

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
 Data File : BF134011.D
 Acq On : 28 Jun 2023 03:45
 Operator : CG\JU
 Sample : 03357-17
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCAN-04

Quant Time: Jun 28 04:20:03 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)

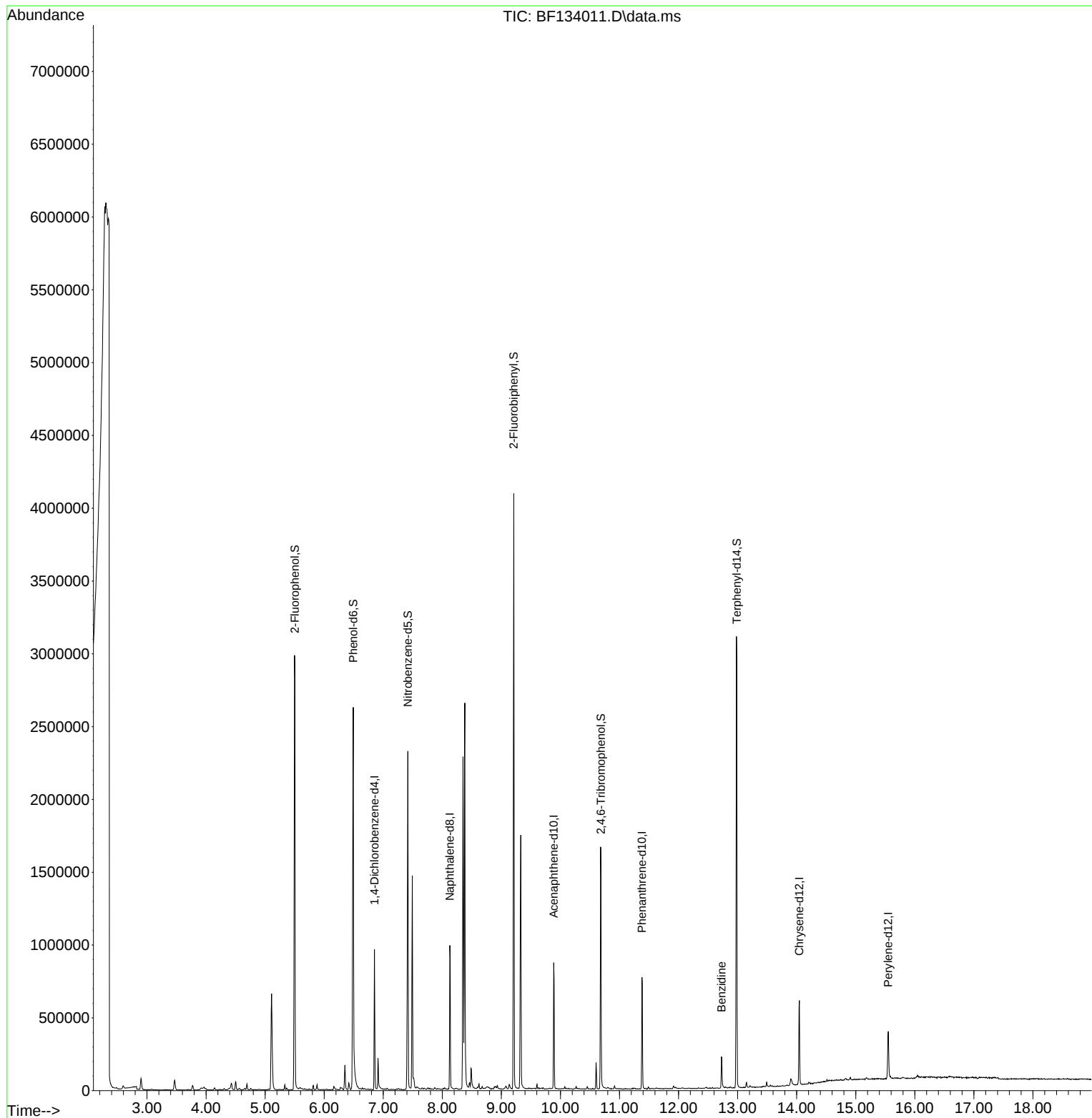
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	122695	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	418280	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	169478	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	296405	20.000	ng	0.00
76) Chrysene-d12	14.045	240	201322	20.000	ng	0.00
86) Perylene-d12	15.551	264	156736	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	854430	116.489	ng	0.02
7) Phenol-d6	6.492	99	950530	105.375	ng	0.00
23) Nitrobenzene-d5	7.416	82	691101	89.065	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	207130	97.477	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1112143	95.407	ng	0.00
79) Terphenyl-d14	12.986	244	1158627	92.624	ng	0.00
Target Compounds						
77) Benzidine	12.727	184	93348	19.487	ng	Qvalue 99

