

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
 Data File : BF134010.D
 Acq On : 28 Jun 2023 03:14
 Operator : CG\JU
 Sample : 03357-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCAN-01

Quant Time: Jun 28 04:19:50 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)

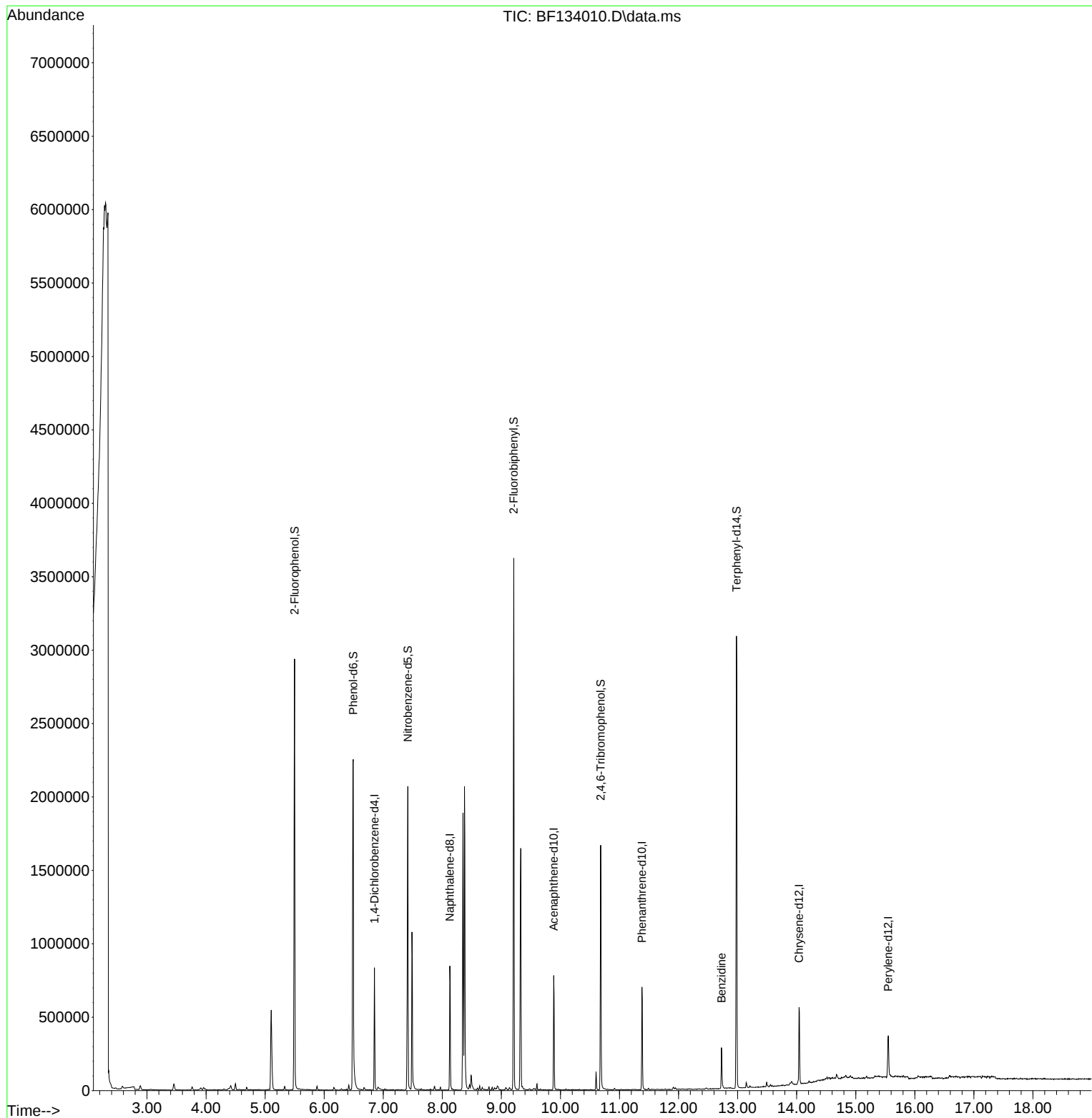
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	104679	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	361562	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	146872	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	265565	20.000	ng	0.00
76) Chrysene-d12	14.039	240	184711	20.000	ng	0.00
86) Perylene-d12	15.551	264	141863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	743140	118.754	ng	0.02
7) Phenol-d6	6.492	99	842183	109.433	ng	0.00
23) Nitrobenzene-d5	7.416	82	596572	88.943	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	196833	106.888	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	985292	97.535	ng	0.00
79) Terphenyl-d14	12.980	244	1118327	97.442	ng	0.00
Target Compounds						
77) Benzidine	12.727	184	107602	24.482	ng	Qvalue 98

