

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
 Data File : BF133823.D
 Acq On : 17 Jun 2023 00:13
 Operator : CG\JU
 Sample : 03260-01DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1DL

Quant Time: Jun 17 01:03:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 14:54:03 2023
 Response via : Initial Calibration

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

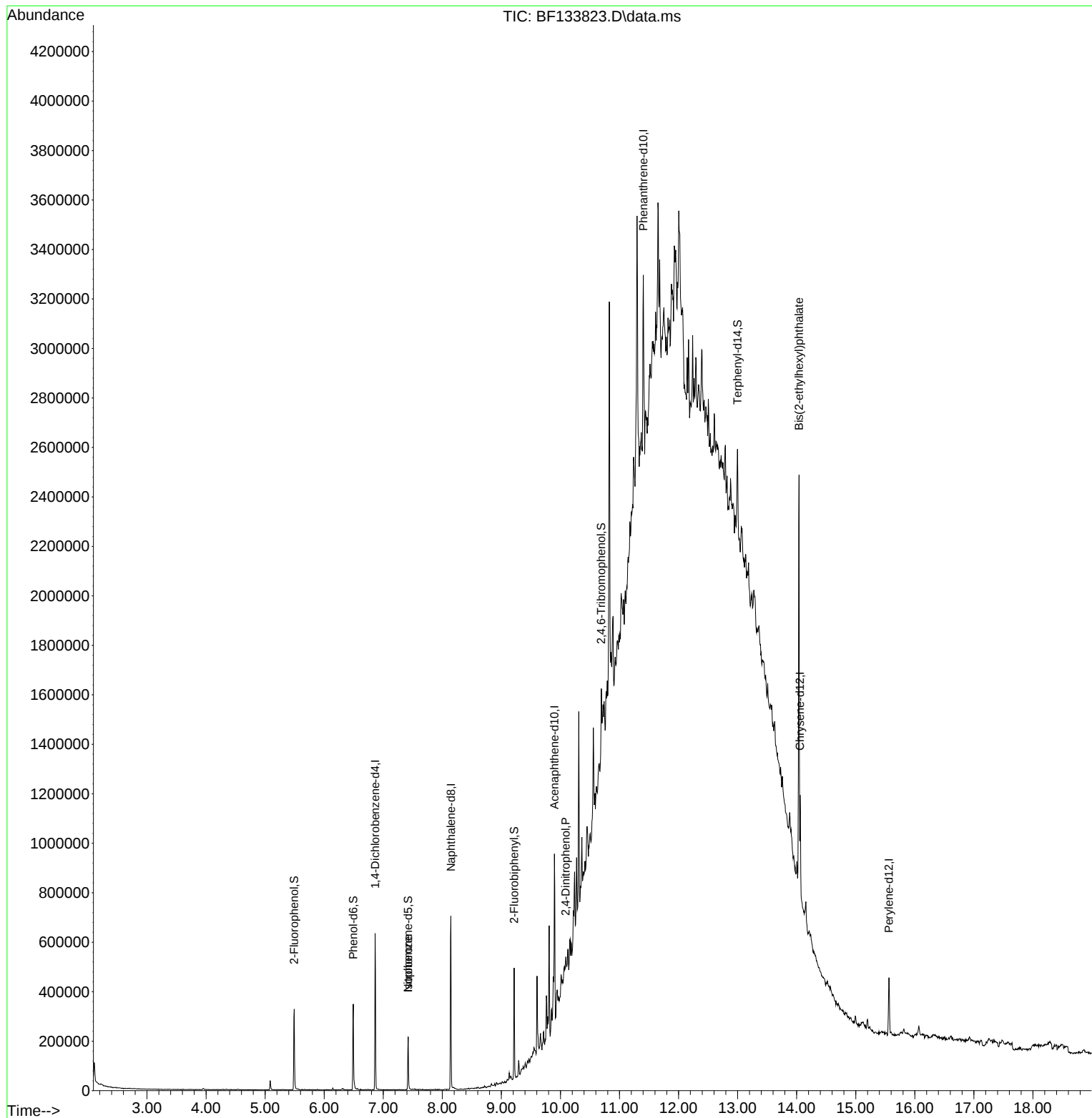
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	86346	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	297715	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	118668	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	206907	20.000	ng	# 0.01
76) Chrysene-d12	14.057	240	128945	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	112537	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	89473	18.039	ng	0.00
7) Phenol-d6	6.492	99	104107	16.125	ng	0.00
23) Nitrobenzene-d5	7.422	82	61503	11.252	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	24049	16.010	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	121610	14.568	ng	0.00
79) Terphenyl-d14	12.998	244	100720	12.086	ng	0.00
Target Compounds						
25) Isophorone	7.422	82	61513	6.130	ng	# 65
54) 2,4-Dinitrophenol	10.086	184	55	5.774	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.039	149	468074	74.966	ng	99

