

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
 Data File : BF133988.D
 Acq On : 27 Jun 2023 13:24
 Operator : CG\JU
 Sample : 03337-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-15

Quant Time: Jun 27 13:55:59 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)

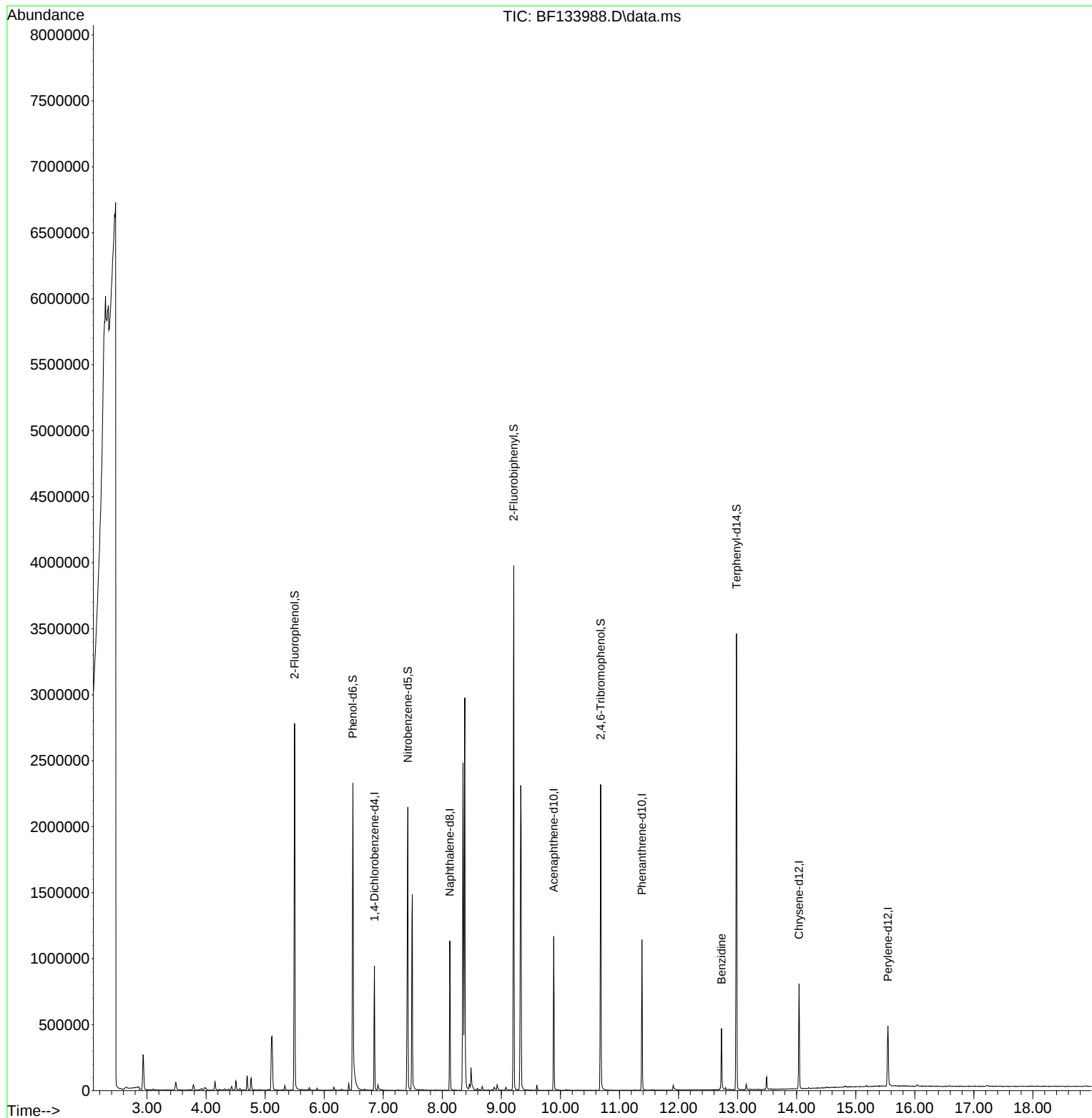
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	123810	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	453872	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	212225	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	386695	20.000	ng	0.00
76) Chrysene-d12	14.039	240	256415	20.000	ng	0.00
86) Perylene-d12	15.545	264	220449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	746628	100.875	ng	0.02
7) Phenol-d6	6.487	99	835156	91.751	ng	0.00
23) Nitrobenzene-d5	7.416	82	657350	78.072	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	276262	103.824	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1131841	77.539	ng	0.00
79) Terphenyl-d14	12.980	244	1214726	76.244	ng	0.00
Target Compounds						
77) Benzidine	12.727	184	165141	27.067	ng	Qvalue 98

