

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
 Data File : BF133369.D
 Acq On : 12 May 2023 15:02
 Operator : CG\JU
 Sample : 02758-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

Quant Time: May 12 15:30:40 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)

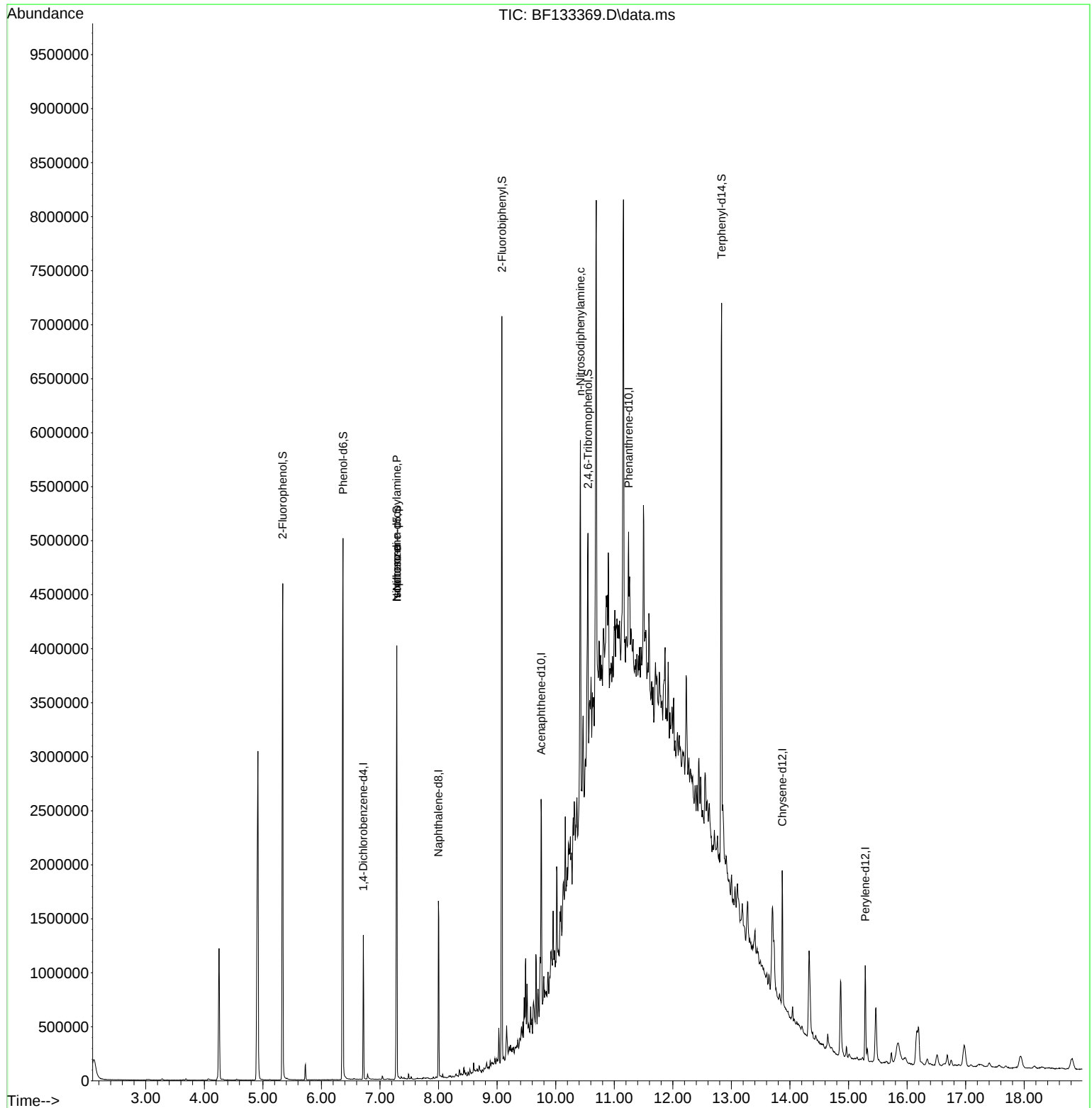
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	170554	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	692966	20.000	ng	-0.01
39) Acenaphthene-d10	9.751	164	354267	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	569292	20.000	ng	0.00
76) Chrysene-d12	13.868	240	417381	20.000	ng	-0.01
86) Perylene-d12	15.286	264	377054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1432593	126.886	ng	0.01
7) Phenol-d6	6.369	99	1960079	139.868	ng	0.00
23) Nitrobenzene-d5	7.286	82	1253560	97.643	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	449716	126.224	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	2294723	108.367	ng	0.00
79) Terphenyl-d14	12.833	244	2472053	102.148	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.263	77	444	Below Cal	#	35
19) n-Nitroso-di-n-propyla...	7.286	70	167517	19.201	ng	# 77
25) Isophorone	7.286	82	1253560	51.427	ng	# 63
66) n-Nitrosodiphenylamine	10.422	169	44661	2.419	ng	# 48

