

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
 Data File : BF133201.D
 Acq On : 03 May 2023 11:56
 Operator : CG\JU
 Sample : PB152525BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152525BL

Quant Time: May 03 12:14:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 12:00:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	225598	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	960180	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	506294	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	951339	20.000	ng	# 0.00
76) Chrysene-d12	13.880	240	687058	20.000	ng	-0.01
86) Perylene-d12	15.304	264	590748	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1774978	118.853	ng	0.02
7) Phenol-d6	6.375	99	2174259	117.296	ng	0.00
23) Nitrobenzene-d5	7.298	82	1306027	73.419	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	558149	109.618	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2210860	73.056	ng	0.00
79) Terphenyl-d14	12.839	244	2675388	67.158	ng	0.00

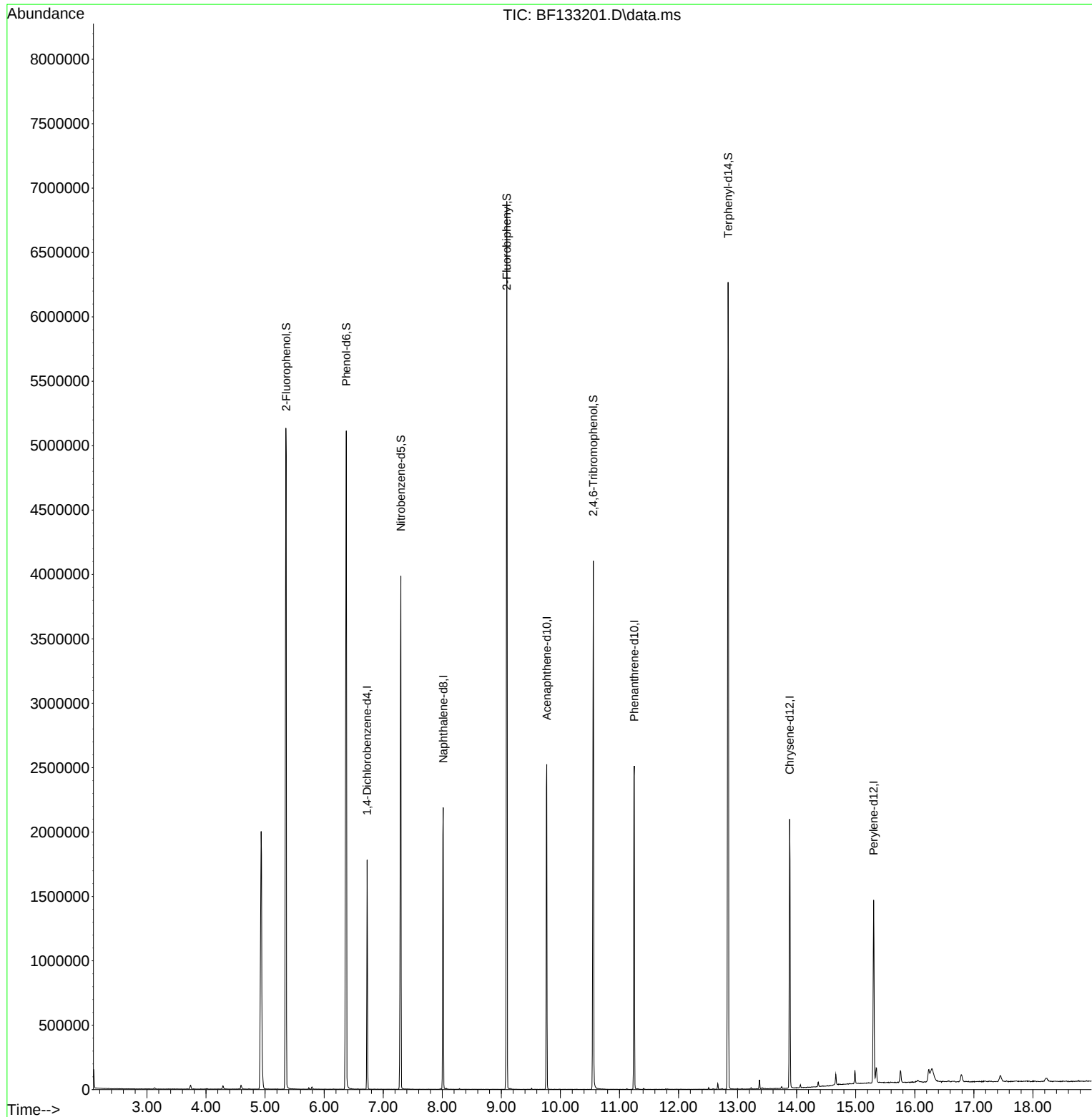
Target Compounds	Qvalue

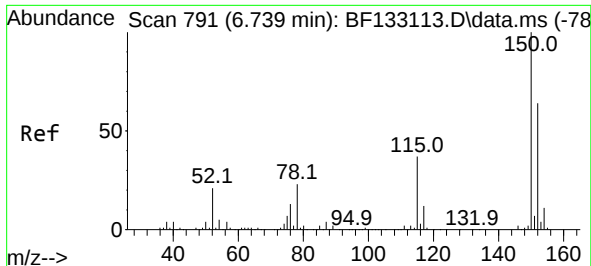
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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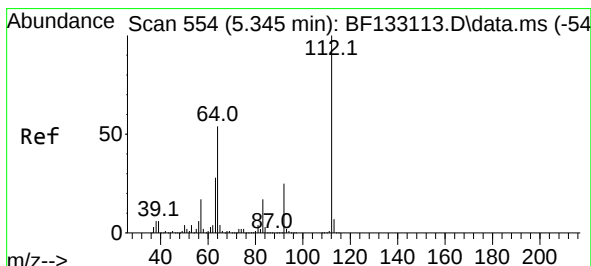
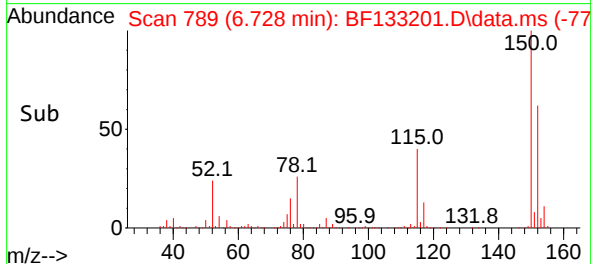
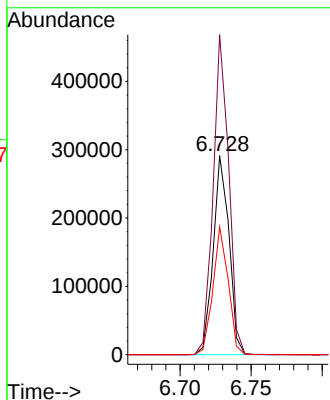
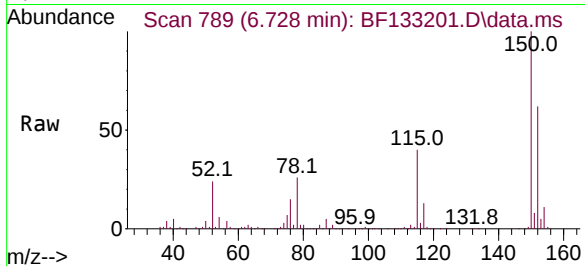




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF133201.D
 Acq: 03 May 2023 11:56

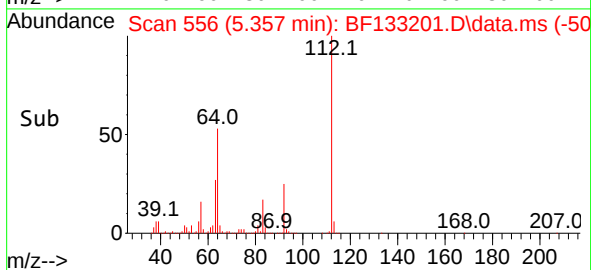
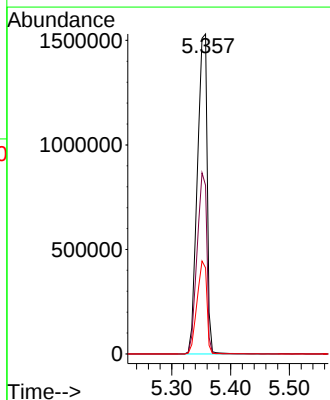
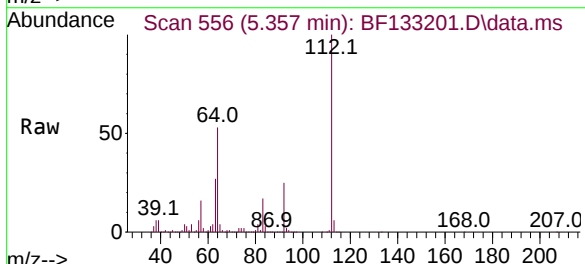
Instrument :
 BNA_F
 ClientSampleId :
 PB152525BL

