

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
 Data File : BF133850.D
 Acq On : 20 Jun 2023 11:48
 Operator : CG\JU
 Sample : 03282-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-NEX-002

Quant Time: Jun 20 12:46:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 19 16:00:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	92220	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	350253	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	166237	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	269426	20.000	ng	0.00
76) Chrysene-d12	14.045	240	174111	20.000	ng	0.00
86) Perylene-d12	15.551	264	212427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	342325	64.623	ng	0.00
7) Phenol-d6	6.492	99	412407	59.810	ng	0.00
23) Nitrobenzene-d5	7.416	82	281050	43.705	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	85725	40.739	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	352340	30.129	ng	-0.01
79) Terphenyl-d14	12.980	244	227337	20.204	ng	0.00

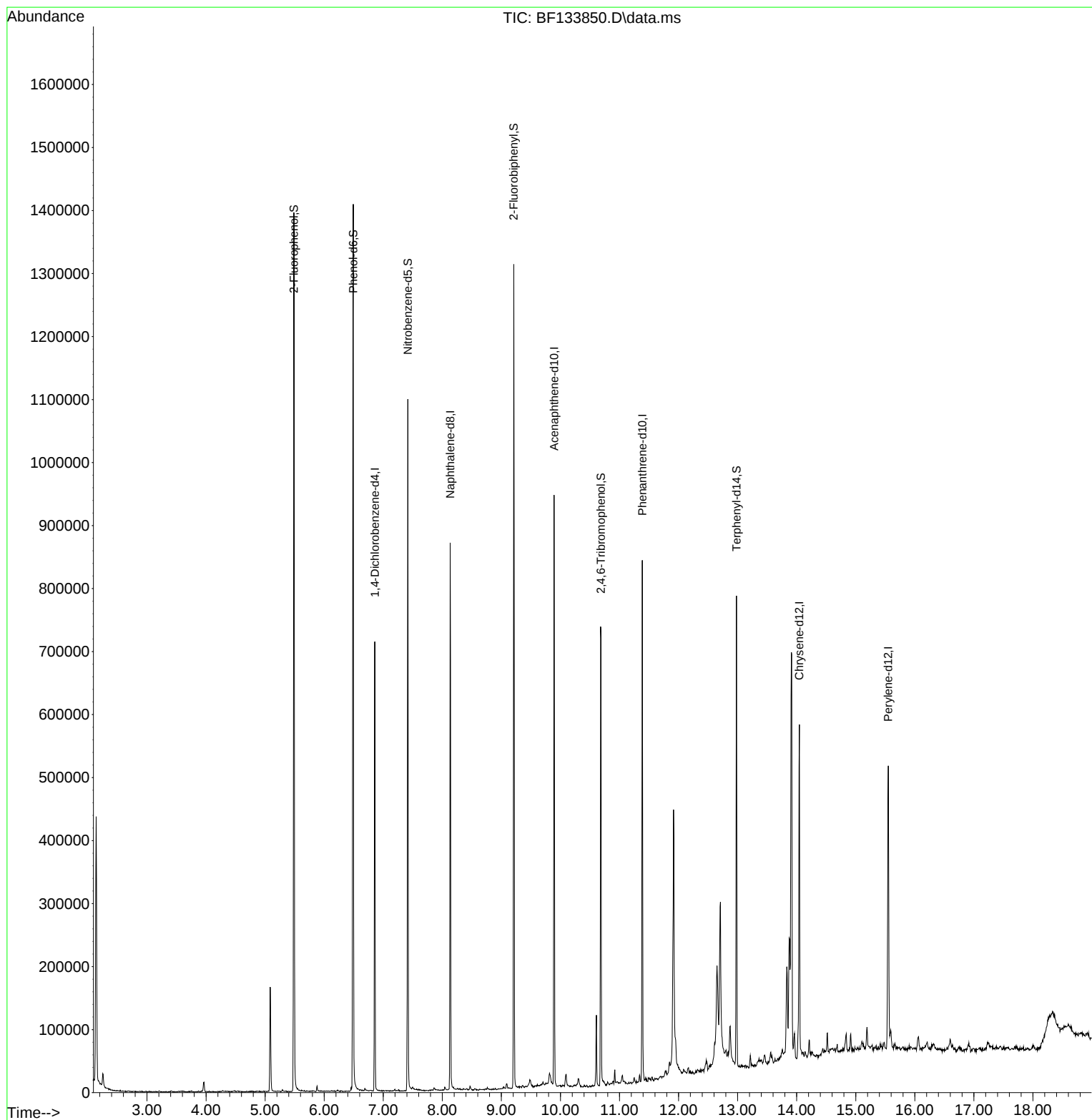
Target Compounds	Qvalue

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

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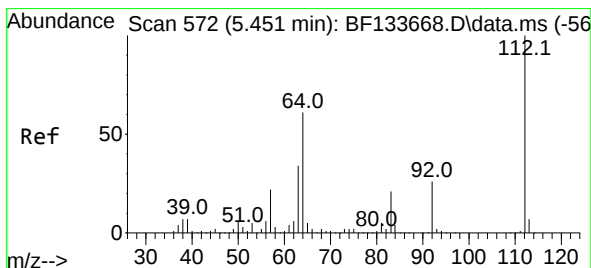
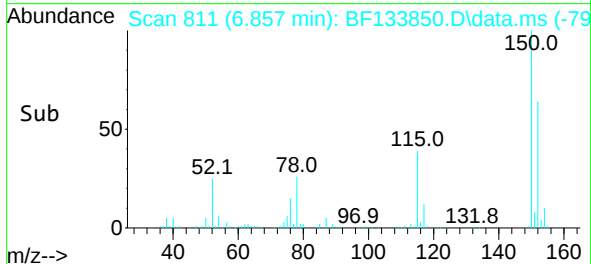
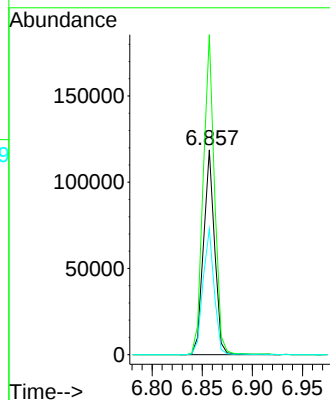
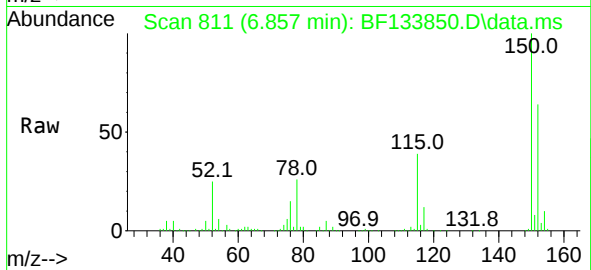




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133850.D
Acq: 20 Jun 2023 11:48

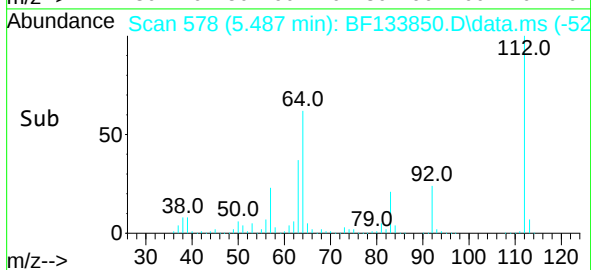
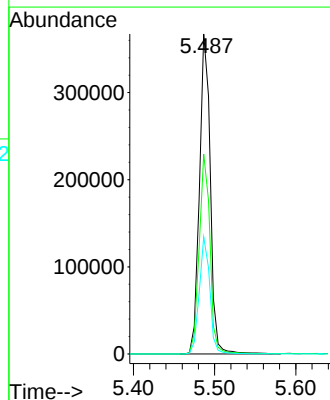
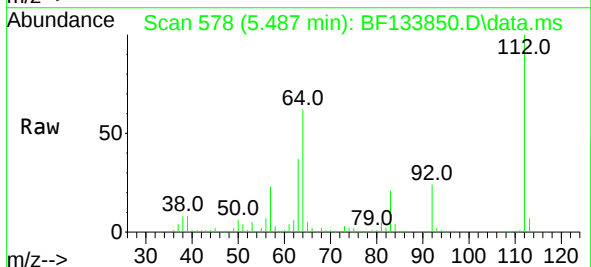
Instrument :
BNA_F
ClientSampleId :
WC-NEX-002