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

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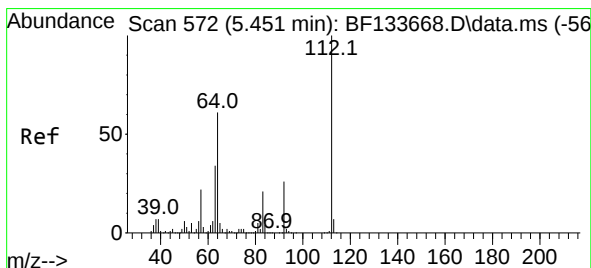
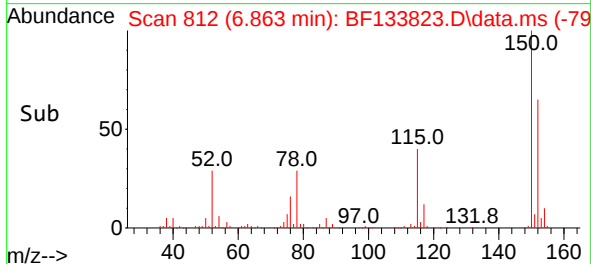
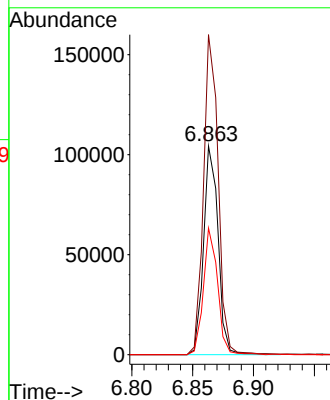
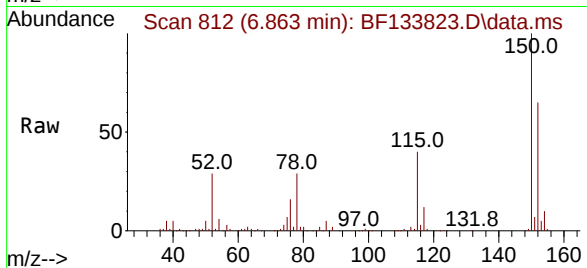




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133823.D
Acq: 17 Jun 2023 00:13

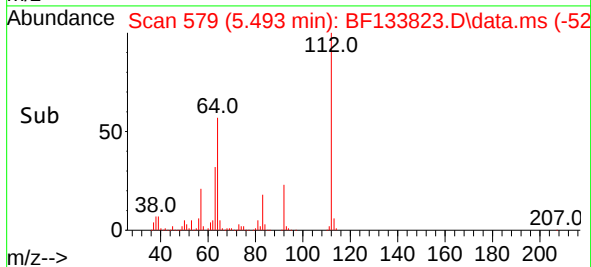
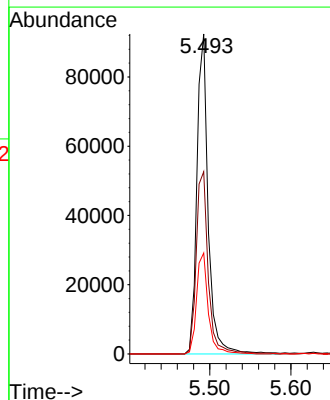
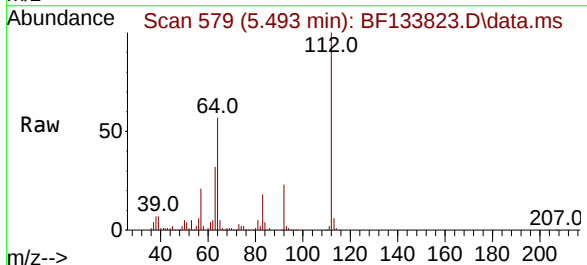
Instrument :
BNA_F
ClientSampleId :
WC-1DL

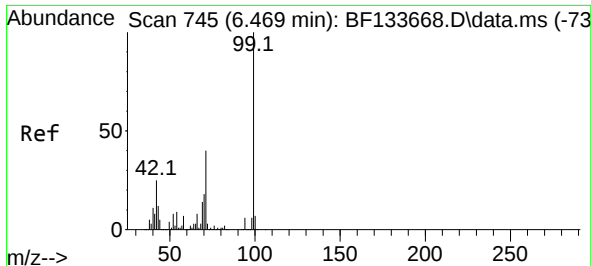
Tgt Ion:152 Resp: 86346
Ion Ratio Lower Upper
152 100
150 153.4 124.3 186.5
115 60.6 48.5 72.7



#5
2-Fluorophenol
Concen: 18.039 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF133823.D
Acq: 17 Jun 2023 00:13

Tgt Ion:112 Resp: 89473
Ion Ratio Lower Upper
112 100
64 57.0 49.0 73.4
63 31.5 26.8 40.2

