

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
 Data File : BF133592.D
 Acq On : 06 Jun 2023 15:27
 Operator : CG\JU
 Sample : 03010-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

Quant Time: Jun 06 16:01:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 14:05:12 2023
 Response via : Initial Calibration

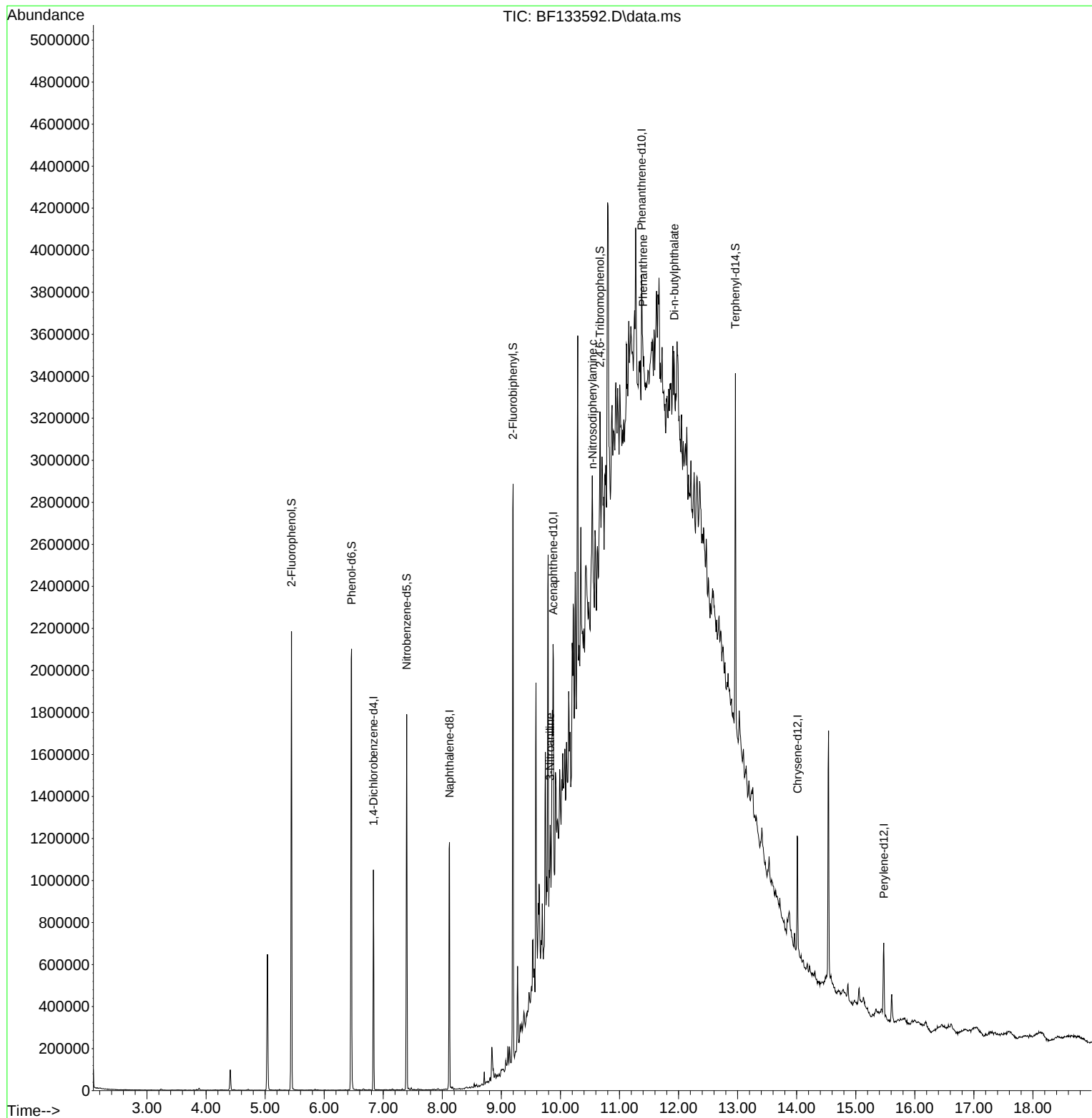
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	138205	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	513036	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	194773	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	246187	20.000	ng	# 0.01
76) Chrysene-d12	14.016	240	198098	20.000	ng	0.00
86) Perylene-d12	15.474	264	160241	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	542138	65.449	ng	0.00
7) Phenol-d6	6.463	99	711973	69.822	ng	0.00
23) Nitrobenzene-d5	7.398	82	472017	61.430	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	95927	49.408	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	836121	66.257	ng	0.00
79) Terphenyl-d14	12.963	244	625667	56.155	ng	0.00
Target Compounds						
53) 3-Nitroaniline	9.828	138	12355	6.715	ng	# 15
66) n-Nitrosodiphenylamine	10.545	169	48898	6.118	ng	# 45
71) Phenanthrene	11.398	178	25896	2.077	ng	# 31
74) Di-n-butylphthalate	11.927	149	53838	3.752	ng	# 53