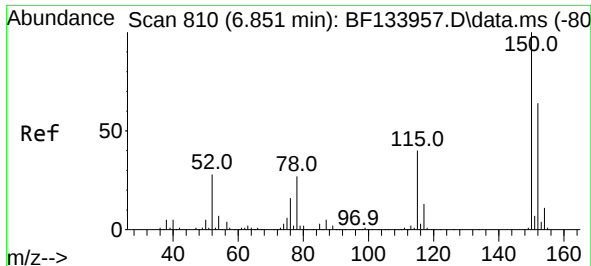
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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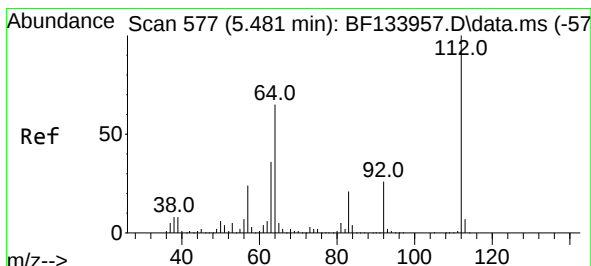
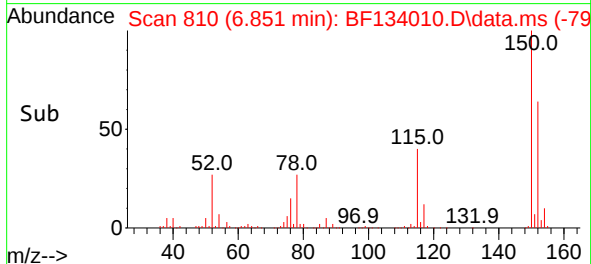
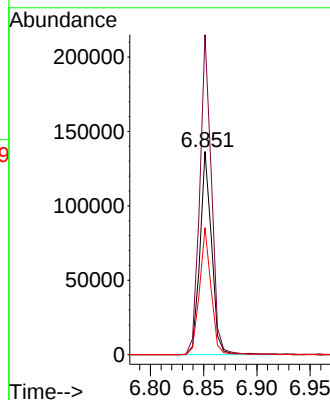
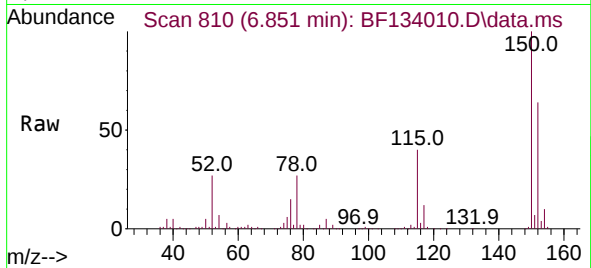




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF134010.D
Acq: 28 Jun 2023 03:14

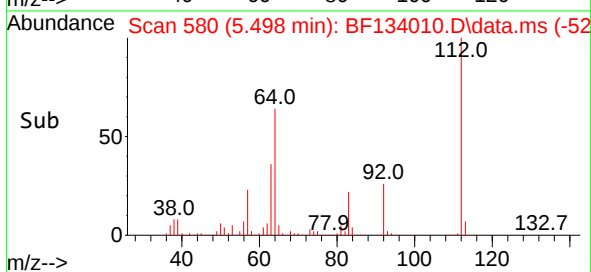
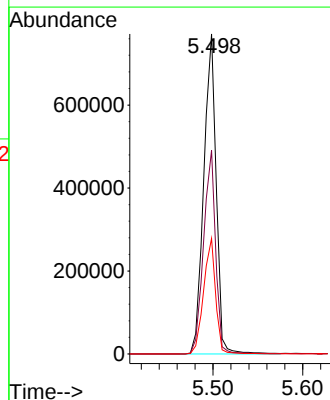
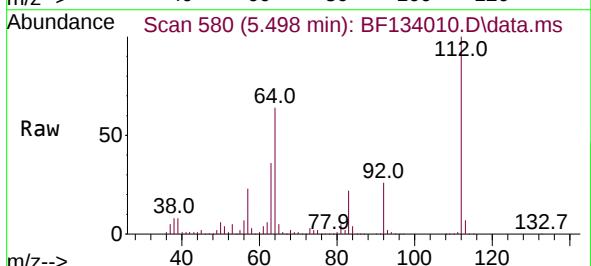
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01