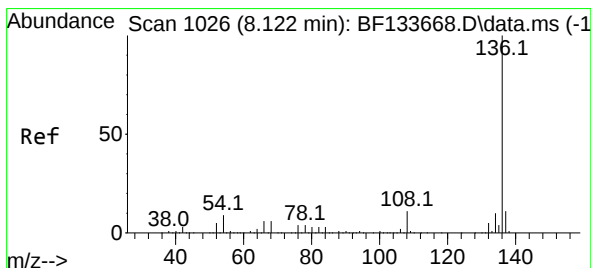
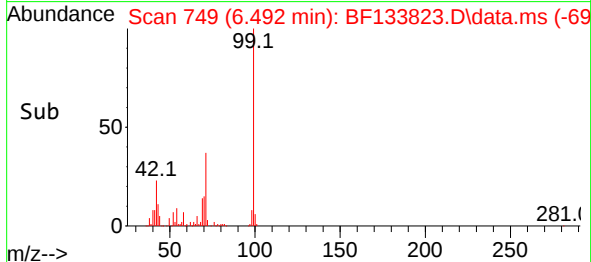
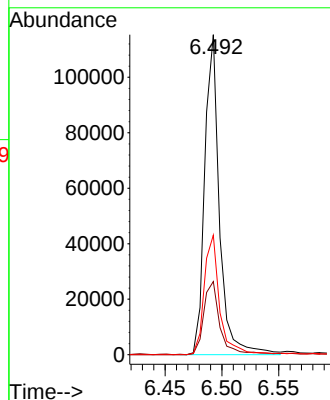
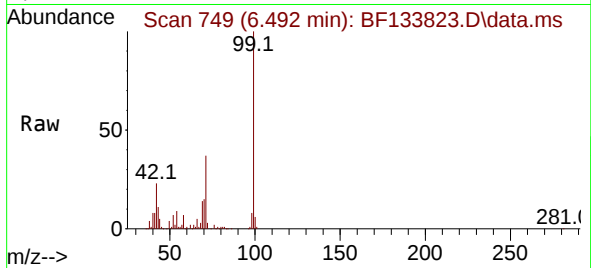




#7
Phenol-d6
Concen: 16.125 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133823.D
Acq: 17 Jun 2023 00:13

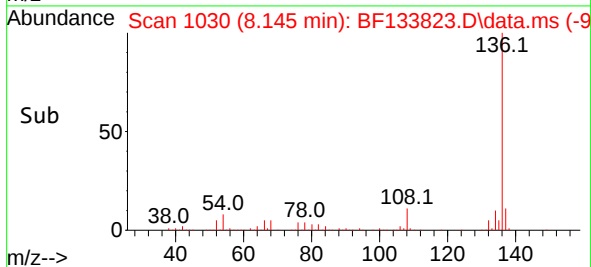
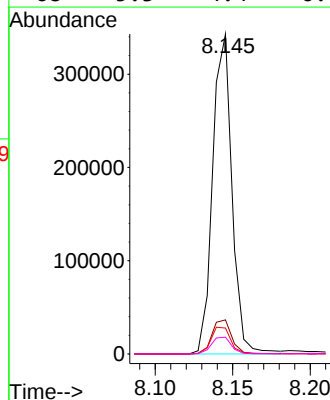
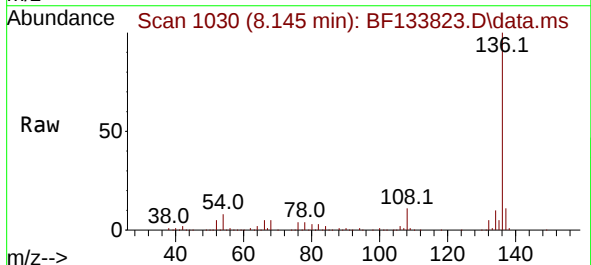
Instrument :
BNA_F
ClientSampleId :
WC-1DL

Tgt Ion: 99 Resp: 104107
Ion Ratio Lower Upper
99 100
42 22.8 19.9 29.9
71 37.4 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF133823.D
Acq: 17 Jun 2023 00:13

Tgt Ion: 136 Resp: 297715
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.1 7.4 11.0
68 5.3 4.4 6.6

