

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
 Data File : BF133410.D
 Acq On : 17 May 2023 13:33
 Operator : CG\JU
 Sample : PB152835BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152851BL

Quant Time: May 17 13:59:15 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 16 14:39:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	314064	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	1322266	20.000	ng	-0.01
39) Acenaphthene-d10	9.751	164	693875	20.000	ng	-0.01
64) Phenanthrene-d10	11.239	188	1230275	20.000	ng	# 0.00
76) Chrysene-d12	13.874	240	824087	20.000	ng	-0.01
86) Perylene-d12	15.298	264	667073	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2326522	111.903	ng	0.01
7) Phenol-d6	6.369	99	2791270	108.166	ng	0.00
23) Nitrobenzene-d5	7.287	82	1737967	70.946	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	729085	104.480	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	2945618	71.022	ng	0.00
79) Terphenyl-d14	12.827	244	3300815	69.080	ng	0.00

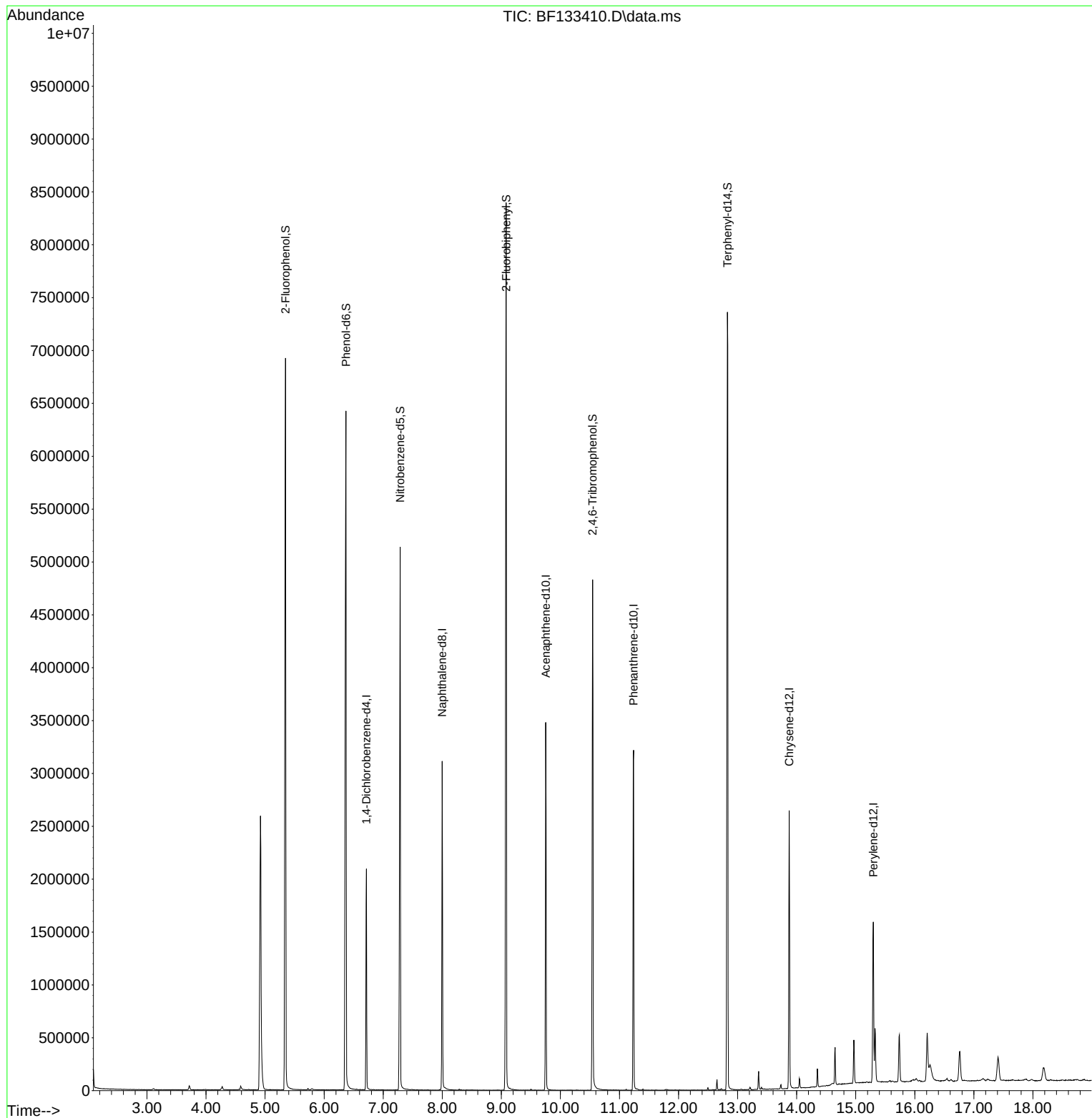
Target Compounds	Qvalue

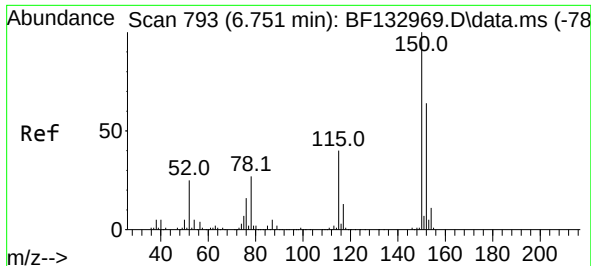
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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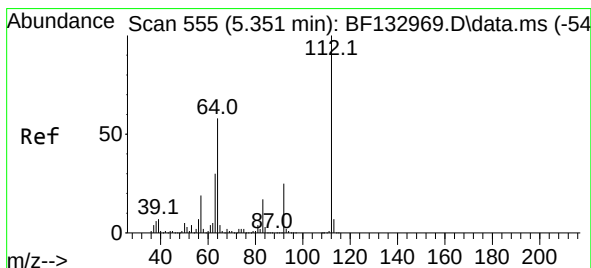
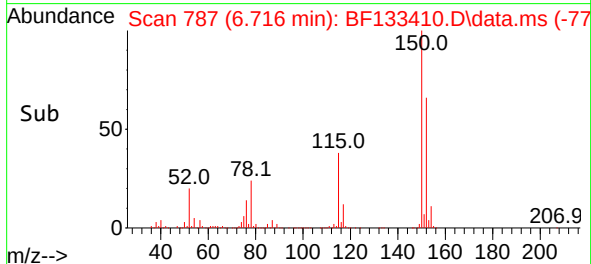
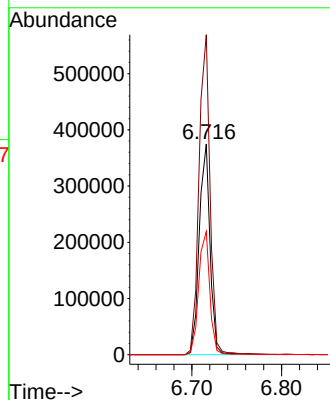
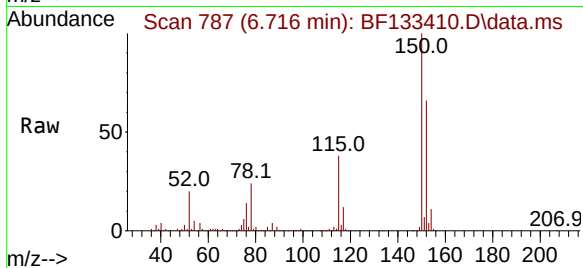




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133410.D
Acq: 17 May 2023 13:33