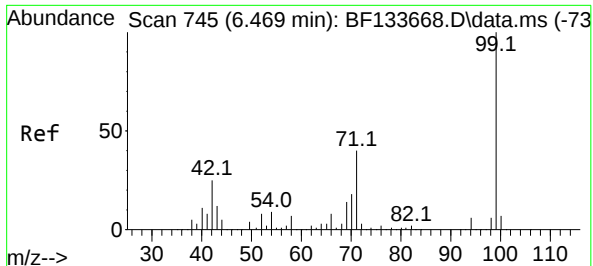
Tgt Ion:152 Resp: 92220
Ion Ratio Lower Upper
152 100
150 156.2 124.3 186.5
115 61.3 48.5 72.7



#5
2-Fluorophenol
Concen: 64.623 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF133850.D
Acq: 20 Jun 2023 11:48

Tgt Ion:112 Resp: 342325
Ion Ratio Lower Upper
112 100
64 62.5 49.0 73.4
63 36.6 26.8 40.2

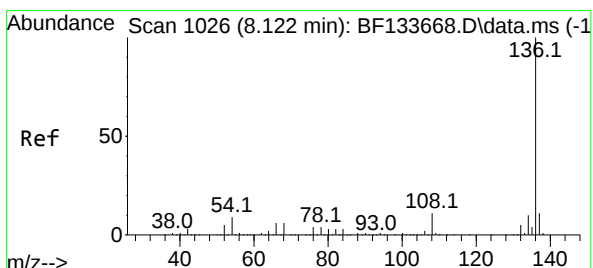
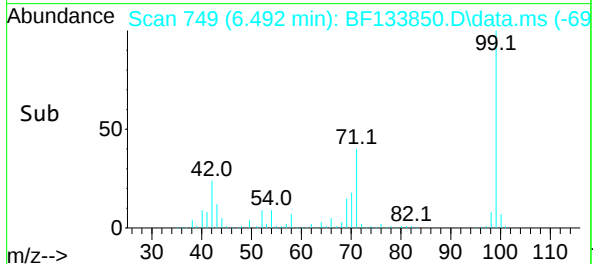
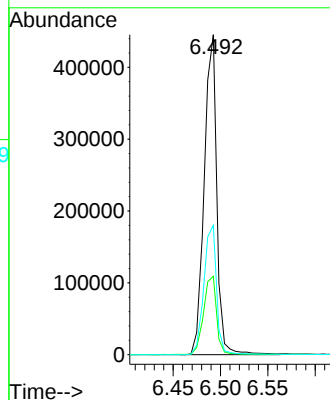
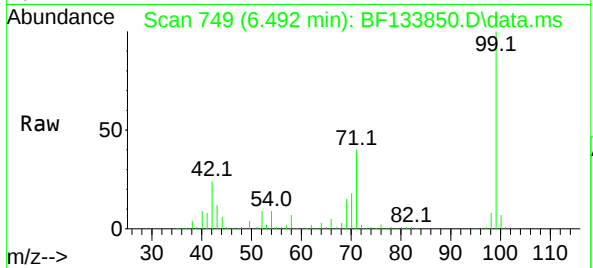




#7
Phenol-d6
Concen: 59.810 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133850.D
Acq: 20 Jun 2023 11:48

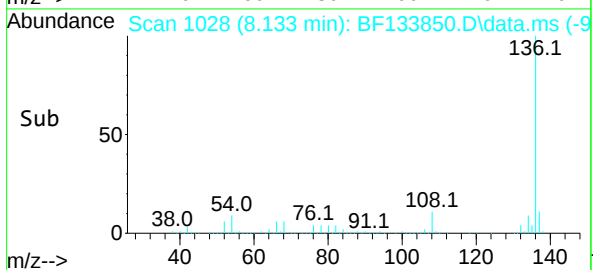
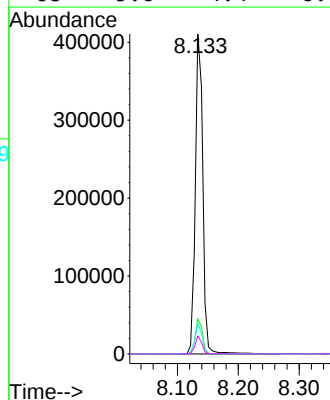
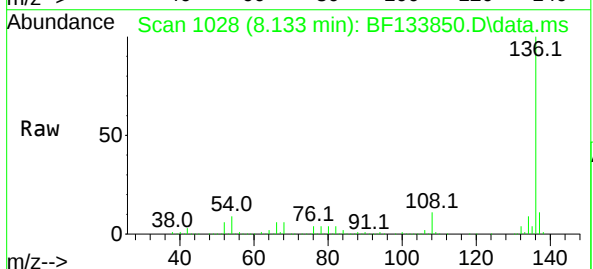
Instrument :
BNA_F
ClientSampleId :
WC-NEX-002