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

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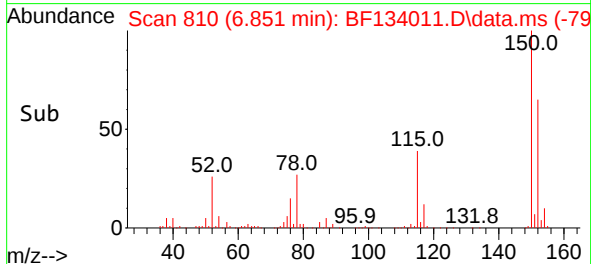
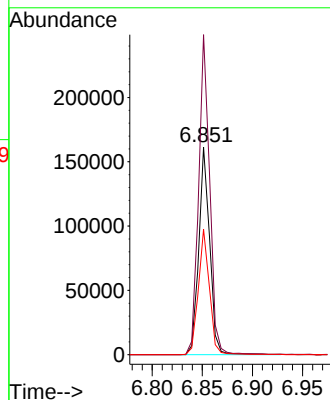
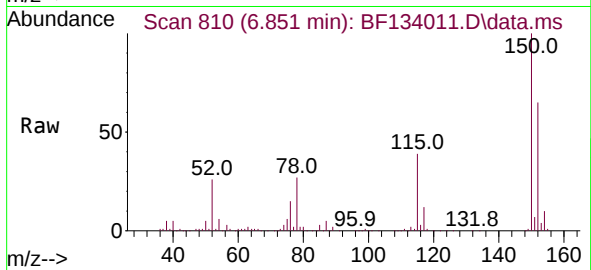




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF134011.D
Acq: 28 Jun 2023 03:45

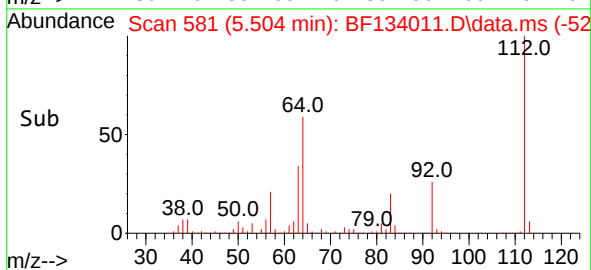
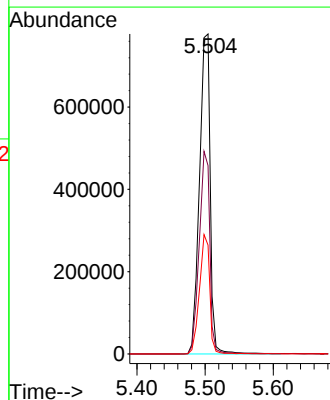
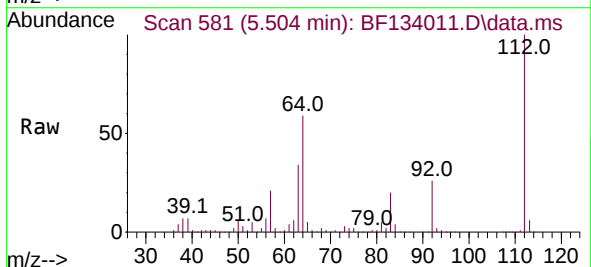
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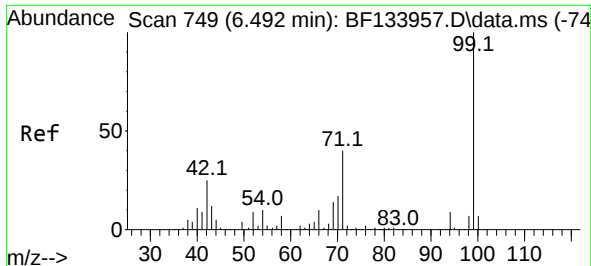
Tgt Ion:152 Resp: 122695
Ion Ratio Lower Upper
152 100
150 154.2 124.5 186.7
115 60.4 50.2 75.2



