

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
 Data File : BF133433.D
 Acq On : 18 May 2023 10:54
 Operator : CG\JU
 Sample : PB152770TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152770TB

Quant Time: May 18 18:20:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 18:12:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	235419	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	902042	20.000	ng	0.00
39) Acenaphthene-d10	9.751	164	399963	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	823096	20.000	ng	0.00
76) Chrysene-d12	13.874	240	562690	20.000	ng	0.00
86) Perylene-d12	15.292	264	381980	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1940798	124.535	ng	0.01
7) Phenol-d6	6.369	99	2357983	121.901	ng	0.00
23) Nitrobenzene-d5	7.286	82	1451569	86.860	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	524450	130.383	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	2091868	87.500	ng	0.00
79) Terphenyl-d14	12.827	244	2845345	87.211	ng	0.00

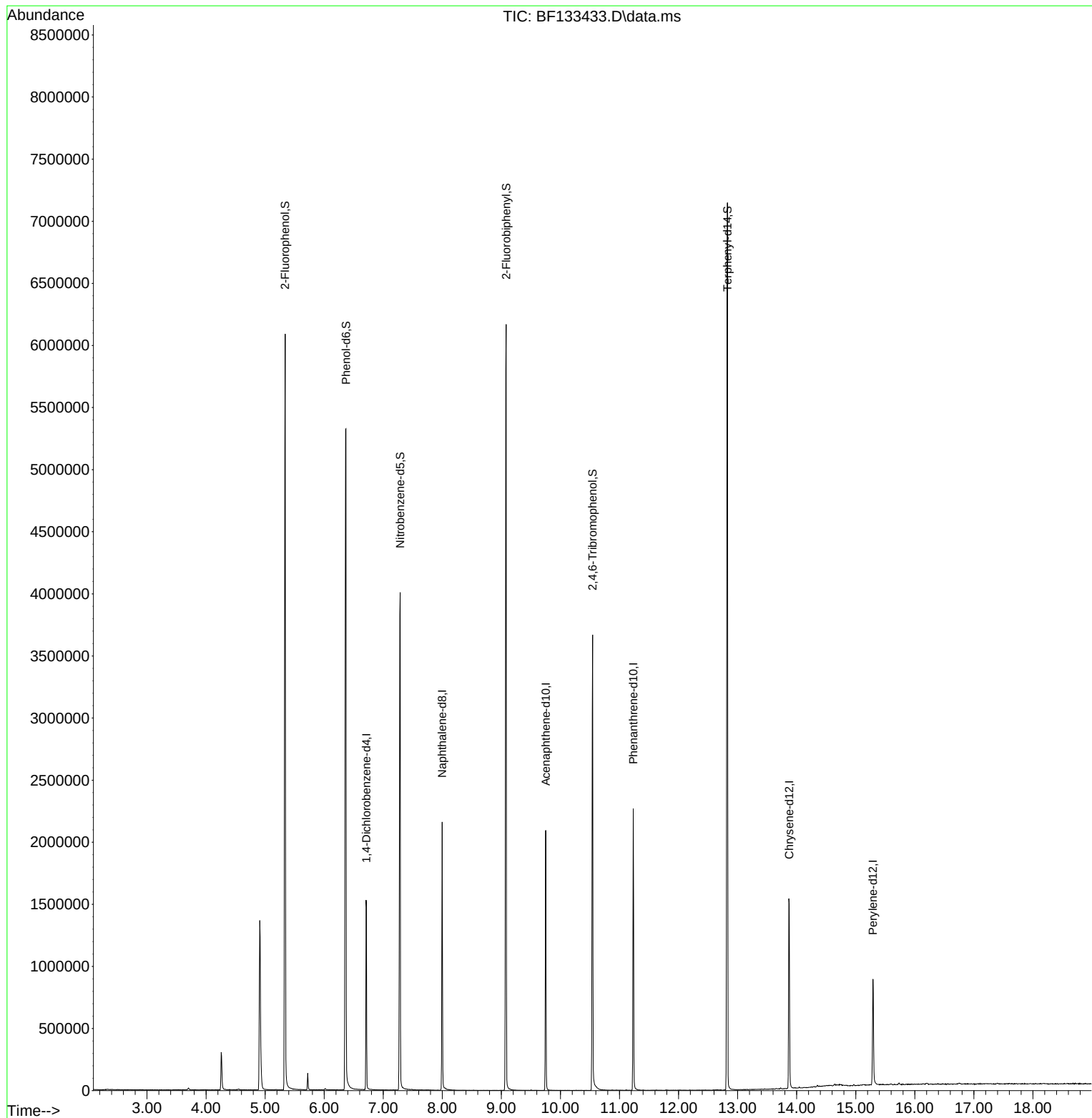
Target Compounds	Qvalue

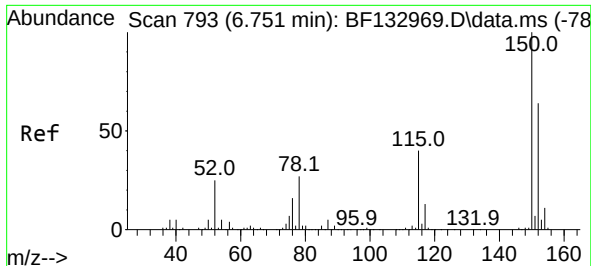
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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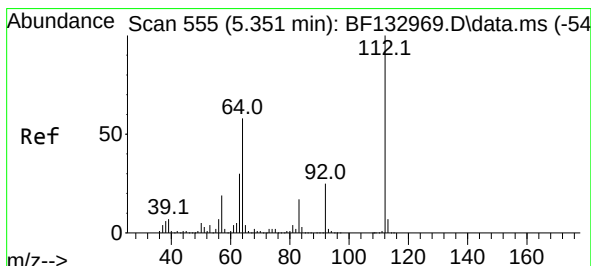
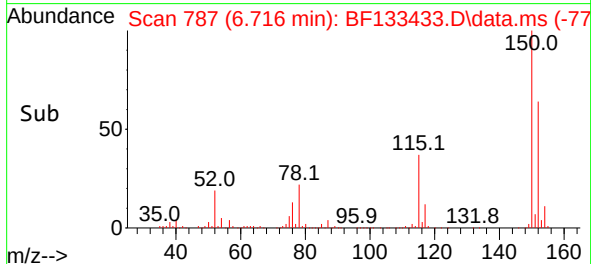
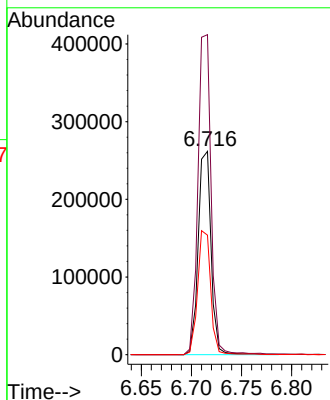
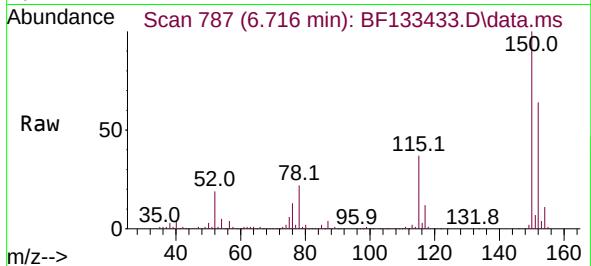




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.716 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133433.D
 Acq: 18 May 2023 10:54