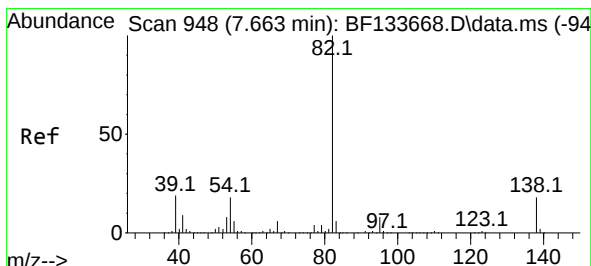
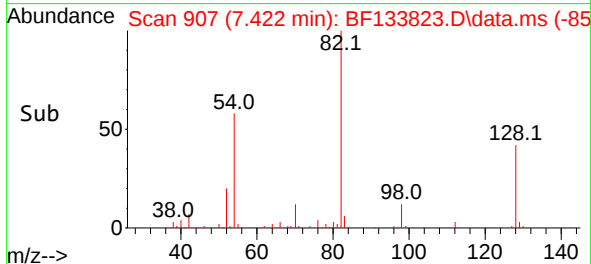
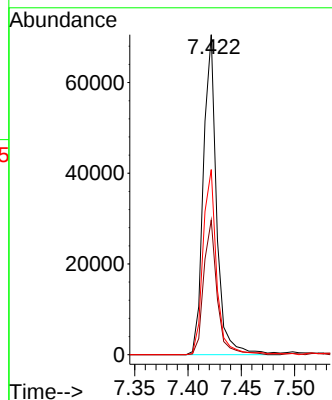
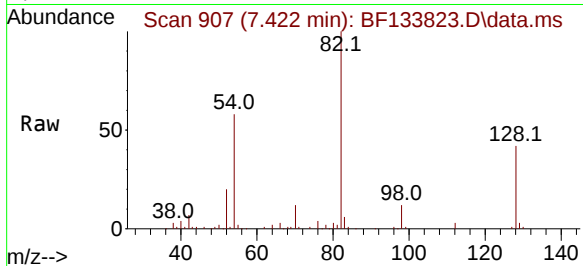




#23
Nitrobenzene-d5
Concen: 11.252 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF133823.D
Acq: 17 Jun 2023 00:13

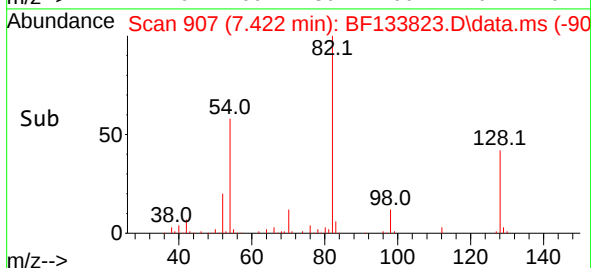
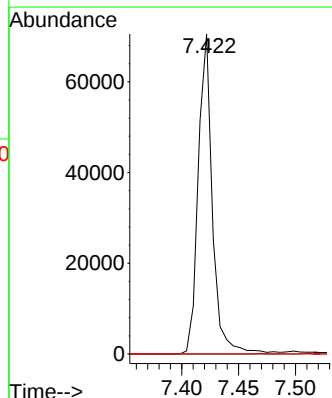
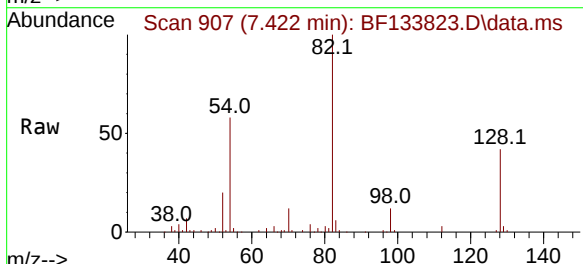
Instrument :
BNA_F
ClientSampleId :
WC-1DL

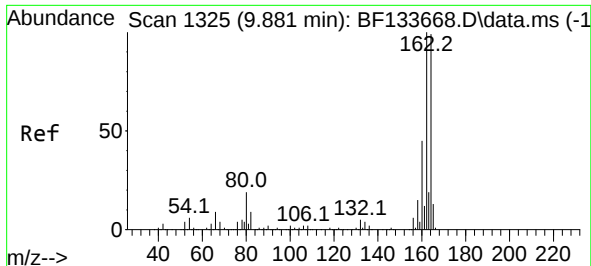
Tgt Ion: 82 Resp: 61503
Ion Ratio Lower Upper
82 100
128 42.1 34.2 51.2
54 57.9 46.5 69.7



#25
Isophorone
Concen: 6.130 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.259 min
Lab File: BF133823.D
Acq: 17 Jun 2023 00:13