Tgt Ion:152 Resp: 225598
 Ion Ratio Lower Upper
 152 100
 150 160.7 124.8 187.2
 115 64.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 118.853 ng
 RT: 5.357 min Scan# 556
 Delta R.T. 0.017 min
 Lab File: BF133201.D
 Acq: 03 May 2023 11:56

Tgt Ion:112 Resp: 1774978
 Ion Ratio Lower Upper
 112 100
 64 52.7 46.8 70.2
 63 26.9 23.8 35.8

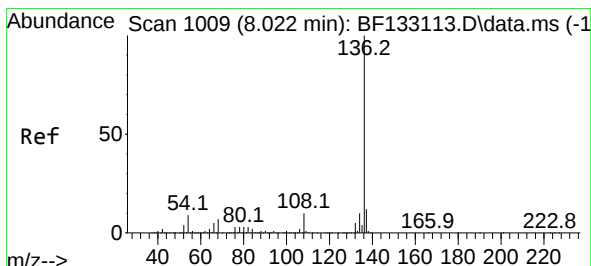
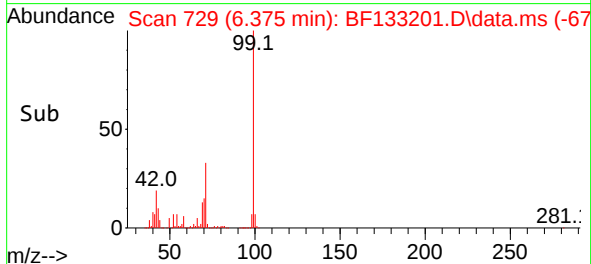
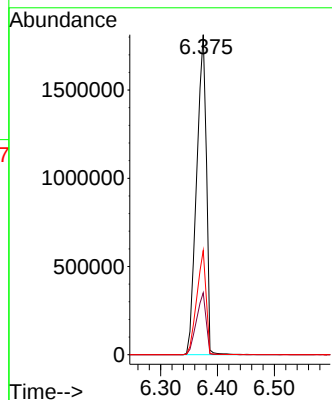
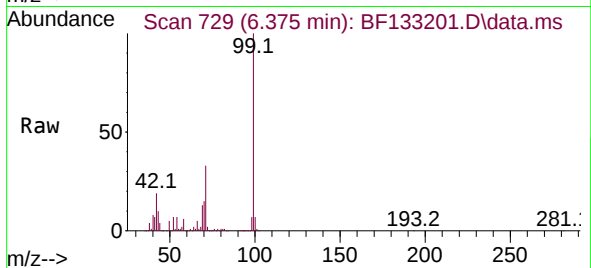




#7
Phenol-d6
Concen: 117.296 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133201.D
Acq: 03 May 2023 11:56

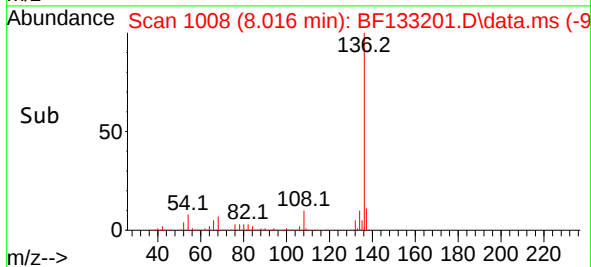
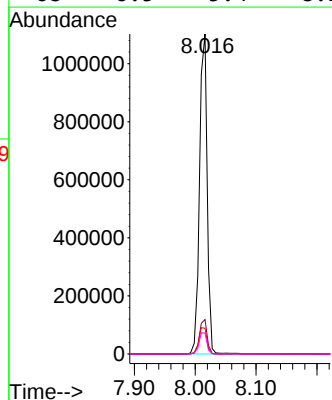
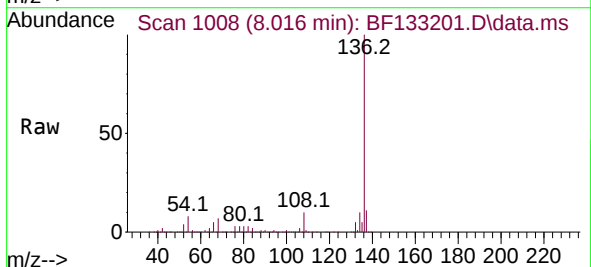
Instrument :
BNA_F
ClientSampleId :
PB152525BL