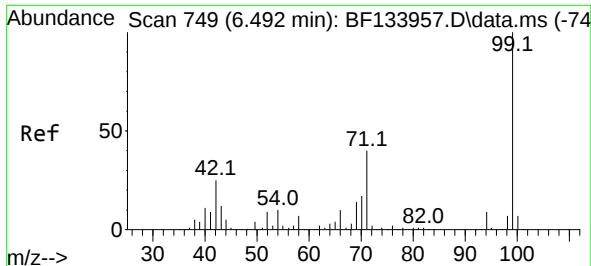
Tgt Ion:152 Resp: 104679
Ion Ratio Lower Upper
152 100
150 157.4 124.5 186.7
115 62.5 50.2 75.2



#5
2-Fluorophenol
Concen: 118.754 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF134010.D
Acq: 28 Jun 2023 03:14

Tgt Ion:112 Resp: 743140
Ion Ratio Lower Upper
112 100
64 63.7 52.1 78.1
63 36.1 28.6 42.8

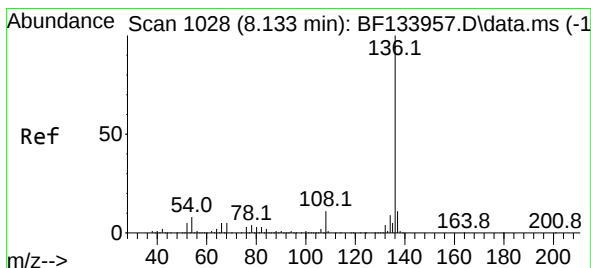
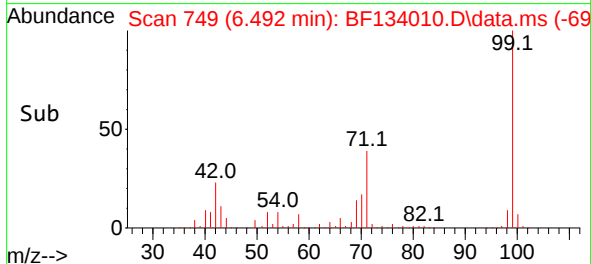
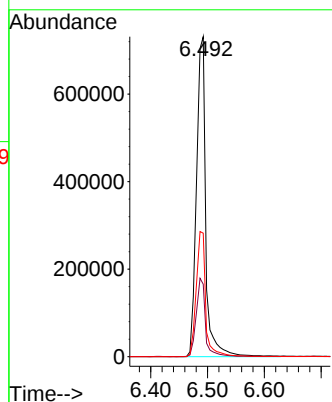
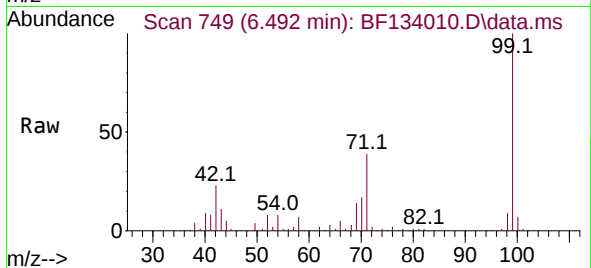




#7
Phenol-d6
Concen: 109.433 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134010.D
Acq: 28 Jun 2023 03:14