Tgt Ion: 99 Resp: 412407
Ion Ratio Lower Upper
99 100
42 24.5 19.9 29.9
71 40.4 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF133850.D
Acq: 20 Jun 2023 11:48

Tgt Ion: 136 Resp: 350253
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.4 7.4 11.0
68 5.6 4.4 6.6





#23

Nitrobenzene-d5

Concen: 43.705 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133850.D

Acq: 20 Jun 2023 11:48

Instrument :

BNA_F

ClientSampleId :

WC-NEX-002

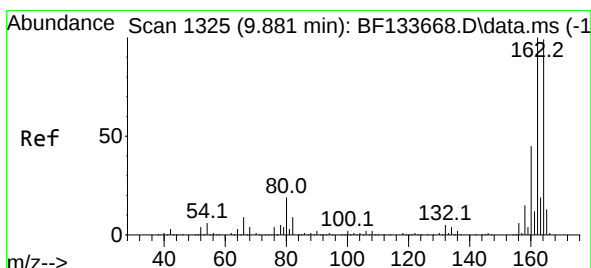
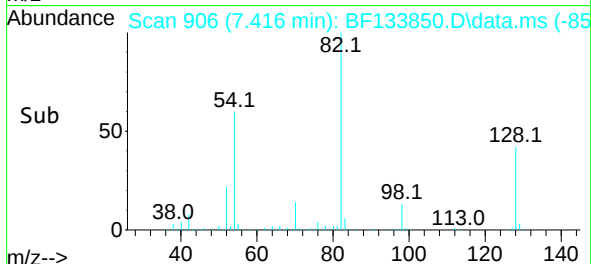
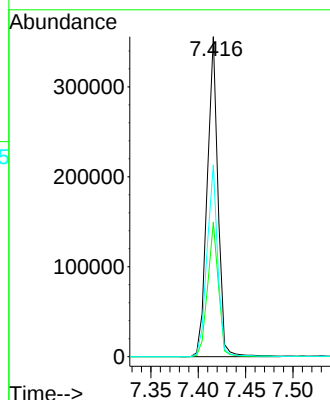
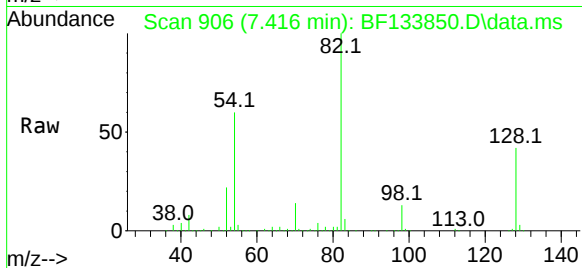
Tgt Ion: 82 Resp: 281050

