

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133386.D
 Acq On : 15 May 2023 16:04
 Operator : CG\JU
 Sample : PB152783BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152783BL

Quant Time: May 15 17:23:12 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 11 16:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	271516	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	1145312	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	618278	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	1128912	20.000	ng	0.00
76) Chrysene-d12	13.874	240	724617	20.000	ng	0.00
86) Perylene-d12	15.298	264	559420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2066840	114.991	ng	0.02
7) Phenol-d6	6.369	99	2551606	114.374	ng	0.00
23) Nitrobenzene-d5	7.287	82	1577187	74.330	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	642707	103.363	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2593187	70.169	ng	0.00
79) Terphenyl-d14	12.833	244	2932829	69.805	ng	0.00

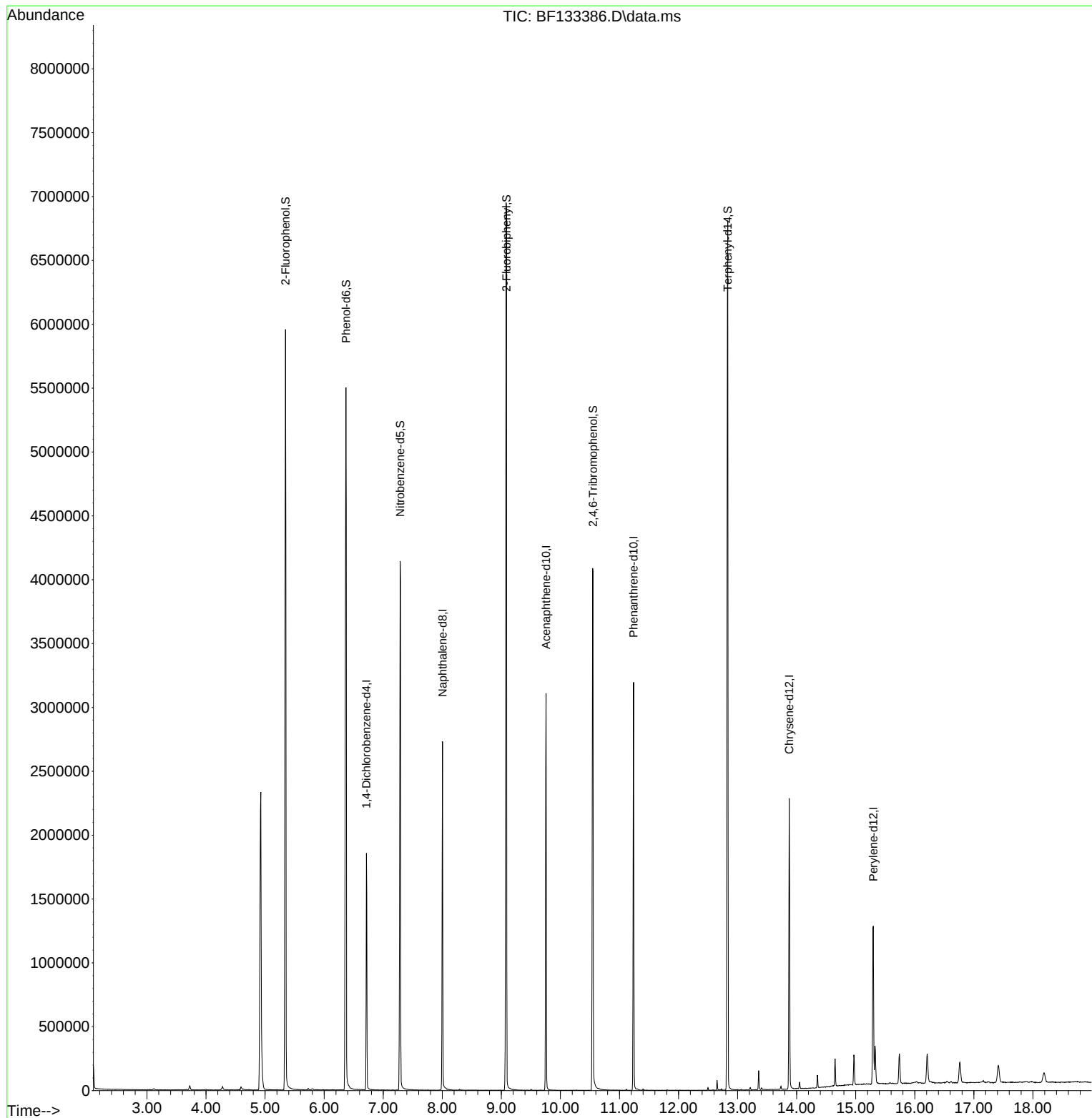
Target Compounds	Qvalue

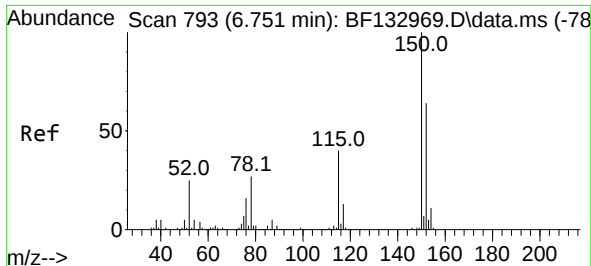
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

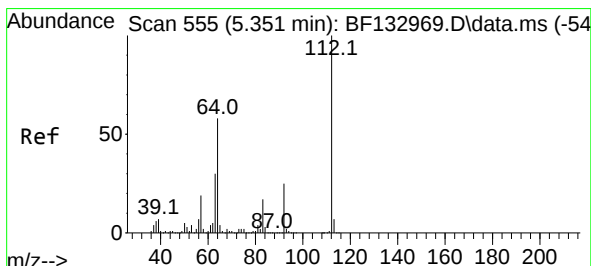
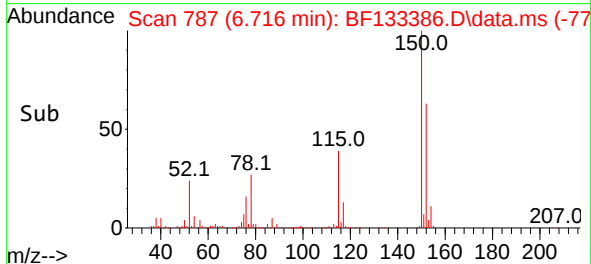
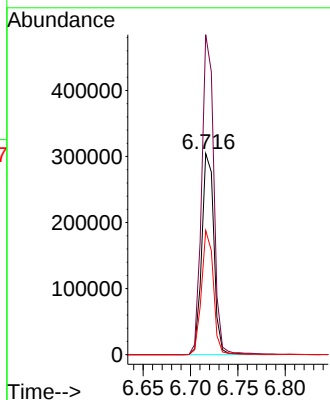
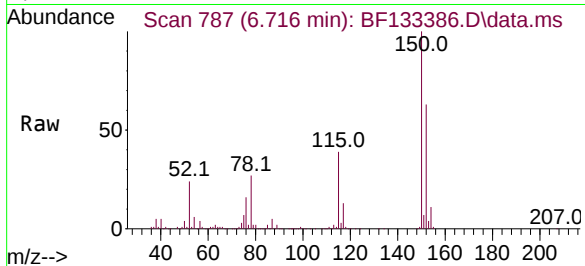




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.716 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF133386.D
 Acq: 15 May 2023 16:04

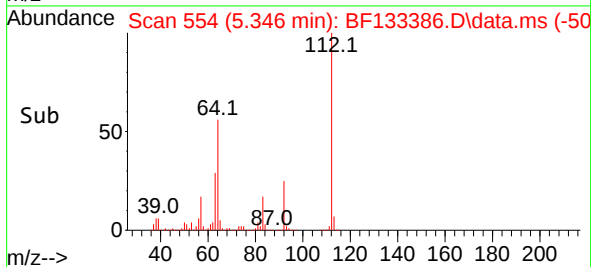
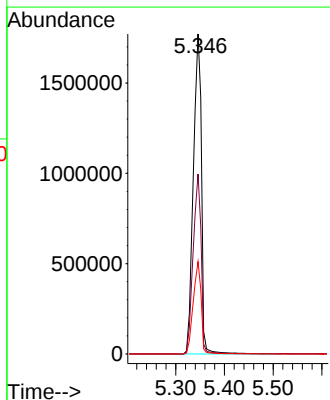
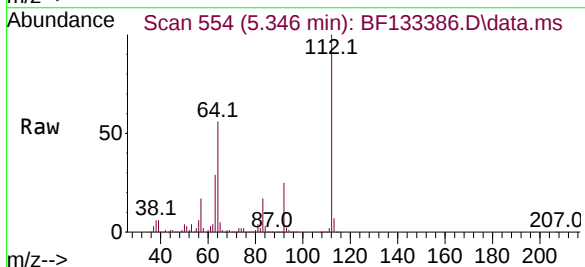
Instrument :
 BNA_F
 ClientSampleId :
 PB152783BL