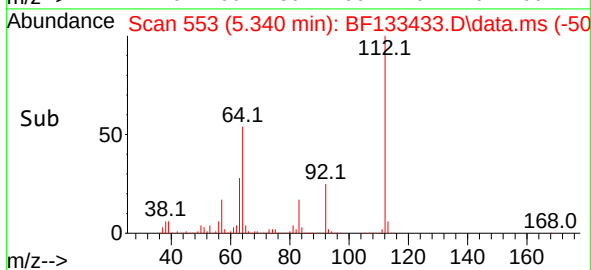
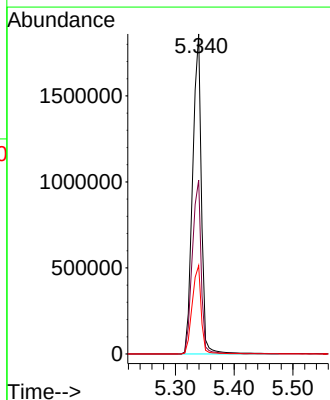
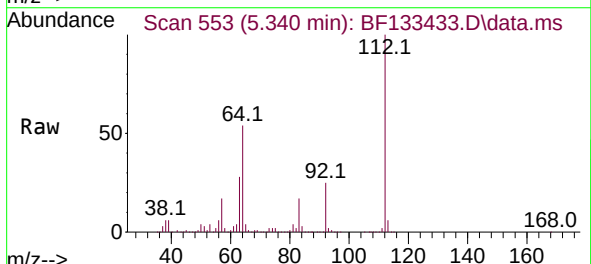
Instrument :
 BNA_F
 ClientSampleId :
 PB152770TB

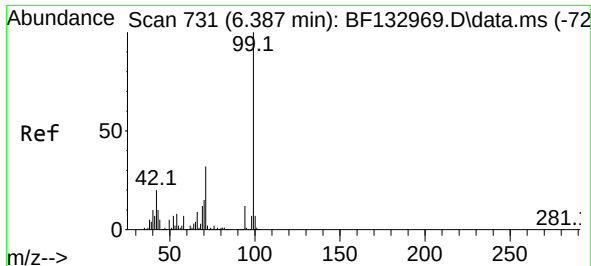
Tgt Ion:152 Resp: 235419
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.8 187.2
 115 58.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 124.535 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.012 min
 Lab File: BF133433.D
 Acq: 18 May 2023 10:54

Tgt Ion:112 Resp: 1940798
 Ion Ratio Lower Upper
 112 100
 64 54.3 46.8 70.2
 63 27.6 23.8 35.8

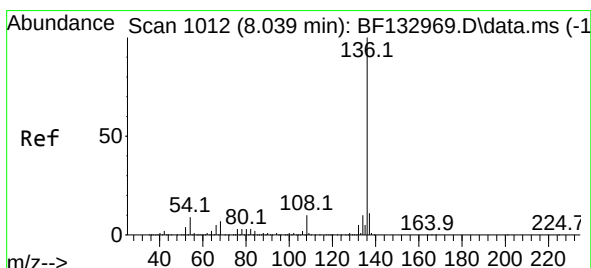
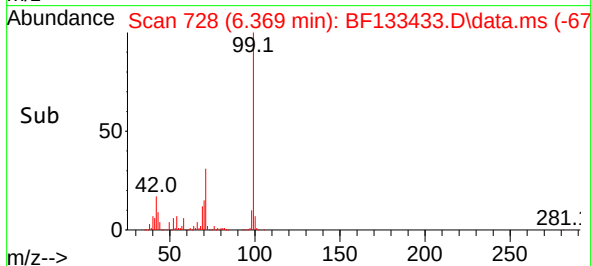
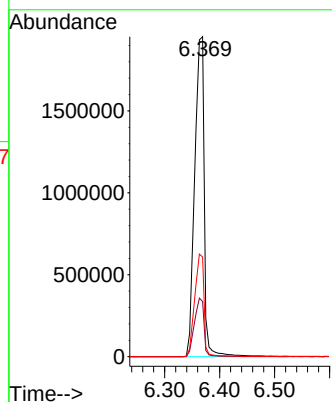
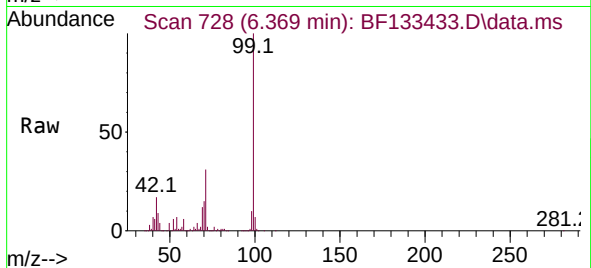