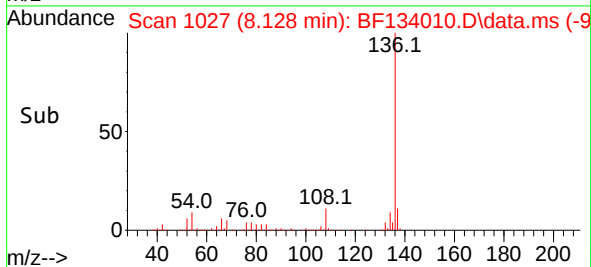
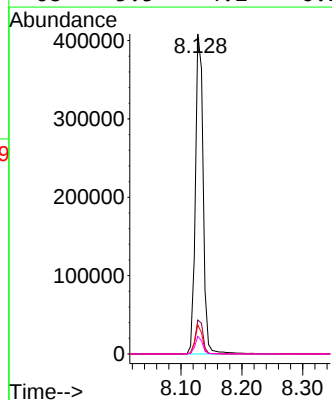
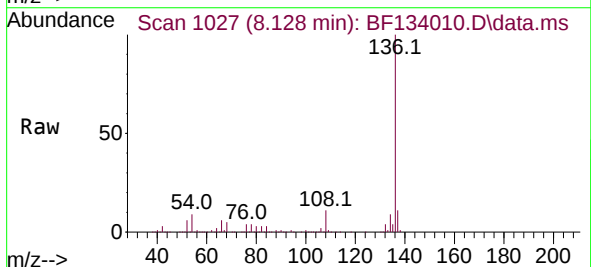
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01

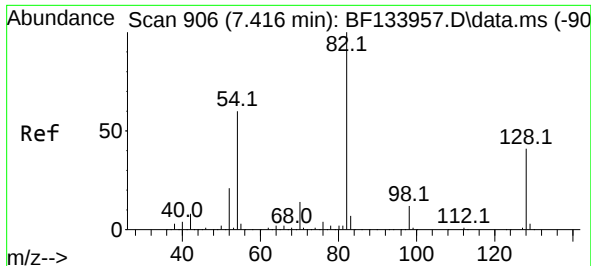
Tgt Ion: 99 Resp: 842183
Ion Ratio Lower Upper
99 100
42 22.7 19.8 29.6
71 38.6 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134010.D
Acq: 28 Jun 2023 03:14

Tgt Ion: 136 Resp: 361562
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.1 6.5 9.7
68 5.5 4.2 6.2

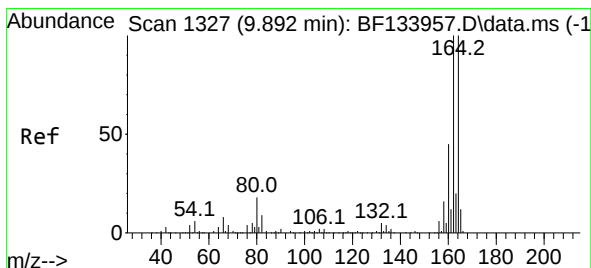
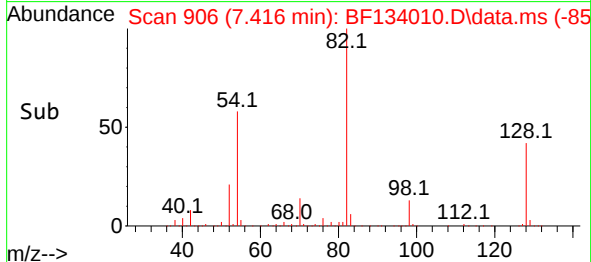
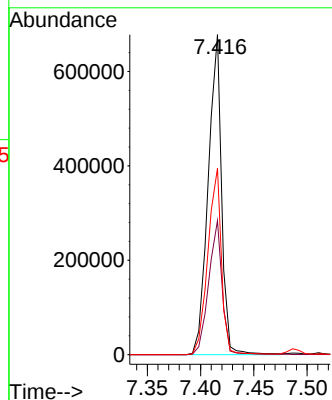
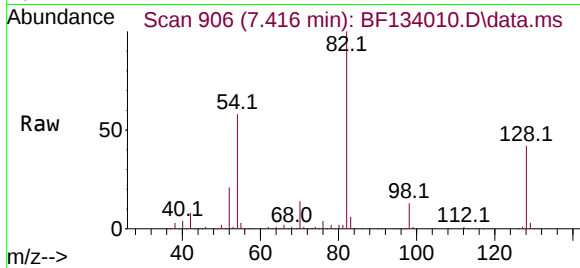