Tgt Ion:152 Resp: 271516
 Ion Ratio Lower Upper
 152 100
 150 159.0 124.8 187.2
 115 61.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 114.991 ng
 RT: 5.346 min Scan# 554
 Delta R.T. 0.018 min
 Lab File: BF133386.D
 Acq: 15 May 2023 16:04

Tgt Ion:112 Resp: 2066840
 Ion Ratio Lower Upper
 112 100
 64 56.3 46.8 70.2
 63 28.9 23.8 35.8





#7

Phenol-d6

Concen: 114.374 ng

RT: 6.369 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133386.D

Acq: 15 May 2023 16:04

Instrument :

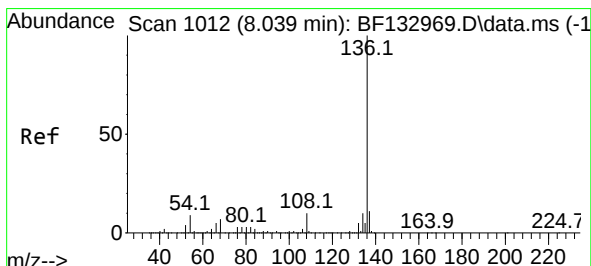
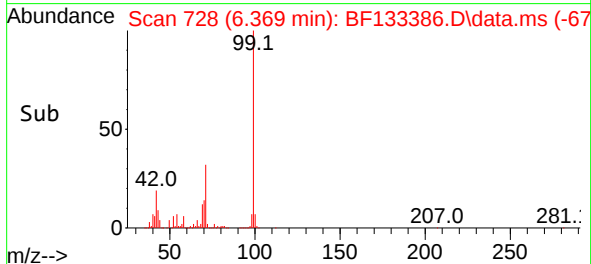
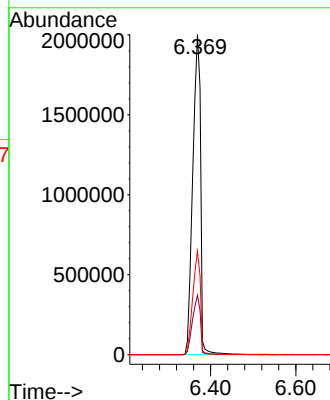
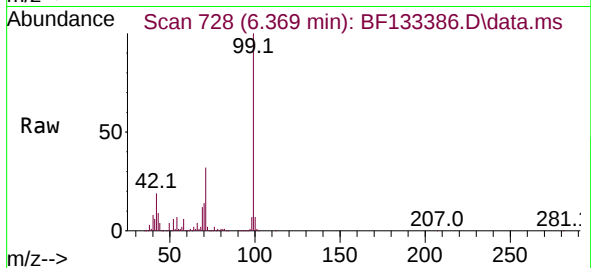
BNA_F

ClientSampleId :

PB152783BL

Tgt Ion: 99 Resp: 2551606

Ion	Ratio	Lower	Upper
99	100		
42	18.6	16.3	24.5
71	32.4	25.6	38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.004 min Scan# 1006

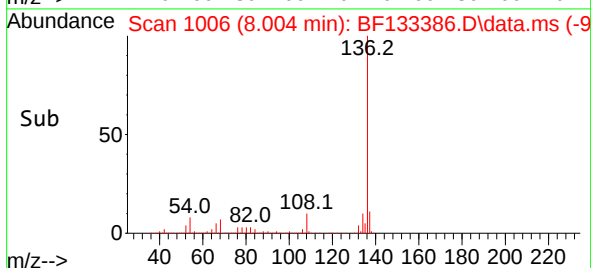
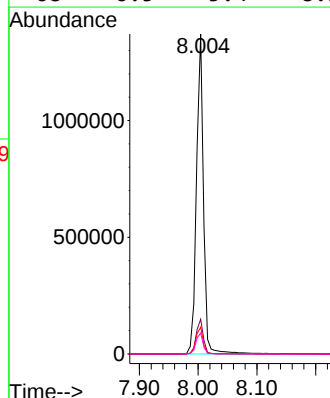
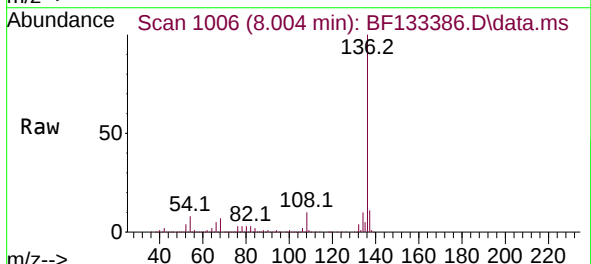
Delta R.T. -0.006 min