Tgt Ion: 99 Resp: 2174259
Ion Ratio Lower Upper
99 100
42 19.4 16.3 24.5
71 32.5 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: BF133201.D
Acq: 03 May 2023 11:56

Tgt Ion: 136 Resp: 960180
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.1 7.0 10.4
68 6.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 73.419 ng

RT: 7.298 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF133201.D

Acq: 03 May 2023 11:56

Instrument :

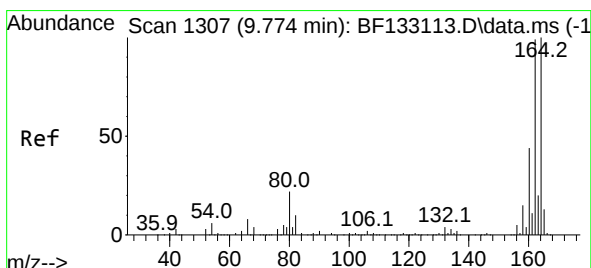
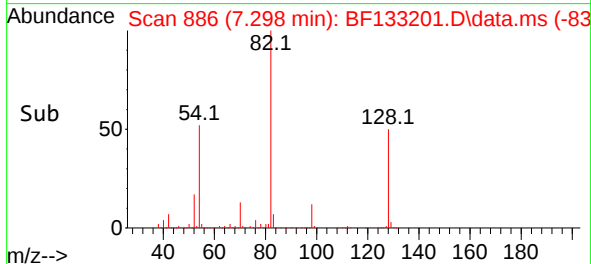
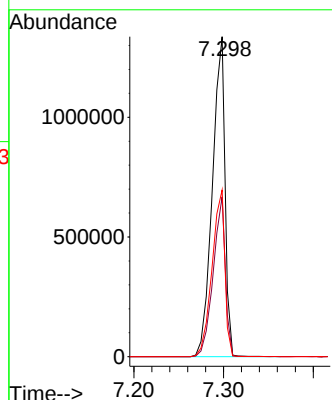
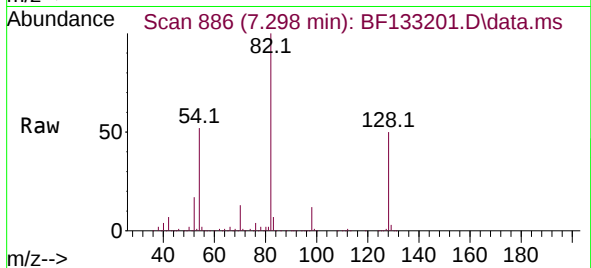
BNA_F

ClientSampleId :

PB152525BL

Tgt Ion: 82 Resp: 1306027

Ion	Ratio	Lower	Upper
82	100		
128	50.0	37.7	56.5
54	52.1	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

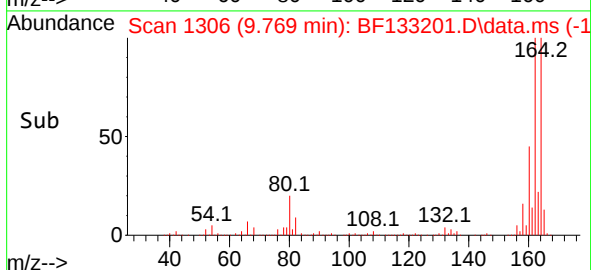
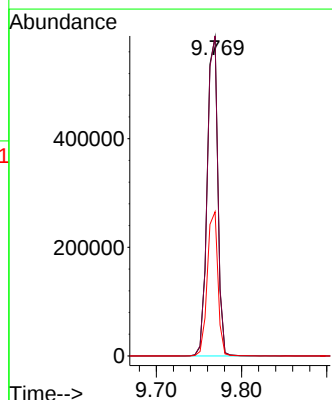
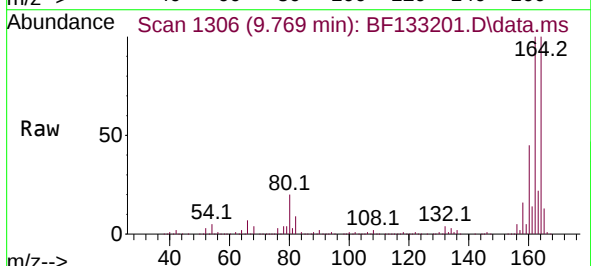
Delta R.T. -0.000 min

