

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
 Data File : BF133987.D
 Acq On : 27 Jun 2023 12:50
 Operator : CG\JU
 Sample : 03337-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-8

Quant Time: Jun 27 13:50:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

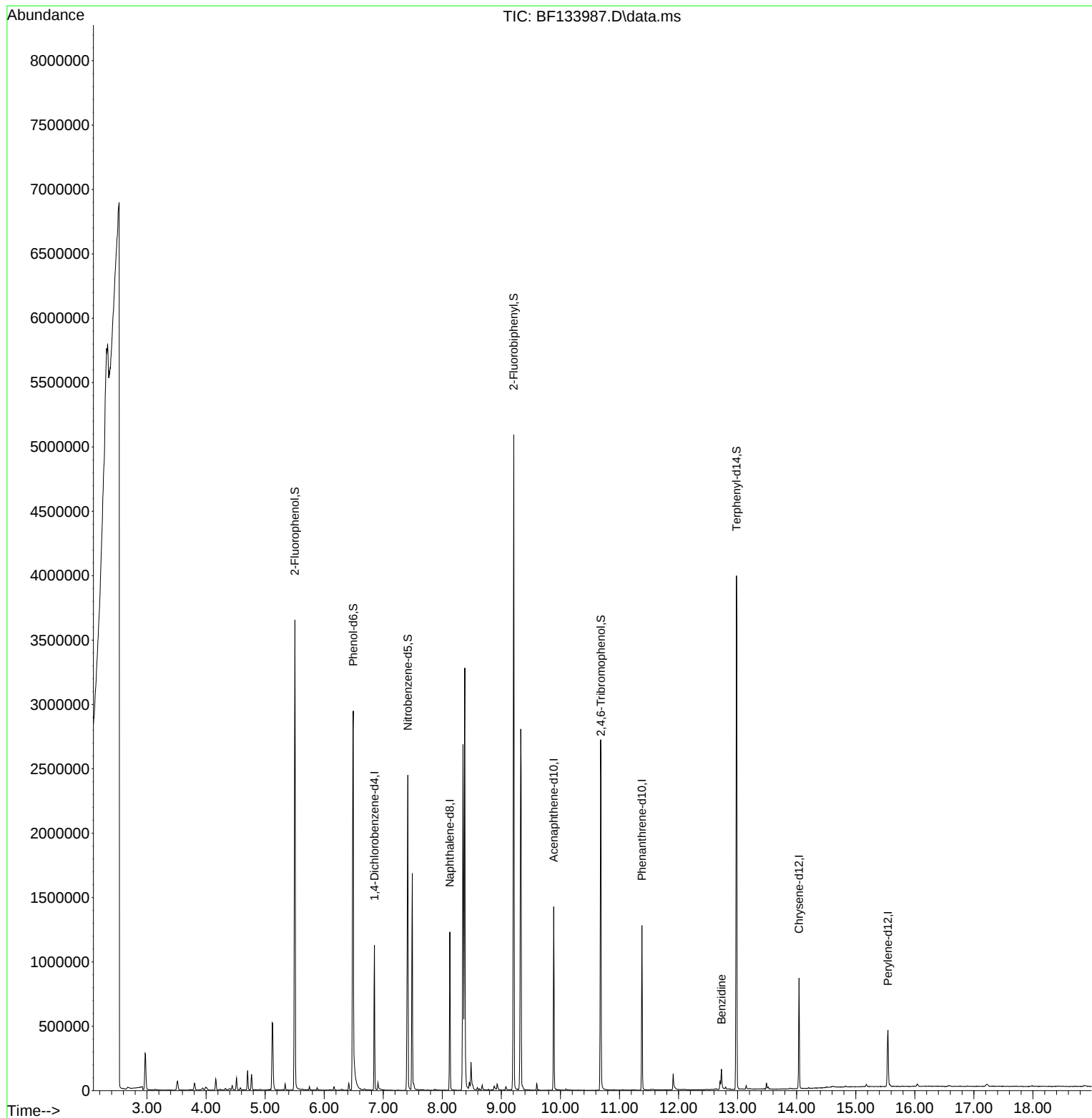
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	151253	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	502208	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	264710	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	442370	20.000	ng	0.00
76) Chrysene-d12	14.039	240	265034	20.000	ng	0.00
86) Perylene-d12	15.545	264	210983	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1021585	112.981	ng	0.02
7) Phenol-d6	6.492	99	1230589	110.665	ng	0.00
23) Nitrobenzene-d5	7.416	82	800827	85.958	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	362387	109.188	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1549306	85.094	ng	0.00
79) Terphenyl-d14	12.980	244	1543547	93.732	ng	0.00
Target Compounds						
77) Benzidine	12.727	184	59508	9.436	ng	Qvalue 100