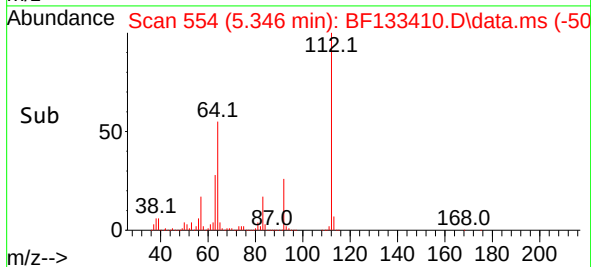
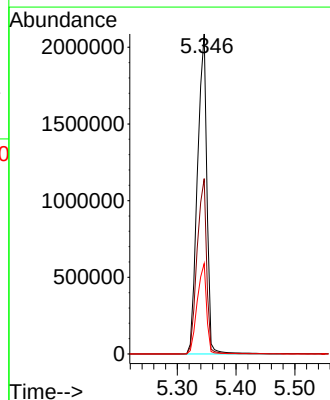
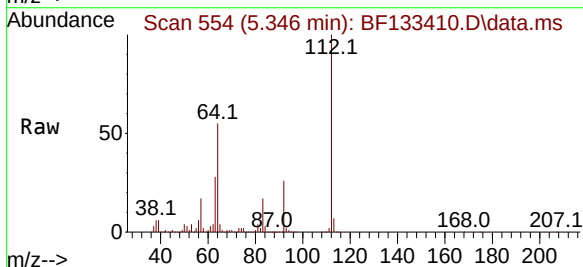
Instrument :
BNA_F
ClientSampleId :
PB152851BL

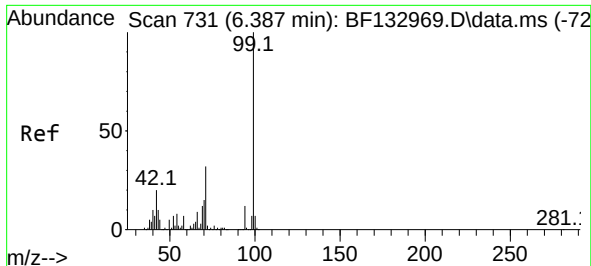
Tgt Ion:152 Resp: 314064
Ion Ratio Lower Upper
152 100
150 151.8 124.8 187.2
115 58.4 49.9 74.9



#5
2-Fluorophenol
Concen: 111.903 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF133410.D
Acq: 17 May 2023 13:33

Tgt Ion:112 Resp: 2326522
Ion Ratio Lower Upper
112 100
64 54.8 46.8 70.2
63 28.3 23.8 35.8

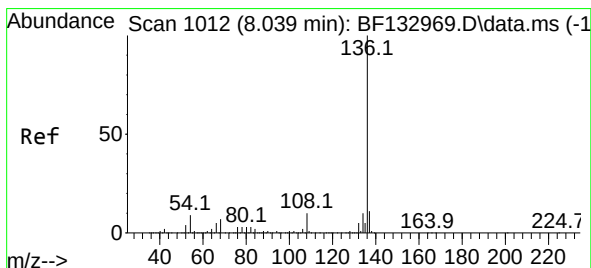
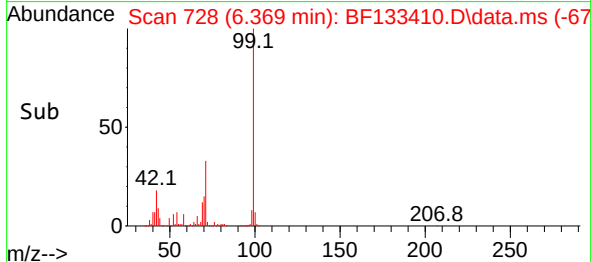
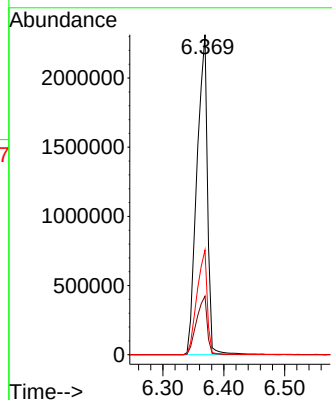
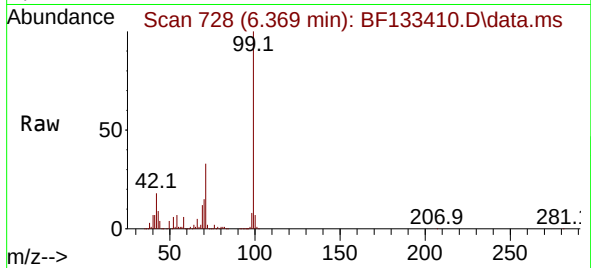