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

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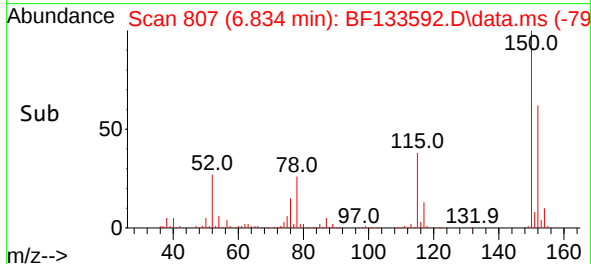
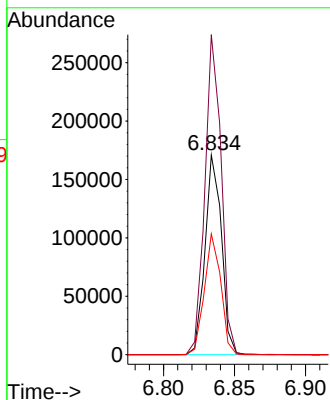
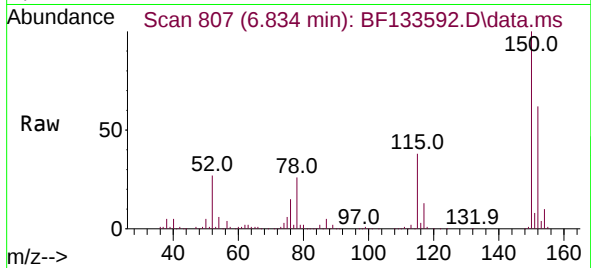




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133592.D
Acq: 06 Jun 2023 15:27

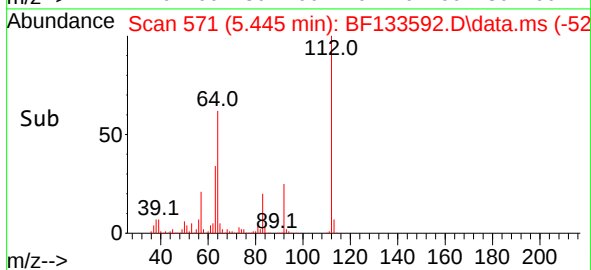
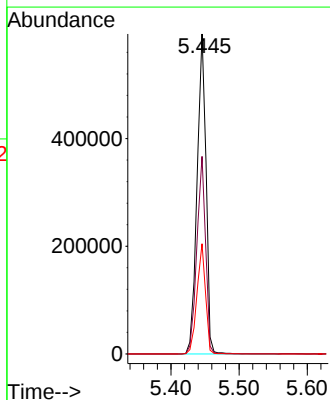
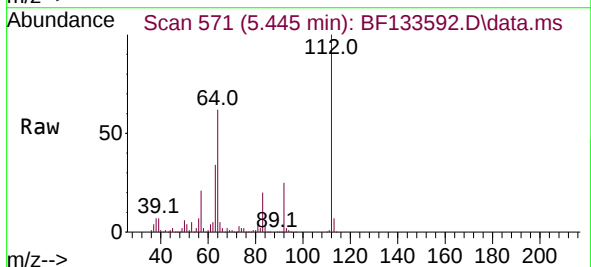
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

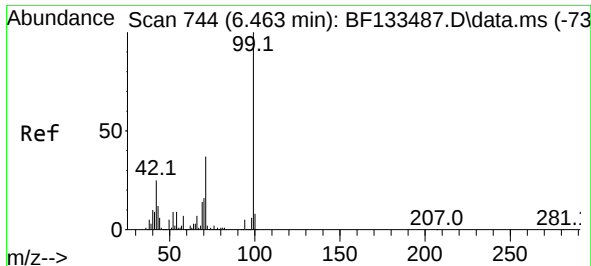
Tgt Ion:152 Resp: 138205
Ion Ratio Lower Upper
152 100
150 160.2 124.9 187.3
115 60.5 48.1 72.1



#5
2-Fluorophenol
Concen: 65.449 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF133592.D
Acq: 06 Jun 2023 15:27

Tgt Ion:112 Resp: 542138
Ion Ratio Lower Upper
112 100
64 61.7 50.1 75.1
63 34.4 27.5 41.3