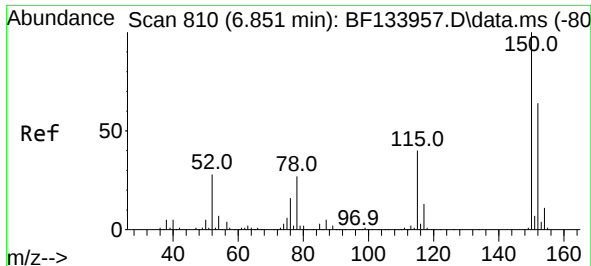
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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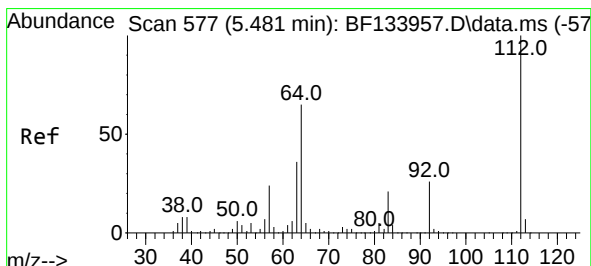
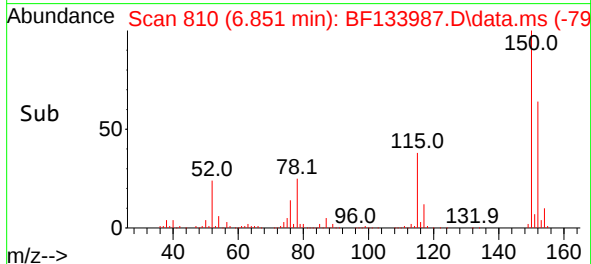
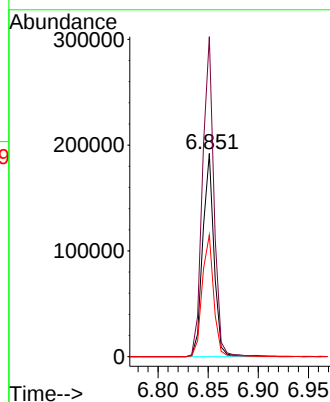
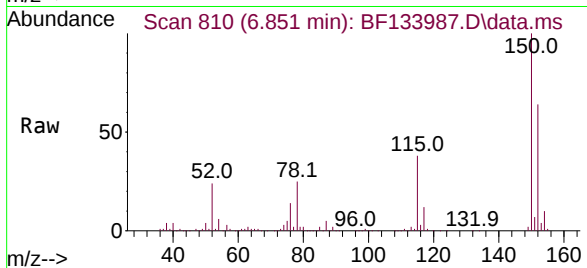




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133987.D
Acq: 27 Jun 2023 12:50

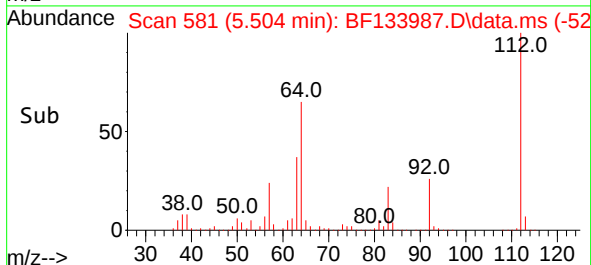
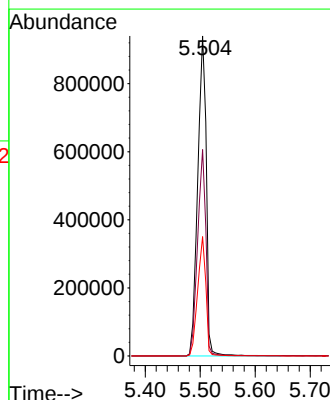
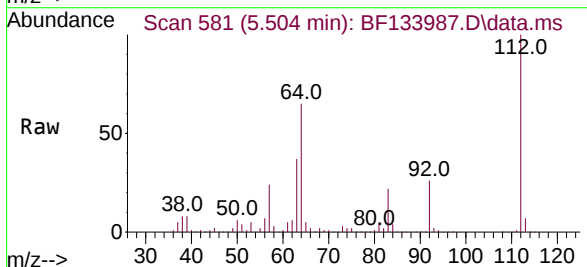
Instrument :
BNA_F
ClientSampleId :
WC-8