#7
Phenol-d6
Concen: 108.166 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133410.D
Acq: 17 May 2023 13:33

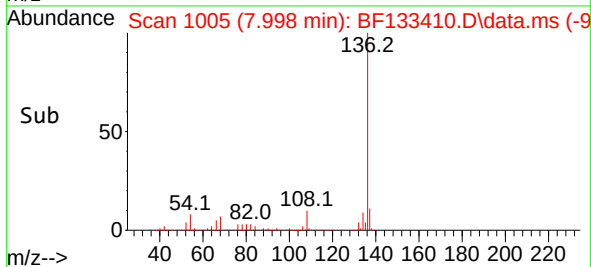
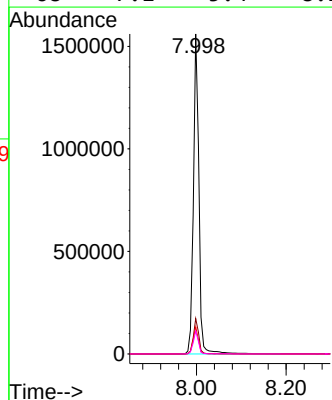
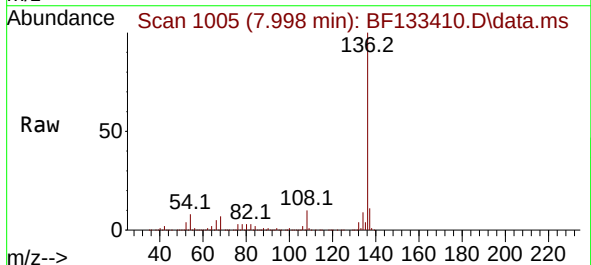
Instrument :
BNA_F
ClientSampleId :
PB152851BL

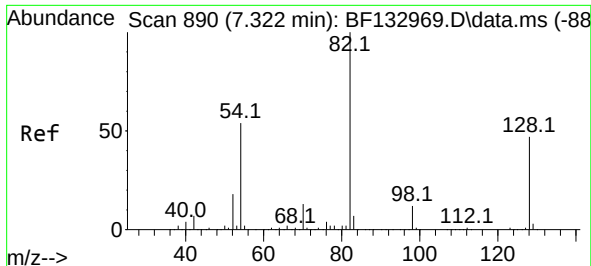
Tgt Ion: 99 Resp: 2791270
Ion Ratio Lower Upper
99 100
42 18.3 16.3 24.5
71 32.7 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF133410.D
Acq: 17 May 2023 13:33

Tgt Ion: 136 Resp: 1322266
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.4 7.0 10.4
68 7.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 70.946 ng

RT: 7.287 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133410.D

Acq: 17 May 2023 13:33

Instrument :