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

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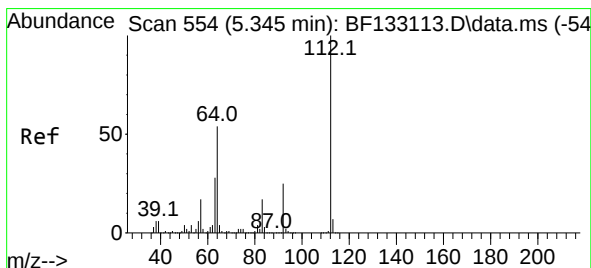
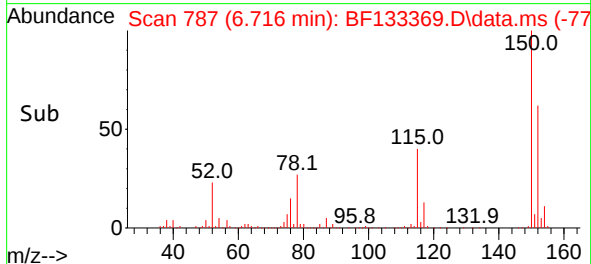
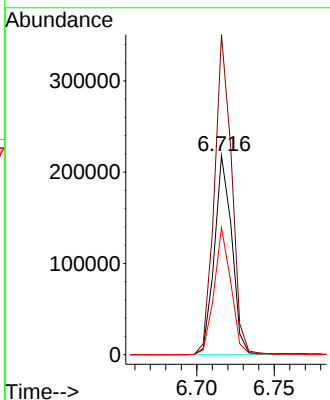
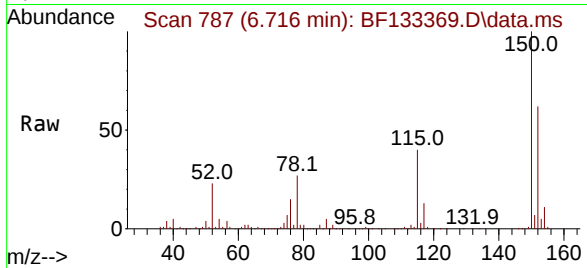




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133369.D
Acq: 12 May 2023 15:02

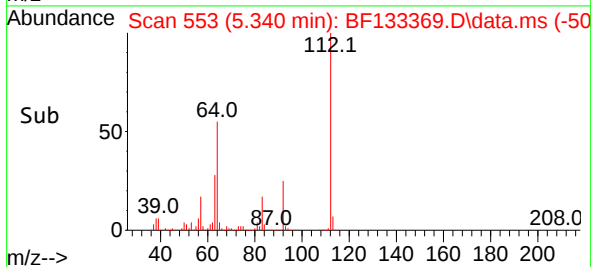
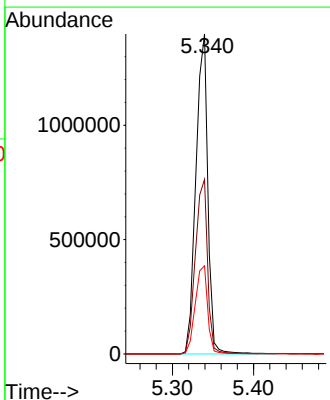
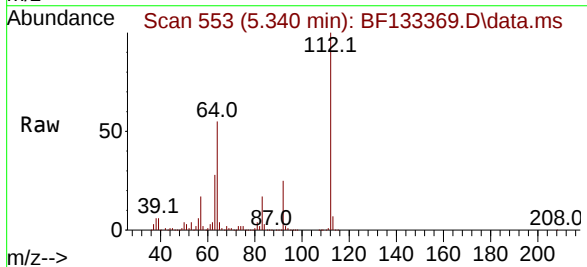
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

Tgt Ion:152 Resp: 170554
Ion Ratio Lower Upper
152 100
150 160.7 124.8 187.2
115 63.8 49.9 74.9



#5
2-Fluorophenol
Concen: 126.886 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF133369.D
Acq: 12 May 2023 15:02

Tgt Ion:112 Resp: 1432593
Ion Ratio Lower Upper
112 100
64 54.6 46.8 70.2
63 27.6 23.8 35.8