#7
Phenol-d6
Concen: 121.901 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133433.D
Acq: 18 May 2023 10:54

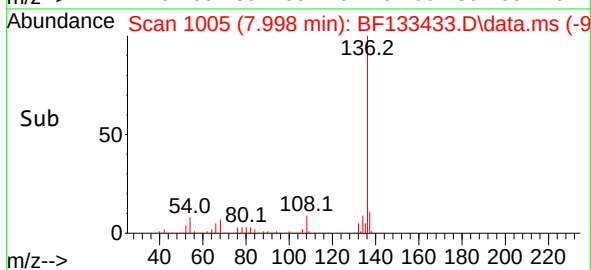
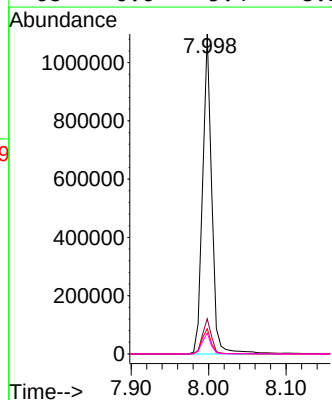
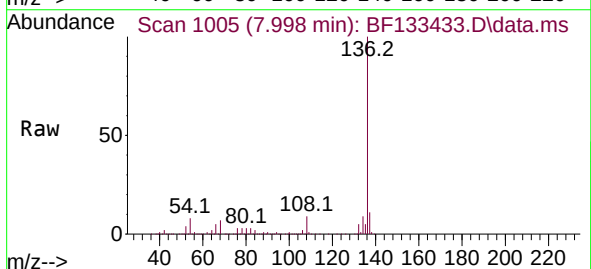
Instrument :
BNA_F
ClientSampleId :
PB152770TB

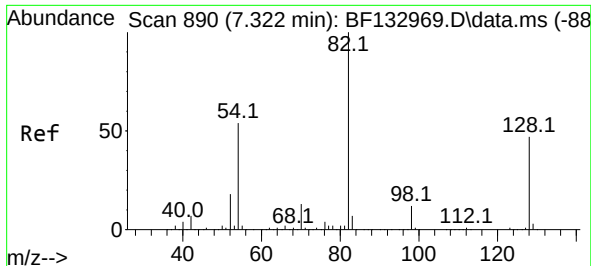
Tgt Ion: 99 Resp: 2357983
Ion Ratio Lower Upper
99 100
42 17.3 16.3 24.5
71 31.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF133433.D
Acq: 18 May 2023 10:54

Tgt Ion:136 Resp: 902042
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.9 7.0 10.4
68 6.6 5.4 8.2





#23

Nitrobenzene-d5

Concen: 86.860 ng

RT: 7.286 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF133433.D

Acq: 18 May 2023 10:54

Instrument :