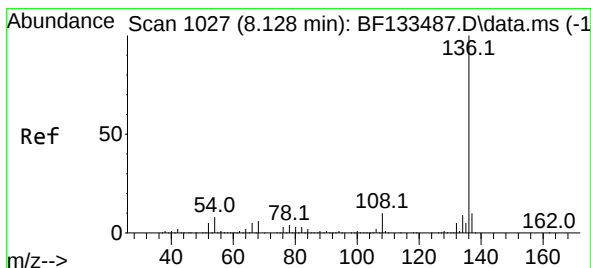
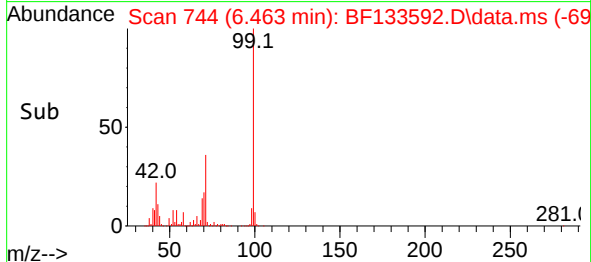
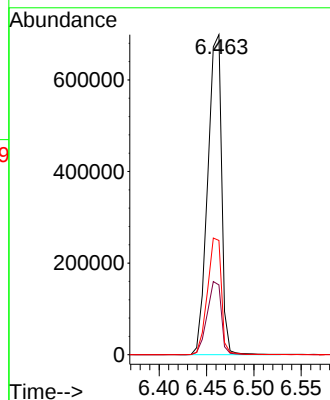
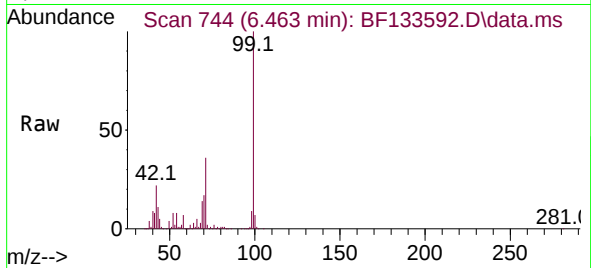




#7
Phenol-d6
Concen: 69.822 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133592.D
Acq: 06 Jun 2023 15:27

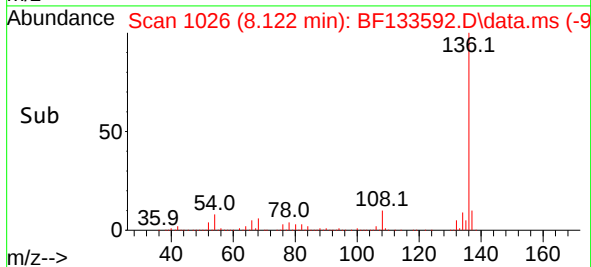
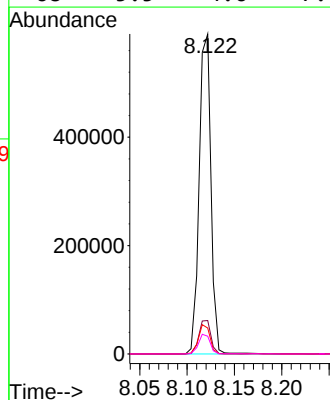
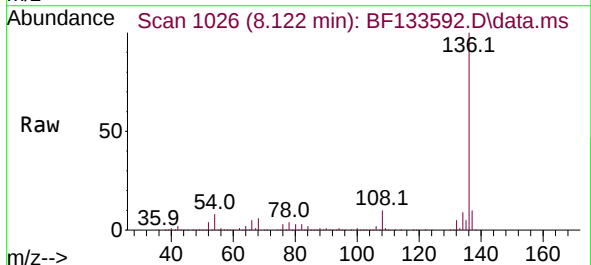
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

Tgt Ion: 99 Resp: 711973
Ion Ratio Lower Upper
99 100
42 21.8 19.7 29.5
71 35.7 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133592.D
Acq: 06 Jun 2023 15:27

Tgt Ion: 136 Resp: 513036
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.4
54 8.1 6.6 10.0
68 5.5 4.6 7.0





#23

Nitrobenzene-d5

Concen: 61.430 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF133592.D

Acq: 06 Jun 2023 15:27

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

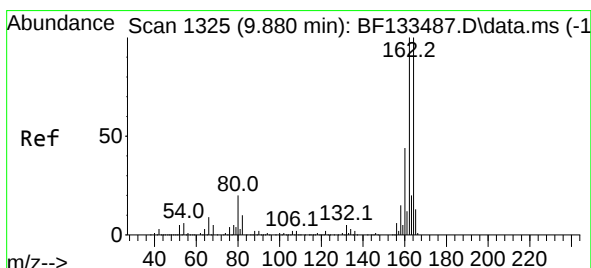
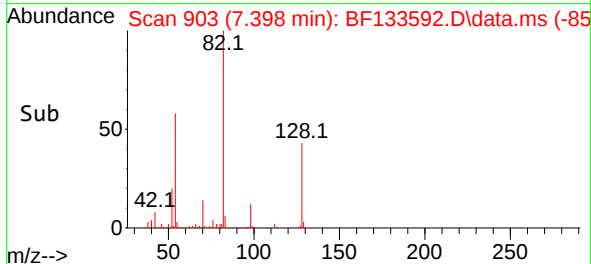
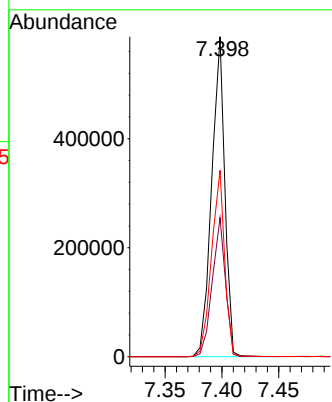
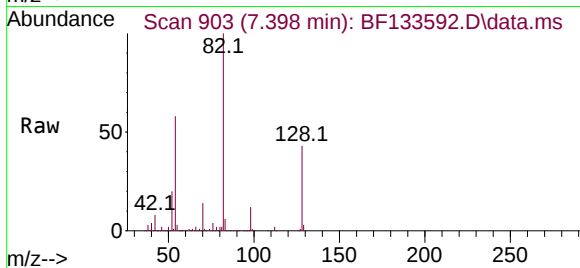
Tgt Ion: 82 Resp: 472017