#23
Nitrobenzene-d5
Concen: 88.943 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF134010.D
Acq: 28 Jun 2023 03:14

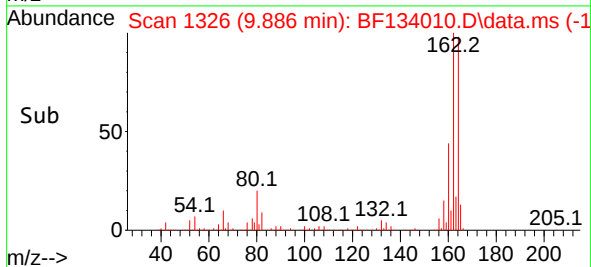
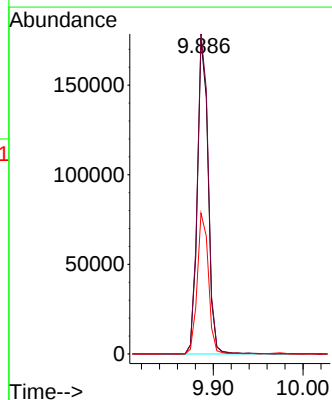
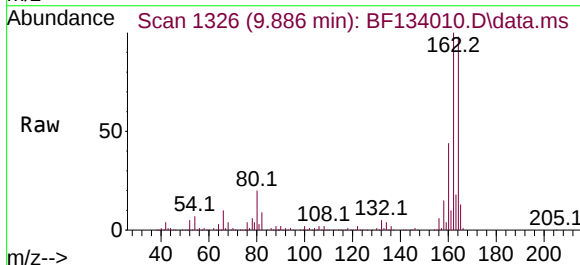
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01

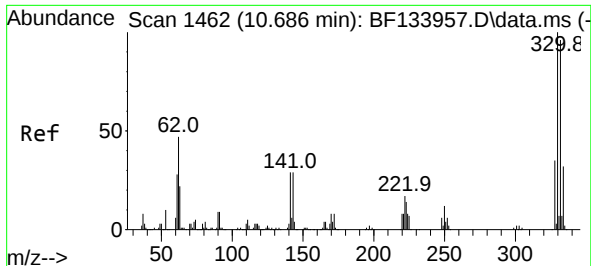
Tgt Ion: 82 Resp: 596572
Ion Ratio Lower Upper
82 100
128 41.9 32.5 48.7
54 58.3 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF134010.D
Acq: 28 Jun 2023 03:14

Tgt Ion:164 Resp: 146872
Ion Ratio Lower Upper
164 100
162 101.7 80.0 120.0
160 44.8 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 106.888 ng

RT: 10.680 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF134010.D

Acq: 28 Jun 2023 03:14

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-01

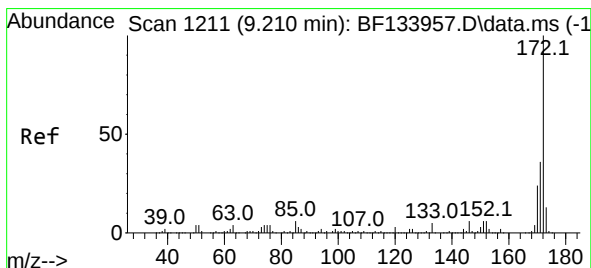
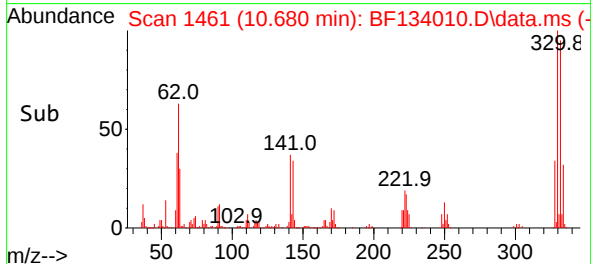
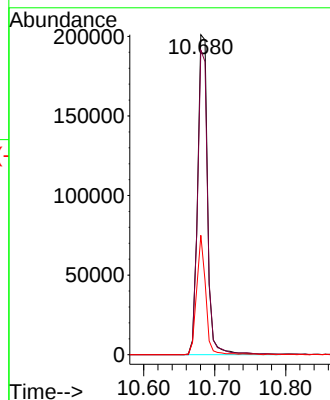
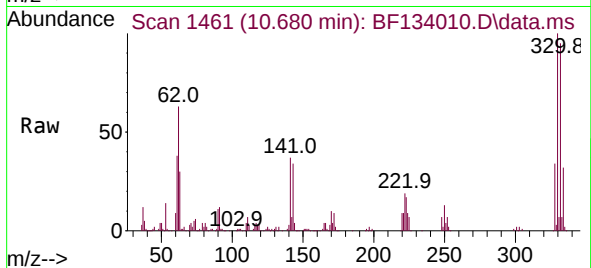
Tgt Ion:330 Resp: 196833