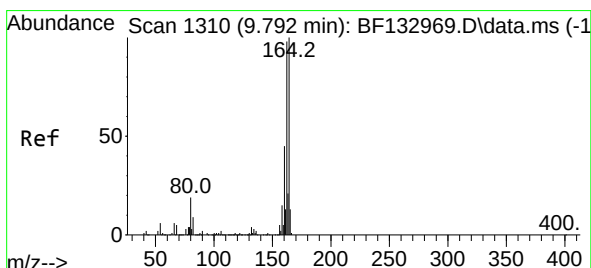
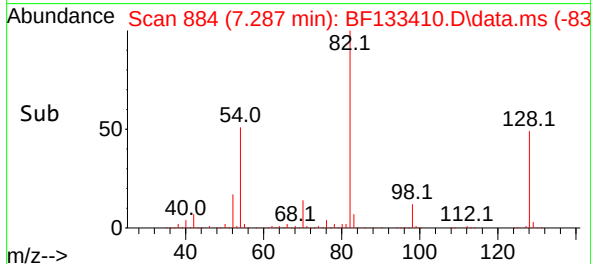
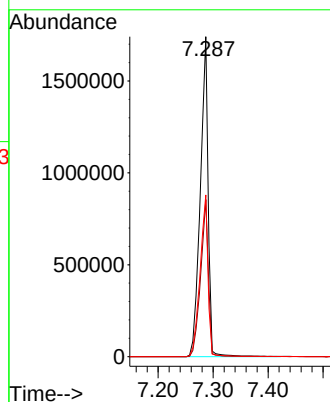
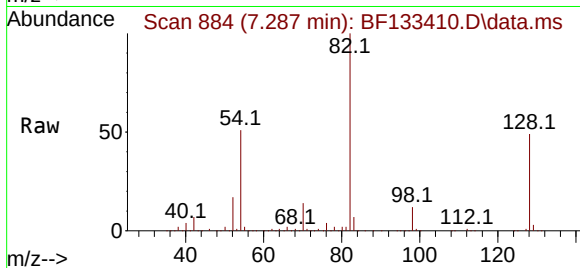
BNA_F

ClientSampleId :

PB152851BL

Tgt Ion: 82 Resp: 1737967

Ion	Ratio	Lower	Upper
82	100		
128	49.1	37.7	56.5
54	50.6	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.751 min Scan# 1303

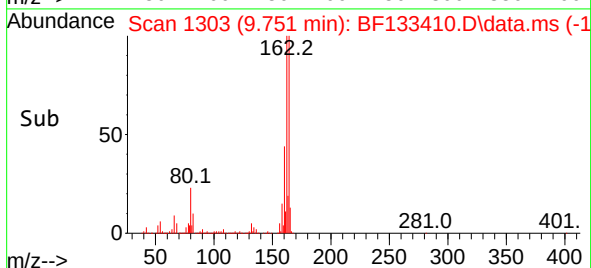
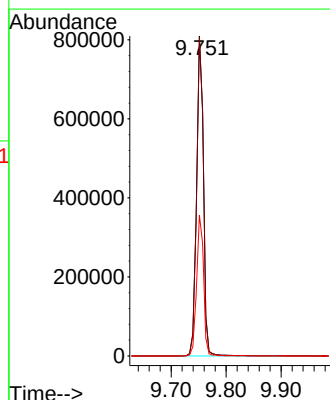
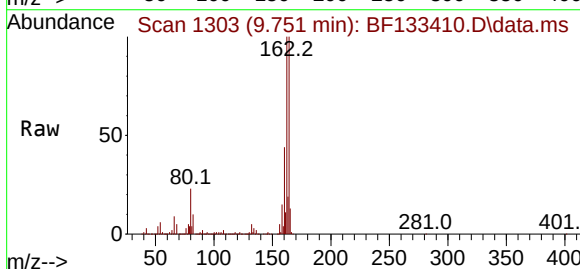
Delta R.T. -0.012 min

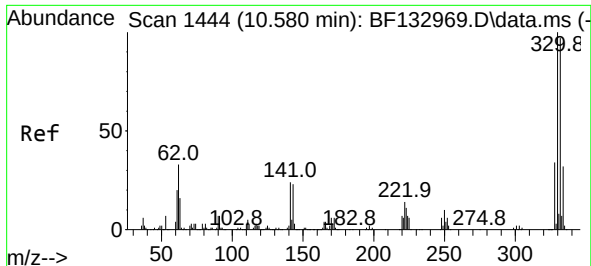
Lab File: BF133410.D

Acq: 17 May 2023 13:33

Tgt Ion:164 Resp: 693875

Ion	Ratio	Lower	Upper
164	100		
162	99.7	78.7	118.1
160	44.1	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 104.480 ng

RT: 10.545 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133410.D

Acq: 17 May 2023 13:33

Instrument :