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

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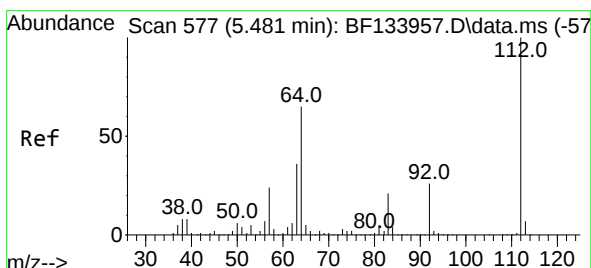
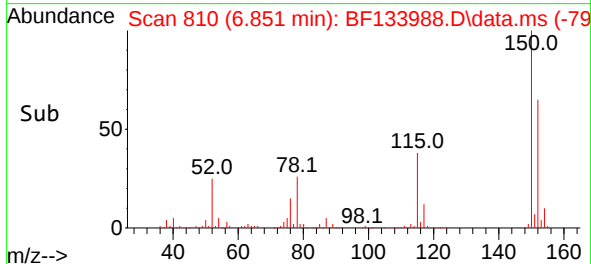
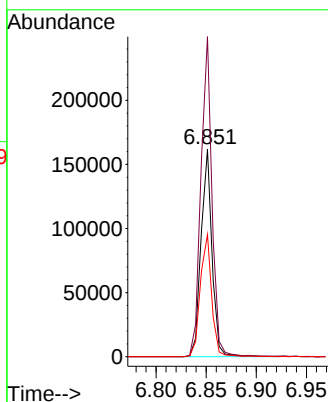
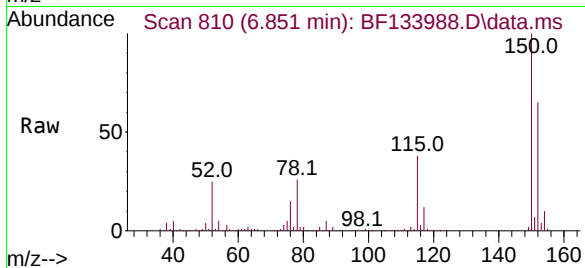




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133988.D
Acq: 27 Jun 2023 13:24

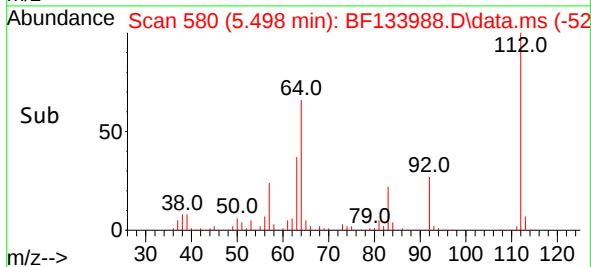
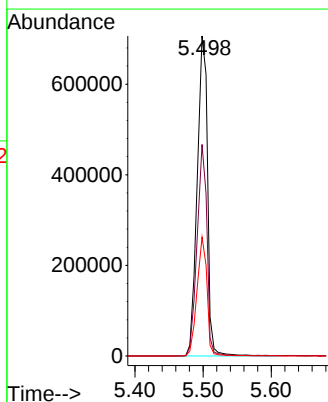
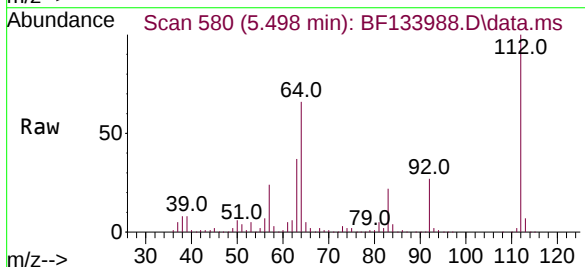
Instrument :
BNA_F
ClientSampleId :
WC-15