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

141 33.8 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 97.535 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.000 min

Lab File: BF134010.D

Acq: 28 Jun 2023 03:14

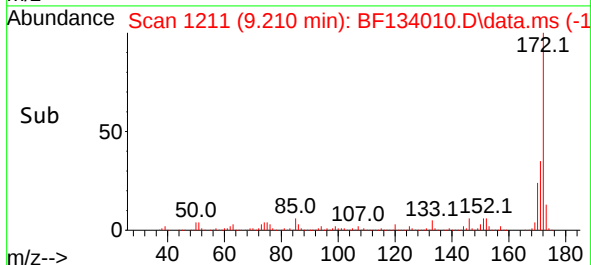
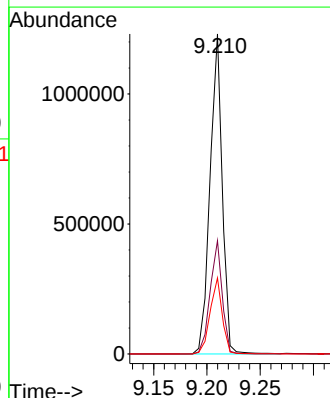
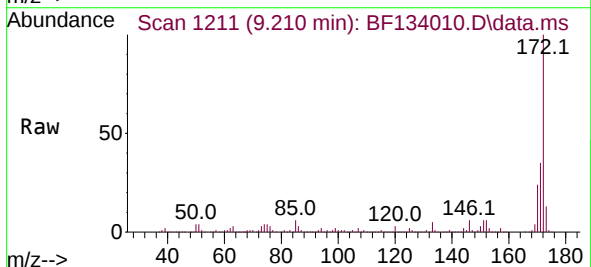
Tgt Ion:172 Resp: 985292

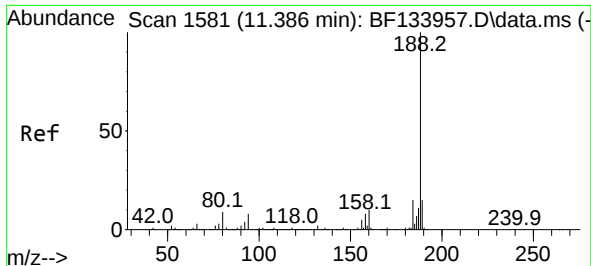
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.8 19.4 29.0