Ion Ratio Lower Upper

82 100

128 43.5 34.2 51.4

54 58.2 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. 0.006 min

Lab File: BF133592.D

Acq: 06 Jun 2023 15:27

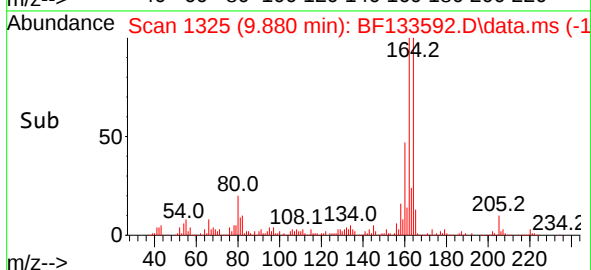
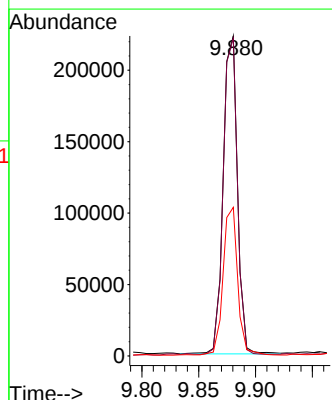
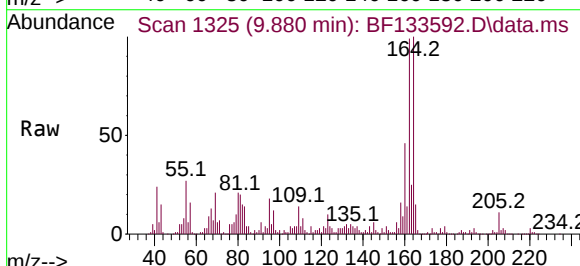
Tgt Ion: 164 Resp: 194773

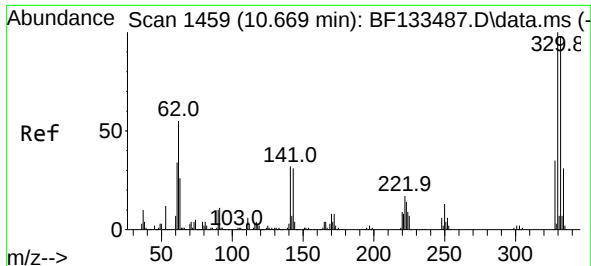
Ion Ratio Lower Upper

164 100

162 99.3 79.7 119.5

160 46.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 49.408 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF133592.D

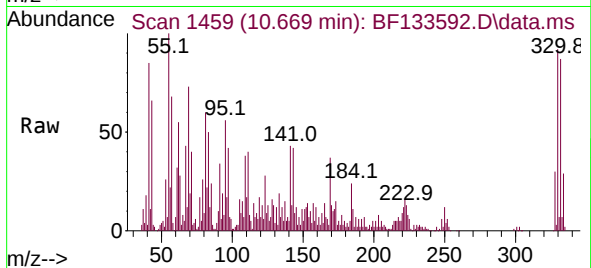
Acq: 06 Jun 2023 15:27

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1



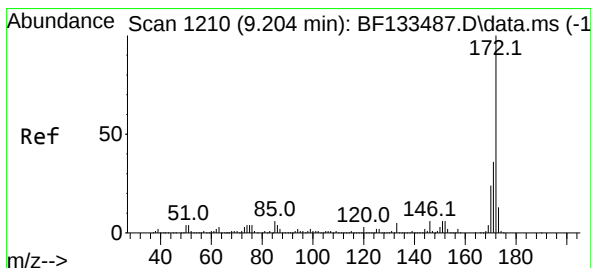
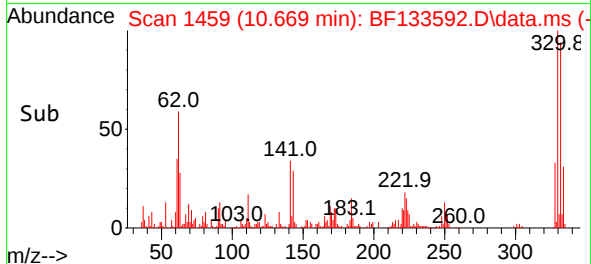
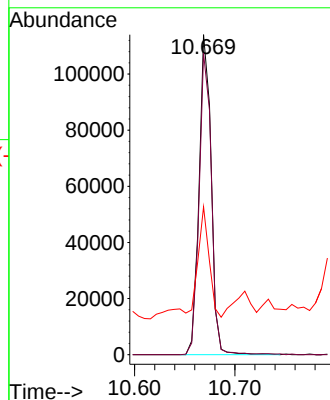
Tgt Ion:330 Resp: 95927