Tgt Ion: 82 Resp: 61513
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#

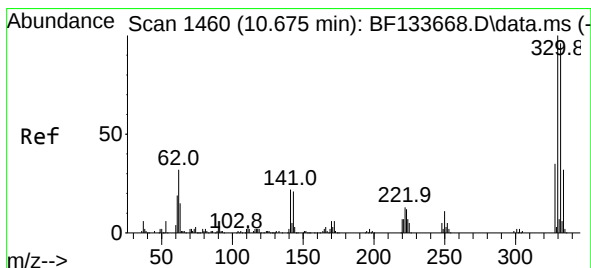
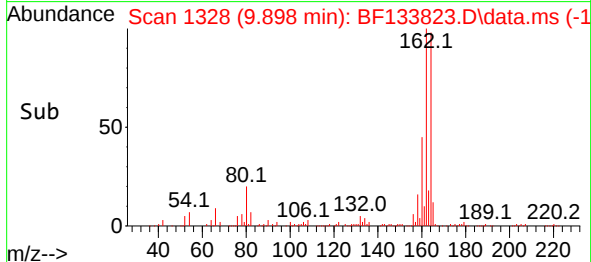
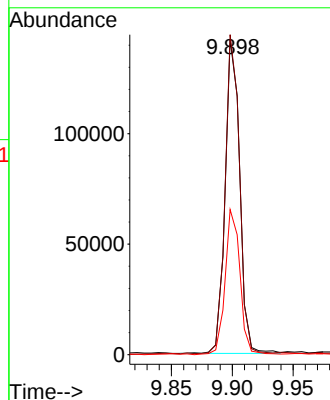
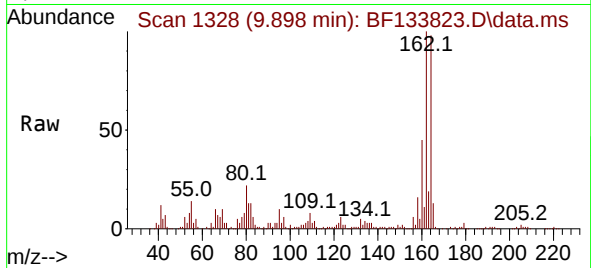




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133823.D
Acq: 17 Jun 2023 00:13

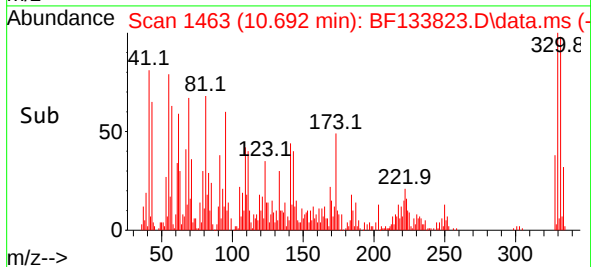
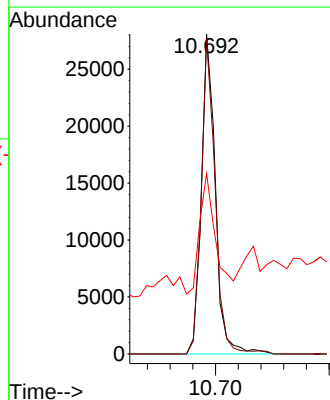
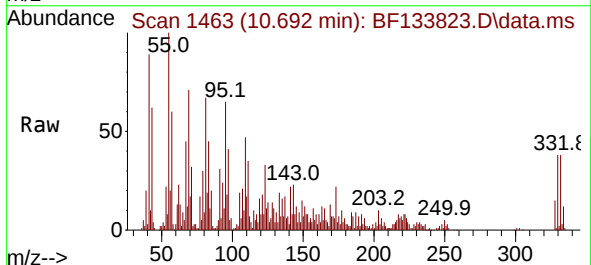
Instrument :
BNA_F
ClientSampleId :
WC-1DL

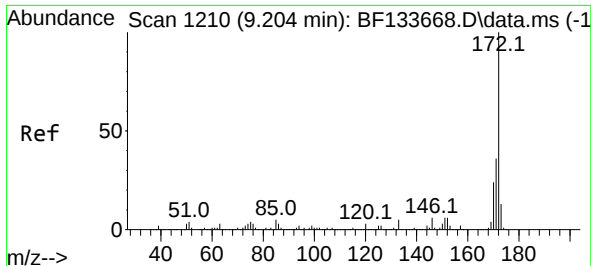
Tgt Ion:164 Resp: 118668
Ion Ratio Lower Upper
164 100
162 101.6 80.8 121.2
160 46.0 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 16.010 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF133823.D
Acq: 17 Jun 2023 00:13

Tgt Ion:330 Resp: 24049
Ion Ratio Lower Upper
330 100
332 96.7 77.2 115.8
141 42.6 24.9 37.3#





#45

2-Fluorobiphenyl

Concen: 14.568 ng

RT: 9.216 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF133823.D

Acq: 17 Jun 2023 00:13

Instrument :

BNA_F

ClientSampleId :