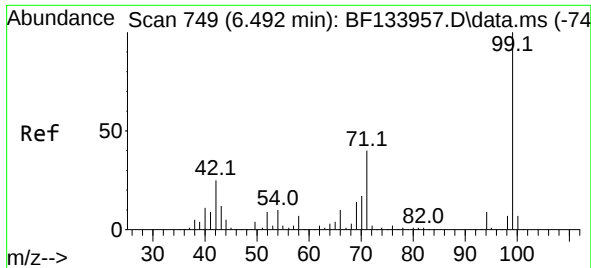
Tgt Ion:152 Resp: 123810
Ion Ratio Lower Upper
152 100
150 154.3 124.5 186.7
115 58.9 50.2 75.2



#5
2-Fluorophenol
Concen: 100.875 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF133988.D
Acq: 27 Jun 2023 13:24

Tgt Ion:112 Resp: 746628
Ion Ratio Lower Upper
112 100
64 66.1 52.1 78.1
63 37.2 28.6 42.8

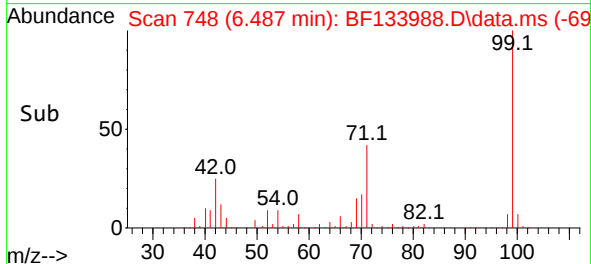
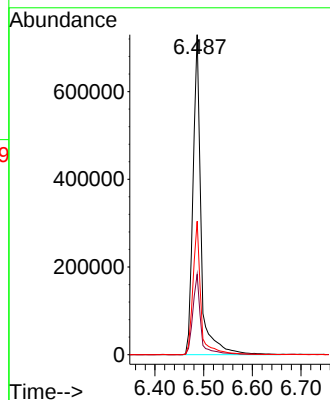
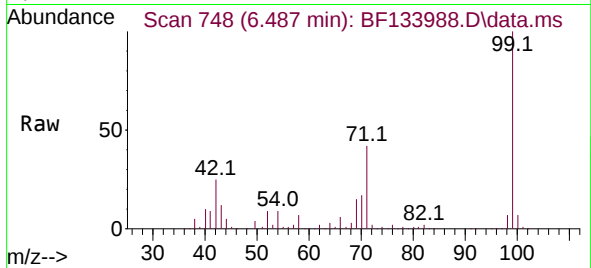




#7
Phenol-d6
Concen: 91.751 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133988.D
Acq: 27 Jun 2023 13:24