Ion Ratio Lower Upper

330 100

332 95.7 77.8 116.6

141 31.1 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 66.257 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133592.D

Acq: 06 Jun 2023 15:27

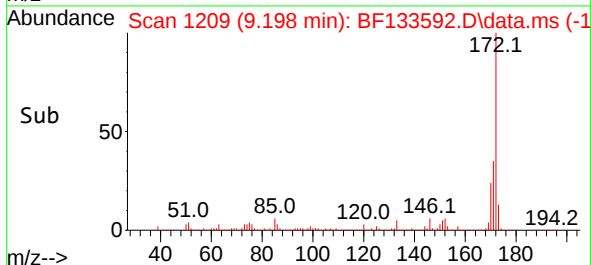
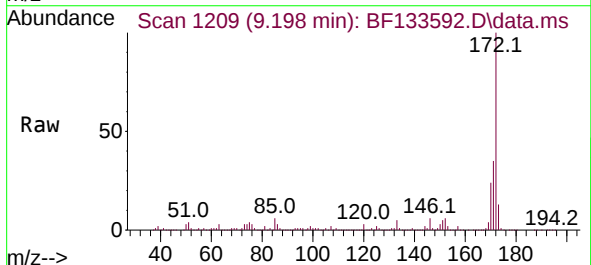
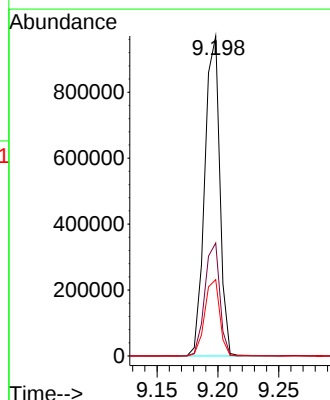
Tgt Ion:172 Resp: 836121

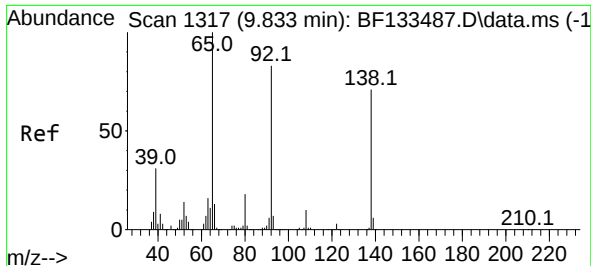
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.8 19.3 28.9

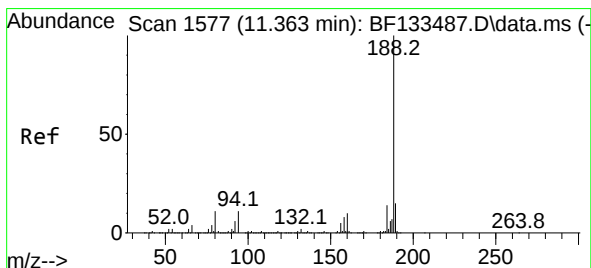
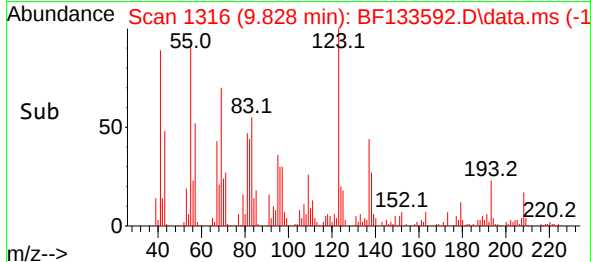
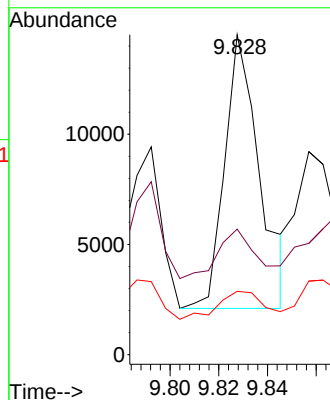
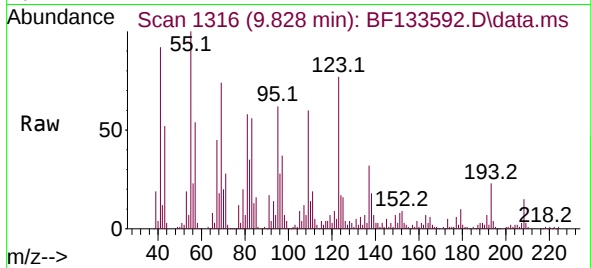