WC-1DL

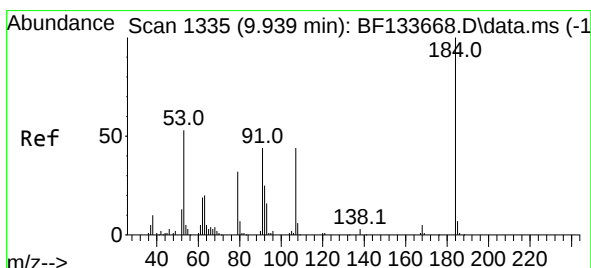
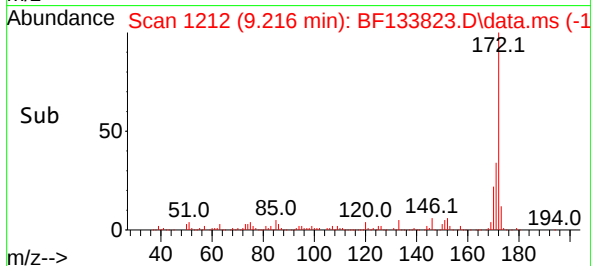
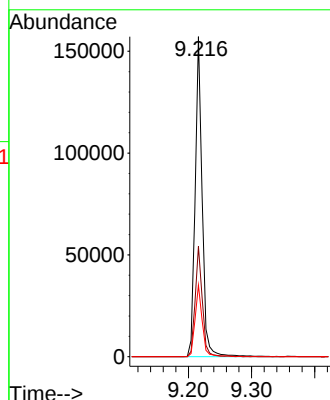
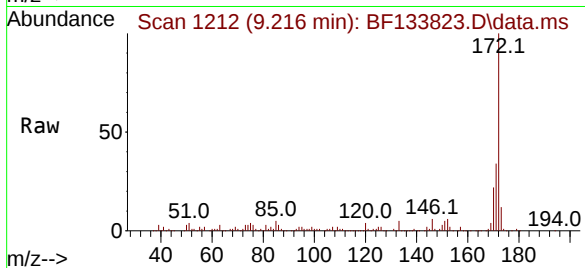
Tgt Ion:172 Resp: 121610

Ion Ratio Lower Upper

172 100

171 34.4 28.6 43.0

170 22.4 19.1 28.7



#54

2,4-Dinitrophenol

Concen: 5.774 ng

RT: 10.086 min Scan# 1360

Delta R.T. 0.124 min

Lab File: BF133823.D

Acq: 17 Jun 2023 00:13

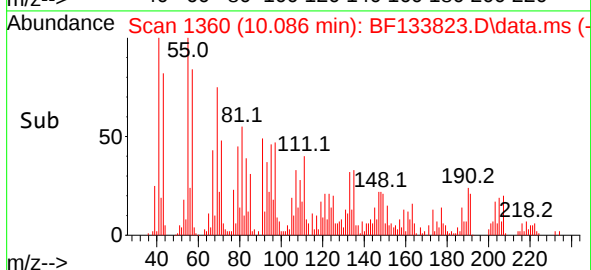
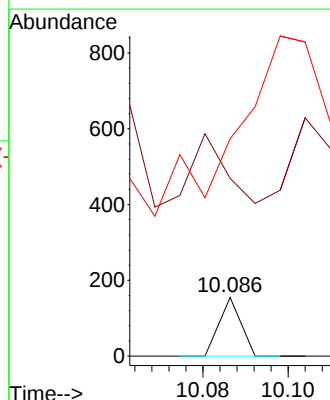
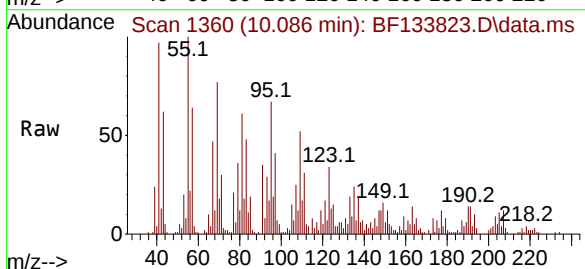
Tgt Ion:184 Resp: 55

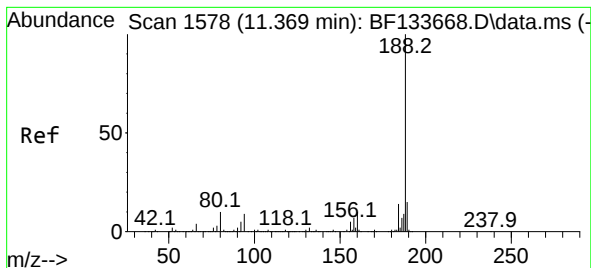
Ion Ratio Lower Upper

184 100

63 302.6 55.3 82.9#

154 370.3 51.9 77.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF133823.D

Acq: 17 Jun 2023 00:13

Instrument :

BNA_F

ClientSampleId :

