

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
 Data File : BF133367.D
 Acq On : 12 May 2023 13:47
 Operator : CG\JU
 Sample : PB152754BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152754BL

Quant Time: May 12 14:19:07 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	6.722	152	237029	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	982867	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	516916	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	953550	20.000	ng	# 0.00
76) Chrysene-d12	13.874	240	648348	20.000	ng	0.00
86) Perylene-d12	15.292	264	505361	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1830382	116.652	ng	0.02
7) Phenol-d6	6.369	99	2232711	114.641	ng	0.00
23) Nitrobenzene-d5	7.287	82	1374581	75.489	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	541794	104.220	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2244410	72.640	ng	0.00
79) Terphenyl-d14	12.827	244	2548948	67.804	ng	0.00

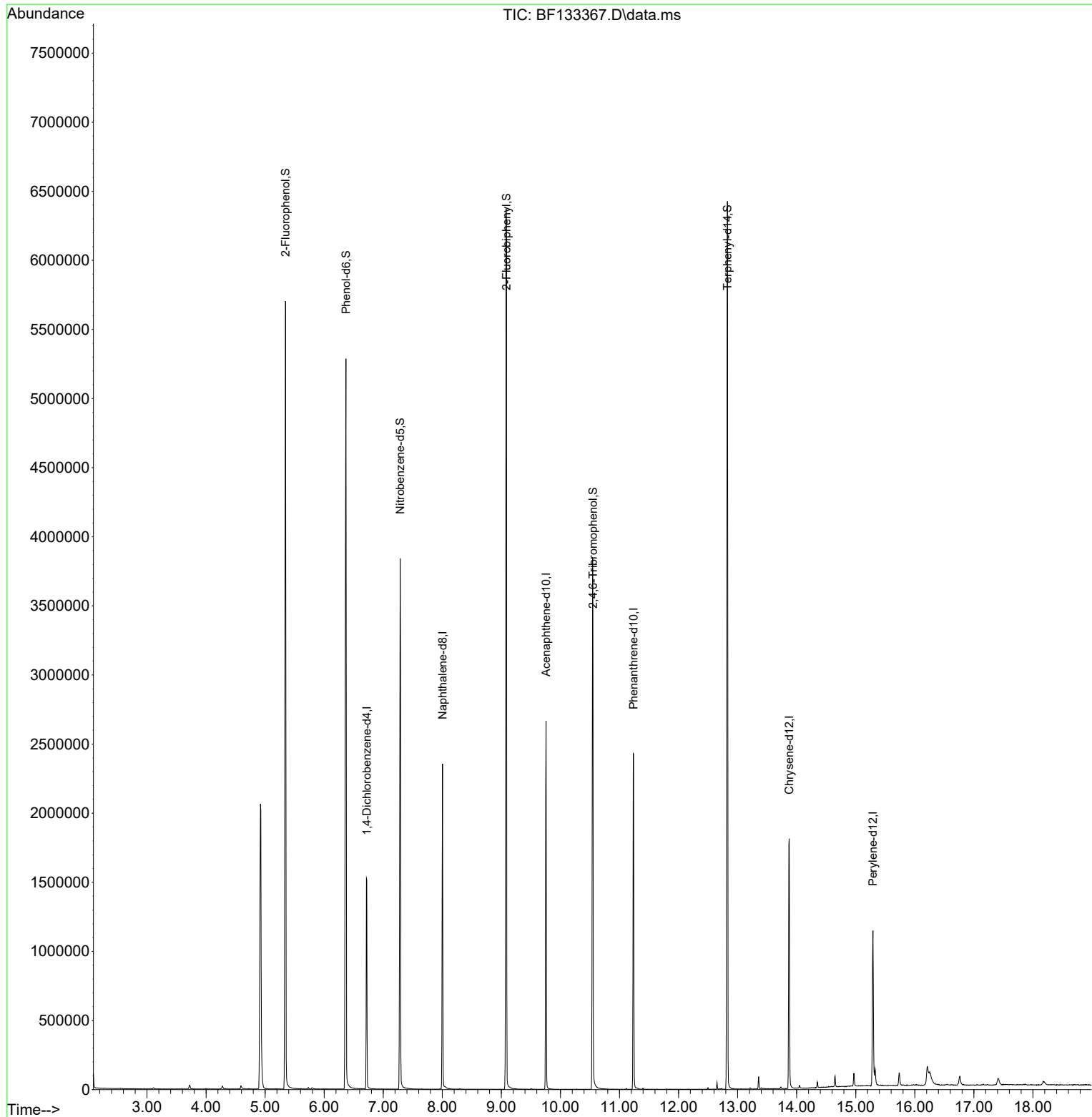
Target Compounds	Qvalue

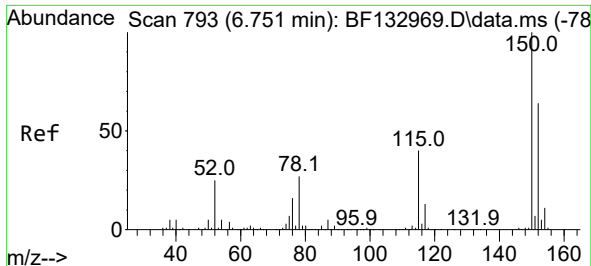
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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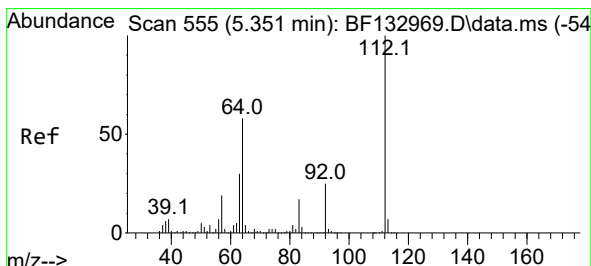
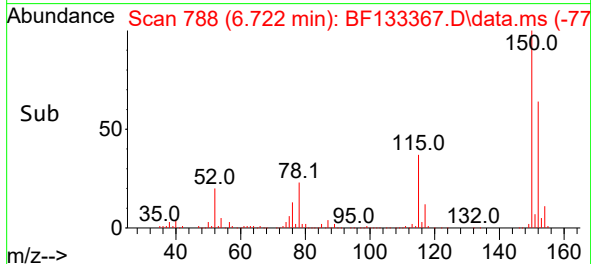
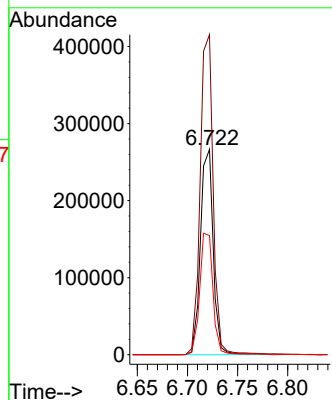
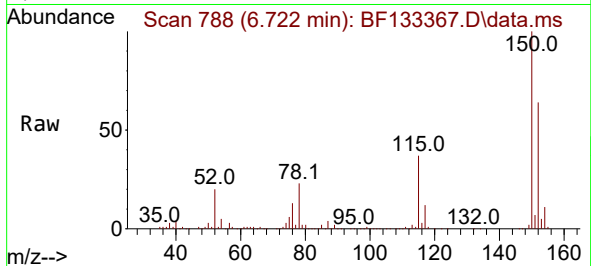




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 793
Delta R.T. -0.000 min
Lab File: BF133367.D
Acq: 12 May 2023 13:47