#53
3-Nitroaniline
Concen: 6.715 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133592.D
Acq: 06 Jun 2023 15:27

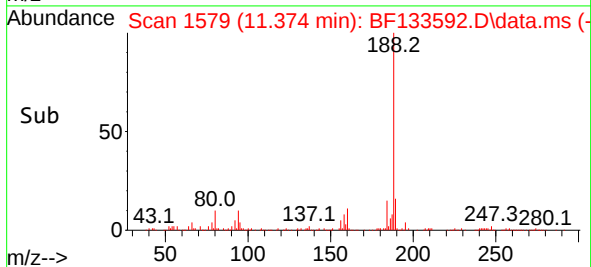
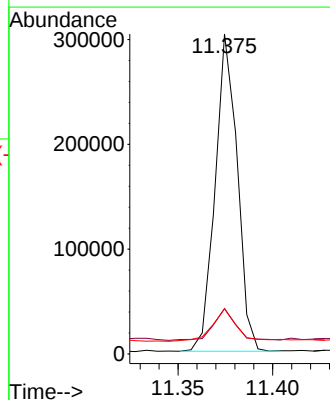
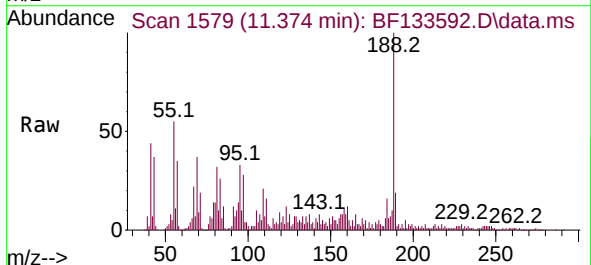
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

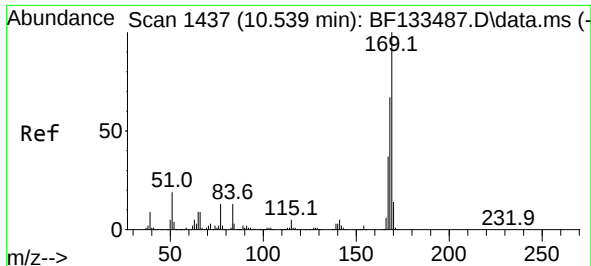
Tgt Ion:138 Resp: 12355
Ion Ratio Lower Upper
138 100
108 39.3 11.9 17.9#
92 19.8 93.1 139.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.012 min
Lab File: BF133592.D
Acq: 06 Jun 2023 15:27

Tgt Ion:188 Resp: 246187
Ion Ratio Lower Upper
188 100
94 14.2 8.6 12.8#
80 14.1 9.2 13.8#

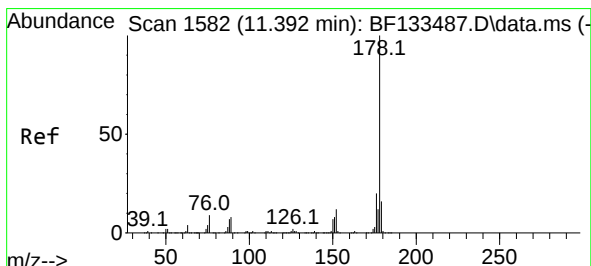
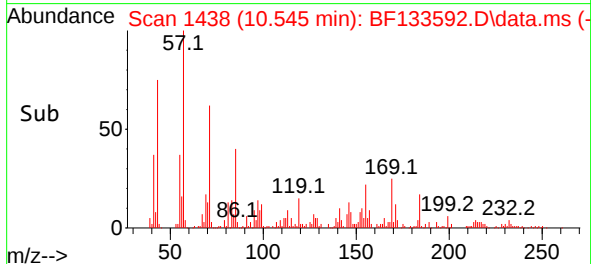
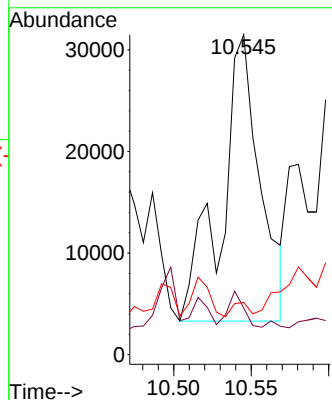
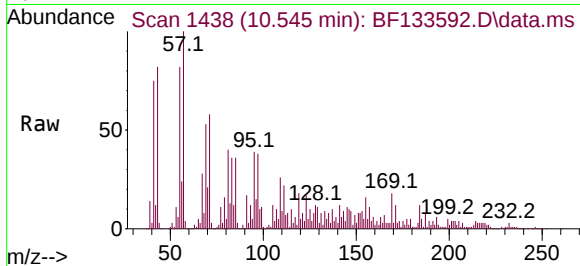




#66
n-Nitrosodiphenylamine
Concen: 6.118 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF133592.D
Acq: 06 Jun 2023 15:27