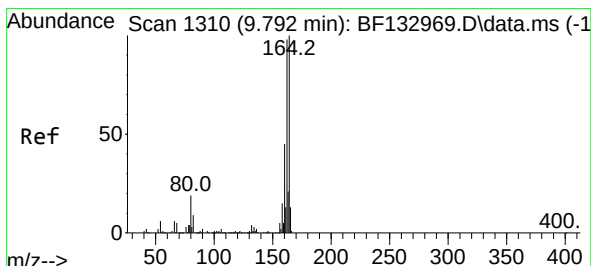
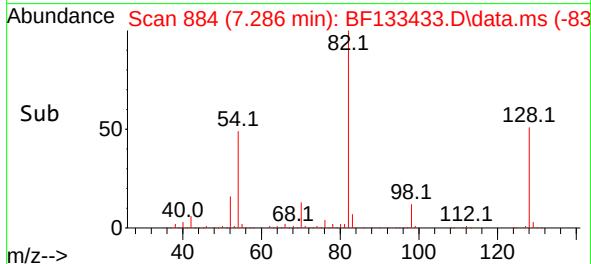
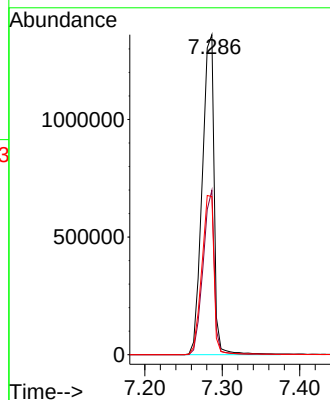
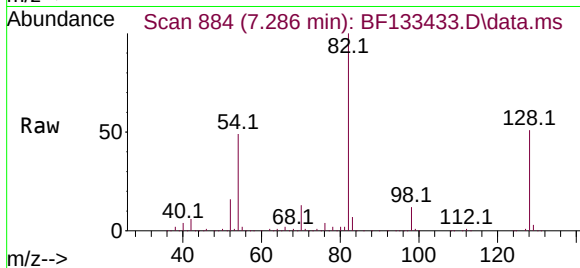
BNA_F

ClientSampleId :

PB152770TB

Tgt Ion: 82 Resp: 1451569

Ion	Ratio	Lower	Upper
82	100		
128	51.3	37.7	56.5
54	49.4	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.751 min Scan# 1303

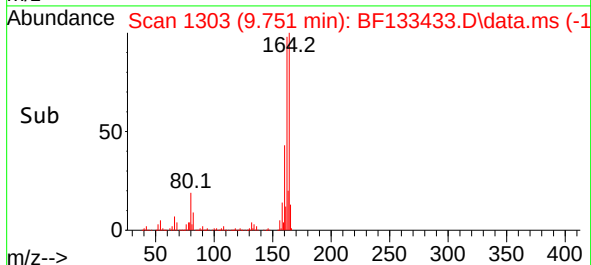
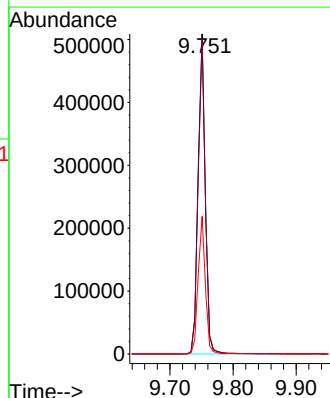
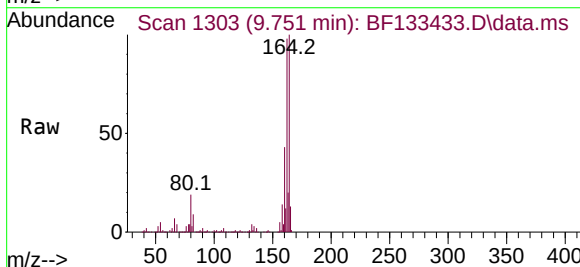
Delta R.T. -0.006 min

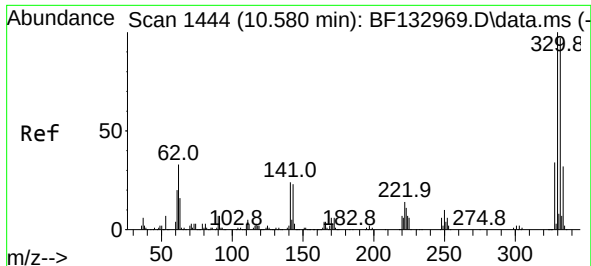
Lab File: BF133433.D

Acq: 18 May 2023 10:54

Tgt Ion:164 Resp: 399963

Ion	Ratio	Lower	Upper
164	100		
162	98.5	78.7	118.1
160	43.0	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 130.383 ng

RT: 10.545 min Scan# 1444

Delta R.T. -0.000 min

Lab File: BF133433.D

Acq: 18 May 2023 10:54

Instrument :