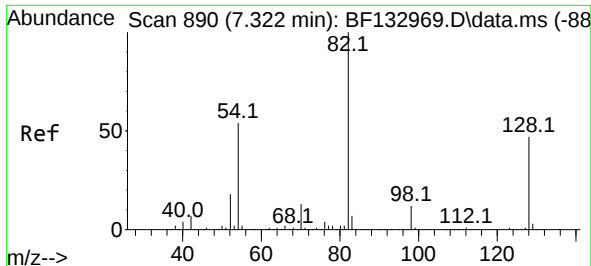
Lab File: BF133386.D

Acq: 15 May 2023 16:04

Tgt Ion: 136 Resp: 1145312

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.4	7.0	10.4
68	6.5	5.4	8.2





#23

Nitrobenzene-d5

Concen: 74.330 ng

RT: 7.287 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133386.D

Acq: 15 May 2023 16:04

Instrument :

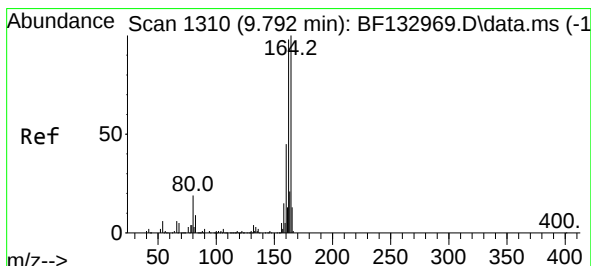
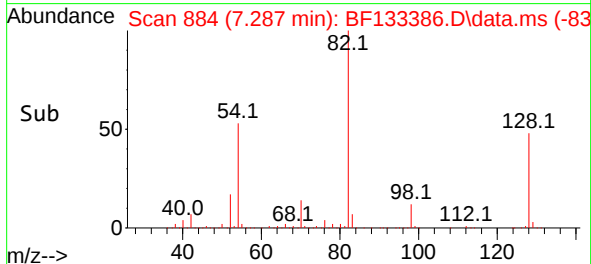
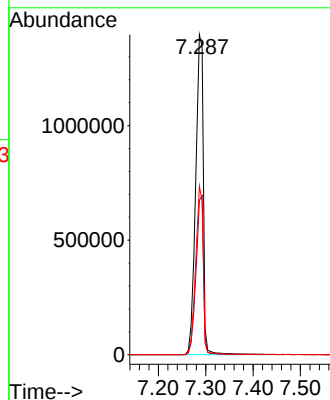
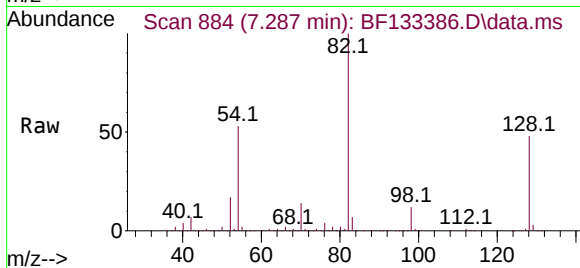
BNA_F

ClientSampleId :

PB152783BL

Tgt Ion: 82 Resp: 1577187

Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.7	56.5
54	52.7	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