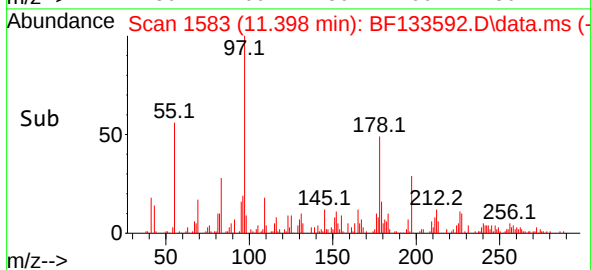
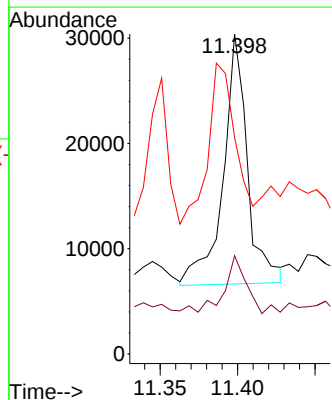
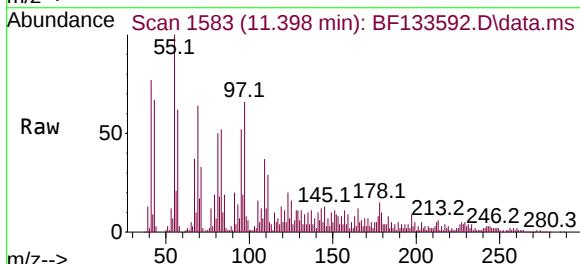
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BNA_F
ClientSampleId :
CONC-WC-1

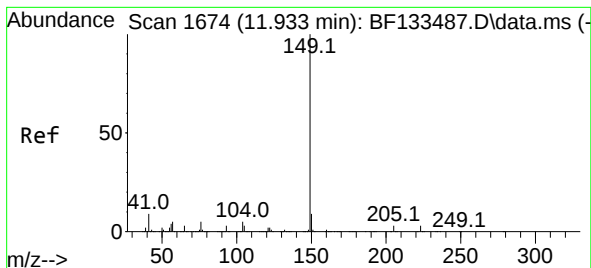
Tgt Ion:169 Resp: 48898
Ion Ratio Lower Upper
169 100
168 14.6 53.7 80.5#
167 16.4 29.6 44.4#



#71
Phenanthrene
Concen: 2.077 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF133592.D
Acq: 06 Jun 2023 15:27

Tgt Ion:178 Resp: 25896
Ion Ratio Lower Upper
178 100
176 30.7 15.6 23.4#
179 67.7 12.4 18.6#





#74

Di-n-butylphthalate

Concen: 3.752 ng

RT: 11.927 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133592.D

Acq: 06 Jun 2023 15:27

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

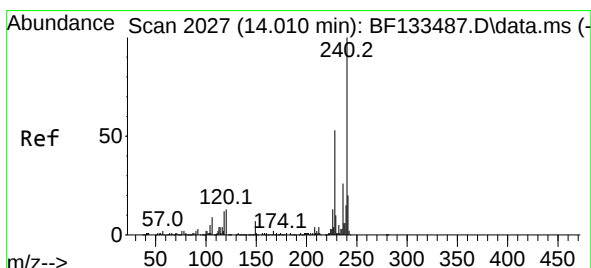
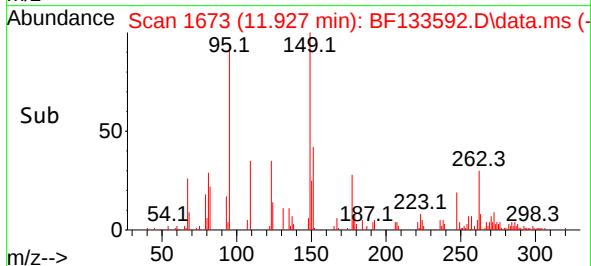
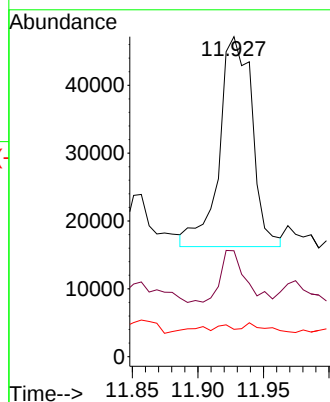
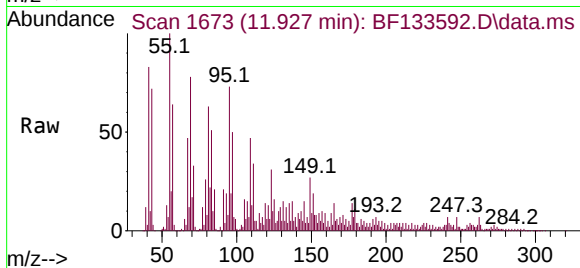
Tgt Ion:149 Resp: 53838