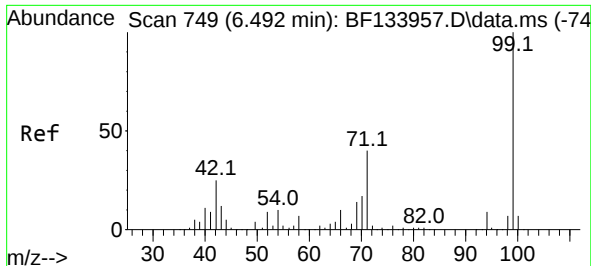
Tgt Ion:152 Resp: 151253
Ion Ratio Lower Upper
152 100
150 157.5 124.5 186.7
115 59.9 50.2 75.2



#5
2-Fluorophenol
Concen: 112.981 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.024 min
Lab File: BF133987.D
Acq: 27 Jun 2023 12:50

Tgt Ion:112 Resp: 1021585
Ion Ratio Lower Upper
112 100
64 64.5 52.1 78.1
63 37.3 28.6 42.8

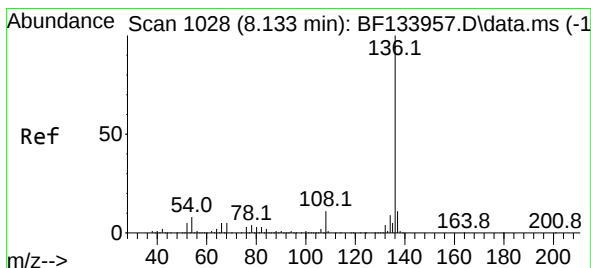
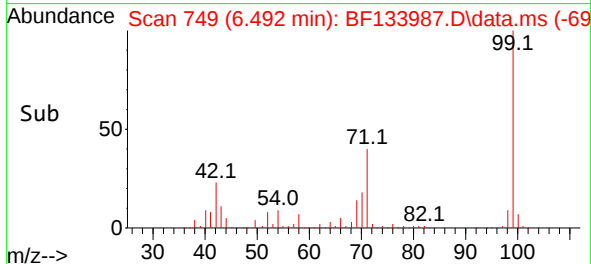
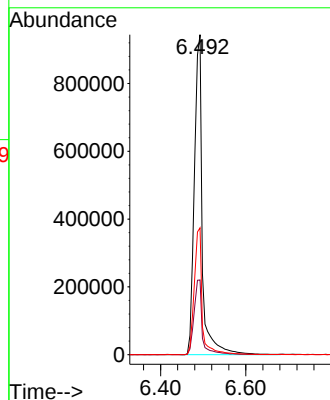
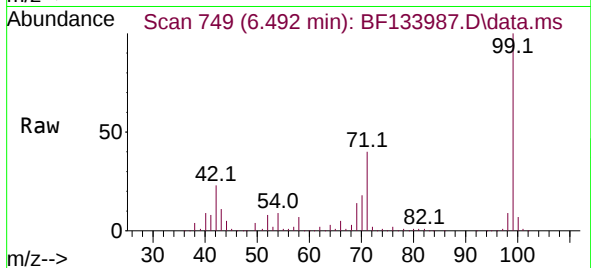




#7
Phenol-d6
Concen: 110.665 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF133987.D
Acq: 27 Jun 2023 12:50

