

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
 Data File : BF133439.D
 Acq On : 18 May 2023 15:34
 Operator : CG\JU
 Sample : PB152875BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152875BL

Quant Time: May 18 18:59:04 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	6.710	152	236761	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	951403	20.000	ng	0.00
39) Acenaphthene-d10	9.751	164	496080	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	903310	20.000	ng	0.00
76) Chrysene-d12	13.868	240	468377	20.000	ng	-0.01
86) Perylene-d12	15.292	264	398611	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1854779	118.341	ng	0.01
7) Phenol-d6	6.363	99	2181041	112.114	ng	0.00
23) Nitrobenzene-d5	7.281	82	1404634	79.690	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	583345	116.925	ng	0.00
45) 2-Fluorobiphenyl	9.075	172	2408062	81.210	ng	0.00
79) Terphenyl-d14	12.827	244	2381243	87.683	ng	0.00

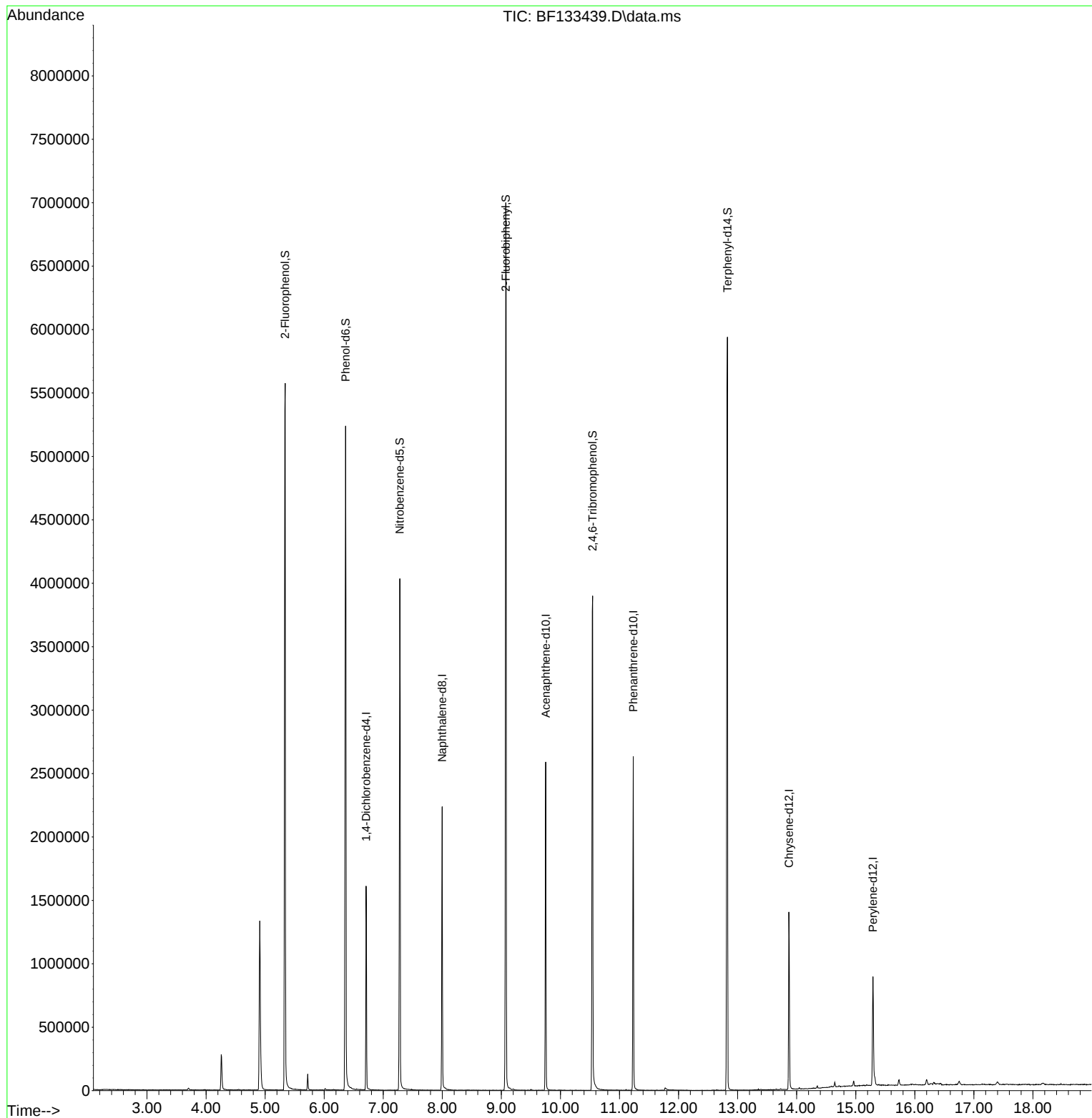
Target Compounds	Qvalue

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

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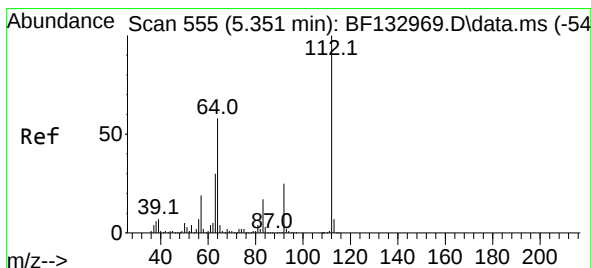
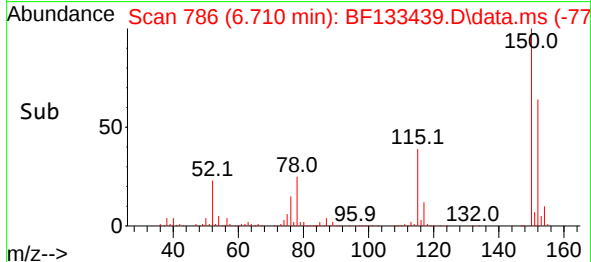
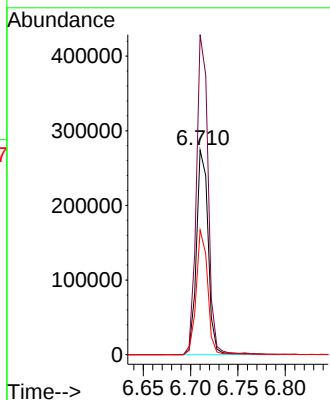
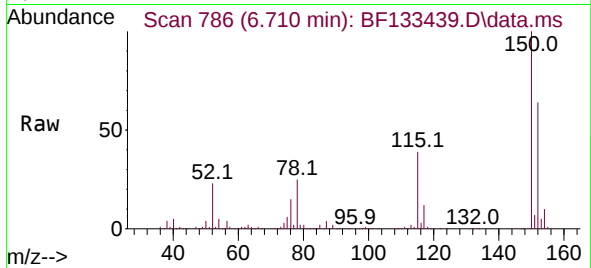




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.710 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: BF133439.D
 Acq: 18 May 2023 15:34

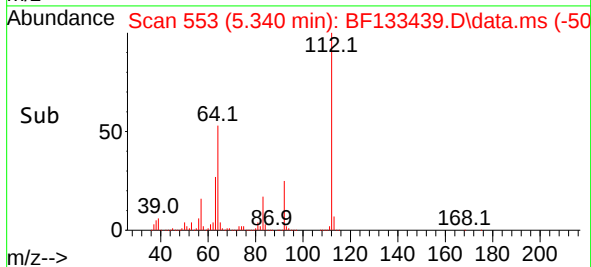
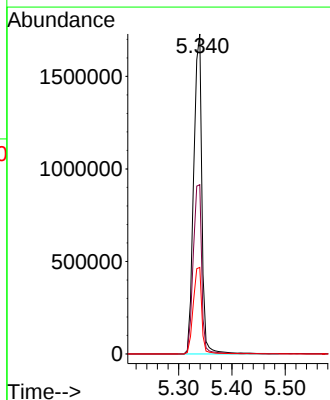
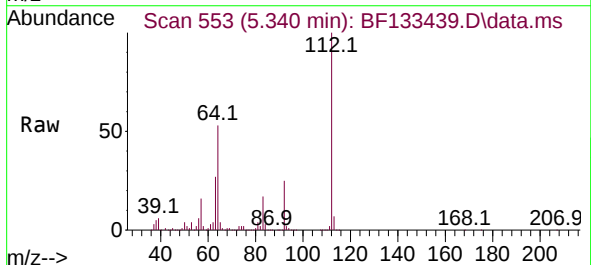
Instrument :
 BNA_F
 ClientSampleId :
 PB152875BL