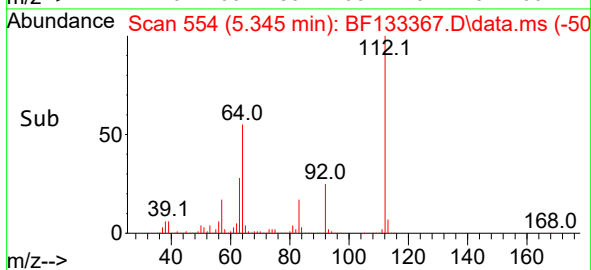
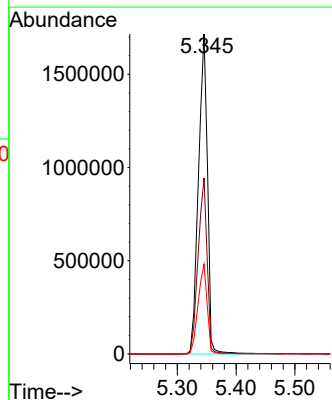
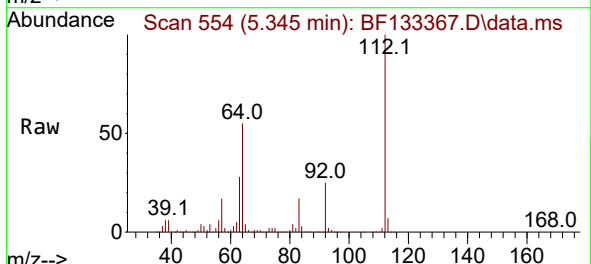
Instrument :
BNA_F
ClientSampleId :
PB152754BL

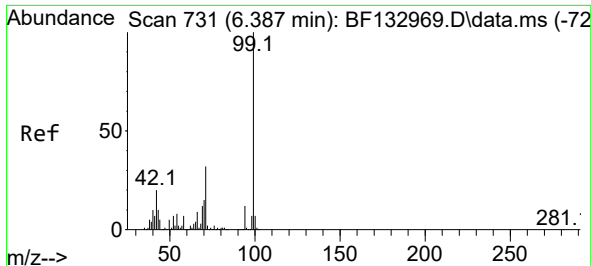
Tgt Ion:152 Resp: 237029
Ion Ratio Lower Upper
152 100
150 155.9 124.8 187.2
115 58.1 49.9 74.9



#5
2-Fluorophenol
Concen: 116.652 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.018 min
Lab File: BF133367.D
Acq: 12 May 2023 13:47

Tgt Ion:112 Resp: 1830382
Ion Ratio Lower Upper
112 100
64 55.0 46.8 70.2
63 28.1 23.8 35.8

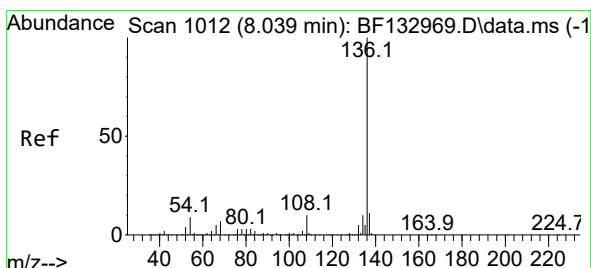
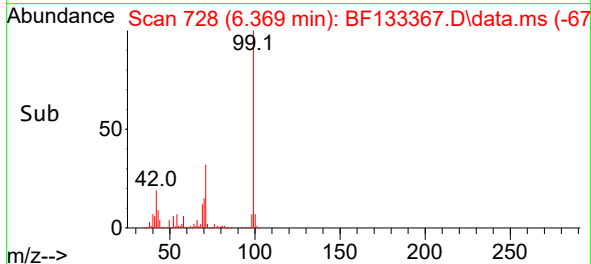
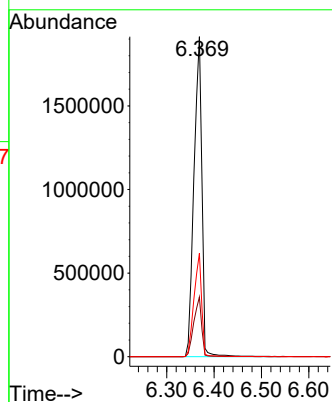
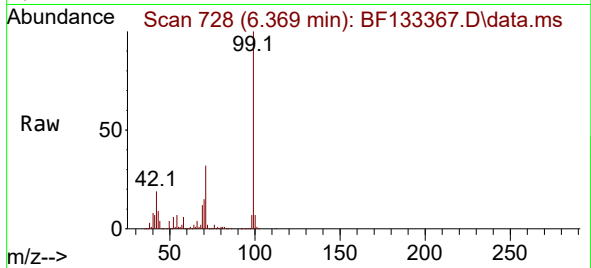