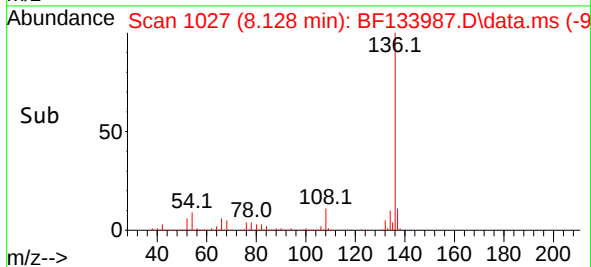
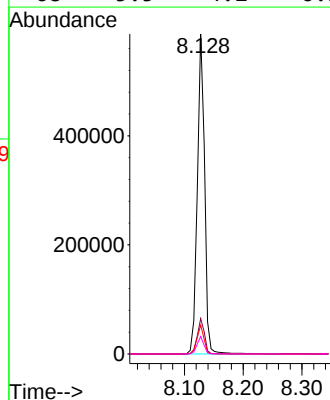
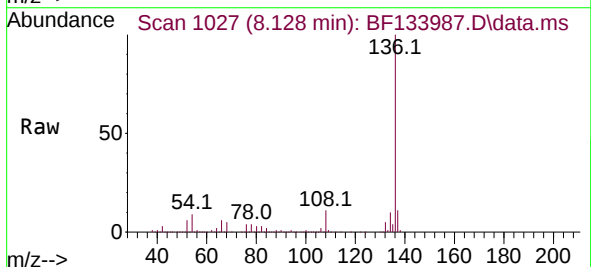
Instrument :
BNA_F
ClientSampleId :
WC-8

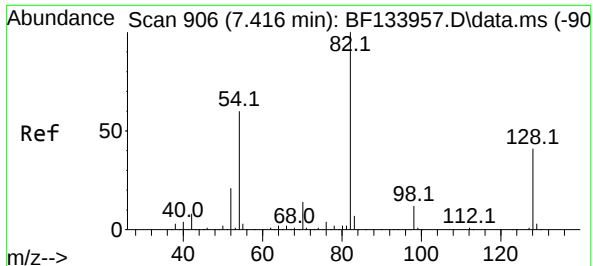
Tgt Ion: 99 Resp: 1230589
Ion Ratio Lower Upper
99 100
42 23.4 19.8 29.6
71 39.7 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF133987.D
Acq: 27 Jun 2023 12:50

Tgt Ion:136 Resp: 502208
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.0 6.5 9.7
68 5.5 4.2 6.2

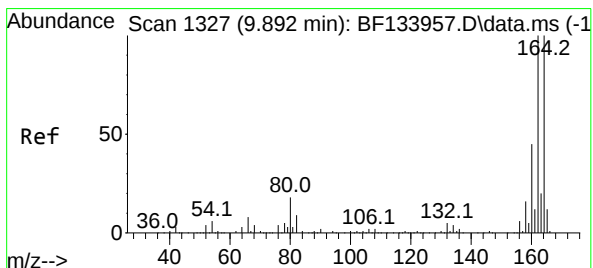
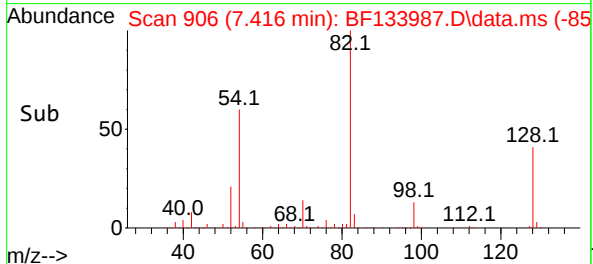
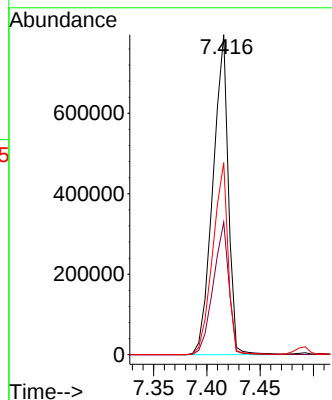
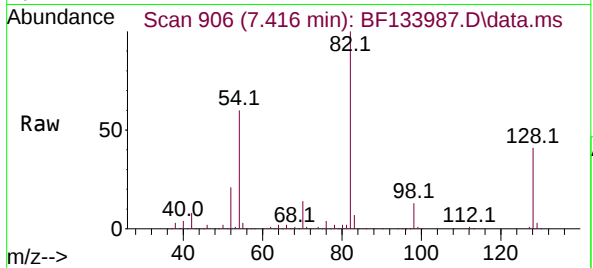