Tgt Ion:152 Resp: 236761
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.8 187.2
 115 61.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 118.341 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.012 min
 Lab File: BF133439.D
 Acq: 18 May 2023 15:34

Tgt Ion:112 Resp: 1854779
 Ion Ratio Lower Upper
 112 100
 64 52.9 46.8 70.2
 63 27.1 23.8 35.8

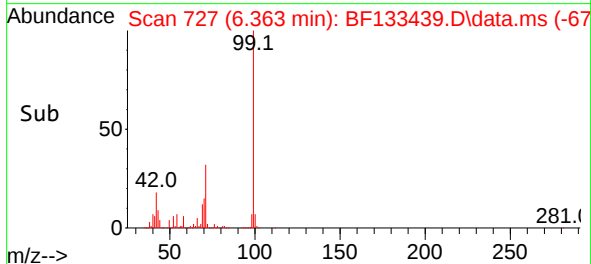
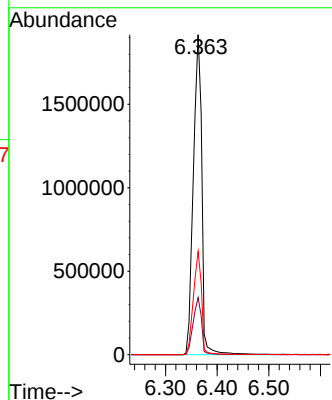
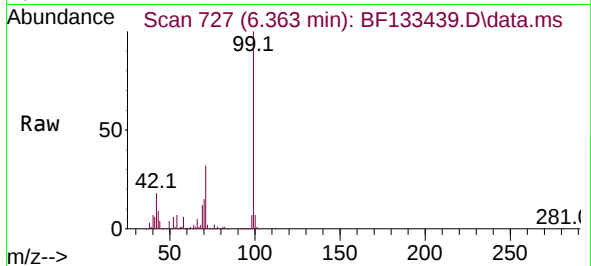




#7
Phenol-d6
Concen: 112.114 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133439.D
Acq: 18 May 2023 15:34

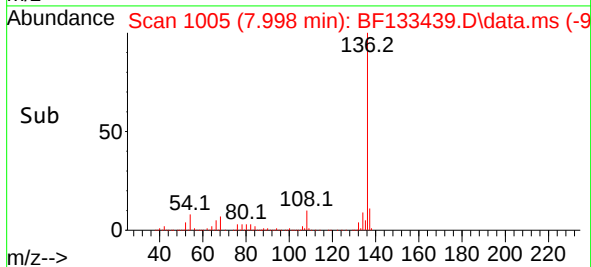
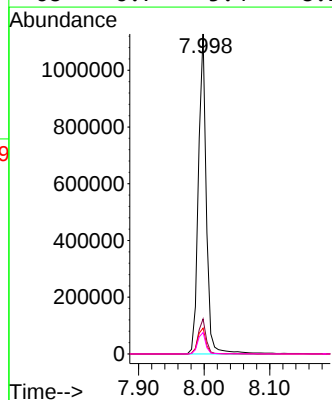
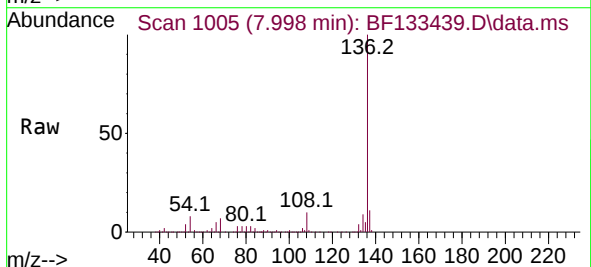
Instrument :
BNA_F
ClientSampleId :
PB152875BL