#7
Phenol-d6
Concen: 114.641 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133367.D
Acq: 12 May 2023 13:47

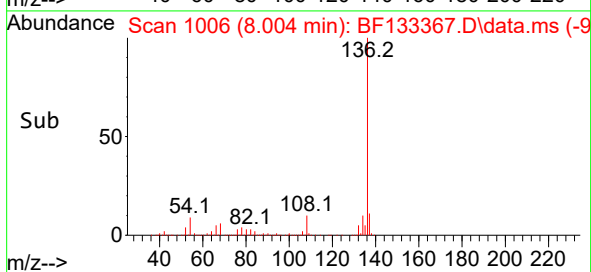
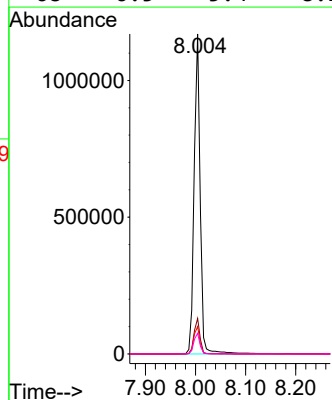
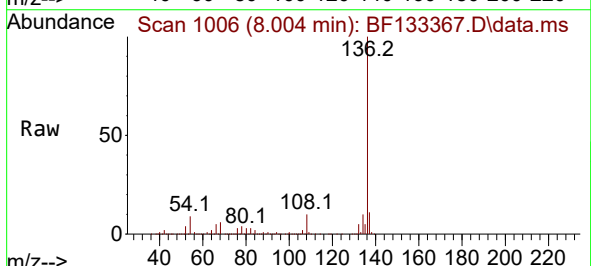
Instrument :
BNA_F
ClientSampleId :
PB152754BL

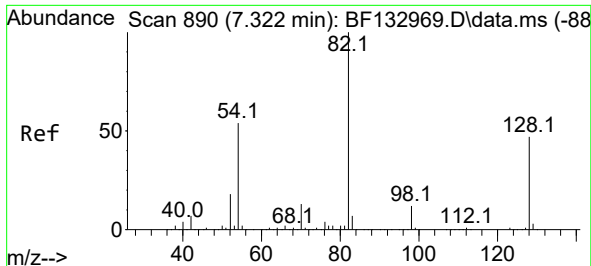
Tgt Ion: 99 Resp: 2232711
Ion Ratio Lower Upper
99 100
42 18.6 16.3 24.5
71 32.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133367.D
Acq: 12 May 2023 13:47

Tgt Ion: 136 Resp: 982867
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.6 7.0 10.4
68 6.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 75.489 ng

RT: 7.287 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133367.D

Acq: 12 May 2023 13:47

Instrument :

BNA_F

ClientSampleId :