BNA_F

ClientSampleId :

PB152770TB

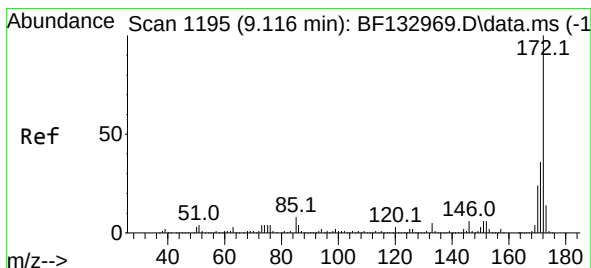
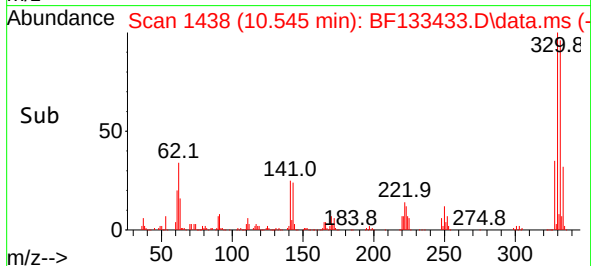
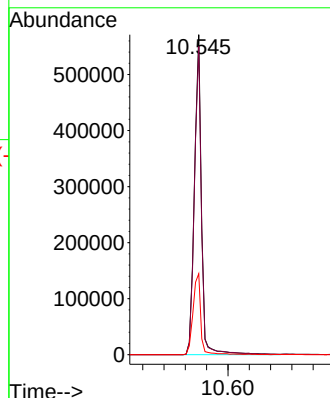
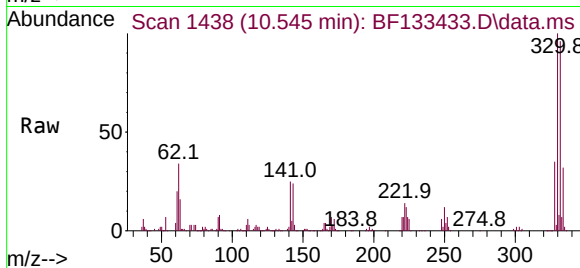
Tgt Ion:330 Resp: 524450

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 27.8 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 87.500 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.000 min

Lab File: BF133433.D

Acq: 18 May 2023 10:54

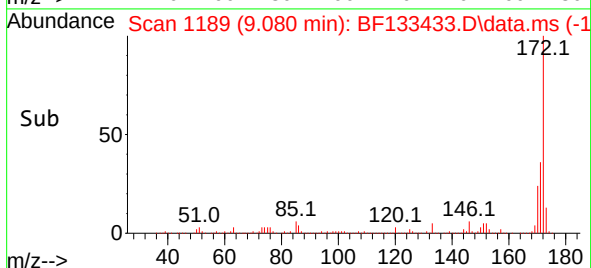
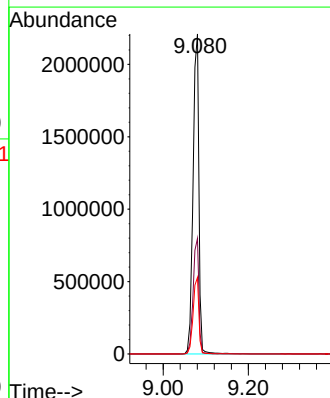
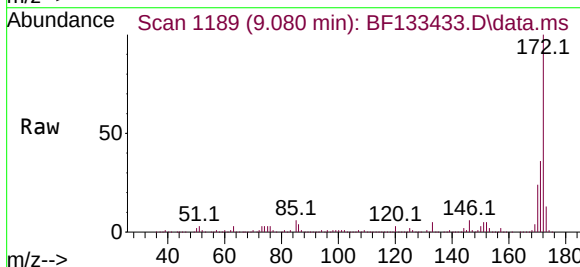
Tgt Ion:172 Resp: 2091868