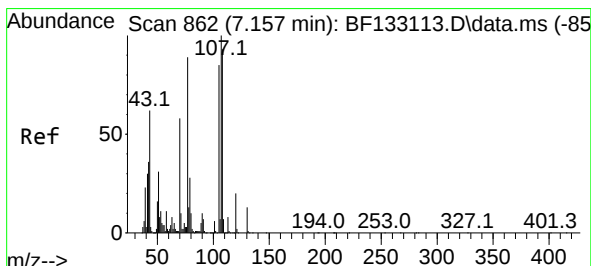
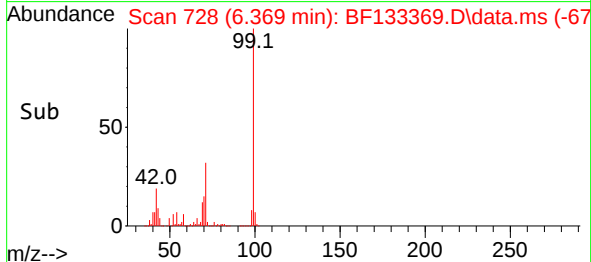
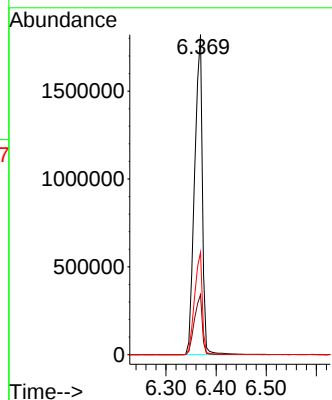
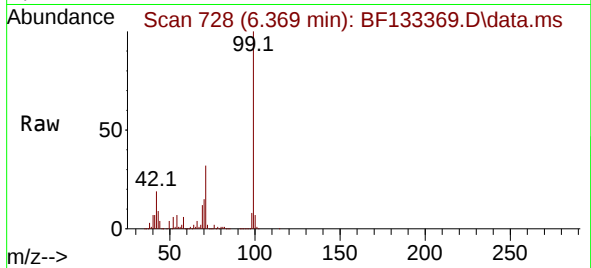




#7
Phenol-d6
Concen: 139.868 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133369.D
Acq: 12 May 2023 15:02

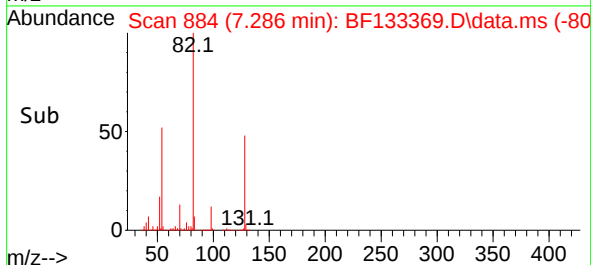
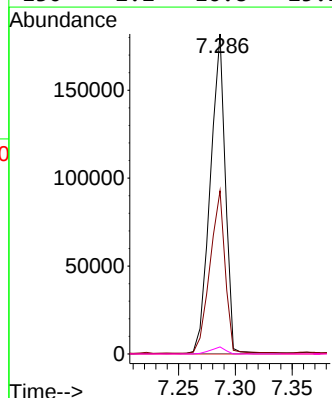
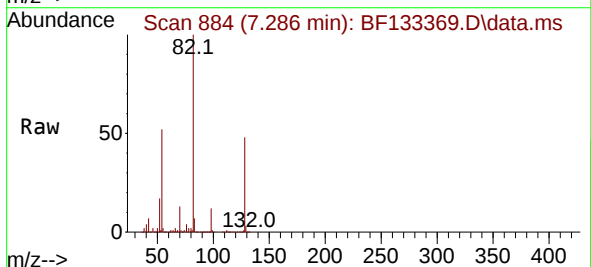
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

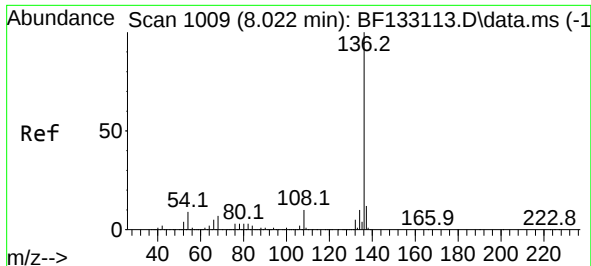
Tgt Ion: 99 Resp: 1960079
Ion Ratio Lower Upper
99 100
42 18.7 16.3 24.5
71 32.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.201 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133369.D
Acq: 12 May 2023 15:02

Tgt Ion: 70 Resp: 167517
Ion Ratio Lower Upper
70 100
42 51.0 51.8 77.6#
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#