WC-1DL

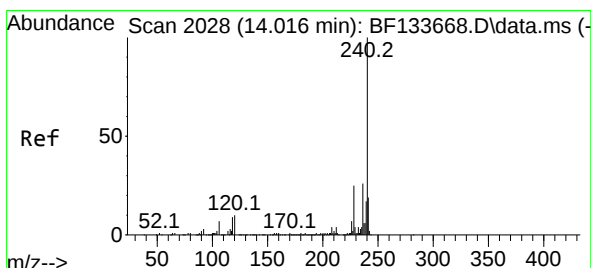
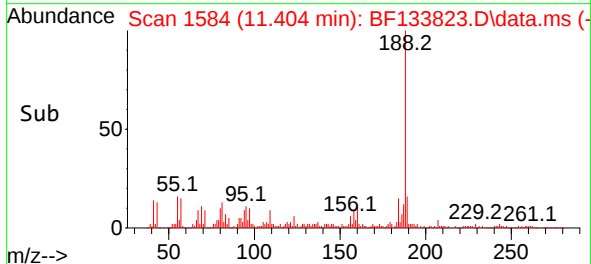
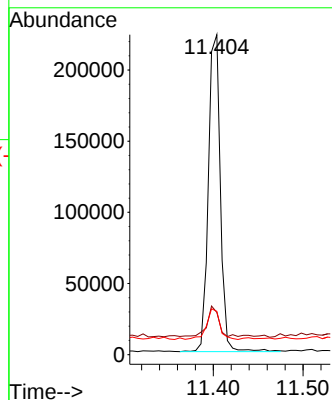
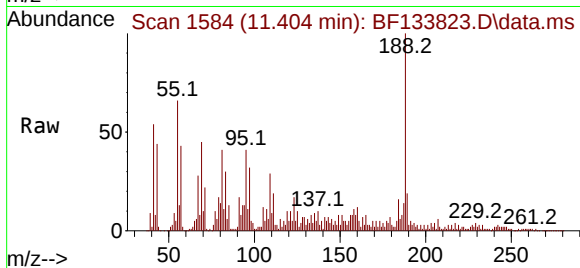
Tgt Ion:188 Resp: 206907

Ion Ratio Lower Upper

188 100

94 13.2 6.8 10.2#

80 13.6 7.8 11.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF133823.D

Acq: 17 Jun 2023 00:13

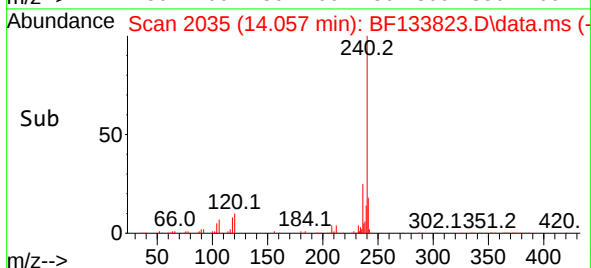
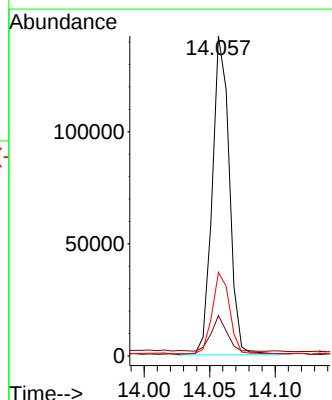
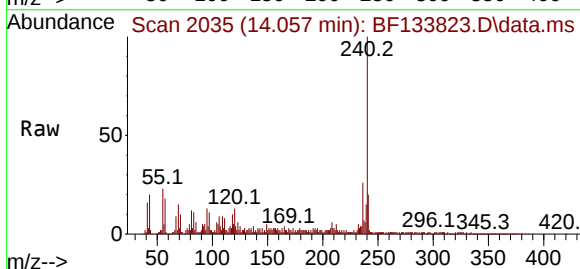
Tgt Ion:240 Resp: 128945