#5
2-Fluorophenol
Concen: 116.489 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.024 min
Lab File: BF134011.D
Acq: 28 Jun 2023 03:45

Tgt Ion:112 Resp: 854430
Ion Ratio Lower Upper
112 100
64 58.8 52.1 78.1
63 34.0 28.6 42.8

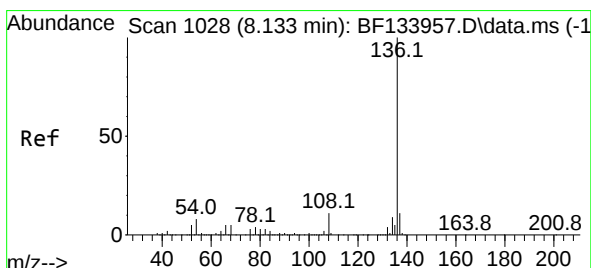
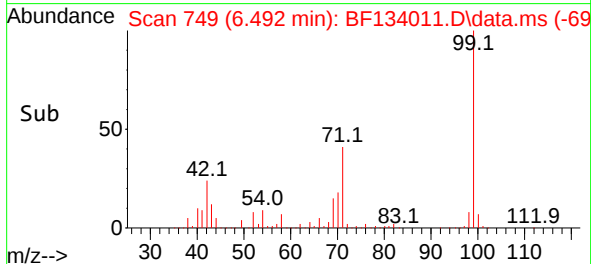
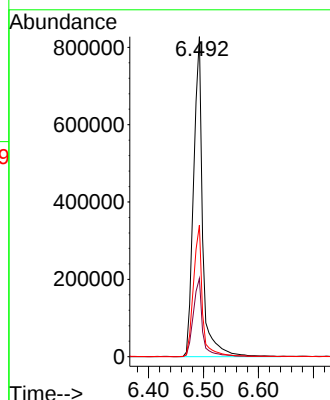
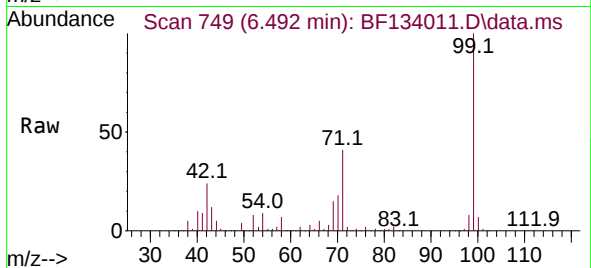




#7
Phenol-d6
Concen: 105.375 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134011.D
Acq: 28 Jun 2023 03:45