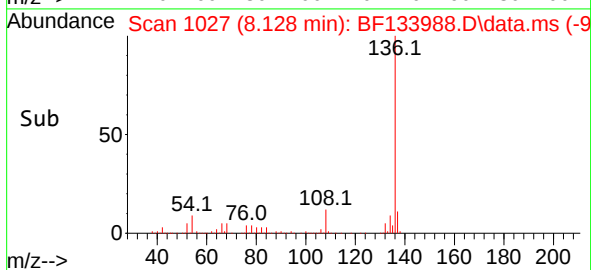
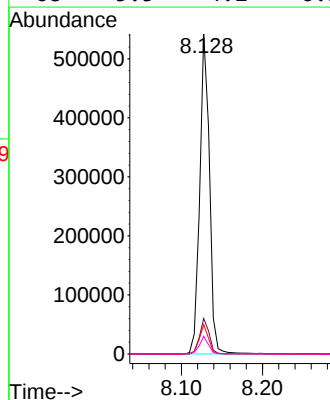
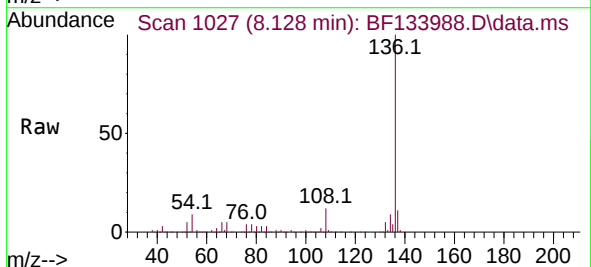
Instrument :
BNA_F
ClientSampleId :
WC-15

Tgt Ion: 99 Resp: 835156
Ion Ratio Lower Upper
99 100
42 25.1 19.8 29.6
71 41.7 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: BF133988.D
Acq: 27 Jun 2023 13:24

Tgt Ion: 136 Resp: 453872
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.2 6.5 9.7
68 5.5 4.2 6.2

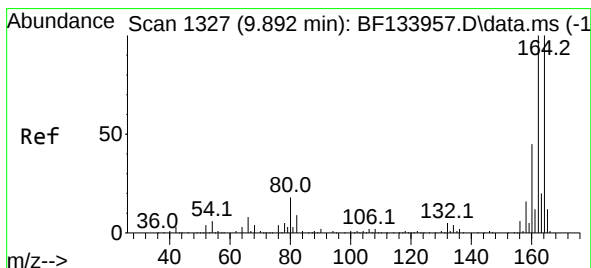
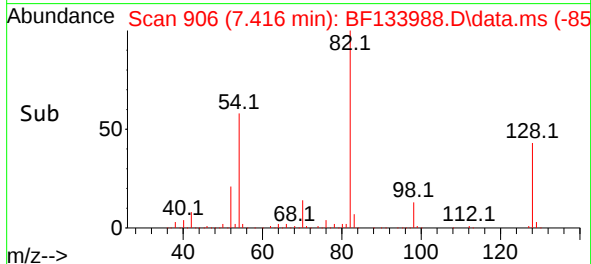
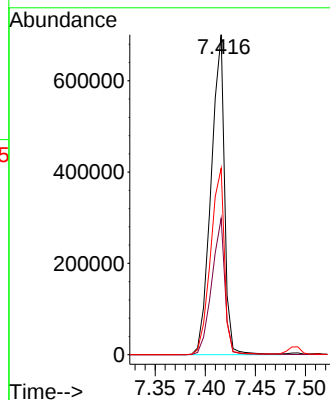
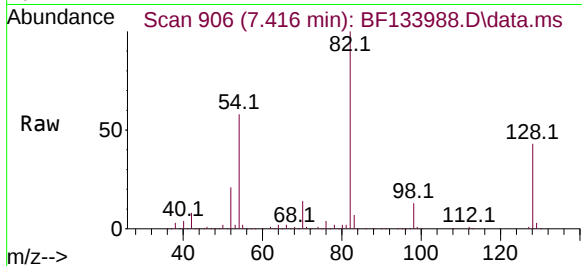




#23
 Nitrobenzene-d5
 Concen: 78.072 ng
 RT: 7.416 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: BF133988.D
 Acq: 27 Jun 2023 13:24