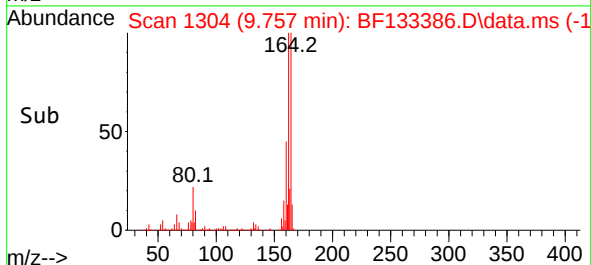
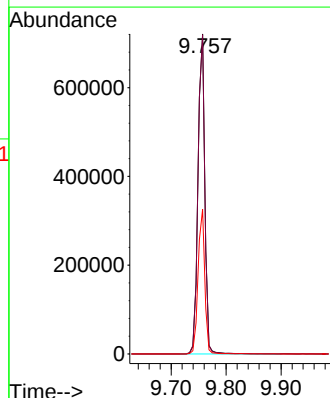
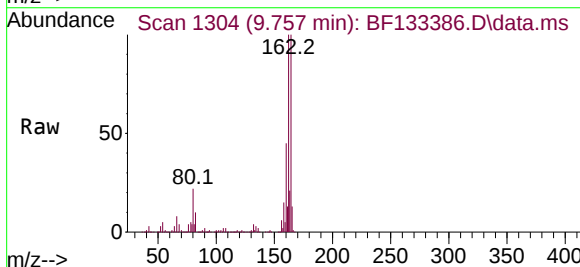
Delta R.T. 0.000 min

Lab File: BF133386.D

Acq: 15 May 2023 16:04

Tgt Ion:164 Resp: 618278

Ion	Ratio	Lower	Upper
164	100		
162	99.7	78.7	118.1
160	45.2	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 103.363 ng

RT: 10.551 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BF133386.D

Acq: 15 May 2023 16:04

Instrument :

BNA_F

ClientSampleId :

PB152783BL

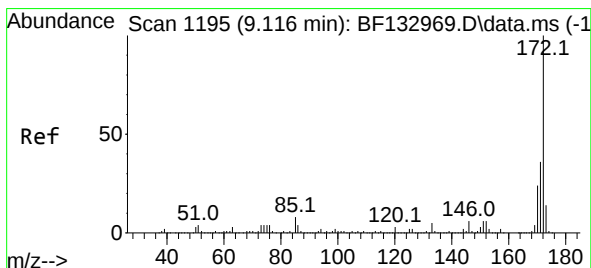
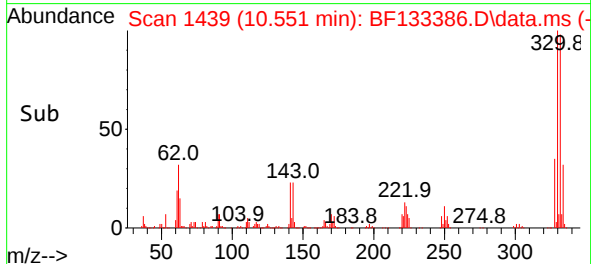
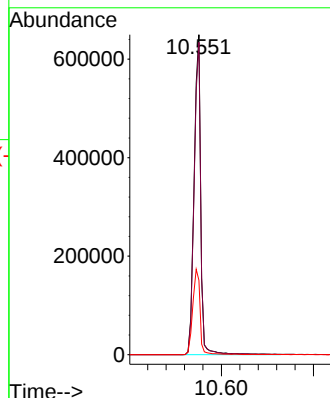
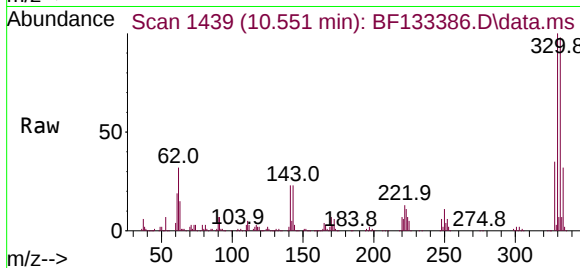
Tgt Ion:330 Resp: 642707

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

141 29.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 70.169 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF133386.D