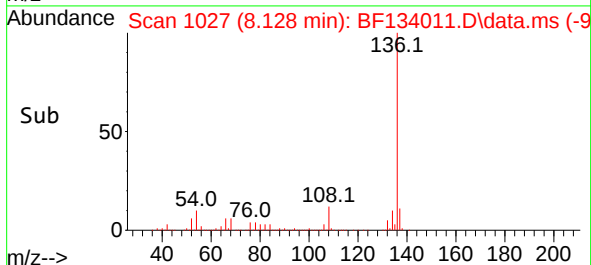
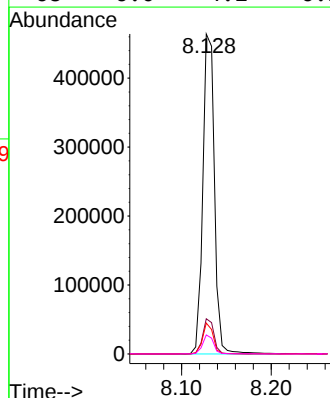
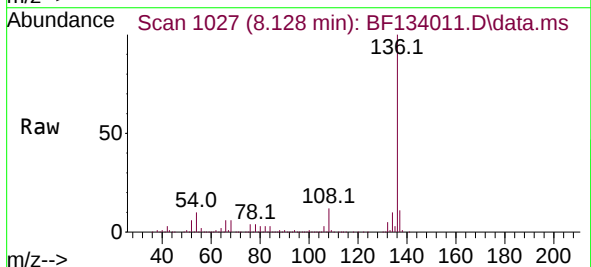
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-04

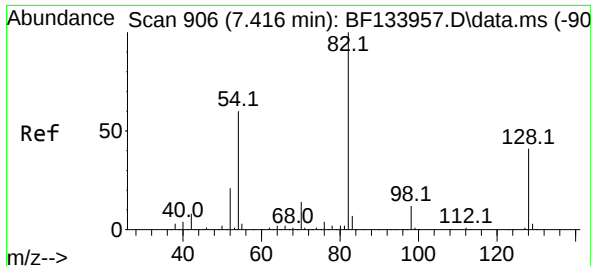
Tgt Ion: 99 Resp: 950530
Ion Ratio Lower Upper
99 100
42 24.4 19.8 29.6
71 41.1 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134011.D
Acq: 28 Jun 2023 03:45

Tgt Ion: 136 Resp: 418280
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.6 6.5 9.7
68 6.0 4.2 6.2





#23

Nitrobenzene-d5

Concen: 89.065 ng

RT: 7.416 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF134011.D

Acq: 28 Jun 2023 03:45

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-04

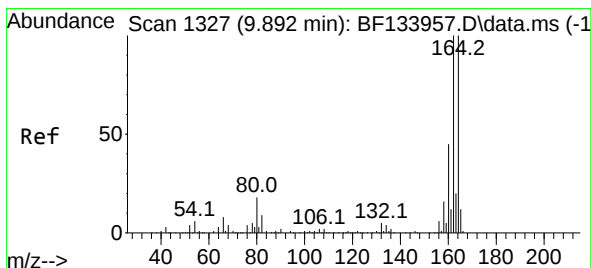
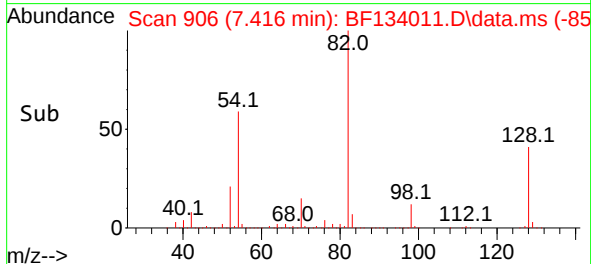
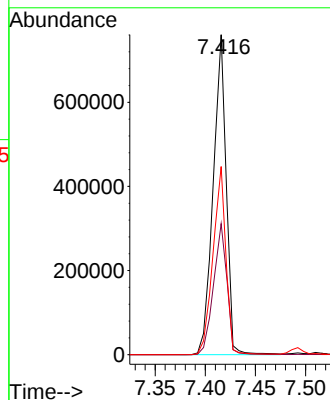
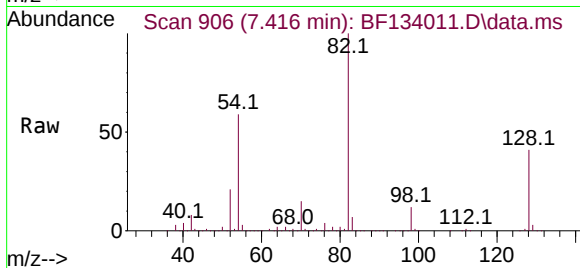
Tgt Ion: 82 Resp: 691101

