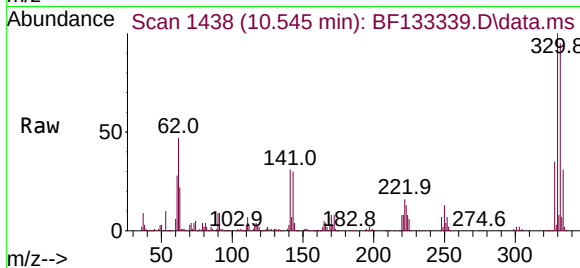
Tgt Ion:330 Resp: 550790

Ion Ratio Lower Upper

330 100

332 95.8 77.1 115.7

141 31.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 81.248 ng

RT: 9.081 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF133339.D

Acq: 10 May 2023 19:37

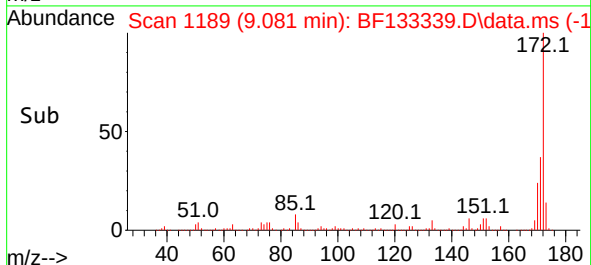
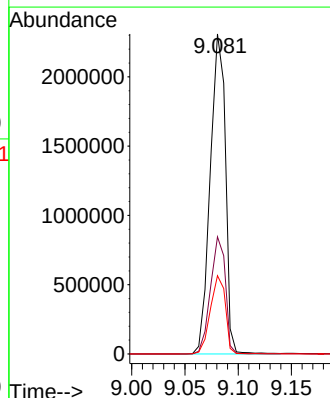
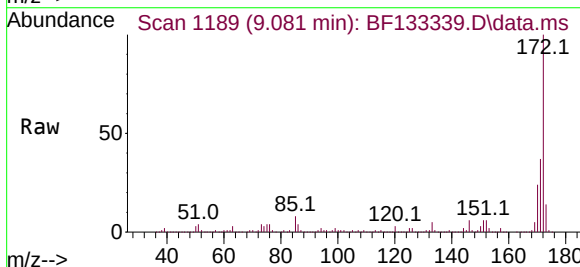
Tgt Ion:172 Resp: 2297154

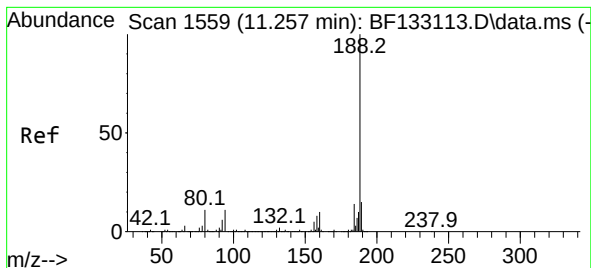
Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 24.4 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133339.D

Acq: 10 May 2023 19:37

Instrument :

BNA_F

ClientSampleId :

TR-612-COMP-01

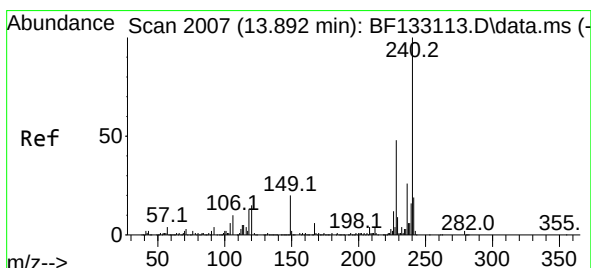
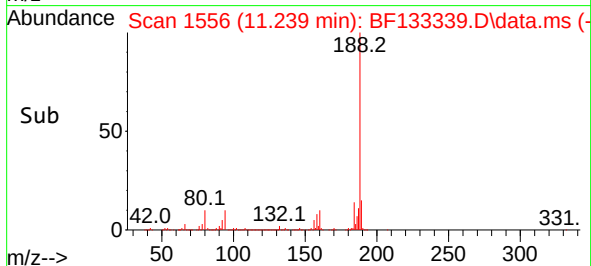
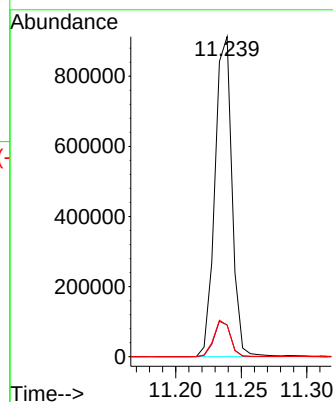
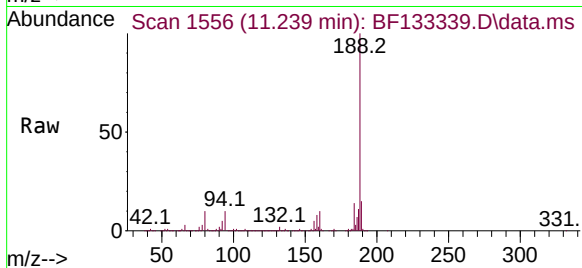
Tgt Ion:188 Resp: 825618