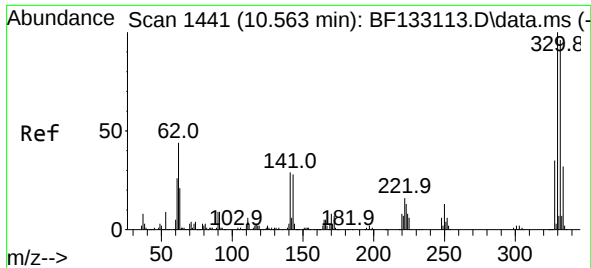
Lab File: BF133201.D

Acq: 03 May 2023 11:56

Tgt Ion:164 Resp: 506294

Ion	Ratio	Lower	Upper
164	100		
162	100.3	78.7	118.1
160	45.2	35.8	53.6

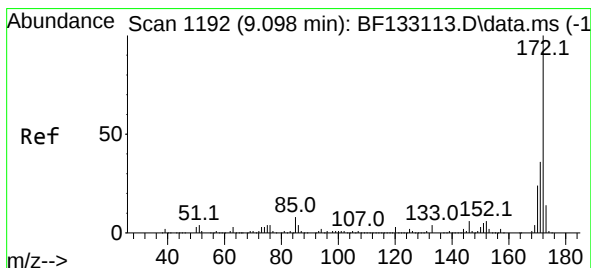
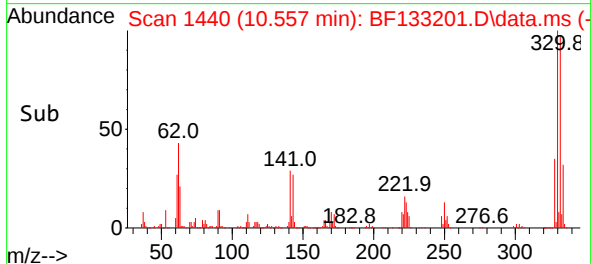
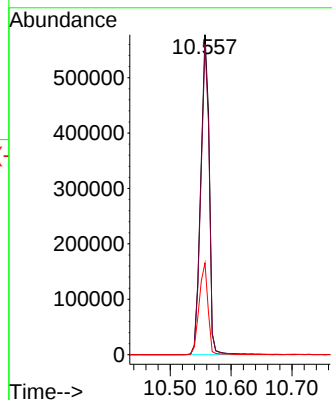
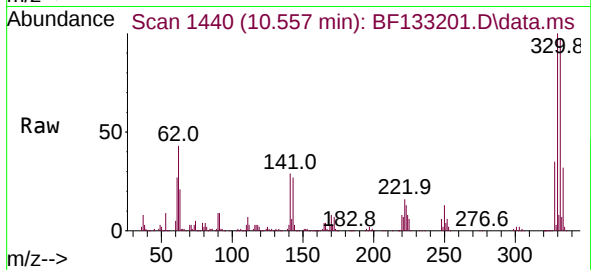




#42
2,4,6-Tribromophenol
Concen: 109.618 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF133201.D
Acq: 03 May 2023 11:56

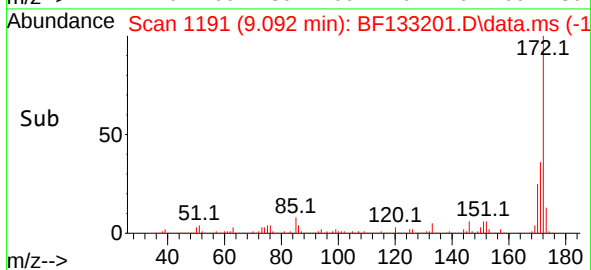
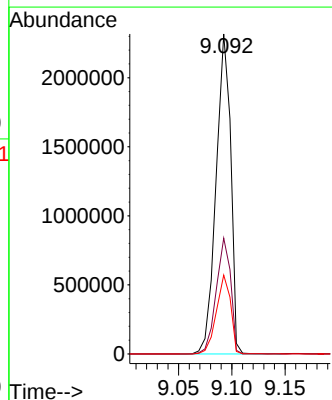
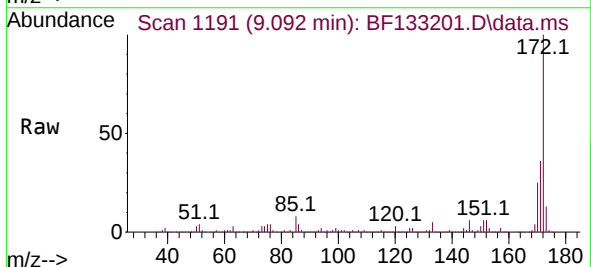
Instrument :
BNA_F
ClientSampleId :
PB152525BL