BNA_F

ClientSampleId :

PB152851BL

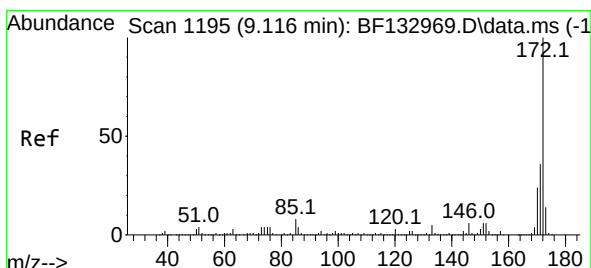
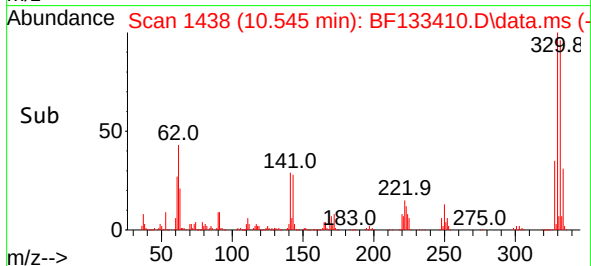
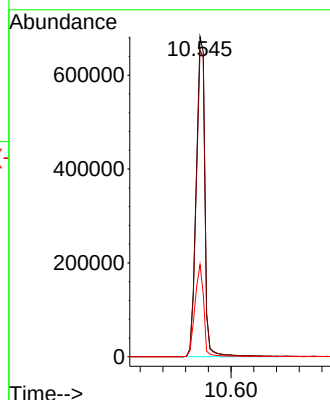
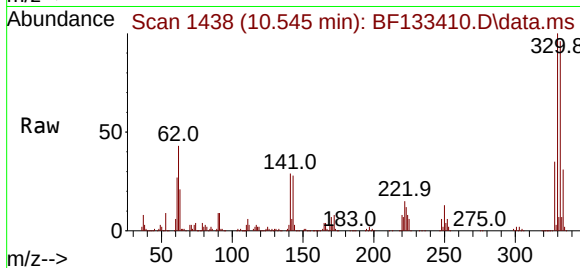
Tgt Ion:330 Resp: 729085

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 29.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 71.022 ng

RT: 9.081 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF133410.D

Acq: 17 May 2023 13:33

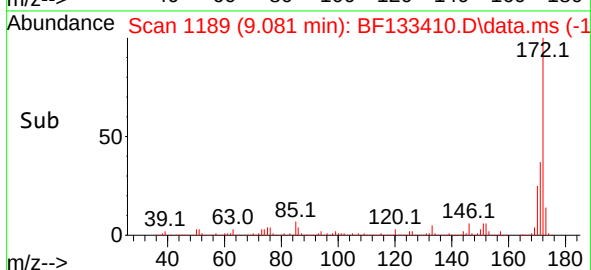
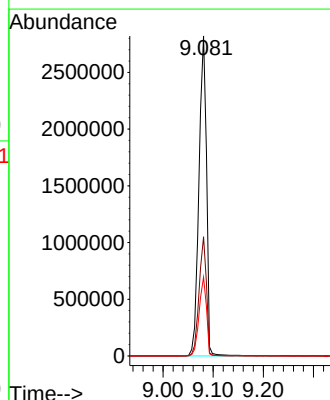
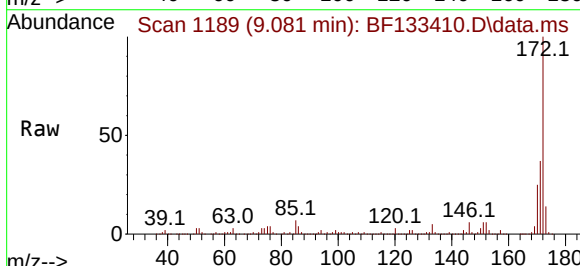
Tgt Ion:172 Resp: 2945618