Ion Ratio Lower Upper

82 100

128 41.0 32.5 48.7

54 58.8 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: BF134011.D

Acq: 28 Jun 2023 03:45

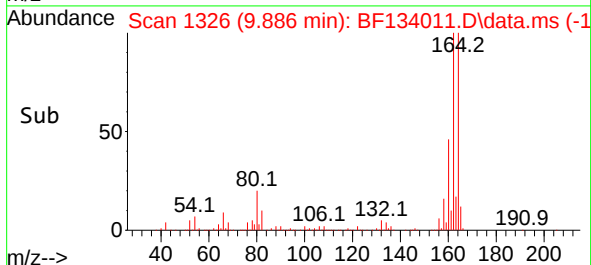
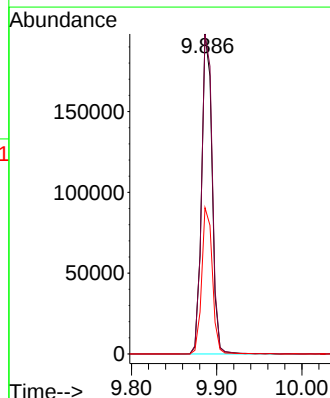
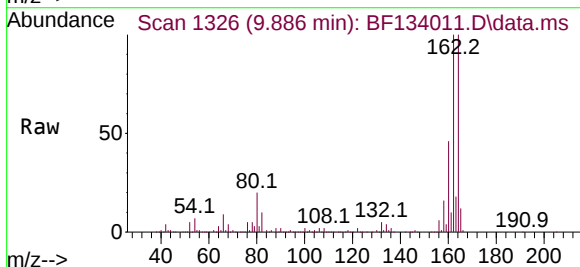
Tgt Ion:164 Resp: 169478

Ion Ratio Lower Upper

164 100

162 99.8 80.0 120.0

160 45.7 35.9 53.9

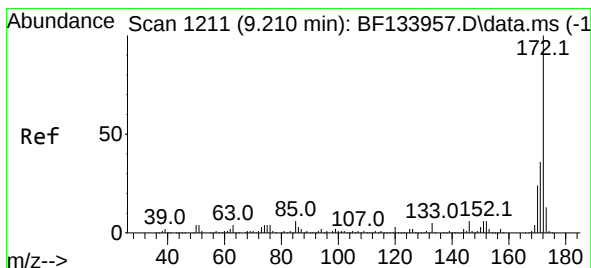
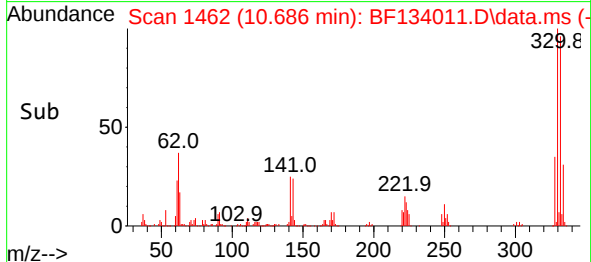
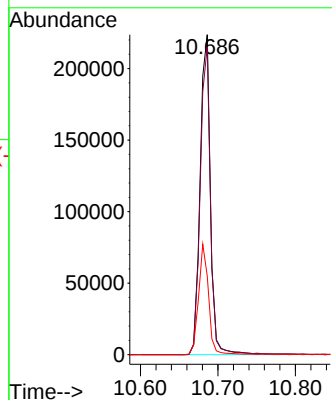
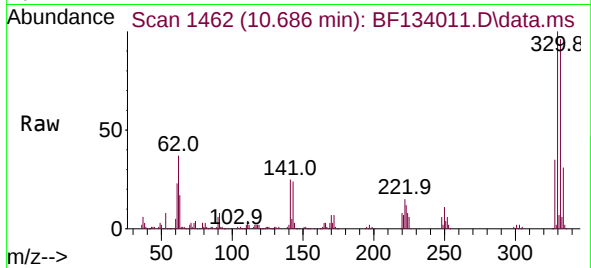