#23
Nitrobenzene-d5
Concen: 85.958 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF133987.D
Acq: 27 Jun 2023 12:50

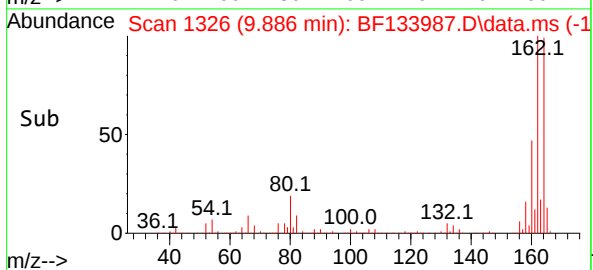
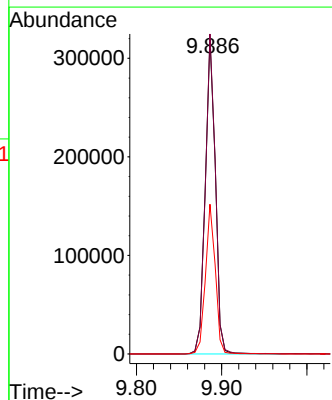
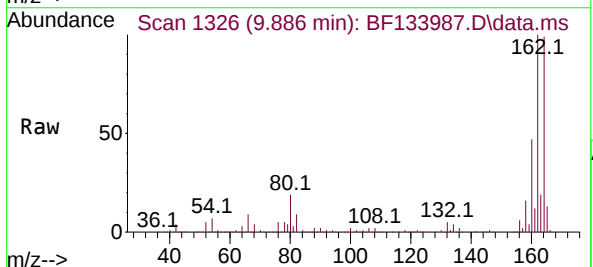
Instrument :
BNA_F
ClientSampleId :
WC-8

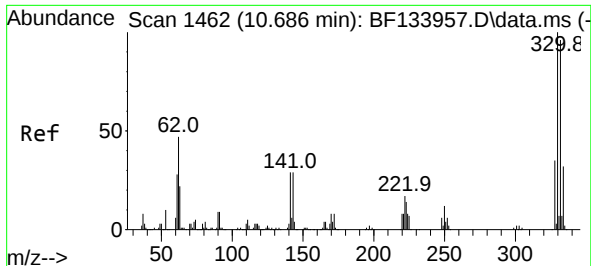
Tgt Ion: 82 Resp: 800827
Ion Ratio Lower Upper
82 100
128 41.4 32.5 48.7
54 60.0 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF133987.D
Acq: 27 Jun 2023 12:50

Tgt Ion:164 Resp: 264710
Ion Ratio Lower Upper
164 100
162 101.3 80.0 120.0
160 47.4 35.9 53.9

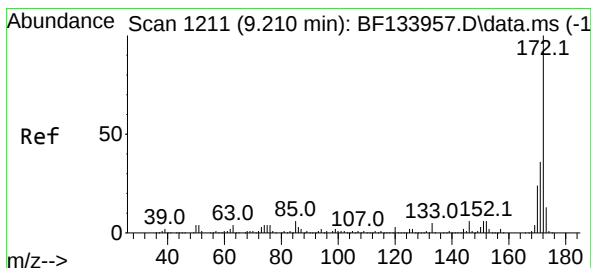
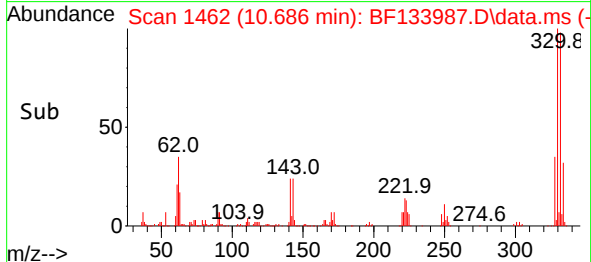
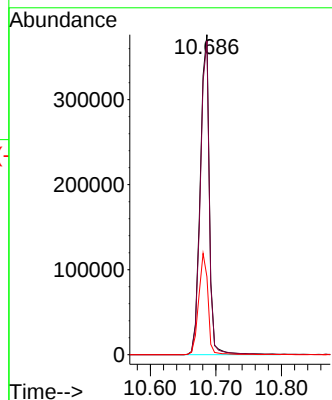
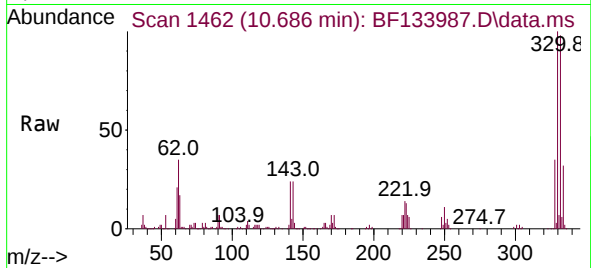