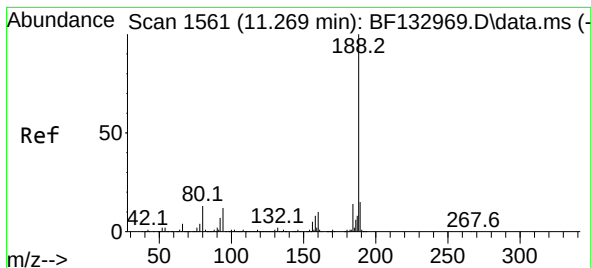
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.9 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133433.D

Acq: 18 May 2023 10:54

Instrument :

BNA_F

ClientSampleId :

PB152770TB

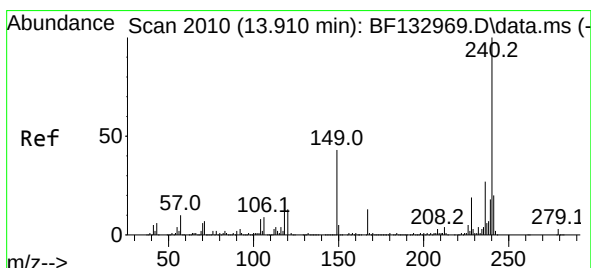
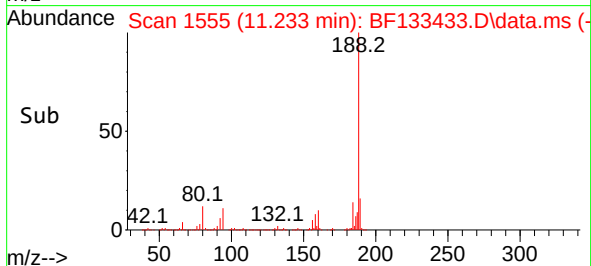
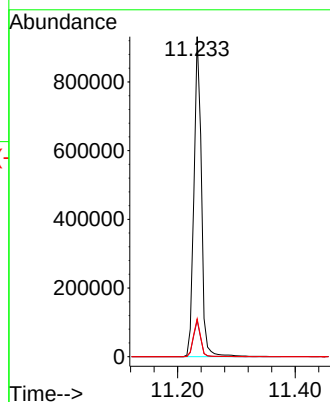
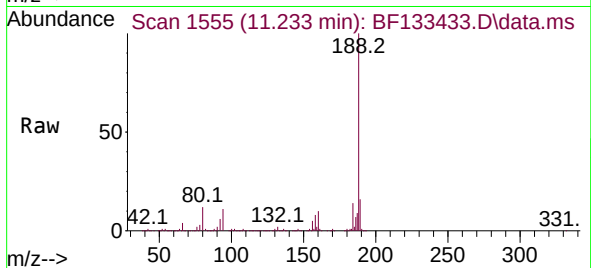
Tgt Ion:188 Resp: 823096

Ion Ratio Lower Upper

188 100

94 11.3 9.7 14.5

80 11.8 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: BF133433.D

Acq: 18 May 2023 10:54

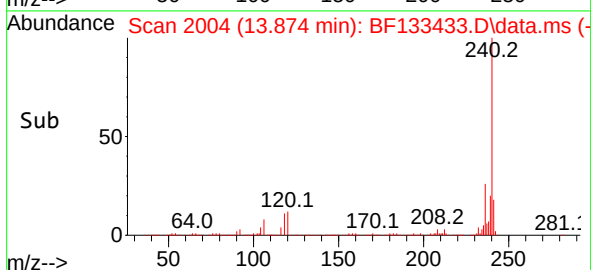
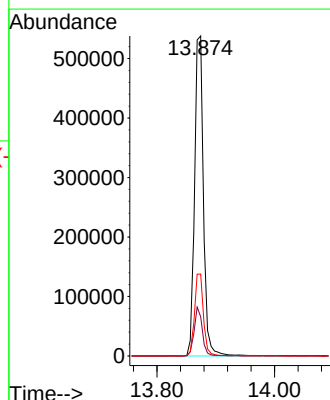
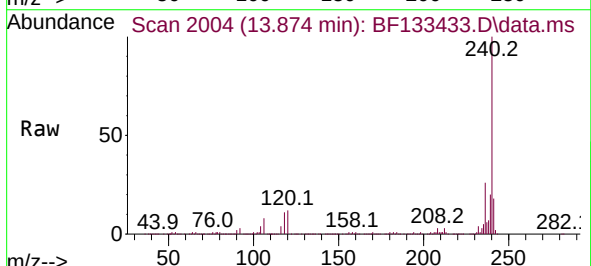
Tgt Ion:240 Resp: 562690