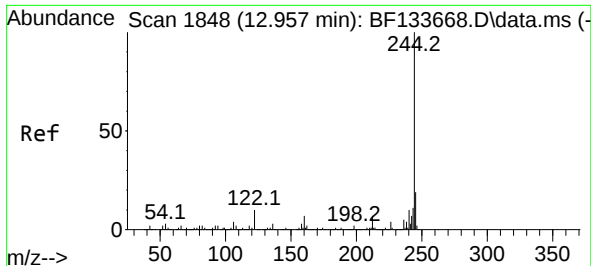
Ion Ratio Lower Upper

240 100

120 12.6 8.1 12.1#

236 26.1 20.5 30.7

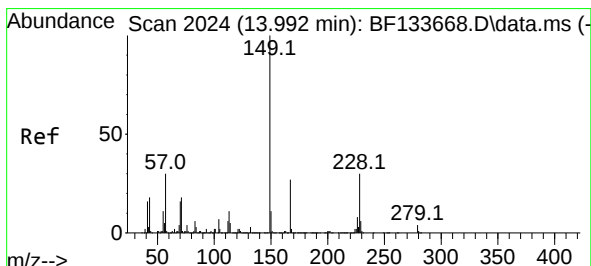
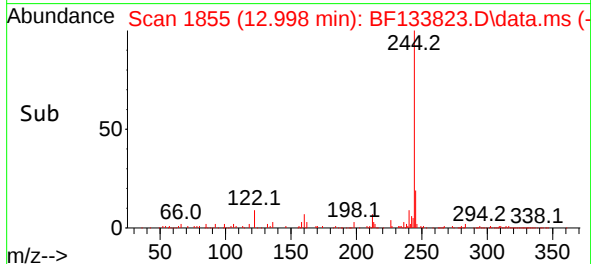
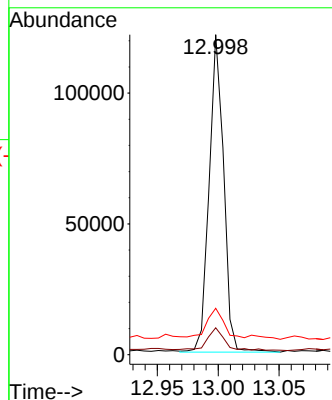
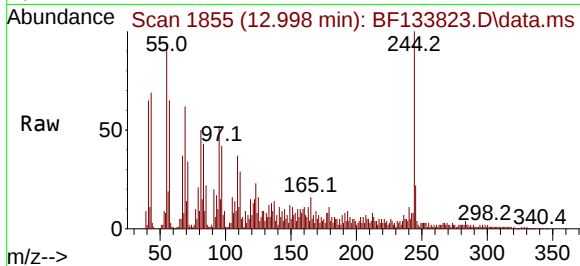




#79
 Terphenyl-d14
 Concen: 12.086 ng
 RT: 12.998 min Scan# 1848
 Delta R.T. 0.006 min
 Lab File: BF133823.D
 Acq: 17 Jun 2023 00:13

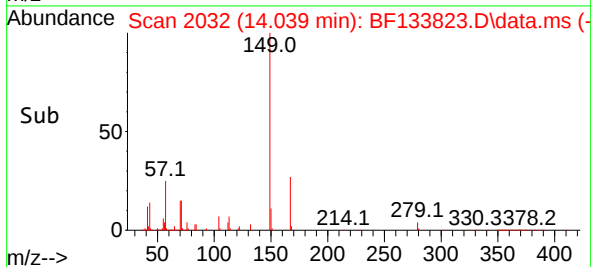
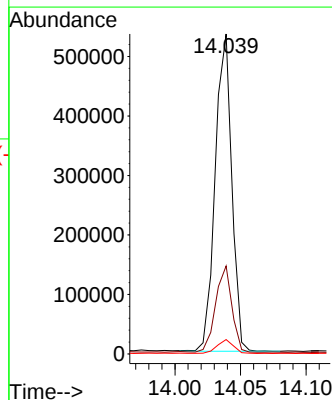
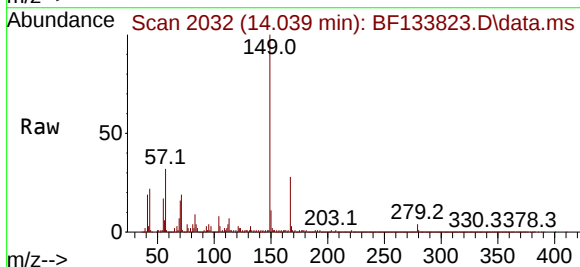
Instrument :
 BNA_F
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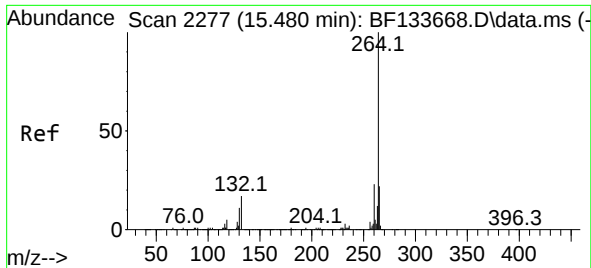
Tgt Ion:244 Resp: 100720
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.4 8.2#
 122 14.5 8.1 12.1#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 74.966 ng
 RT: 14.039 min Scan# 2032
 Delta R.T. 0.006 min
 Lab File: BF133823.D
 Acq: 17 Jun 2023 00:13

Tgt Ion:149 Resp: 468074
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.8 32.8
 279 4.5 3.3 4.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133823.D

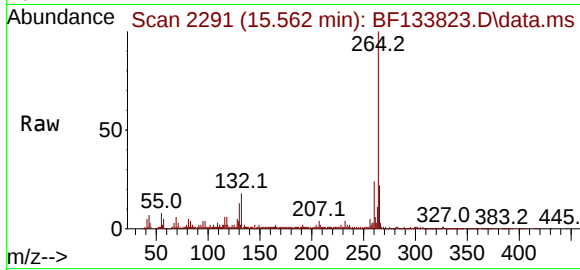
Acq: 17 Jun 2023 00:13

Instrument :

BNA_F

ClientSampleId :

WC-1DL



Tgt Ion:264 Resp: 112537

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.2

265 22.2 17.8 26.6