#42
2,4,6-Tribromophenol
Concen: 109.188 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF133987.D
Acq: 27 Jun 2023 12:50

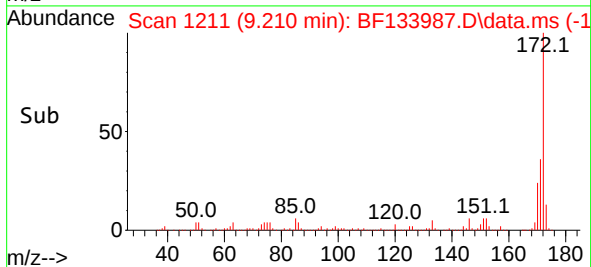
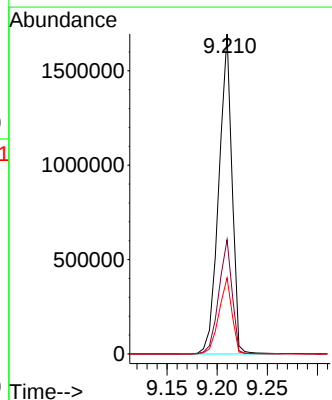
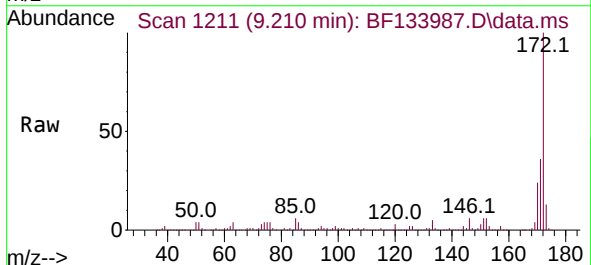
Instrument :
BNA_F
ClientSampleId :
WC-8

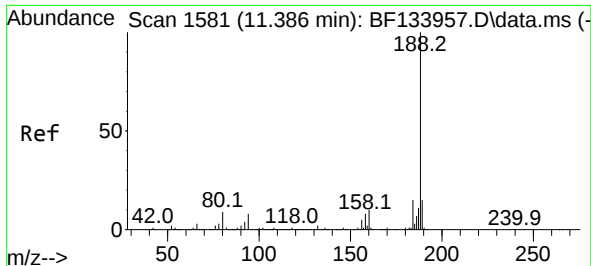
Tgt Ion:330 Resp: 362387
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 32.3 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 85.094 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF133987.D
Acq: 27 Jun 2023 12:50

Tgt Ion:172 Resp: 1549306
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.8 19.4 29.0