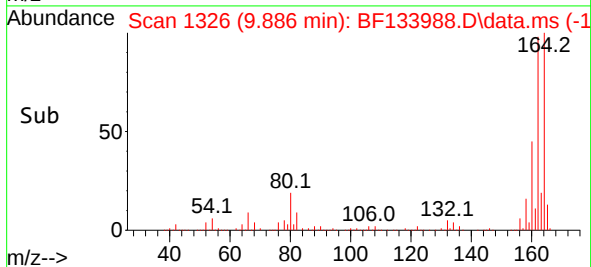
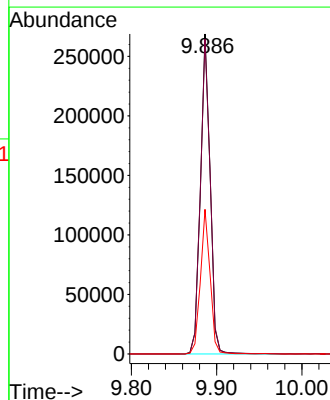
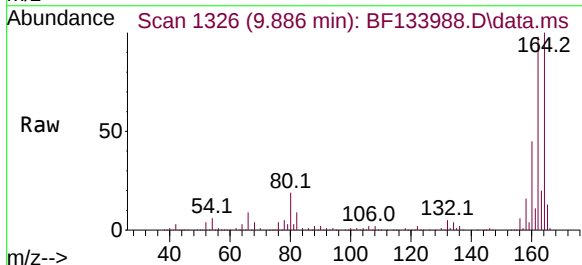
Instrument :
 BNA_F
 ClientSampleId :
 WC-15

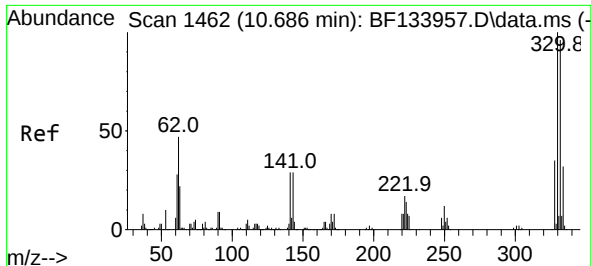
Tgt Ion: 82 Resp: 657350
 Ion Ratio Lower Upper
 82 100
 128 42.6 32.5 48.7
 54 58.2 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.886 min Scan# 1326
 Delta R.T. -0.006 min
 Lab File: BF133988.D
 Acq: 27 Jun 2023 13:24

Tgt Ion: 164 Resp: 212225
 Ion Ratio Lower Upper
 164 100
 162 98.4 80.0 120.0
 160 45.2 35.9 53.9

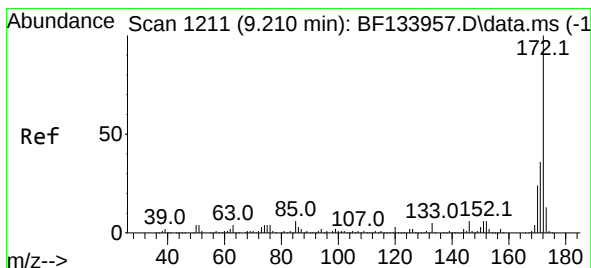
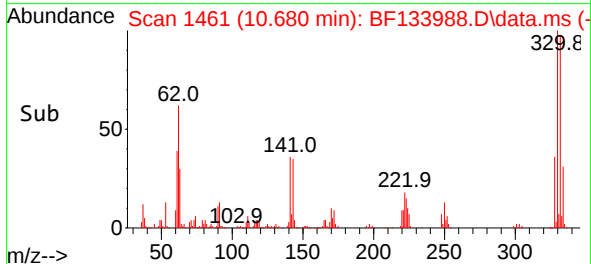
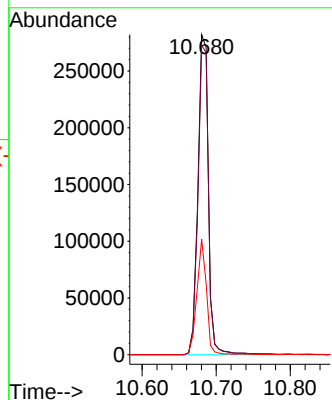
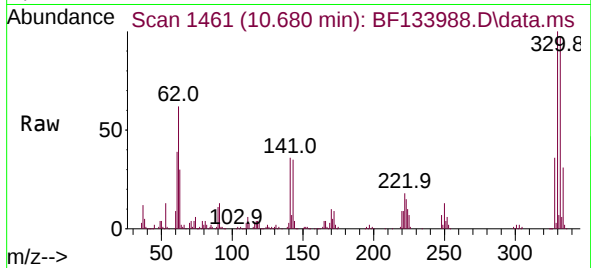