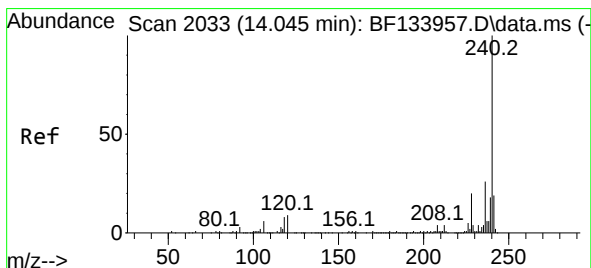
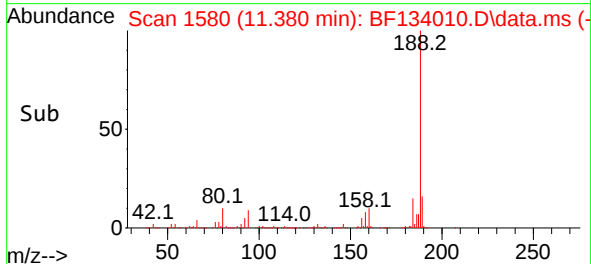
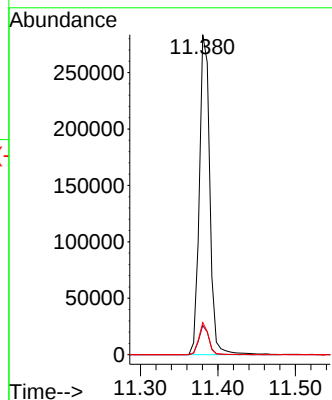
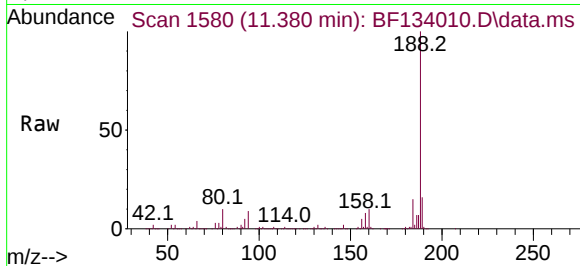




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134010.D
Acq: 28 Jun 2023 03:14

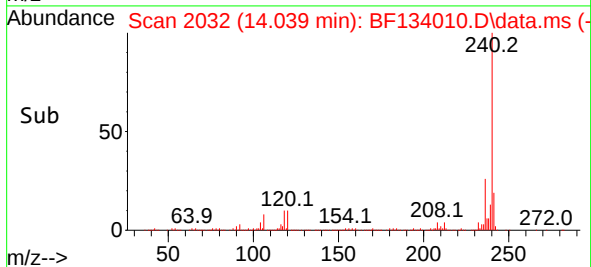
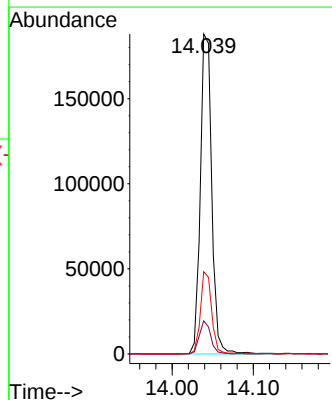
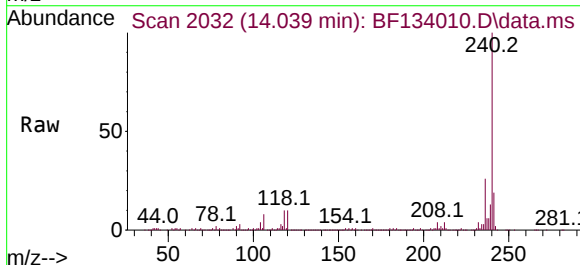
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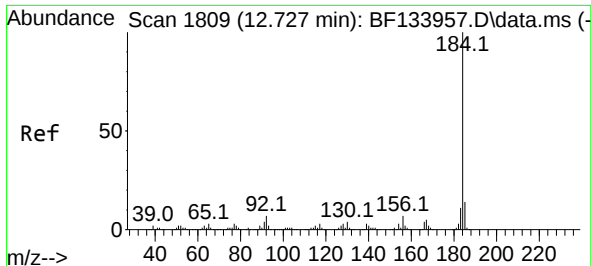
Tgt Ion:188 Resp: 265565
Ion Ratio Lower Upper
188 100
94 9.1 6.4 9.6
80 10.0 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF134010.D
Acq: 28 Jun 2023 03:14

Tgt Ion:240 Resp: 184711
Ion Ratio Lower Upper
240 100
120 10.3 7.4 11.0
236 25.7 21.0 31.6