PB152754BL

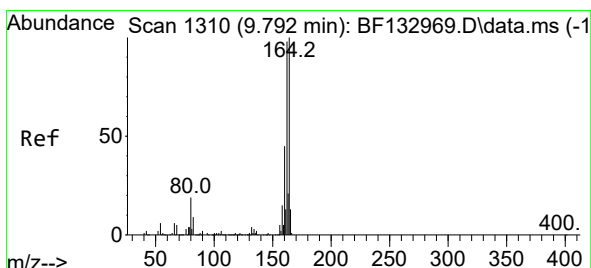
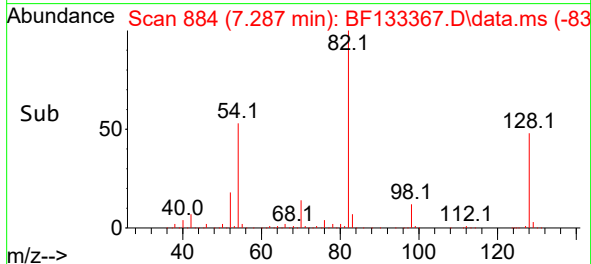
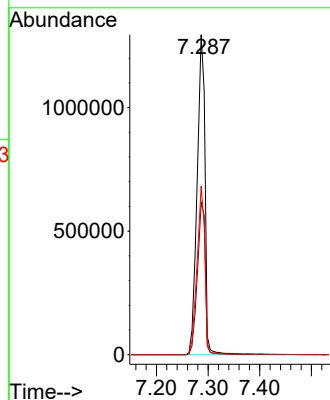
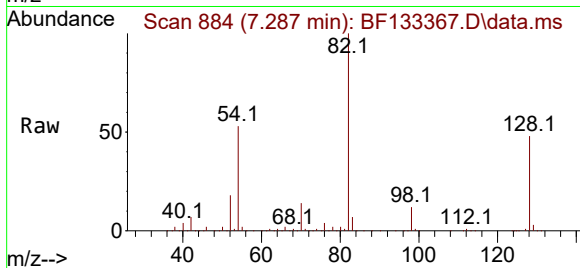
Tgt Ion: 82 Resp: 1374581

Ion Ratio Lower Upper

82 100

128 47.5 37.7 56.5

54 52.6 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: BF133367.D

Acq: 12 May 2023 13:47

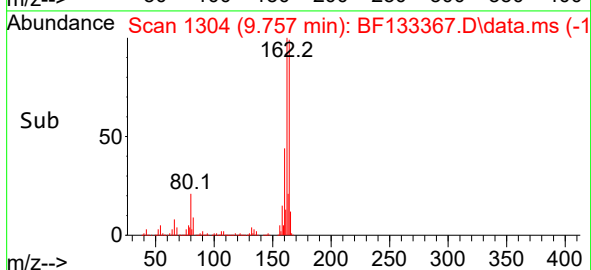
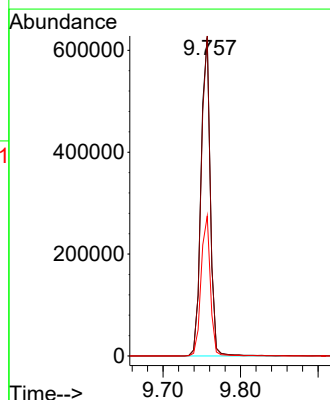
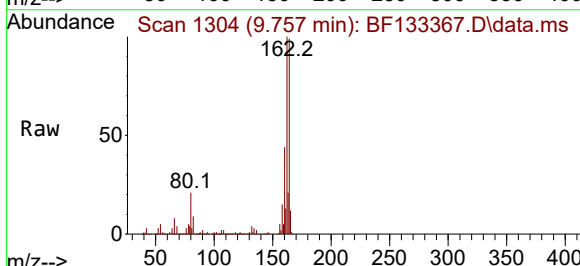
Tgt Ion:164 Resp: 516916

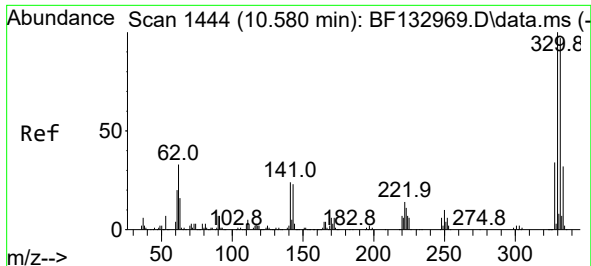
Ion Ratio Lower Upper

164 100

162 100.5 78.7 118.1

160 43.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 104.220 ng

RT: 10.551 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BF133367.D

Acq: 12 May 2023 13:47

Instrument :