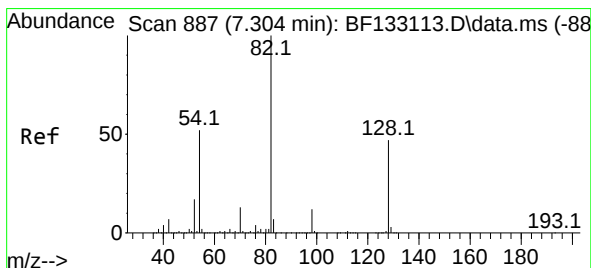
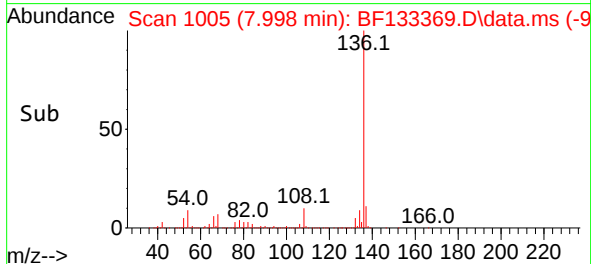
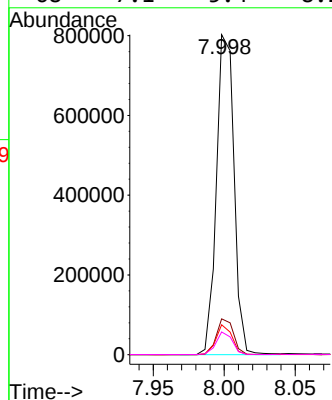
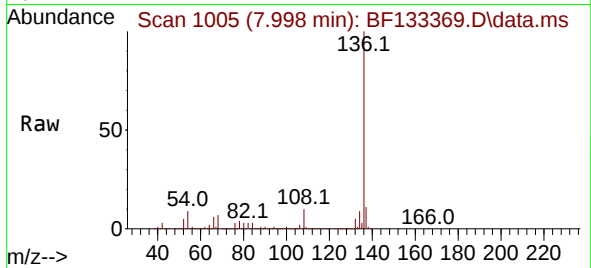




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF133369.D
Acq: 12 May 2023 15:02

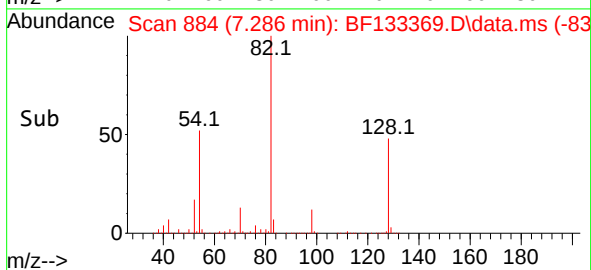
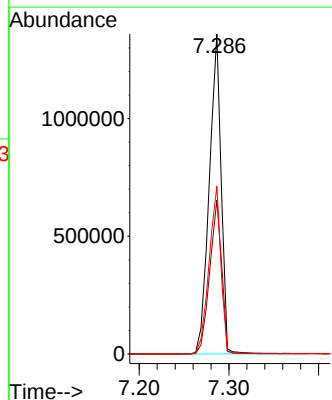
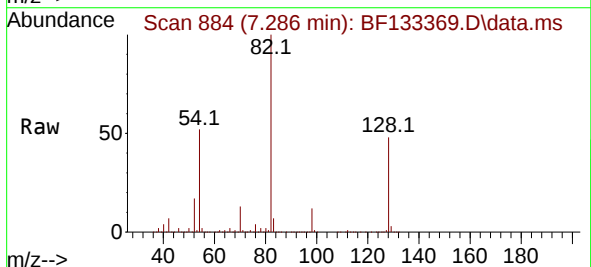
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

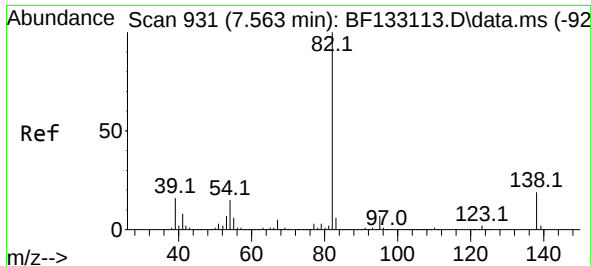
Tgt Ion:136	Resp: 692966
Ion Ratio	Lower Upper
136 100	
137 11.2	8.6 13.0
54 9.4	7.0 10.4
68 7.1	5.4 8.2



#23
Nitrobenzene-d5
Concen: 97.643 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF133369.D
Acq: 12 May 2023 15:02

Tgt Ion: 82		Resp: 1253560	
Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.7	56.5
54	52.4	43.0	64.4