#42
2,4,6-Tribromophenol
Concen: 97.477 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF134011.D
Acq: 28 Jun 2023 03:45

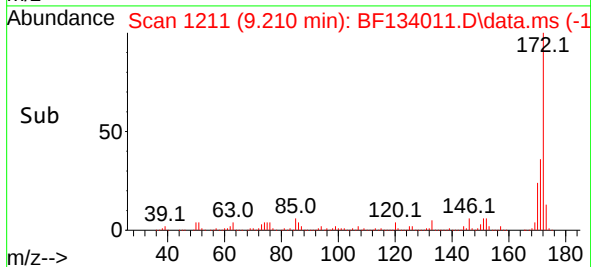
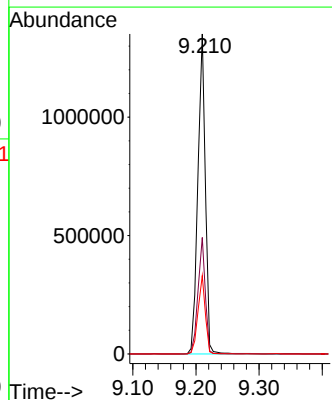
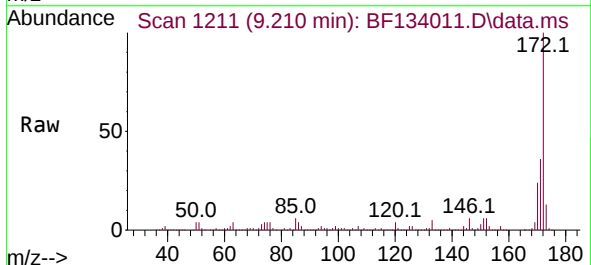
Instrument :
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Tgt Ion:330 Resp: 207130
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 33.4 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 95.407 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF134011.D
Acq: 28 Jun 2023 03:45

Tgt Ion:172 Resp: 1112143
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.4 19.4 29.0

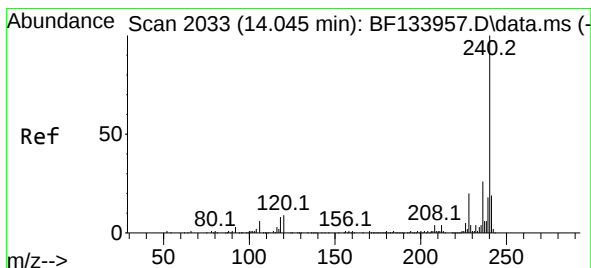
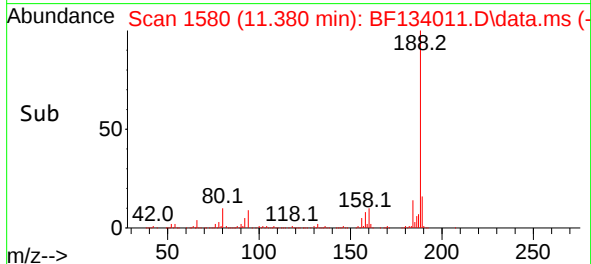
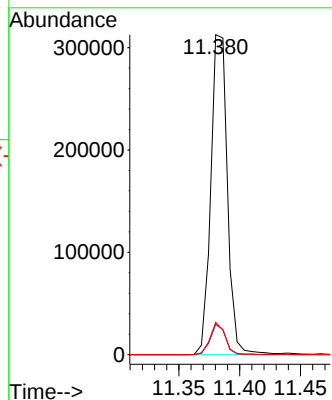
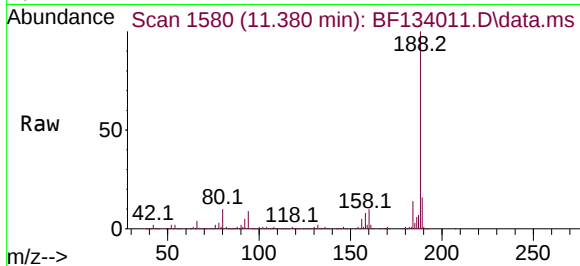