BNA_F

ClientSampleId :

PB152754BL

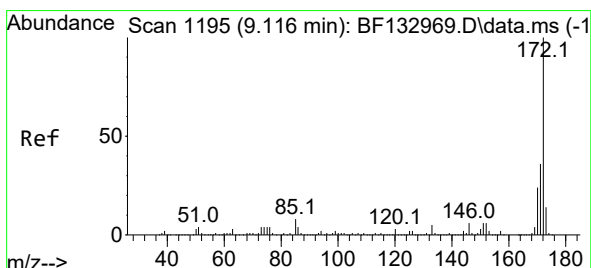
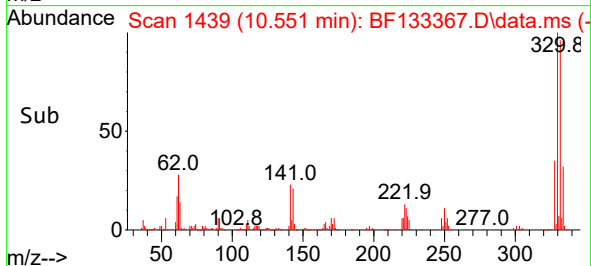
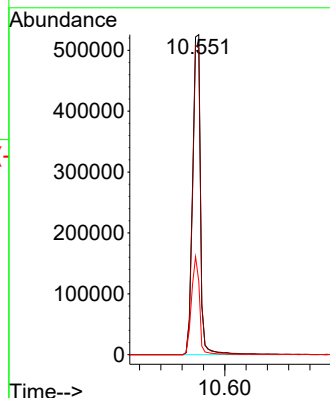
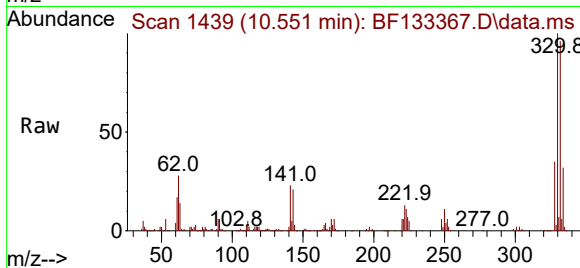
Tgt Ion:330 Resp: 541794

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 31.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 72.640 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF133367.D

Acq: 12 May 2023 13:47

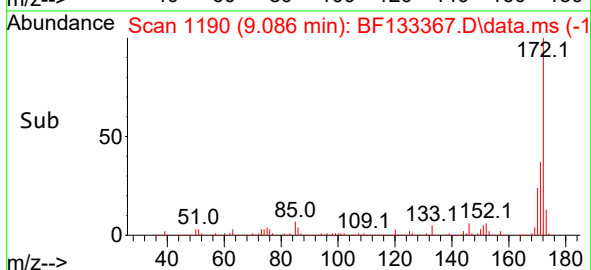
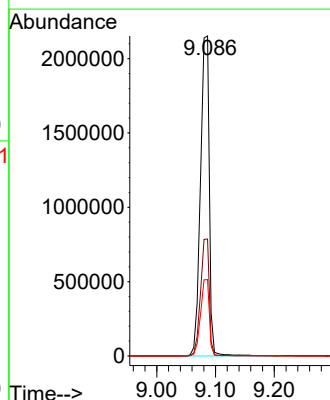
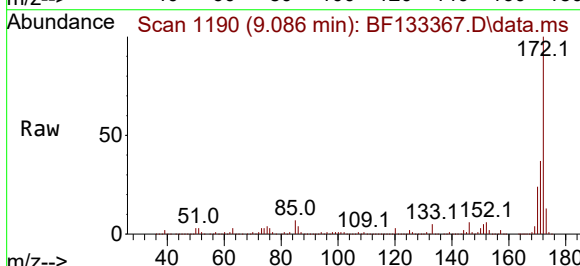
Tgt Ion:172 Resp: 2244410