Acq: 15 May 2023 16:04

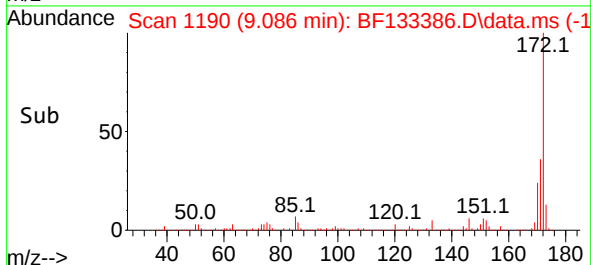
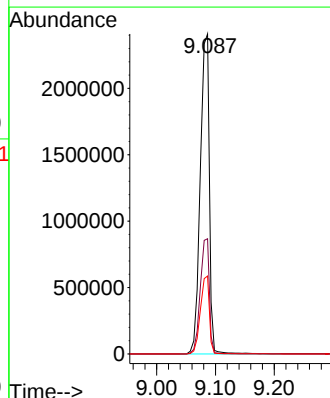
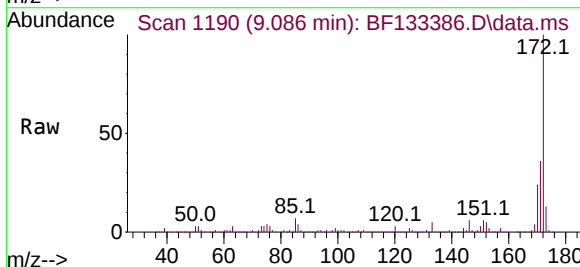
Tgt Ion:172 Resp: 2593187

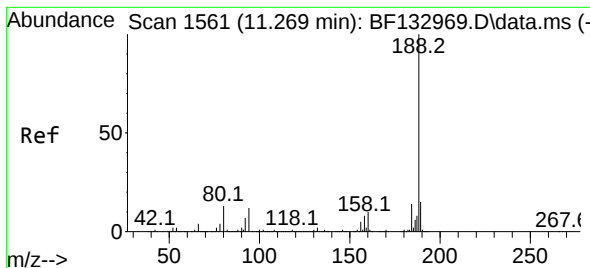
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.3 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133386.D

Acq: 15 May 2023 16:04

Instrument :

BNA_F

ClientSampleId :

PB152783BL

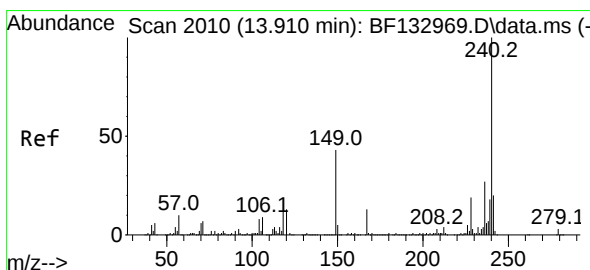
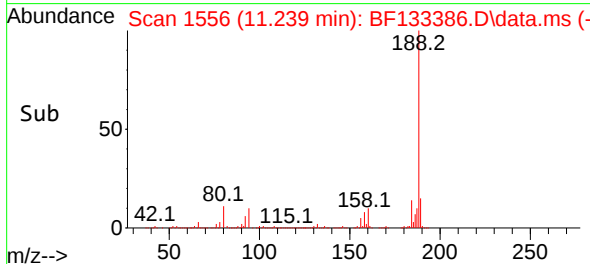
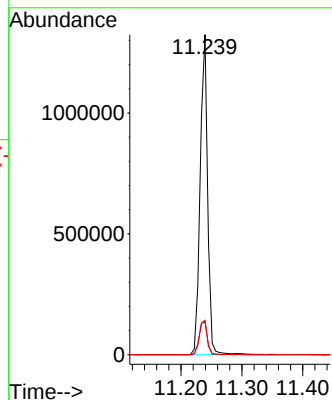
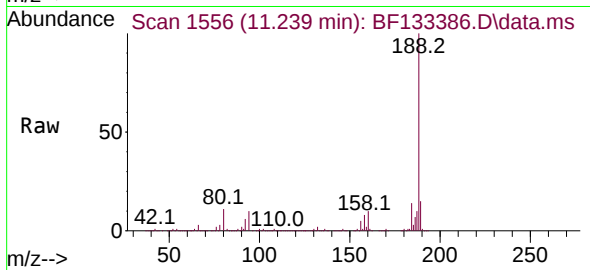
Tgt Ion:188 Resp: 1128912