Ion Ratio Lower Upper

149 100

150 33.1 7.4 11.2#

104 8.6 3.9 5.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF133592.D

Acq: 06 Jun 2023 15:27

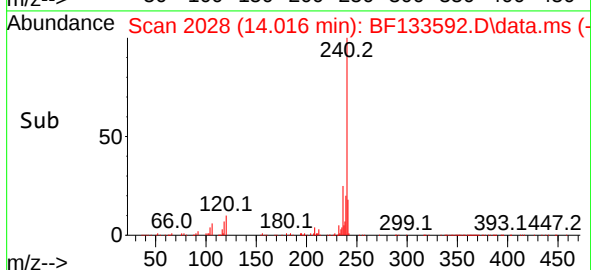
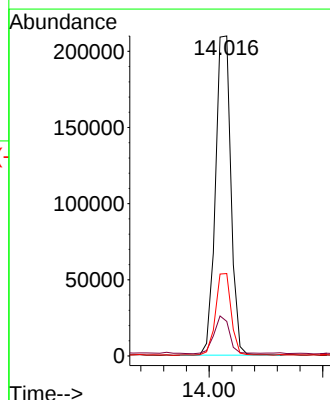
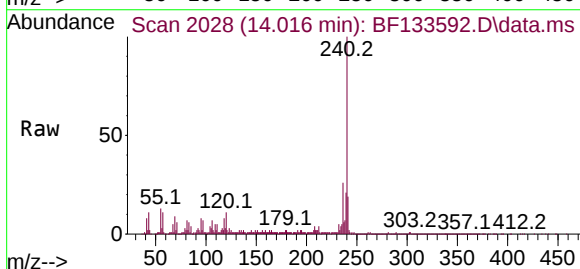
Tgt Ion:240 Resp: 198098

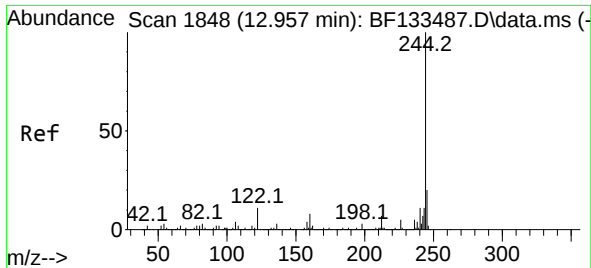
Ion Ratio Lower Upper

240 100

120 10.8 10.3 15.5

236 25.8 20.5 30.7

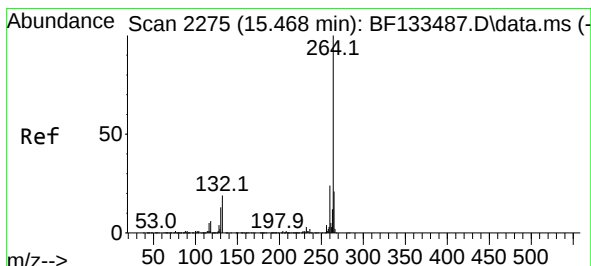
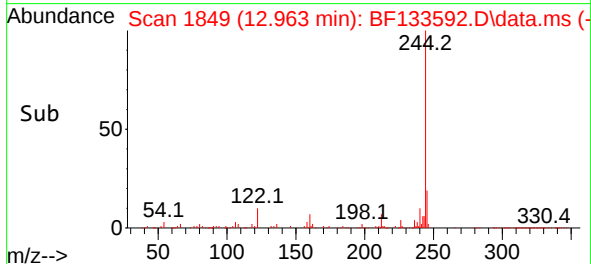
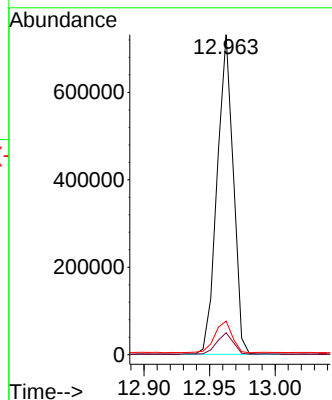
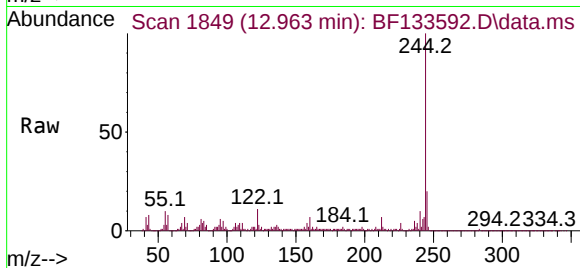




#79
 Terphenyl-d14
 Concen: 56.155 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: BF133592.D
 Acq: 06 Jun 2023 15:27

Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

Tgt Ion:244 Resp: 625667
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 10.5 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2276
 Delta R.T. 0.006 min
 Lab File: BF133592.D
 Acq: 06 Jun 2023 15:27

Tgt Ion:264 Resp: 160241
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.0 28.4
 265 21.3 16.8 25.2