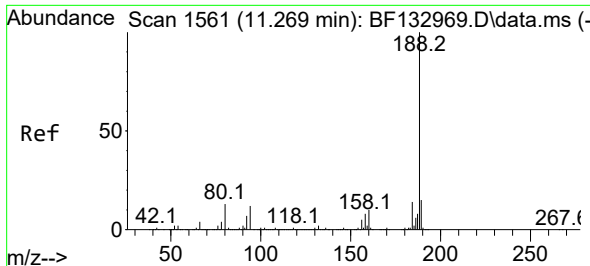
Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 23.9 19.4 29.2

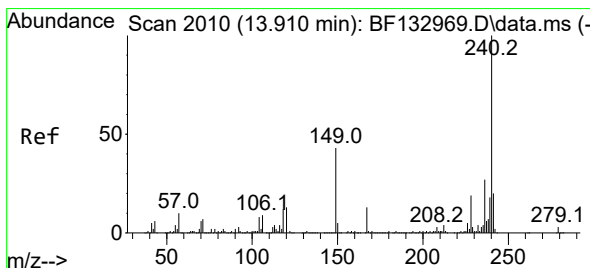
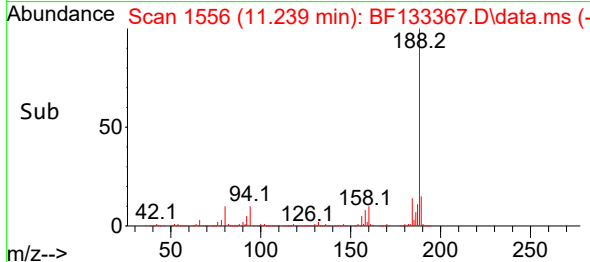
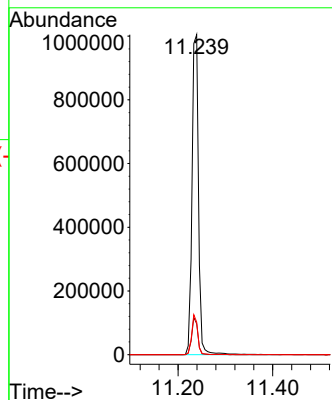
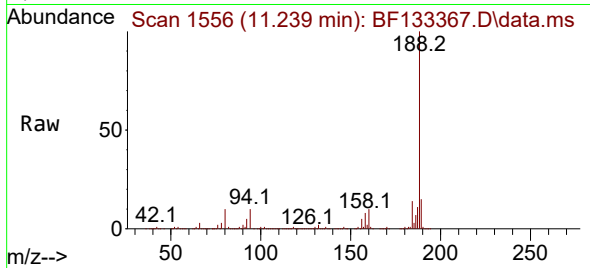




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133367.D
Acq: 12 May 2023 13:47