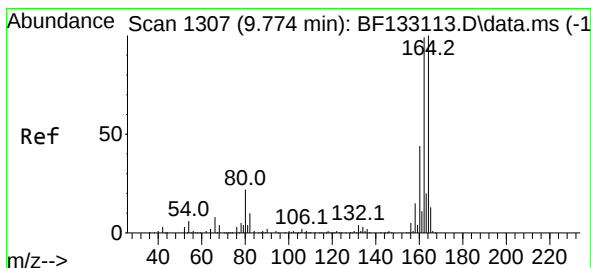
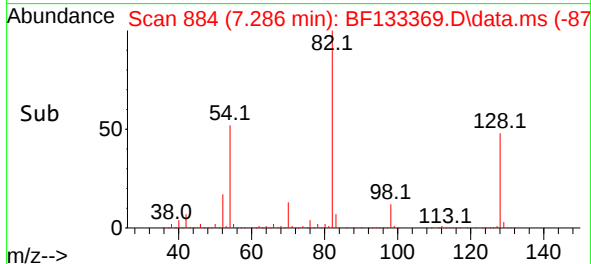
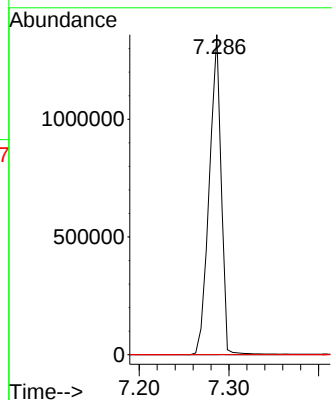
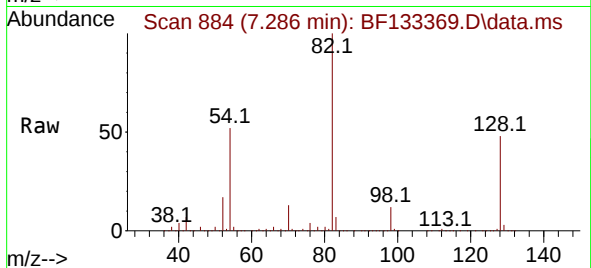




#25
Isophorone
Concen: 51.427 ng
RT: 7.286 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133369.D
Acq: 12 May 2023 15:02

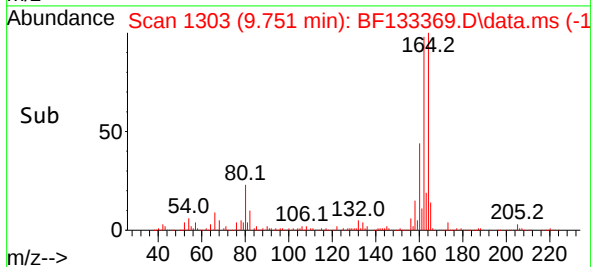
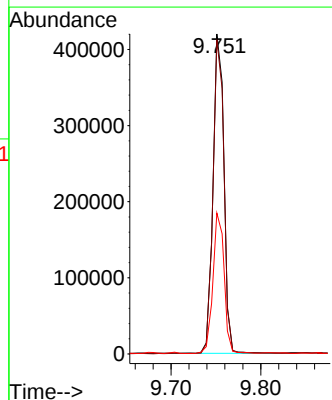
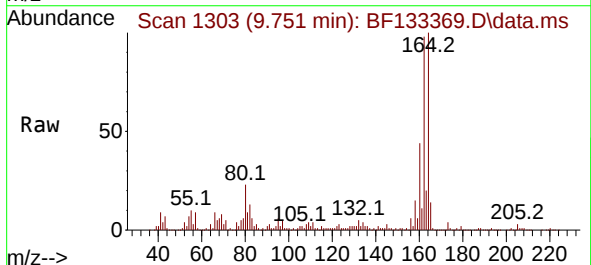
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

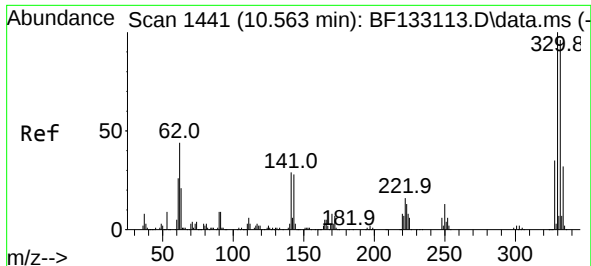
Tgt Ion: 82 Resp: 1253560
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF133369.D
Acq: 12 May 2023 15:02

Tgt Ion:164 Resp: 354267
Ion Ratio Lower Upper
164 100
162 98.2 78.7 118.1
160 44.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 126.224 ng