Ion Ratio Lower Upper

82 100

128 42.1 34.2 51.2

54 60.0 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF133850.D

Acq: 20 Jun 2023 11:48

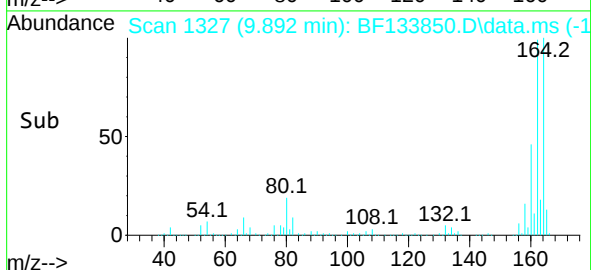
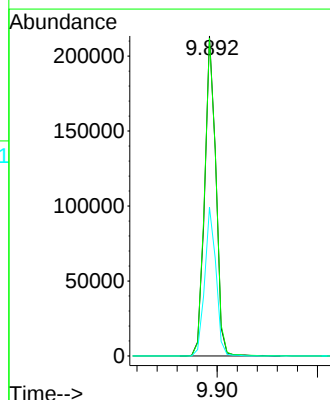
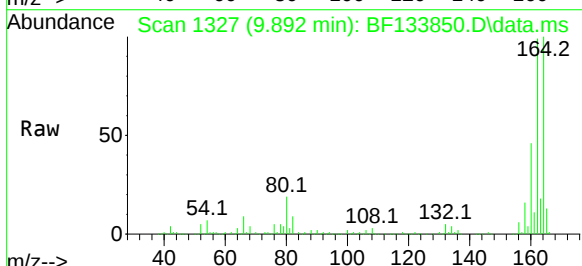
Tgt Ion:164 Resp: 166237

Ion Ratio Lower Upper

164 100

162 99.3 80.8 121.2

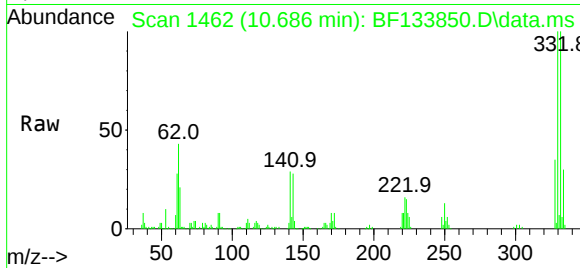
160 46.4 36.7 55.1



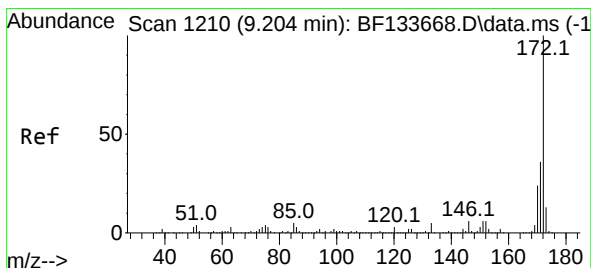
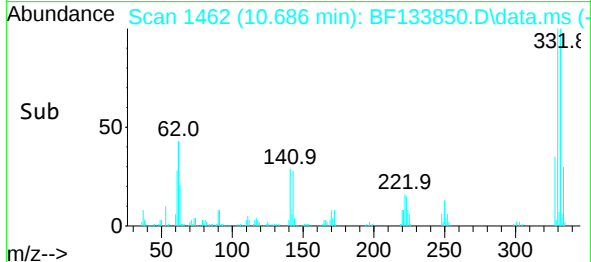
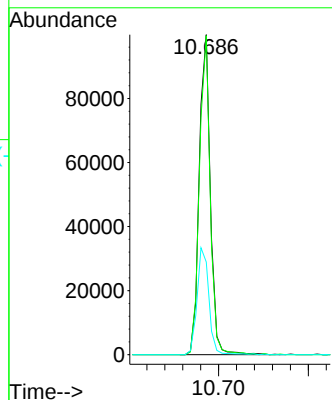


#42
2,4,6-Tribromophenol
Concen: 40.739 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF133850.D
Acq: 20 Jun 2023 11:48

Instrument :
BNA_F
ClientSampleId :
WC-NEX-002

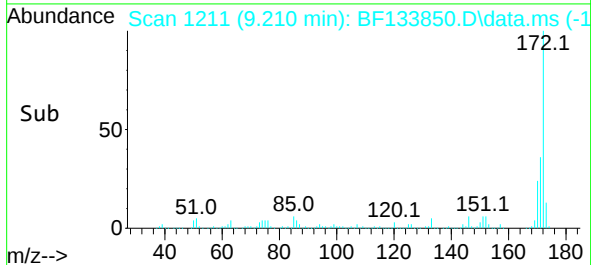
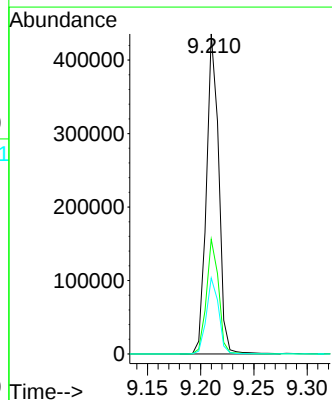
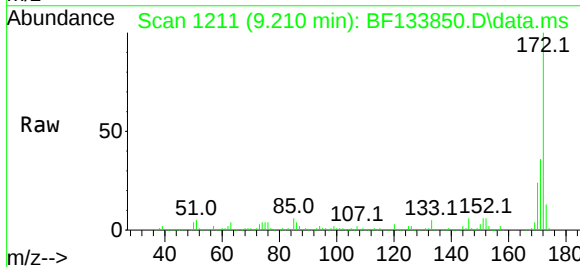