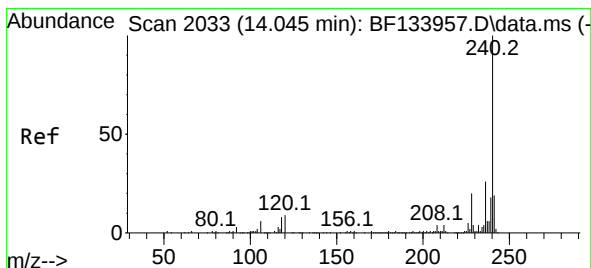
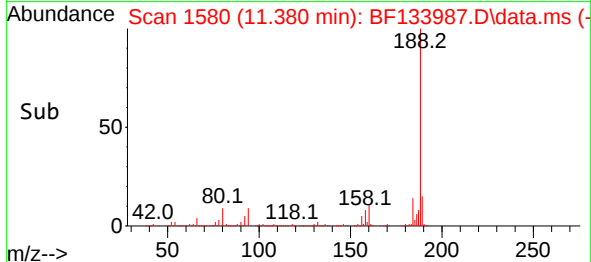
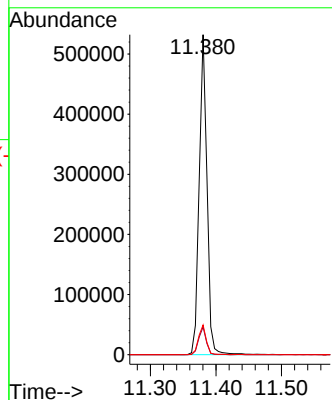
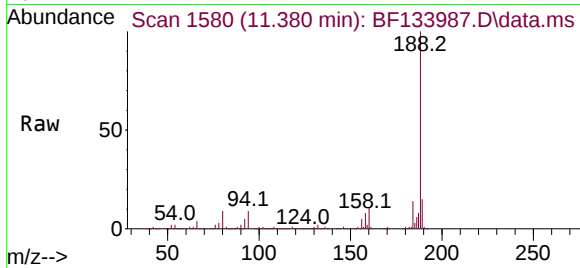




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133987.D
Acq: 27 Jun 2023 12:50

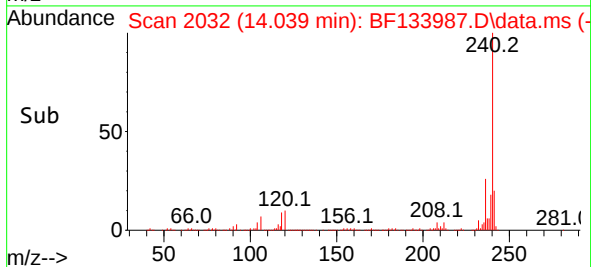
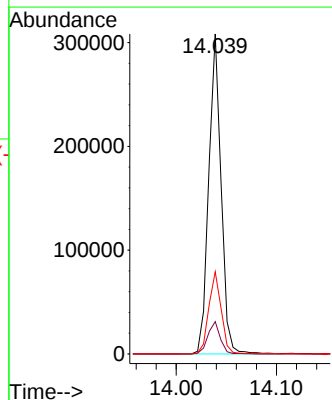
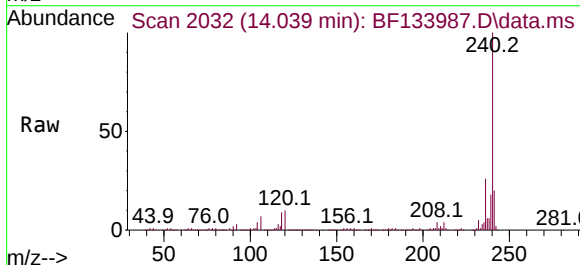
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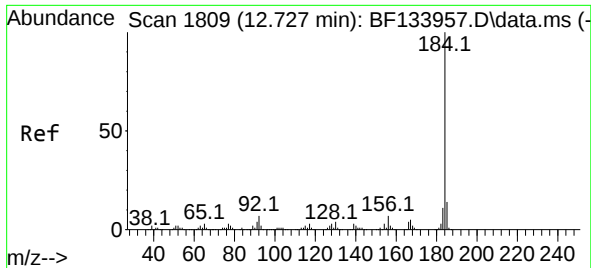
Tgt Ion:188 Resp: 442370
Ion Ratio Lower Upper
188 100
94 8.7 6.4 9.6
80 9.3 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133987.D
Acq: 27 Jun 2023 12:50

Tgt Ion:240 Resp: 265034
Ion Ratio Lower Upper
240 100
120 10.1 7.4 11.0
236 25.7 21.0 31.6