Ion Ratio Lower Upper

188 100

94 10.3 9.7 14.5

80 10.8 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: BF133386.D

Acq: 15 May 2023 16:04

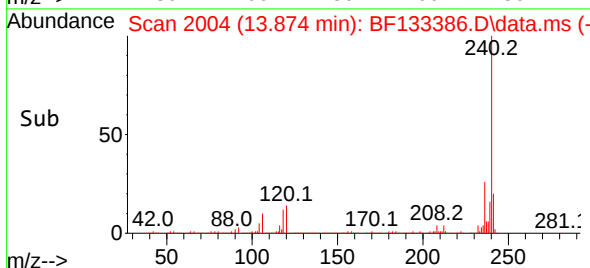
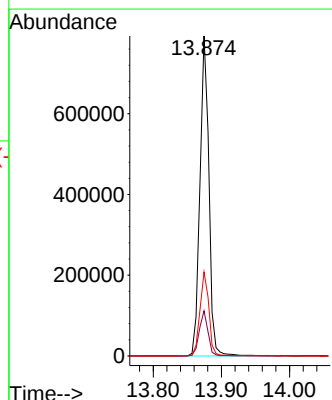
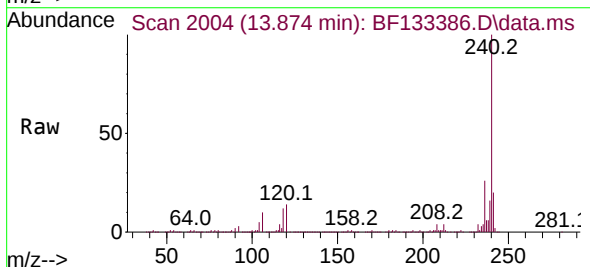
Tgt Ion:240 Resp: 724617

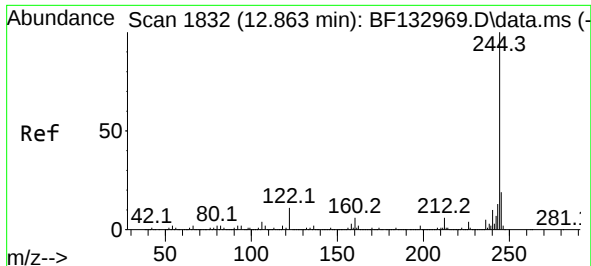
Ion Ratio Lower Upper

240 100

120 14.1 10.5 15.7

236 26.3 21.5 32.3

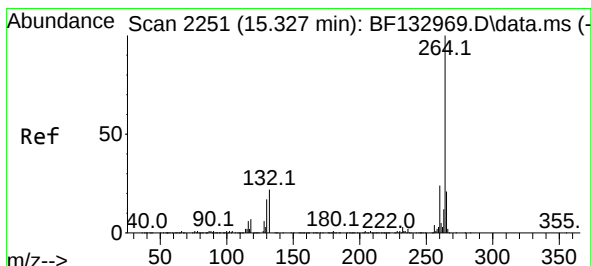
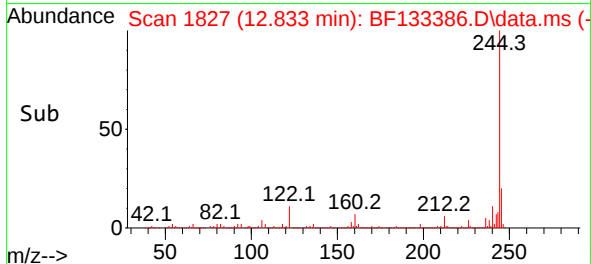
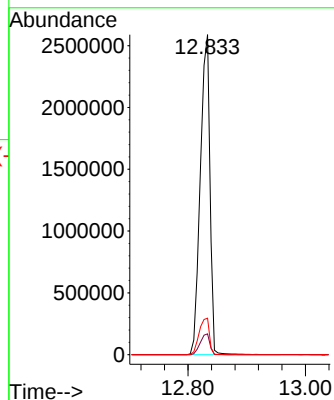
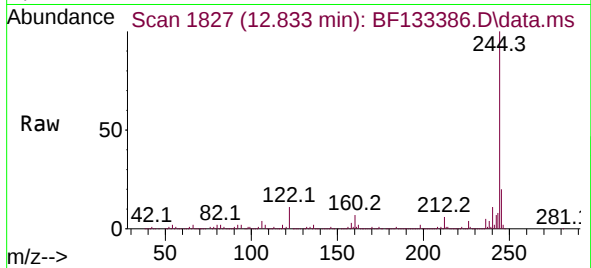




#79
 Terphenyl-d14
 Concen: 69.805 ng
 RT: 12.833 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF133386.D
 Acq: 15 May 2023 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB152783BL

Tgt Ion:244 Resp: 2932829
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.4 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: BF133386.D
 Acq: 15 May 2023 16:04

Tgt Ion:264 Resp: 559420
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 22.3 17.0 25.4