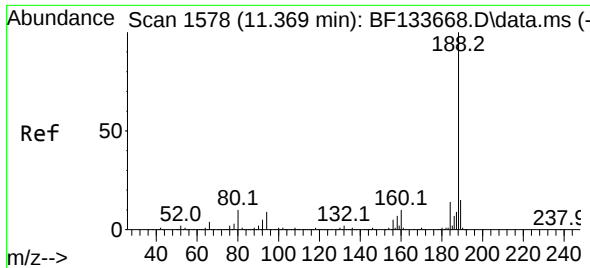
Tgt Ion: 330 Resp: 85725
Ion Ratio Lower Upper
330 100
332 97.1 77.2 115.8
141 35.6 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 30.129 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF133850.D
Acq: 20 Jun 2023 11:48

Tgt Ion: 172 Resp: 352340
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.8 19.1 28.7

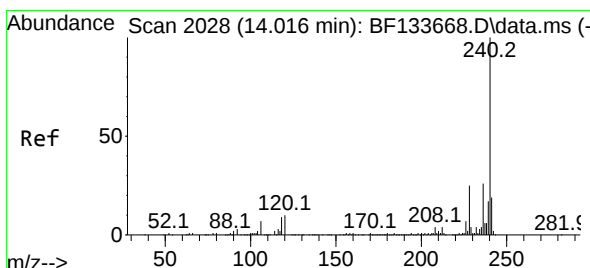
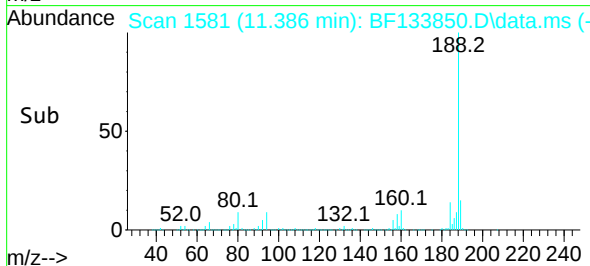
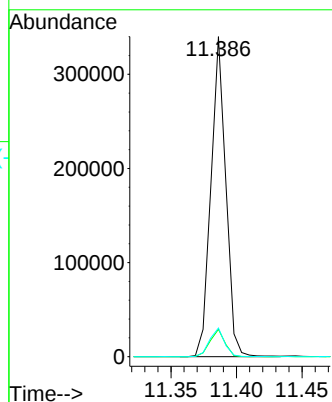
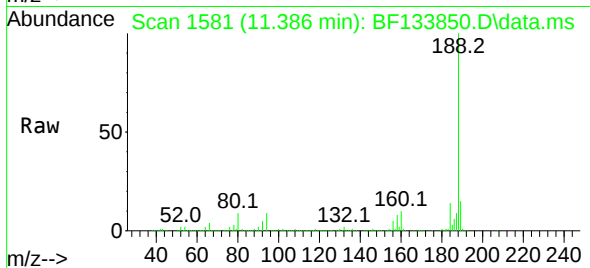




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133850.D
Acq: 20 Jun 2023 11:48