RT: 10.551 min Scan# 1441

Delta R.T. 0.000 min

Lab File: BF133369.D

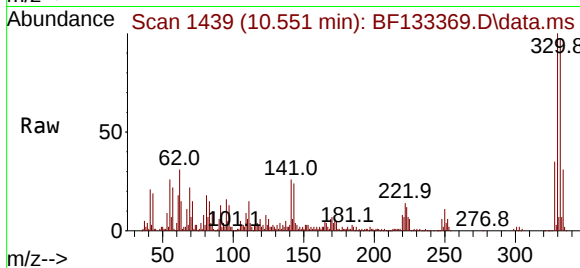
Acq: 12 May 2023 15:02

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1



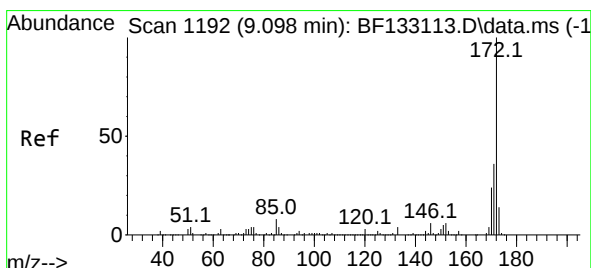
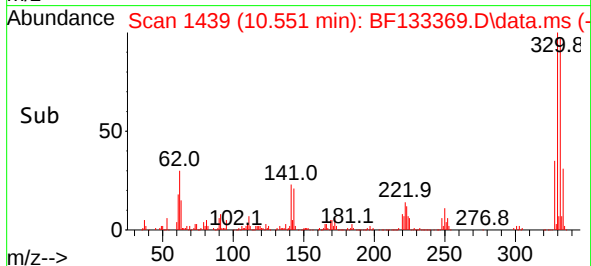
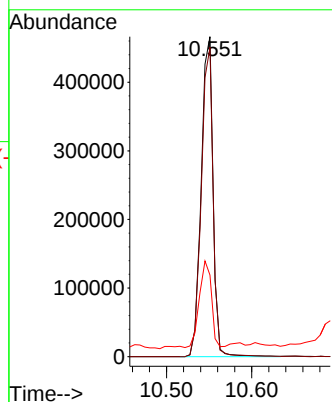
Tgt Ion:330 Resp: 449716

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 27.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 108.367 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF133369.D

Acq: 12 May 2023 15:02

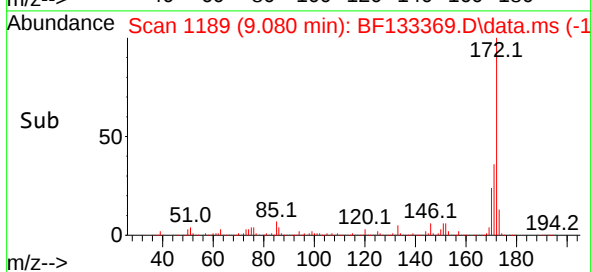
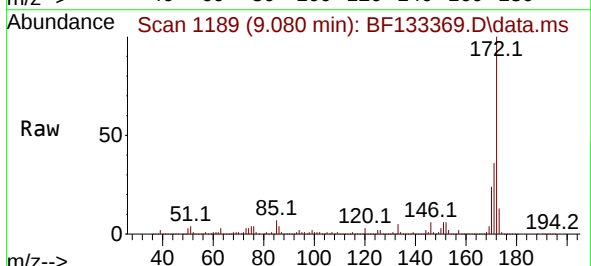
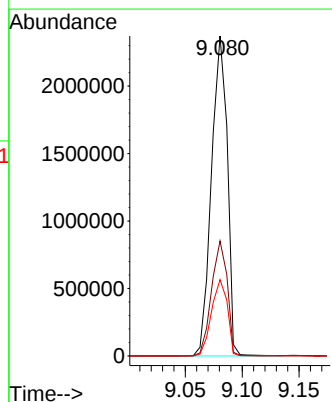
Tgt Ion:172 Resp: 2294723

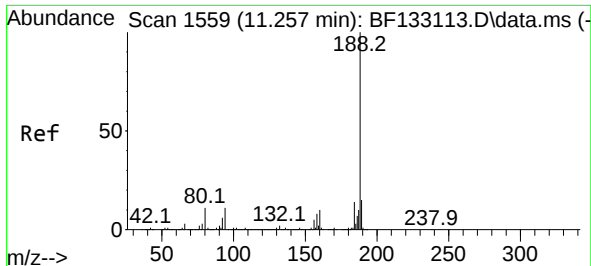
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.9 19.4 29.2