#42
2,4,6-Tribromophenol
Concen: 103.824 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF133988.D
Acq: 27 Jun 2023 13:24

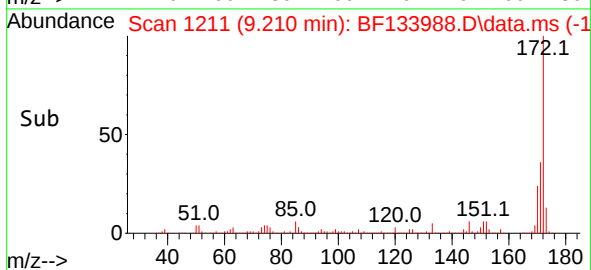
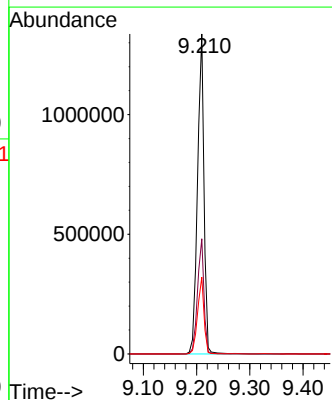
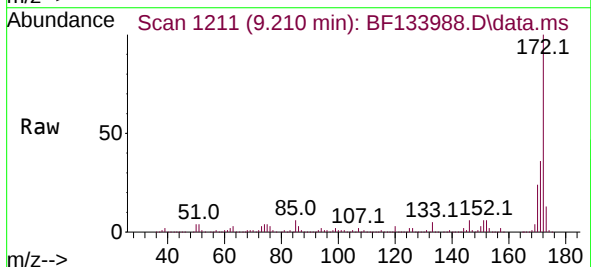
Instrument :
BNA_F
ClientSampleId :
WC-15

Tgt Ion:330 Resp: 276262
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 32.8 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 77.539 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF133988.D
Acq: 27 Jun 2023 13:24

Tgt Ion:172 Resp: 1131841
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.0 19.4 29.0

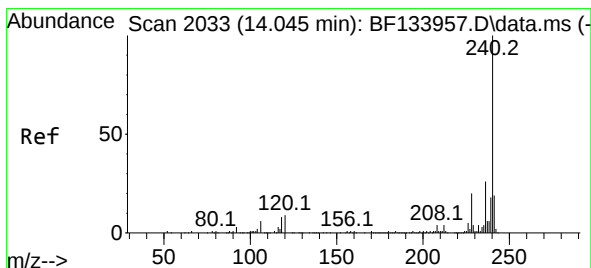
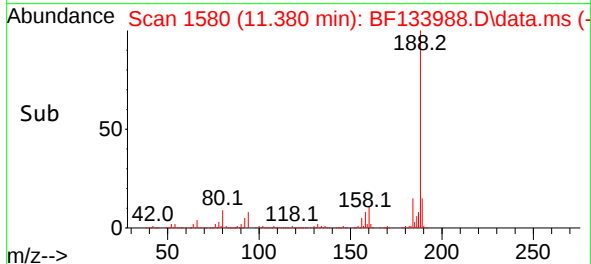
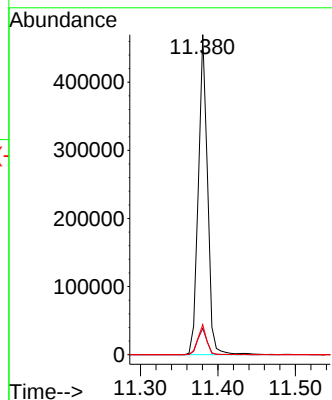
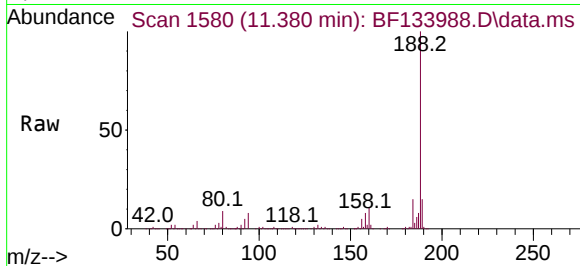