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134011.D
Acq: 28 Jun 2023 03:45

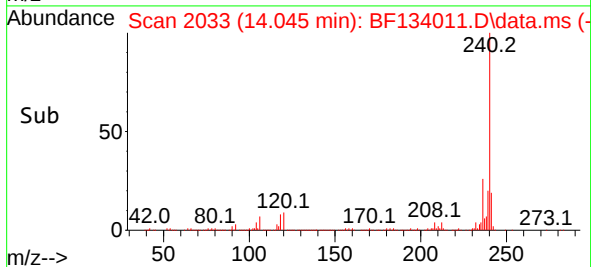
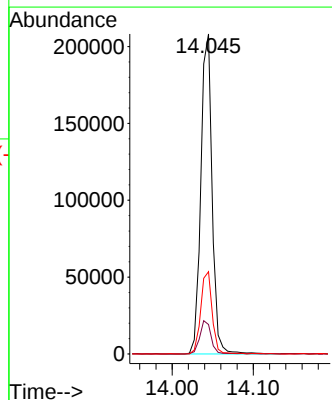
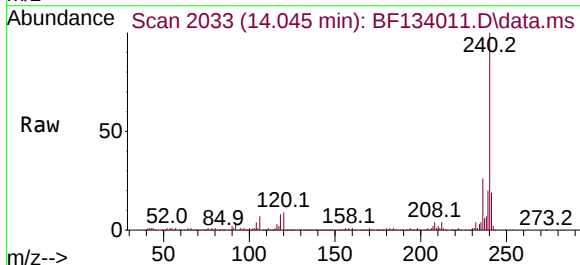
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-04

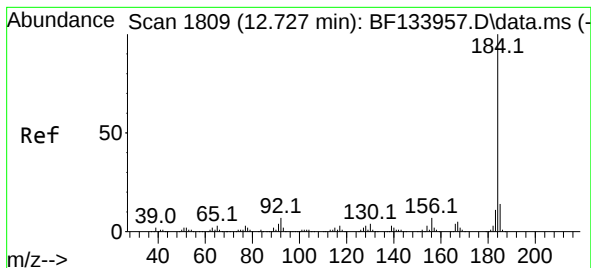
Tgt Ion:188 Resp: 296405
Ion Ratio Lower Upper
188 100
94 9.5 6.4 9.6
80 10.1 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF134011.D
Acq: 28 Jun 2023 03:45

Tgt Ion:240 Resp: 201322
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 25.7 21.0 31.6