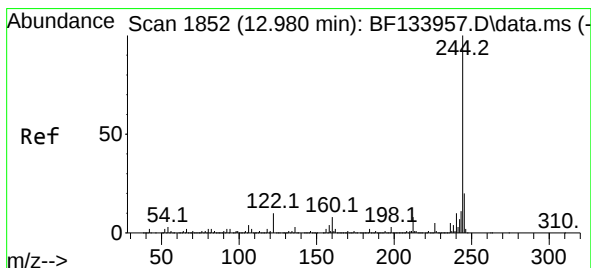
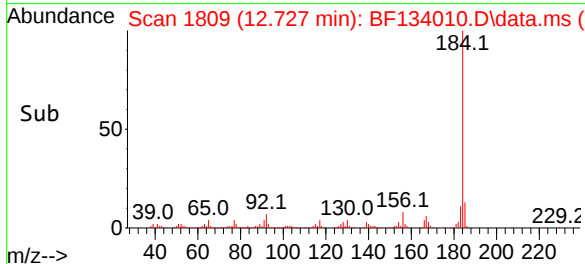
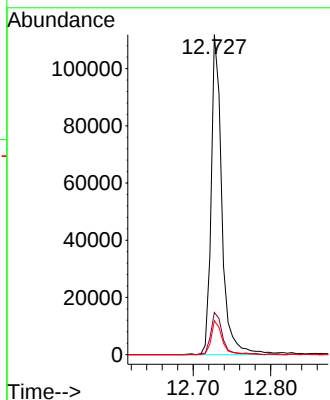
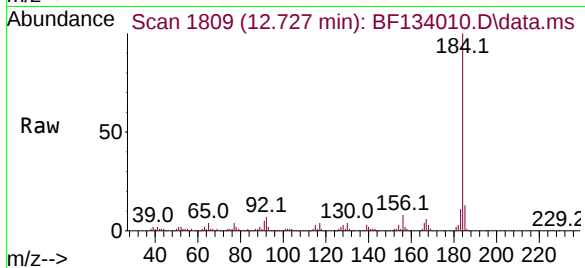




#77
Benzidine
Concen: 24.482 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF134010.D
Acq: 28 Jun 2023 03:14

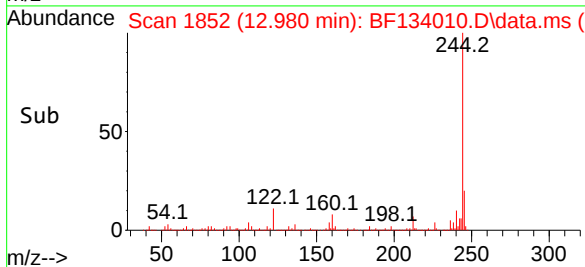
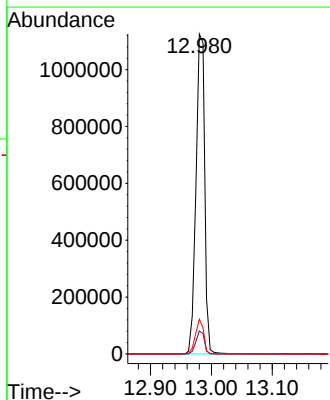
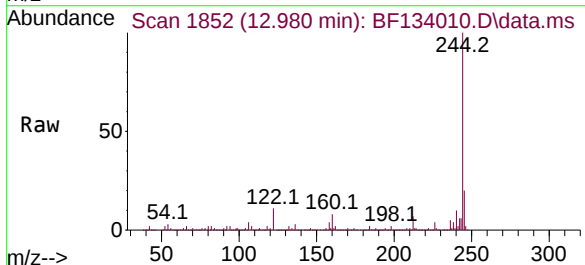
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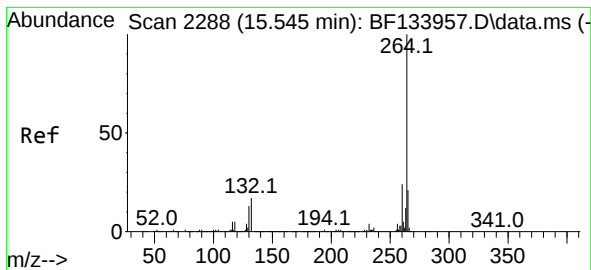
Tgt Ion:184 Resp: 107602
Ion Ratio Lower Upper
184 100
185 13.2 11.6 17.4
183 10.6 8.8 13.2



#79
Terphenyl-d14
Concen: 97.442 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF134010.D
Acq: 28 Jun 2023 03:14

Tgt Ion:244 Resp: 1118327
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 10.8 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF134010.D
 Acq: 28 Jun 2023 03:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCAN-01

Tgt Ion:264 Resp: 141863
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.5 29.3
 265 22.0 16.6 25.0