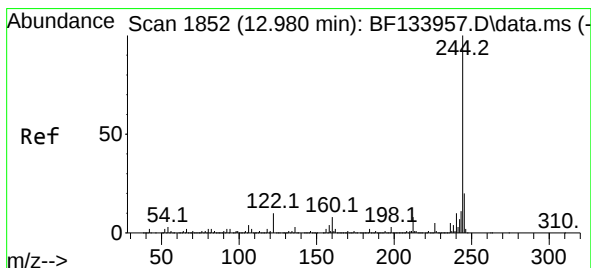
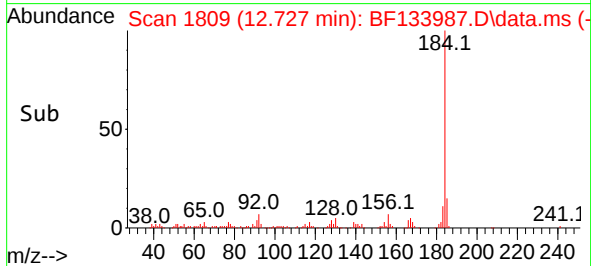
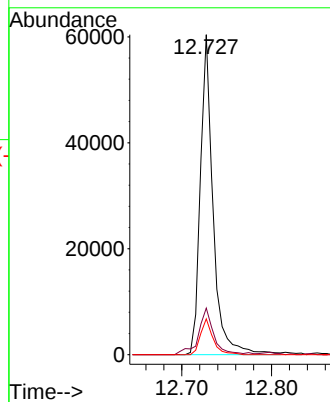
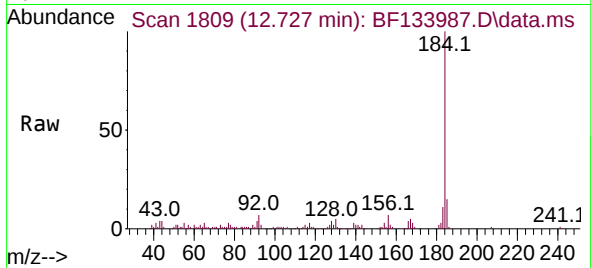




#77
Benzidine
Concen: 9.436 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF133987.D
Acq: 27 Jun 2023 12:50

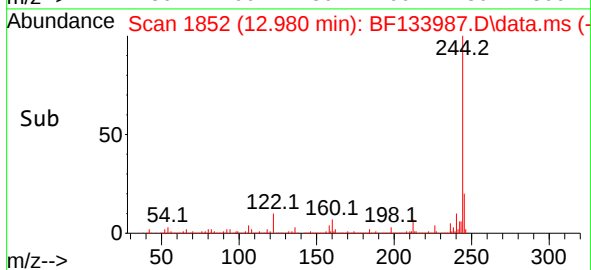
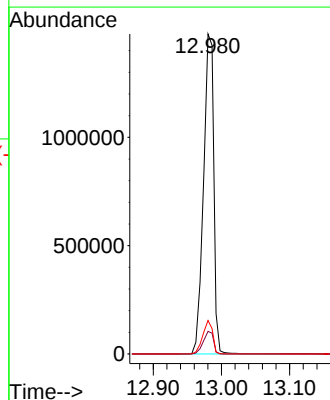
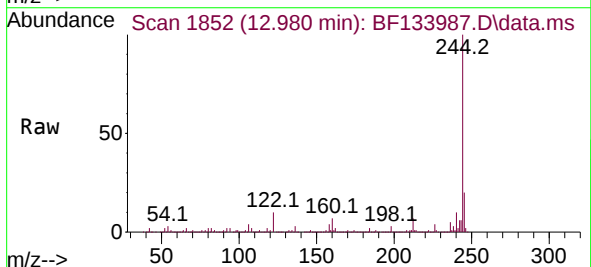
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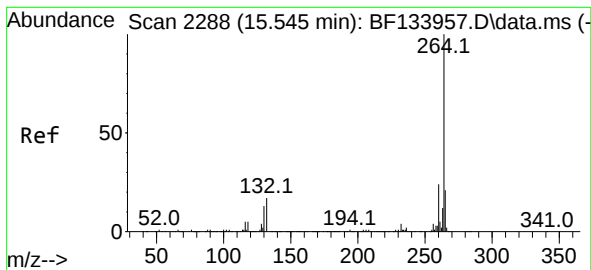
Tgt Ion:184 Resp: 59508
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 11.2 8.8 13.2



#79
Terphenyl-d14
Concen: 93.732 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF133987.D
Acq: 27 Jun 2023 12:50

Tgt Ion:244 Resp: 1543547
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 10.4 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133987.D

Acq: 27 Jun 2023 12:50

Instrument :

BNA_F

ClientSampleId :

WC-8

Tgt Ion:264 Resp: 210983

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.7 16.6 25.0