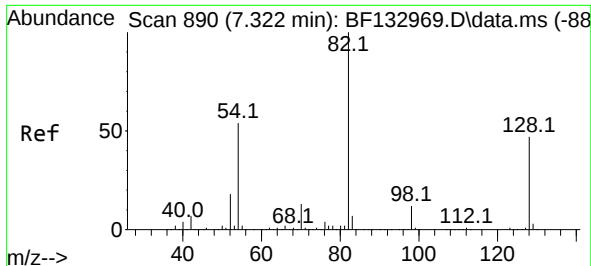
Tgt Ion: 99 Resp: 2181041
Ion Ratio Lower Upper
99 100
42 17.8 16.3 24.5
71 32.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF133439.D
Acq: 18 May 2023 15:34

Tgt Ion: 136 Resp: 951403
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.1 7.0 10.4
68 6.7 5.4 8.2





#23

Nitrobenzene-d5

Concen: 79.690 ng

RT: 7.281 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133439.D

Acq: 18 May 2023 15:34

Instrument :

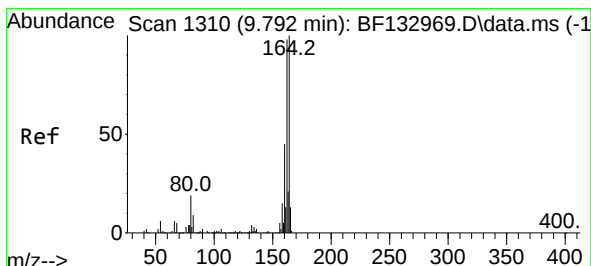
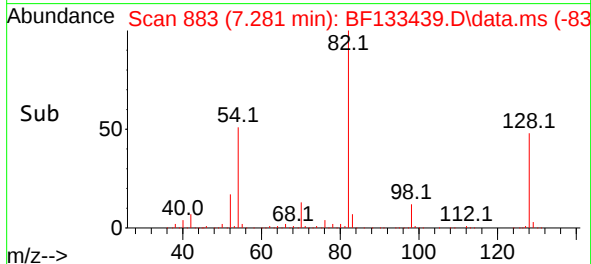
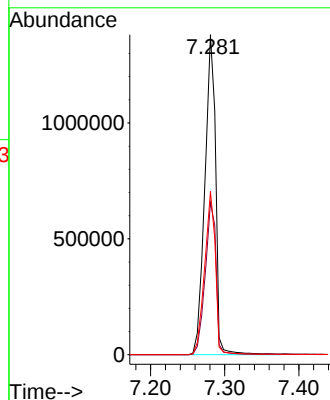
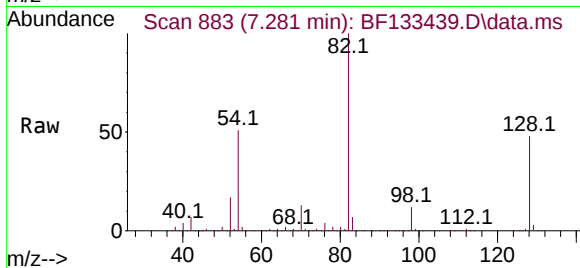
BNA_F

ClientSampleId :

PB152875BL

Tgt Ion: 82 Resp: 1404634

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.7	56.5
54	51.1	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.751 min Scan# 1303

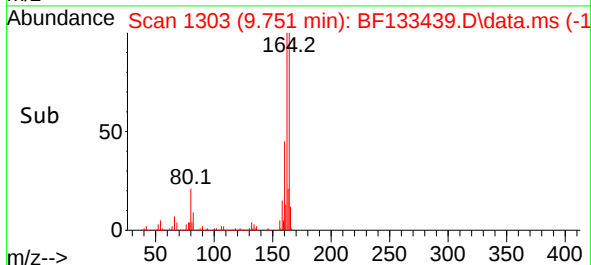
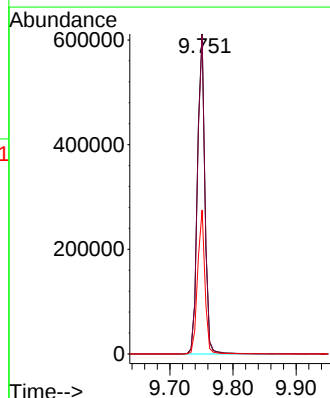
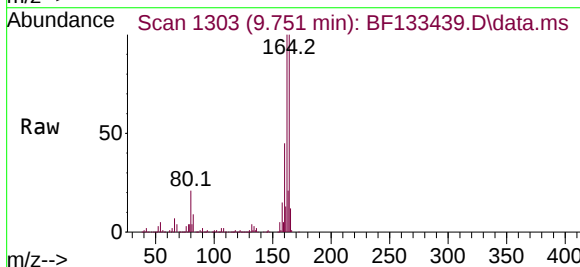
Delta R.T. -0.006 min