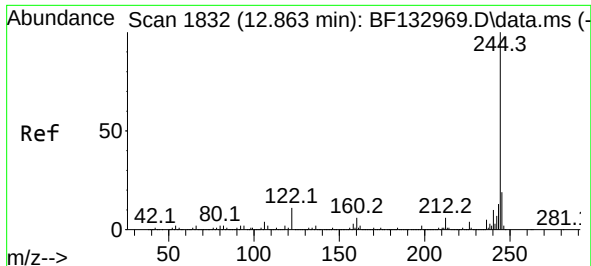
Ion Ratio Lower Upper

240 100

120 12.3 10.5 15.7

236 25.6 21.5 32.3

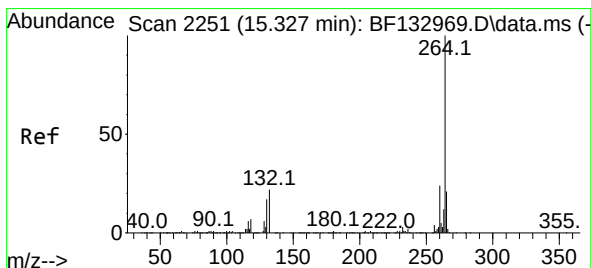
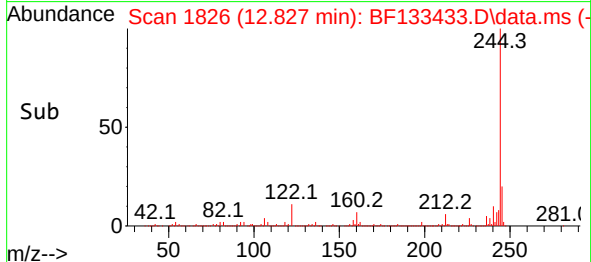
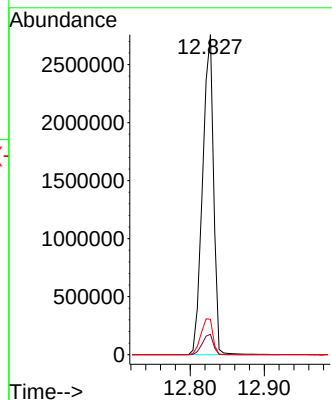
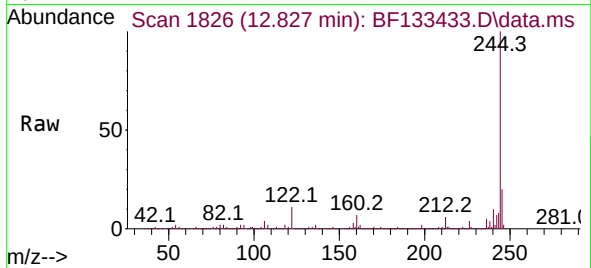




#79
 Terphenyl-d14
 Concen: 87.211 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.000 min
 Lab File: BF133433.D
 Acq: 18 May 2023 10:54

Instrument :
 BNA_F
 ClientSampleId :
 PB152770TB

Tgt Ion:244 Resp: 2845345
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 11.1 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. -0.006 min
 Lab File: BF133433.D
 Acq: 18 May 2023 10:54

Tgt Ion:264 Resp: 381980
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 21.5 17.0 25.4