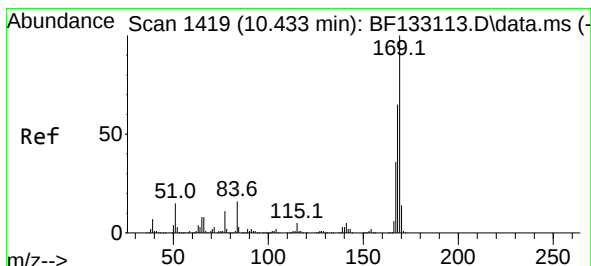
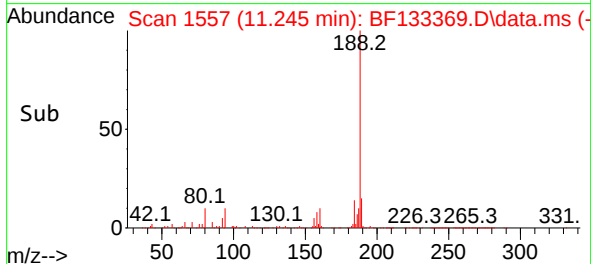
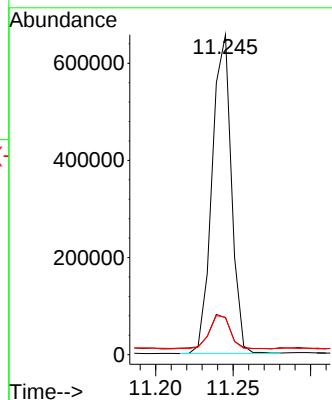
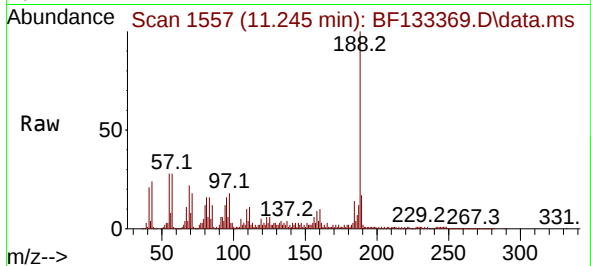




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133369.D
Acq: 12 May 2023 15:02

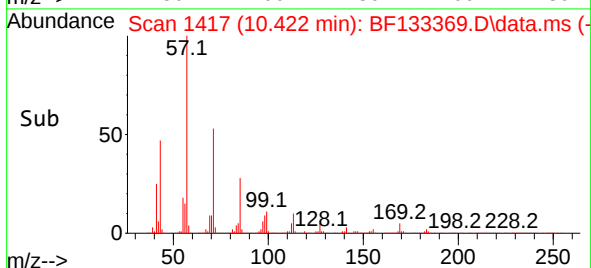
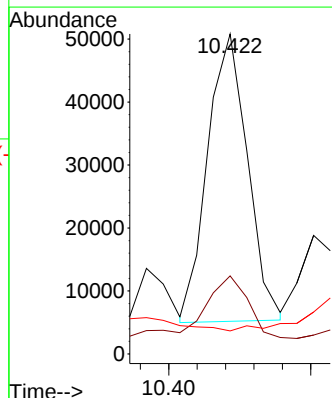
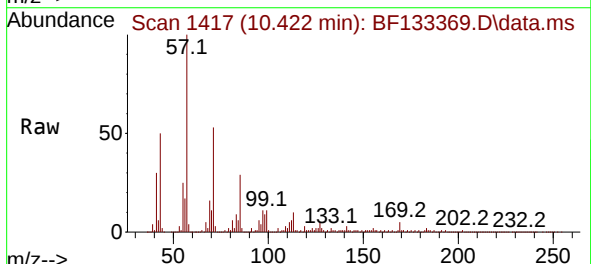
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

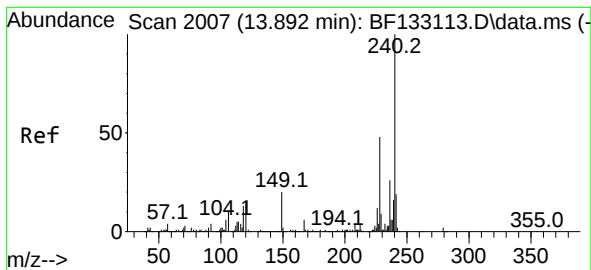
Tgt Ion:188 Resp: 569292
Ion Ratio Lower Upper
188 100
94 11.6 9.7 14.5
80 11.7 10.4 15.6



#66
n-Nitrosodiphenylamine
Concen: 2.419 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133369.D
Acq: 12 May 2023 15:02

Tgt Ion:169 Resp: 44661
Ion Ratio Lower Upper
169 100
168 24.4 53.8 80.8#
167 7.2 29.7 44.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.868 min Scan# 2007