Lab File: BF133439.D

Acq: 18 May 2023 15:34

Tgt Ion:164 Resp: 496080

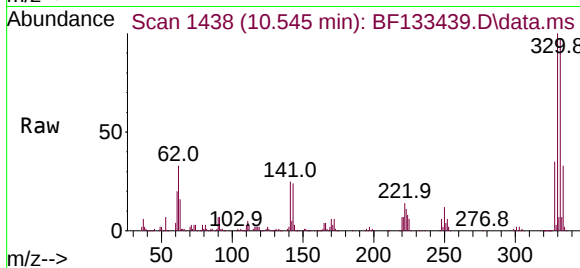
Ion	Ratio	Lower	Upper
164	100		
162	99.7	78.7	118.1
160	45.0	35.8	53.6



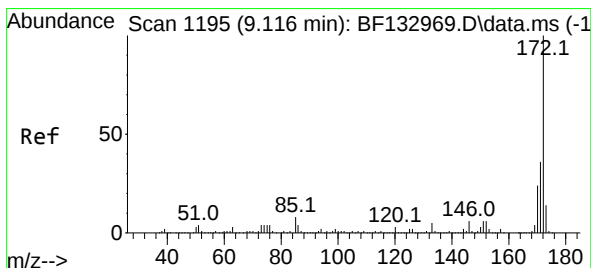
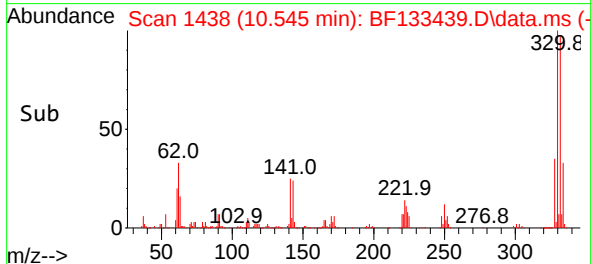
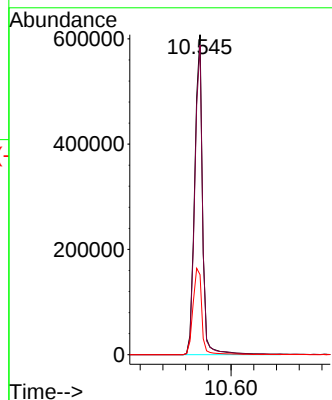


#42
2,4,6-Tribromophenol
Concen: 116.925 ng
RT: 10.545 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF133439.D
Acq: 18 May 2023 15:34

Instrument :
BNA_F
ClientSampleId :
PB152875BL

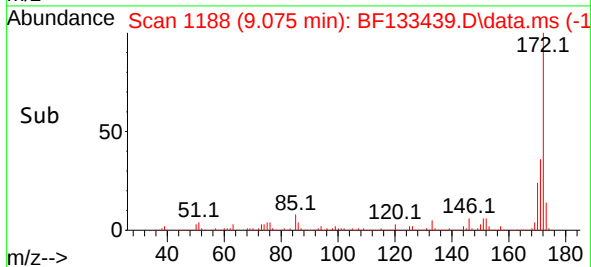
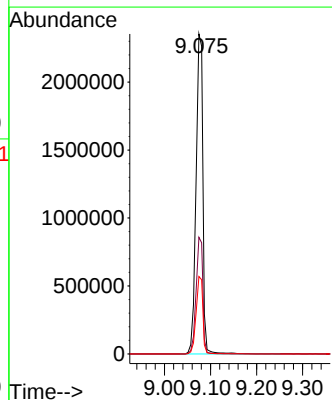
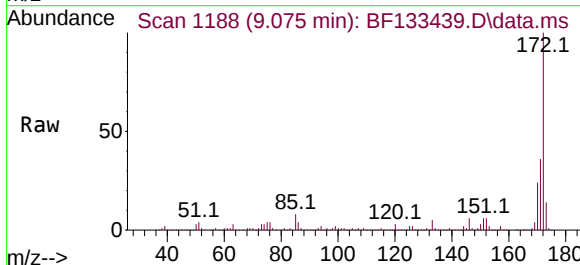