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133988.D
Acq: 27 Jun 2023 13:24

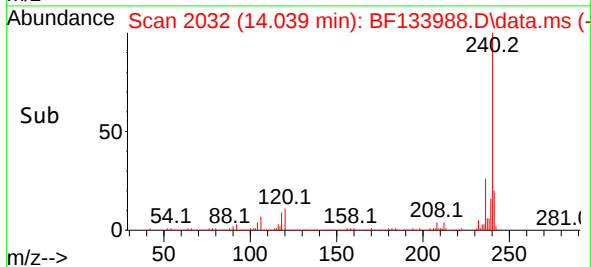
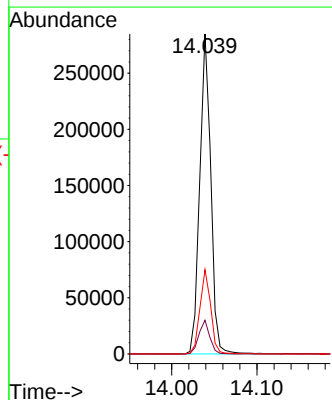
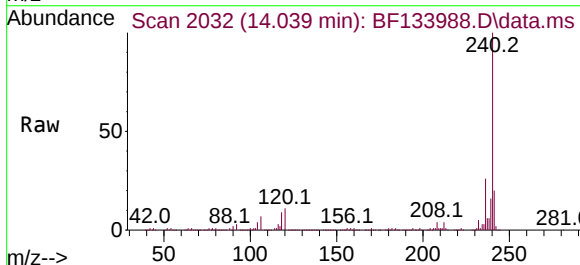
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BNA_F
ClientSampleId :
WC-15

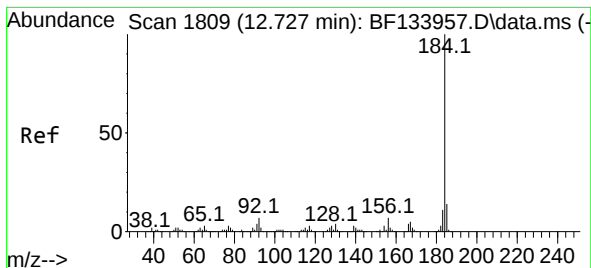
Tgt Ion:188 Resp: 386695
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 9.4 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF133988.D
Acq: 27 Jun 2023 13:24

Tgt Ion:240 Resp: 256415
Ion Ratio Lower Upper
240 100
120 10.6 7.4 11.0
236 26.3 21.0 31.6





#77

Benzidine

Concen: 27.067 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF133988.D

Acq: 27 Jun 2023 13:24

Instrument :

BNA_F

ClientSampleId :