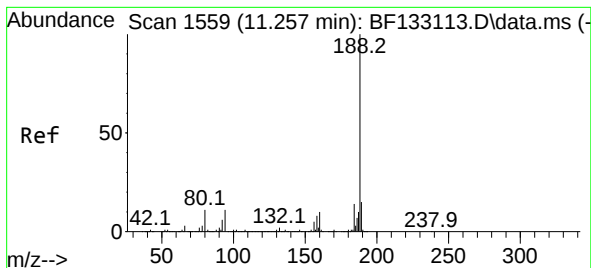
Tgt Ion:330 Resp: 558149
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 29.8 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 73.056 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF133201.D
Acq: 03 May 2023 11:56

Tgt Ion:172 Resp: 2210860
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.6 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133201.D

Acq: 03 May 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB152525BL

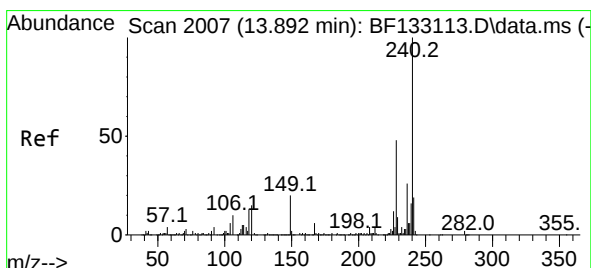
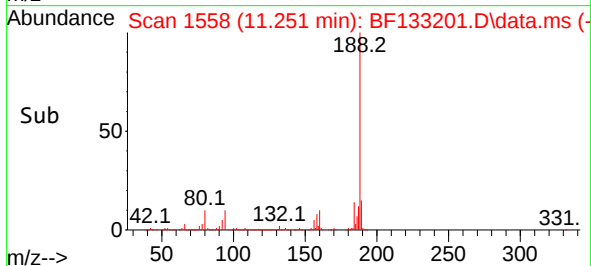
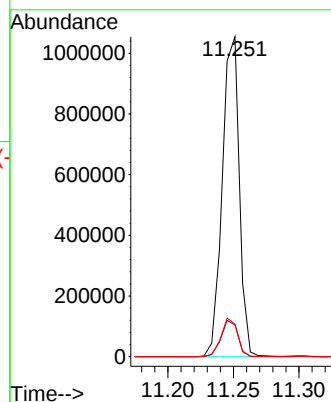
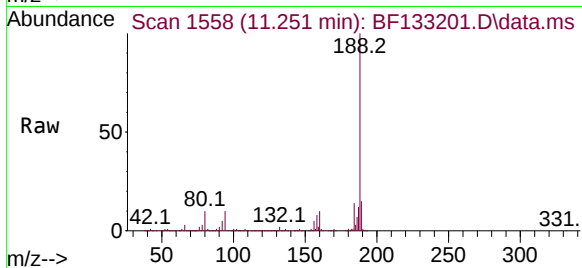
Tgt Ion:188 Resp: 951339