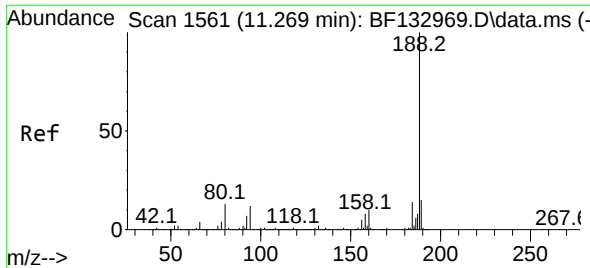
Tgt Ion:330 Resp: 583345
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 30.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 81.210 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF133439.D
Acq: 18 May 2023 15:34

Tgt Ion:172 Resp: 2408062
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 24.2 19.4 29.2

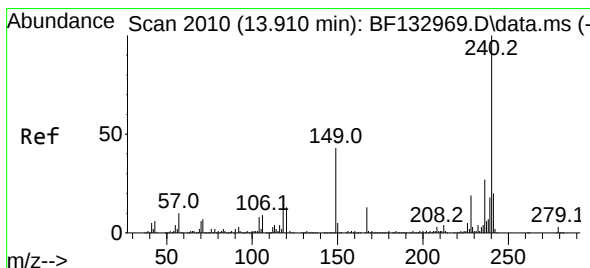
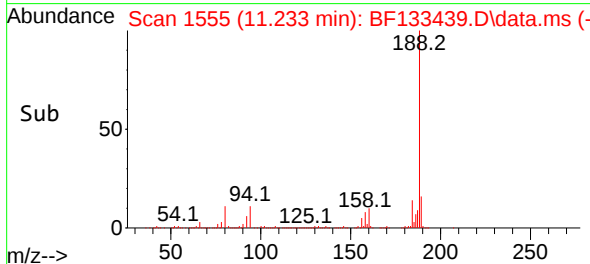
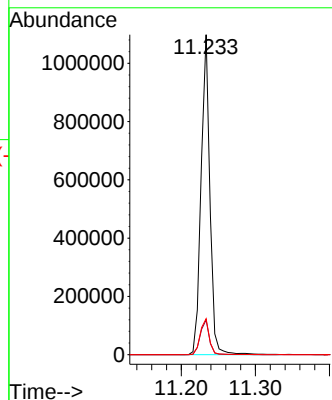
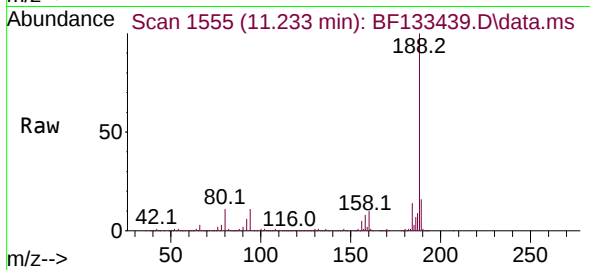




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133439.D
Acq: 18 May 2023 15:34

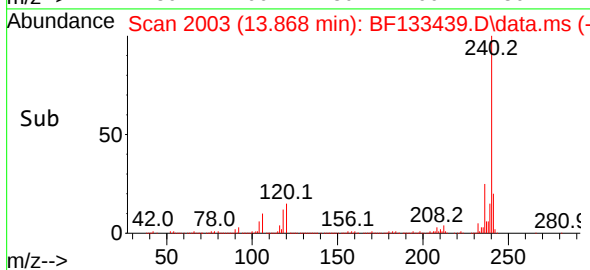
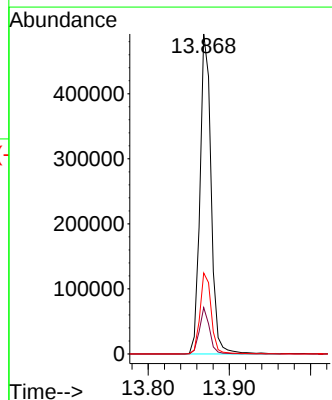
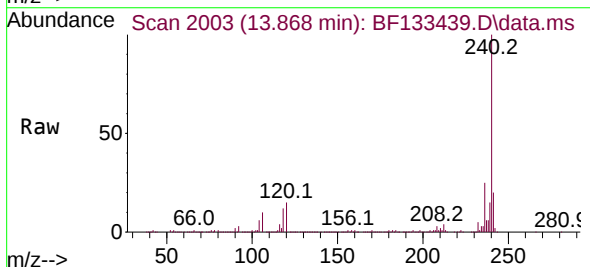
Instrument :
BNA_F
ClientSampleId :
PB152875BL