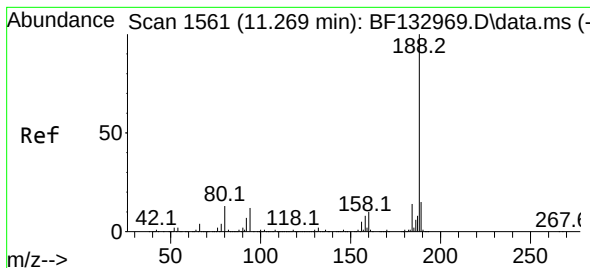
Ion Ratio Lower Upper

172 100

171 37.2 28.8 43.2

170 24.6 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: BF133410.D

Acq: 17 May 2023 13:33

Instrument :

BNA_F

ClientSampleId :

PB152851BL

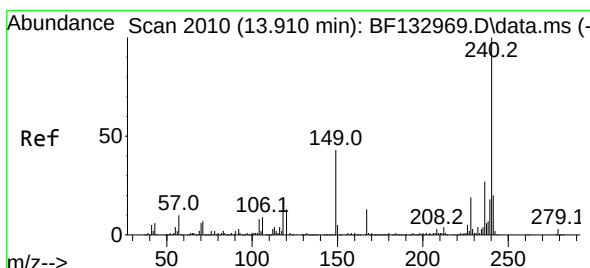
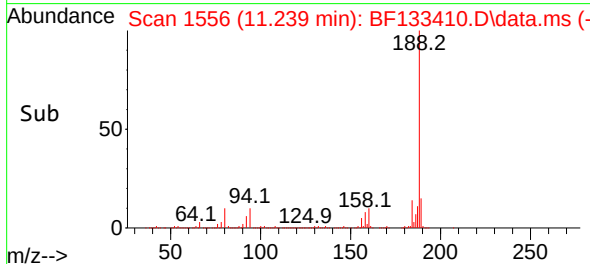
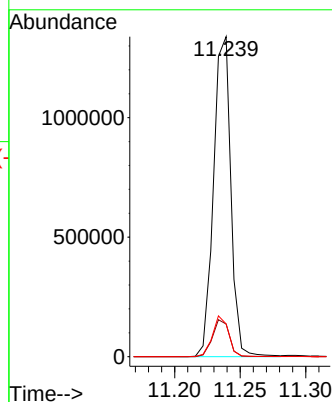
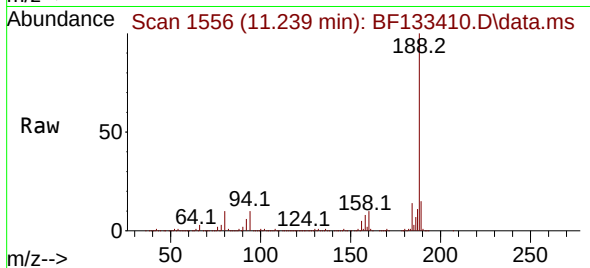
Tgt Ion:188 Resp: 1230275

Ion Ratio Lower Upper

188 100

94 10.2 9.7 14.5

80 10.2 10.4 15.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.012 min

Lab File: BF133410.D

Acq: 17 May 2023 13:33

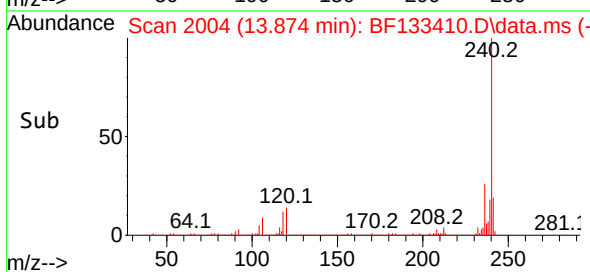
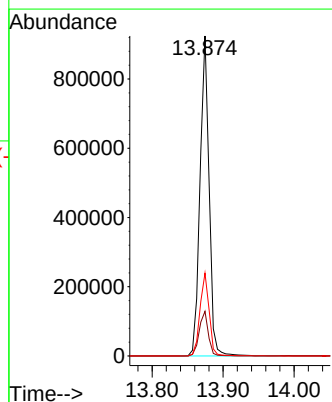
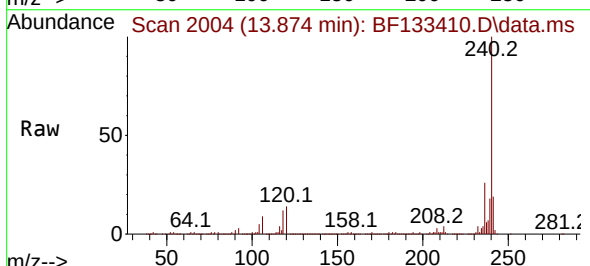
Tgt Ion:240 Resp: 824087