Ion Ratio Lower Upper

188 100

94 9.9 9.7 14.5

80 10.3 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: BF133201.D

Acq: 03 May 2023 11:56

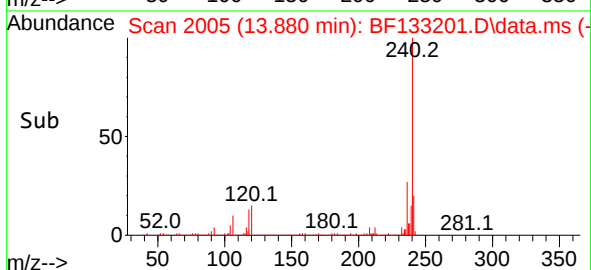
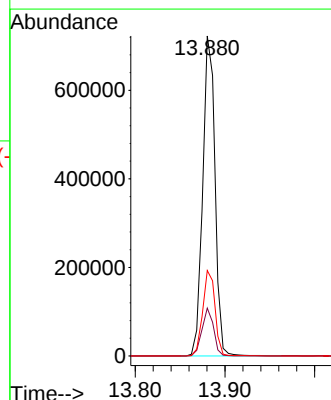
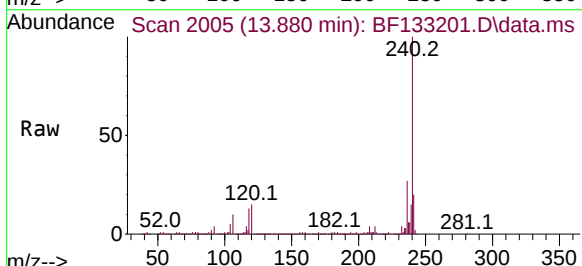
Tgt Ion:240 Resp: 687058

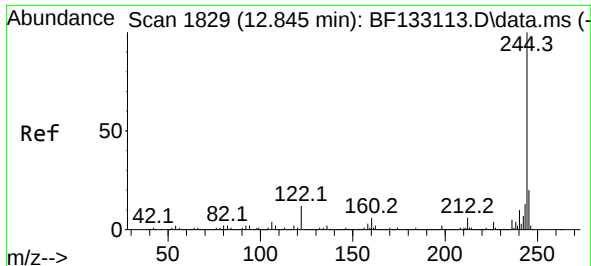
Ion Ratio Lower Upper

240 100

120 14.9 10.5 15.7

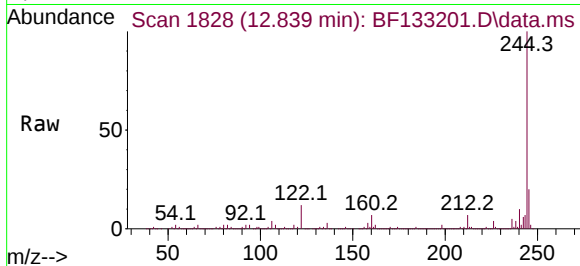
236 26.7 21.5 32.3



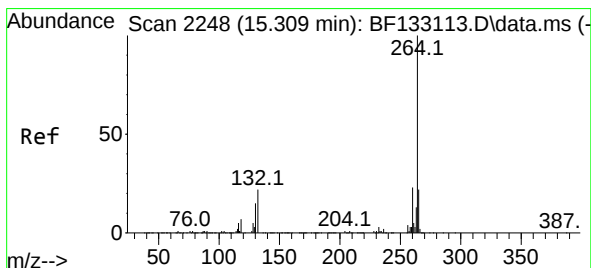
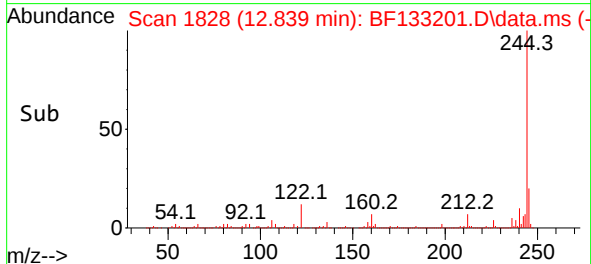
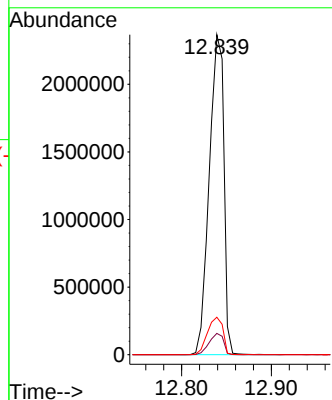


#79
 Terphenyl-d14
 Concen: 67.158 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. -0.000 min
 Lab File: BF133201.D
 Acq: 03 May 2023 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB152525BL



Tgt Ion:244 Resp: 2675388
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 11.7 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: BF133201.D
 Acq: 03 May 2023 11:56

Tgt Ion:264 Resp: 590748
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 21.6 17.0 25.4