WC-15

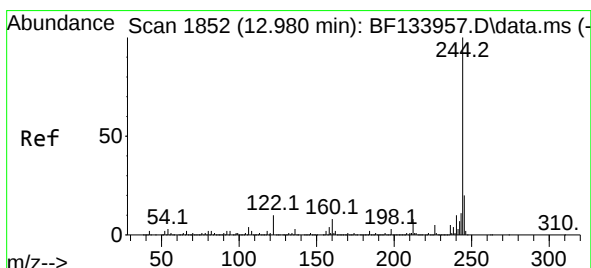
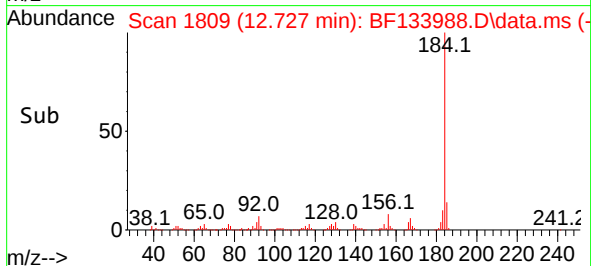
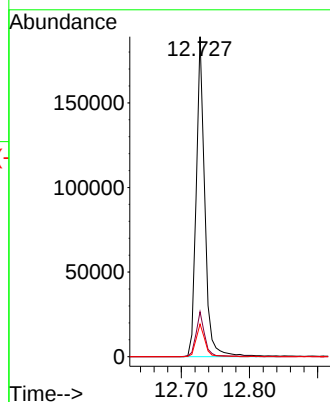
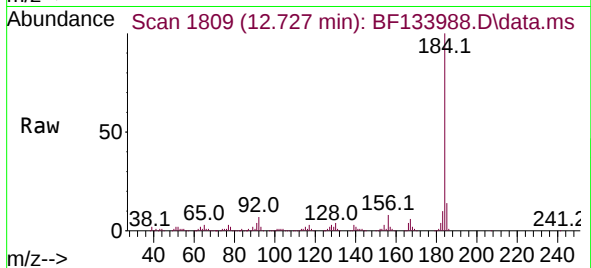
Tgt Ion:184 Resp: 165141

Ion Ratio Lower Upper

184 100

185 14.0 11.6 17.4

183 10.2 8.8 13.2



#79

Terphenyl-d14

Concen: 76.244 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF133988.D

Acq: 27 Jun 2023 13:24

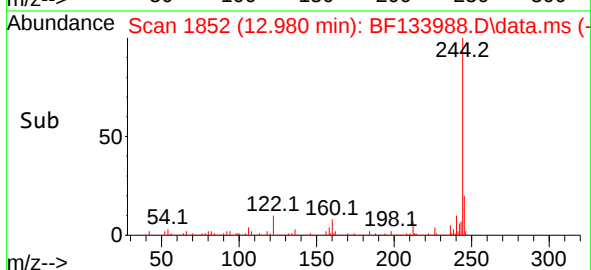
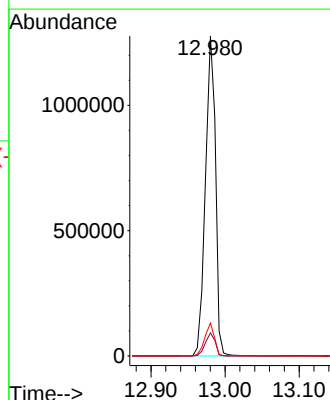
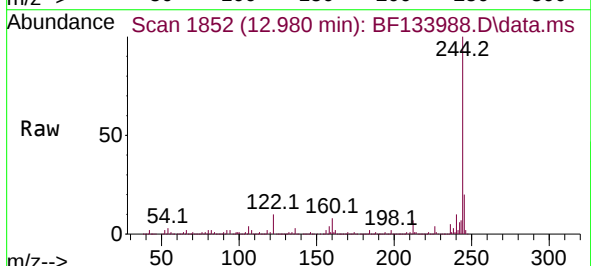
Tgt Ion:244 Resp: 1214726

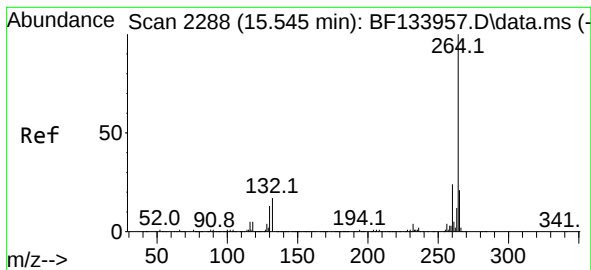
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 10.3 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: BF133988.D
 Acq: 27 Jun 2023 13:24

Instrument :
 BNA_F
 ClientSampleId :
 WC-15

Tgt Ion:264 Resp: 220449
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 20.8 16.6 25.0