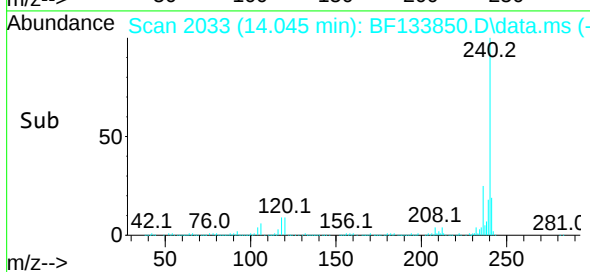
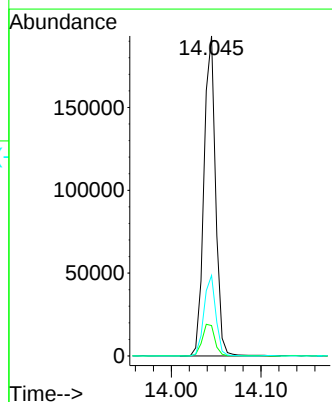
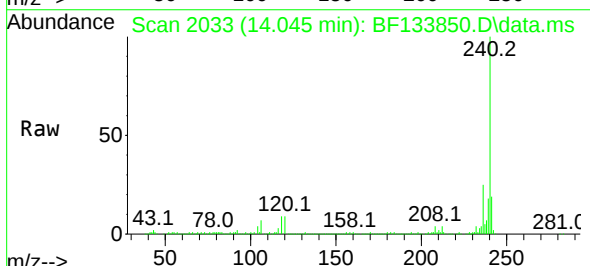
Instrument :
BNA_F
ClientSampleId :
WC-NEX-002

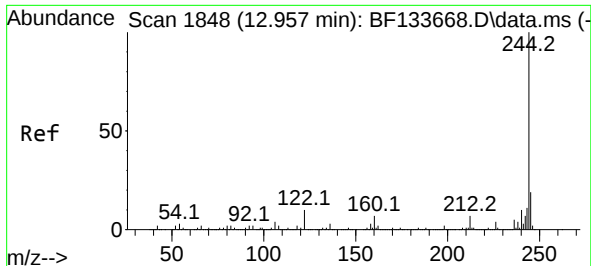
Tgt Ion:188 Resp: 269426
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 9.0 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF133850.D
Acq: 20 Jun 2023 11:48

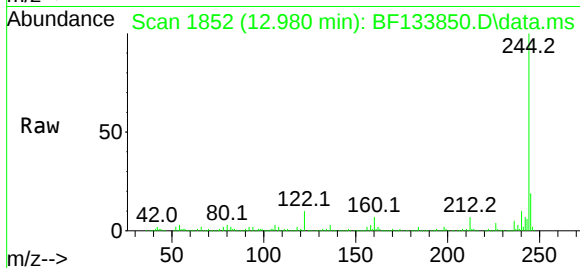
Tgt Ion:240 Resp: 174111
Ion Ratio Lower Upper
240 100
120 9.5 8.1 12.1
236 25.2 20.5 30.7





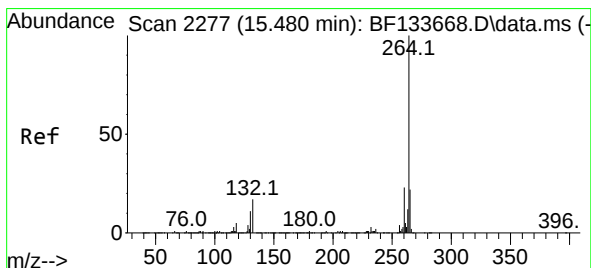
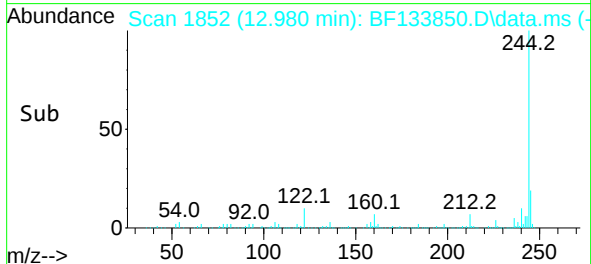
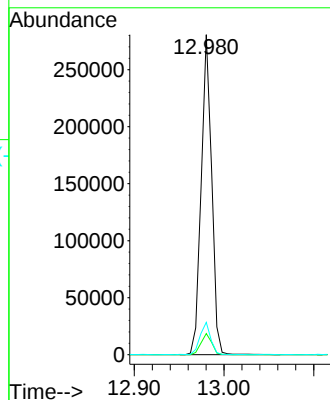
#79
 Terphenyl-d14
 Concen: 20.204 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF133850.D
 Acq: 20 Jun 2023 11:48

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 227337

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	10.1	8.1	12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. -0.006 min
 Lab File: BF133850.D
 Acq: 20 Jun 2023 11:48

Tgt Ion:264 Resp: 212427

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	22.0	17.8	26.6