#77

Benzidine

Concen: 19.487 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF134011.D

Acq: 28 Jun 2023 03:45

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-04

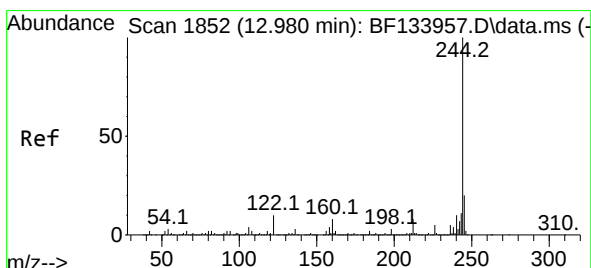
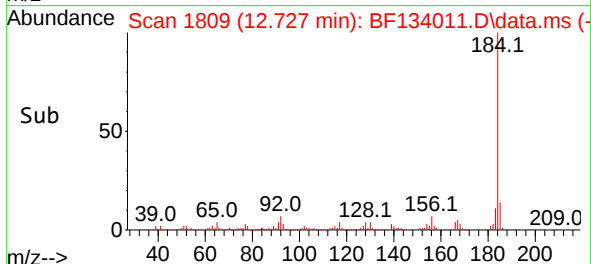
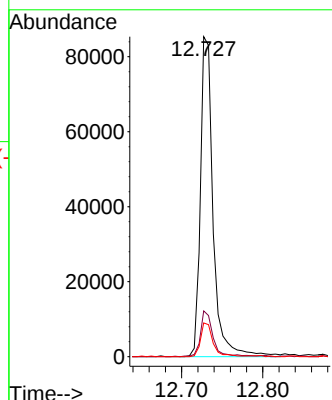
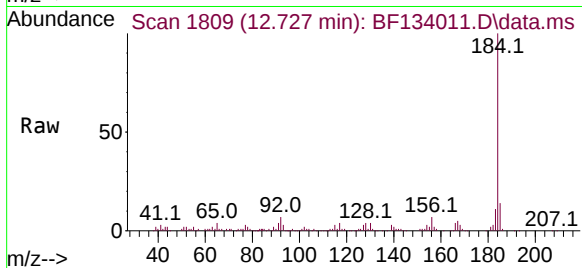
Tgt Ion:184 Resp: 93348

Ion Ratio Lower Upper

184 100

185 14.3 11.6 17.4

183 10.6 8.8 13.2



#79

Terphenyl-d14

Concen: 92.624 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.006 min

Lab File: BF134011.D

Acq: 28 Jun 2023 03:45

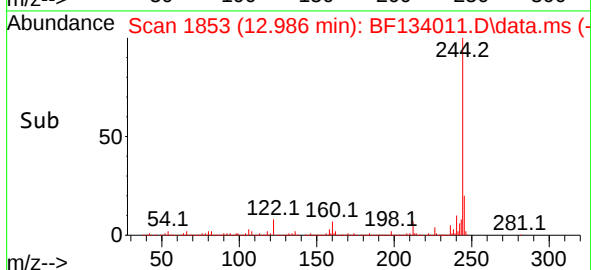
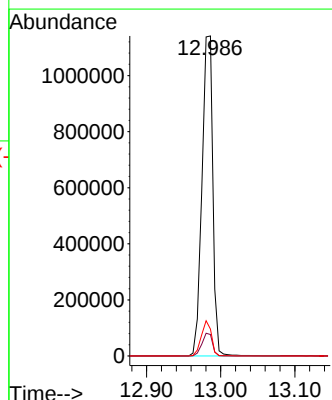
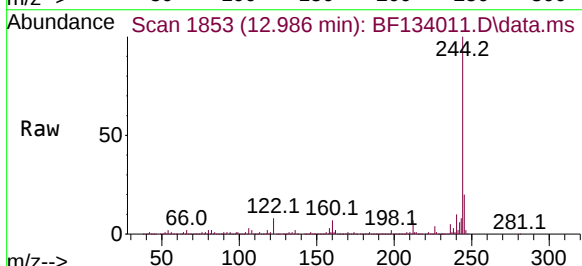
Tgt Ion:244 Resp: 1158627

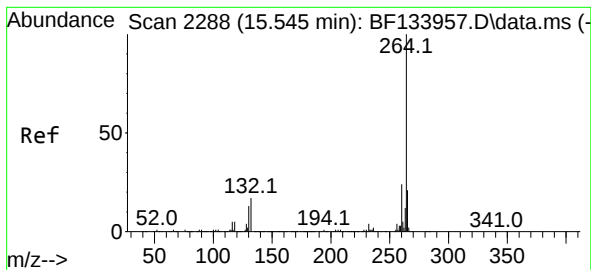
Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

122 8.4 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: BF134011.D
Acq: 28 Jun 2023 03:45

Instrument :
BNA_F
ClientSampleId :
WC-SCAN-04

Tgt Ion:264 Resp: 156736

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.1	16.6	25.0