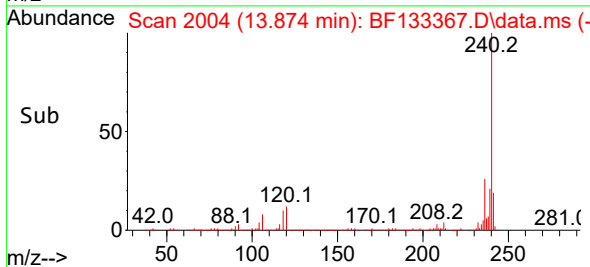
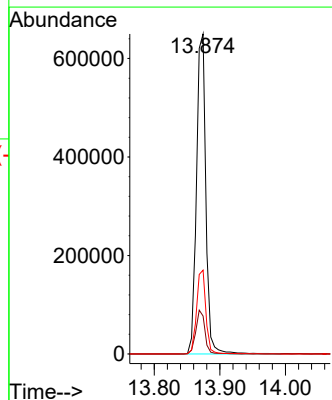
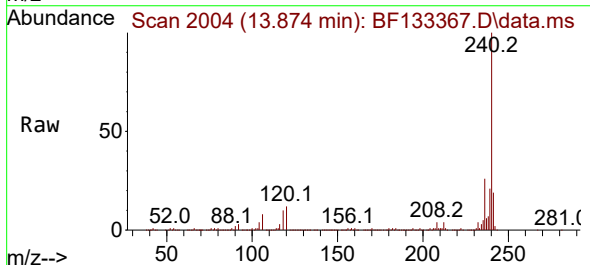
Instrument :
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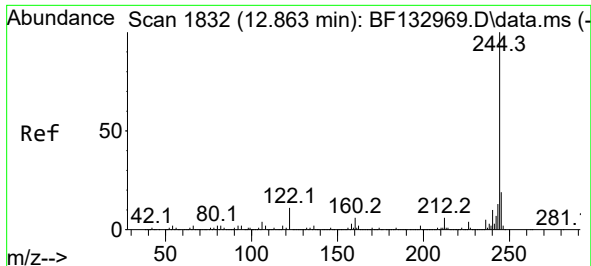
Tgt Ion:188 Resp: 953550
Ion Ratio Lower Upper
188 100
94 9.7 9.7 14.5#
80 10.2 10.4 15.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133367.D
Acq: 12 May 2023 13:47

Tgt Ion:240 Resp: 648348
Ion Ratio Lower Upper
240 100
120 11.9 10.5 15.7
236 26.2 21.5 32.3

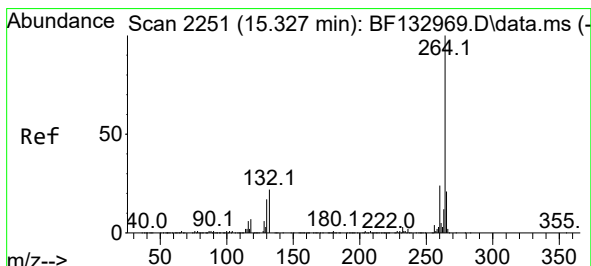
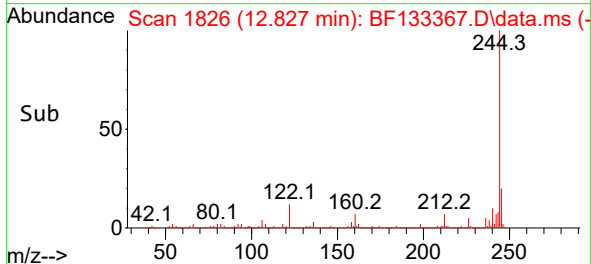
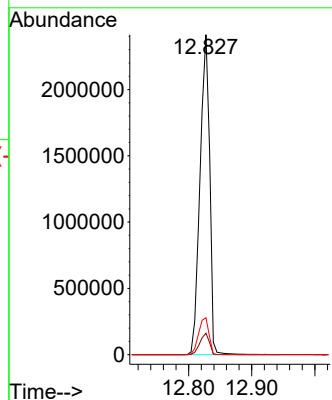
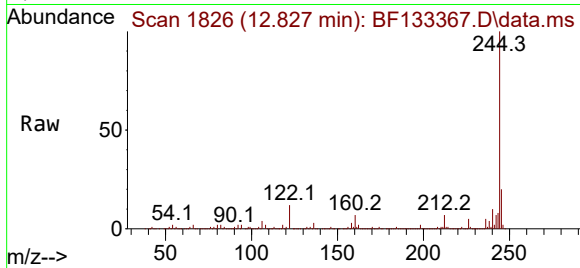




#79
 Terphenyl-d14
 Concen: 67.804 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. 0.000 min
 Lab File: BF133367.D
 Acq: 12 May 2023 13:47

Instrument :
 BNA_F
 ClientSampleId :
 PB152754BL

Tgt Ion:244 Resp: 2548948
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 11.6 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. 0.000 min
 Lab File: BF133367.D
 Acq: 12 May 2023 13:47

Tgt Ion:264 Resp: 505361
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 21.5 17.0 25.4