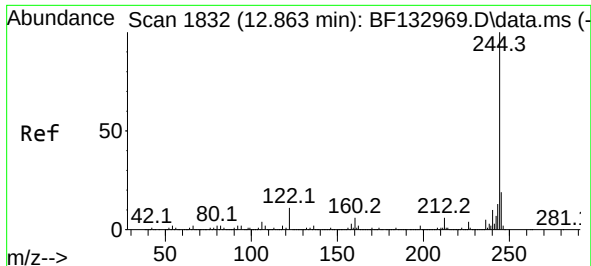
Ion Ratio Lower Upper

240 100

120 14.0 10.5 15.7

236 25.9 21.5 32.3

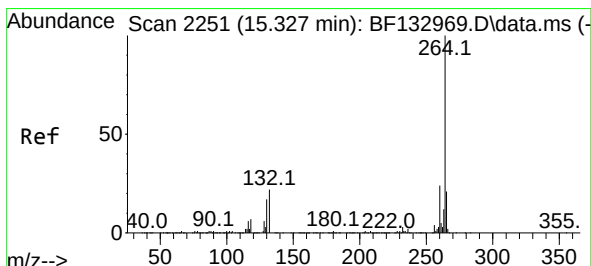
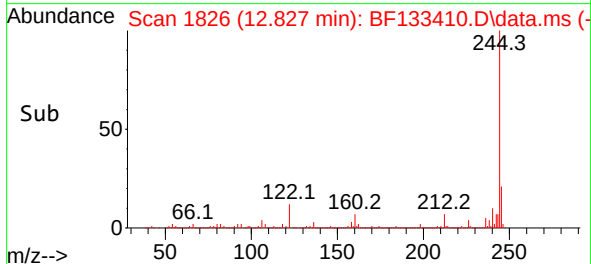
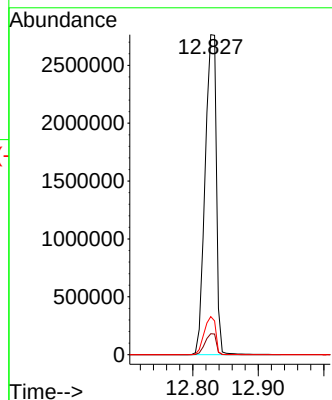
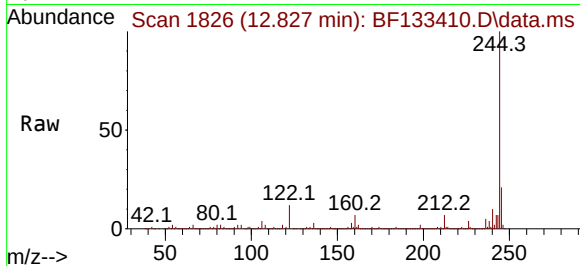




#79
 Terphenyl-d14
 Concen: 69.080 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF133410.D
 Acq: 17 May 2023 13:33

Instrument :
 BNA_F
 ClientSampleId :
 PB152851BL

Tgt Ion:244 Resp: 3300815
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.9 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2246
 Delta R.T. -0.006 min
 Lab File: BF133410.D
 Acq: 17 May 2023 13:33

Tgt Ion:264 Resp: 667073
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.9 17.0 25.4