Ion Ratio Lower Upper

188 100

94 9.9 9.7 14.5

80 9.9 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: BF133339.D

Acq: 10 May 2023 19:37

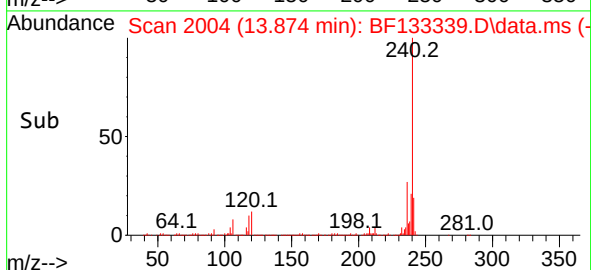
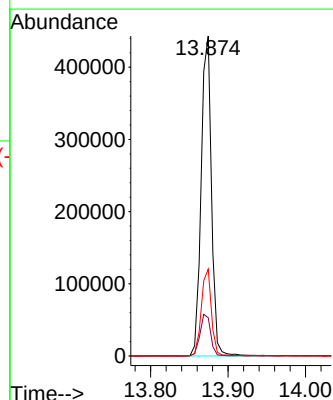
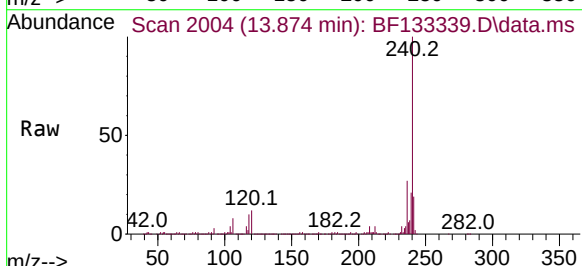
Tgt Ion:240 Resp: 409901

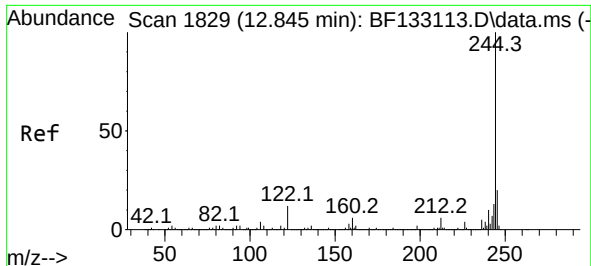
Ion Ratio Lower Upper

240 100

120 11.9 10.5 15.7

236 27.2 21.5 32.3

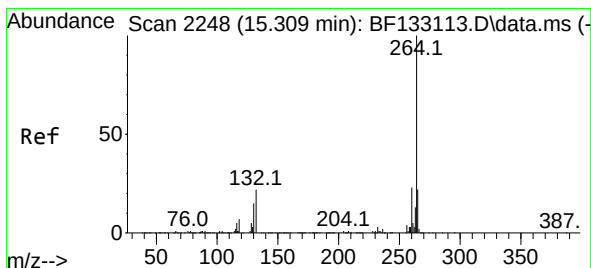
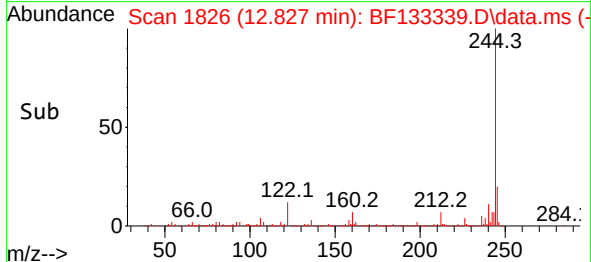
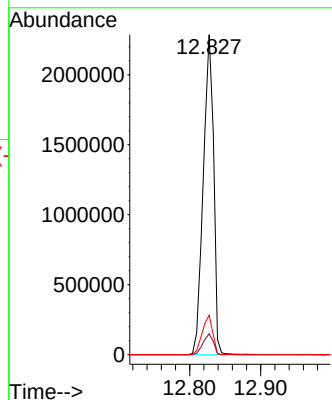
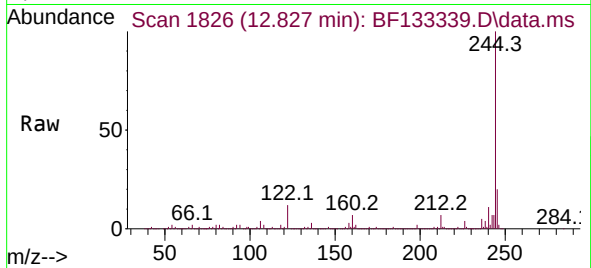




#79
 Terphenyl-d14
 Concen: 97.770 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF133339.D
 Acq: 10 May 2023 19:37

Instrument :
 BNA_F
 ClientSampleId :
 TR-612-COMP-01

Tgt Ion:244 Resp: 2323693
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 12.3 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: BF133339.D
 Acq: 10 May 2023 19:37

Tgt Ion:264 Resp: 487843
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 21.9 17.0 25.4