Delta R.T. -0.012 min

Lab File: BF133369.D

Acq: 12 May 2023 15:02

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

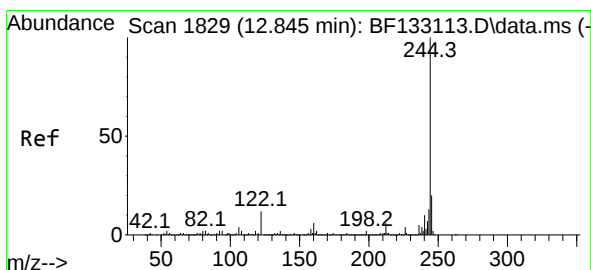
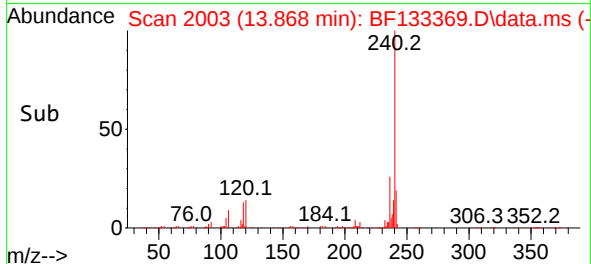
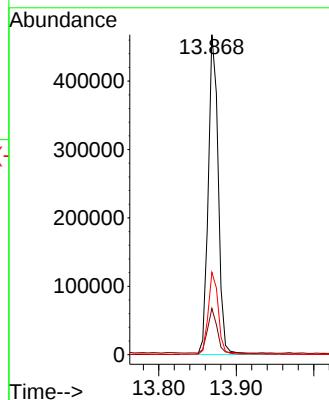
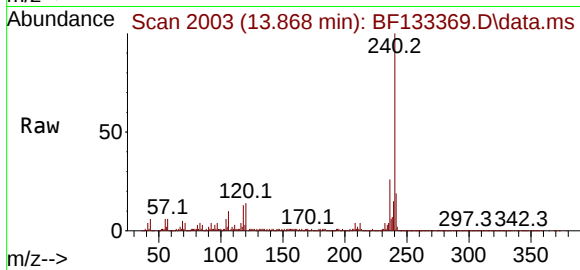
Tgt Ion:240 Resp: 417381

Ion Ratio Lower Upper

240 100

120 14.4 10.5 15.7

236 25.8 21.5 32.3



#79

Terphenyl-d14

Concen: 102.148 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF133369.D

Acq: 12 May 2023 15:02

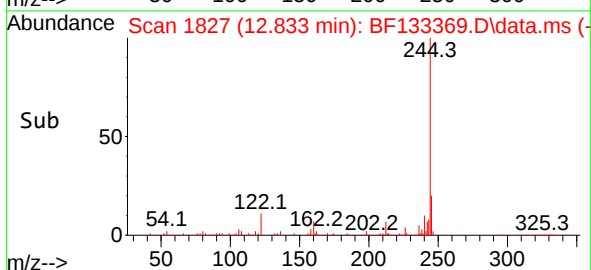
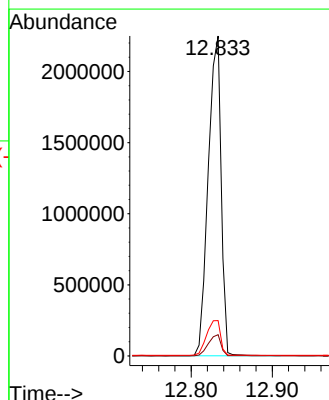
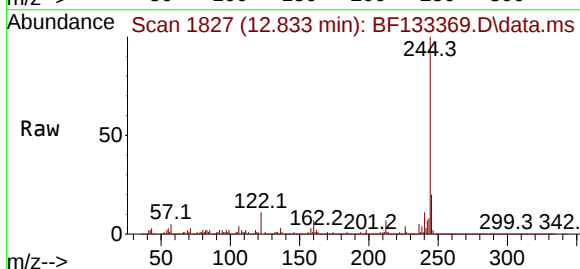
Tgt Ion:244 Resp: 2472053

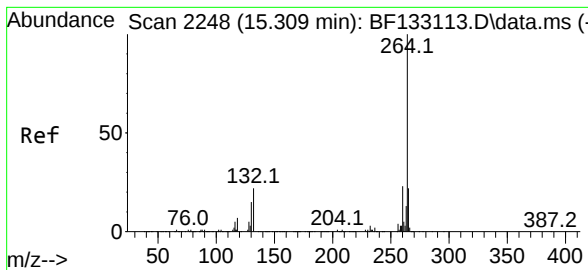
Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

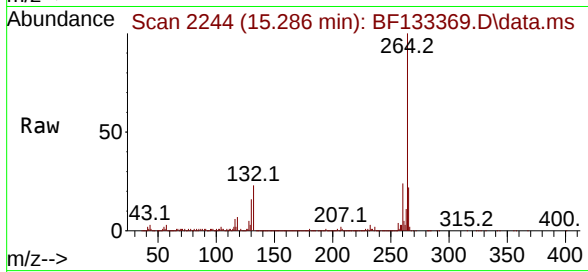
122 11.1 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.286 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF133369.D
 Acq: 12 May 2023 15:02

Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1



Tgt Ion:264 Resp: 377054
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.5 17.0 25.4