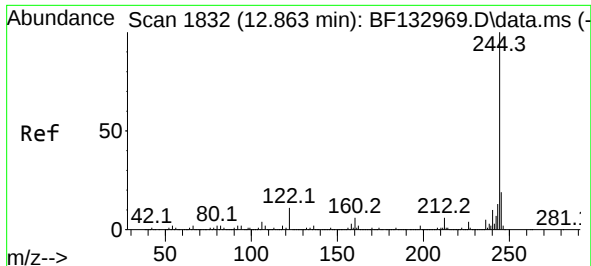
Tgt Ion:188 Resp: 903310
Ion Ratio Lower Upper
188 100
94 10.8 9.7 14.5
80 11.2 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF133439.D
Acq: 18 May 2023 15:34

Tgt Ion:240 Resp: 468377
Ion Ratio Lower Upper
240 100
120 14.5 10.5 15.7
236 25.3 21.5 32.3

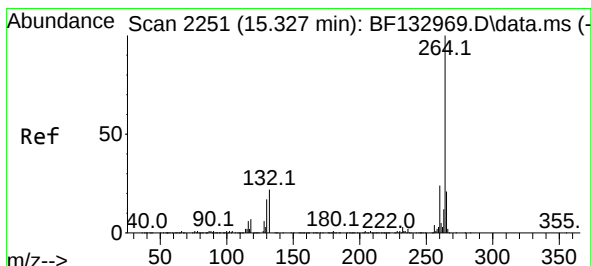
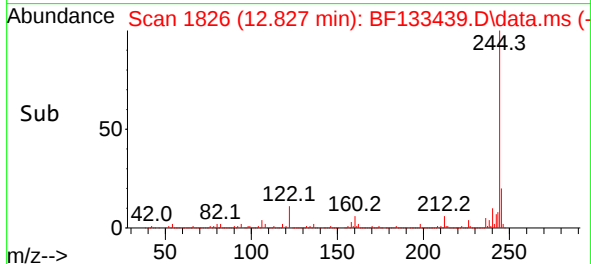
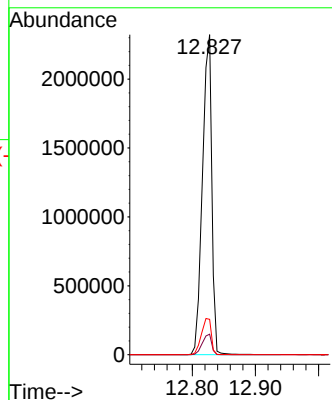
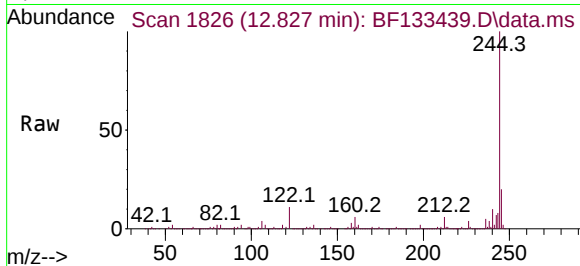




#79
 Terphenyl-d14
 Concen: 87.683 ng
 RT: 12.827 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133439.D
 Acq: 18 May 2023 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB152875BL

Tgt Ion:244 Resp: 2381243
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 11.0 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: BF133439.D
 Acq: 18 May 2023 15:34

Tgt Ion:264 Resp: 398611
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.8 28.2
 265 21.1 17.0 25.4

