

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
 Data File : BF133855.D
 Acq On : 20 Jun 2023 14:29
 Operator : CG\JU
 Sample : 03282-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-NEX-002

Quant Time: Jun 20 15:01:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 13:43:46 2023
 Response via : Initial Calibration

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

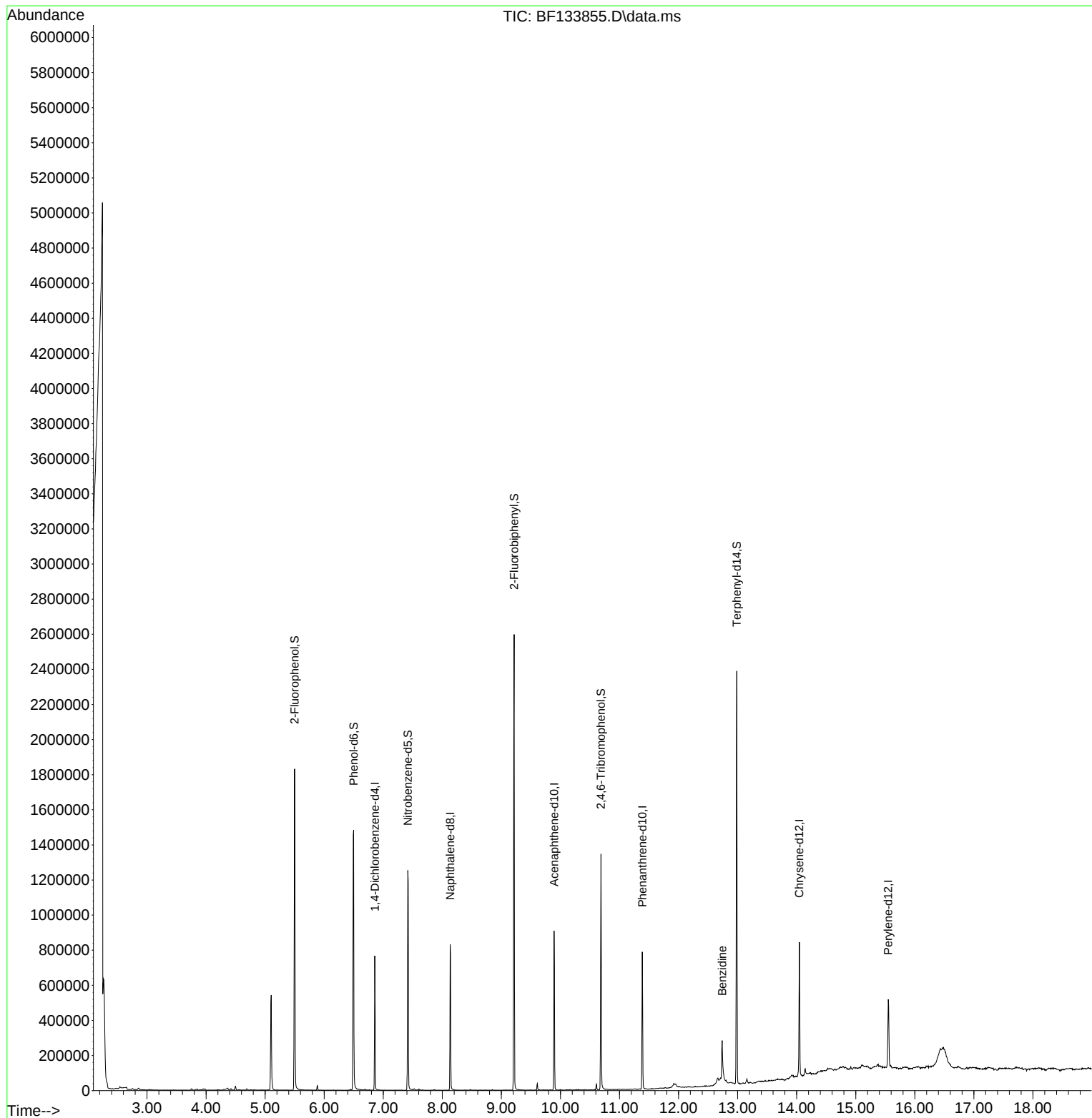
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	97907	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	364008	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	167392	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	273339	20.000	ng	0.00
76) Chrysene-d12	14.045	240	235578	20.000	ng	0.00
86) Perylene-d12	15.551	264	191682	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	436587	77.630	ng	0.01
7) Phenol-d6	6.498	99	479356	65.482	ng	0.00
23) Nitrobenzene-d5	7.416	82	382217	57.191	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	143583	67.763	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	716344	60.833	ng	0.00
79) Terphenyl-d14	12.986	244	764396	50.208	ng	0.00
Target Compounds						
77) Benzidine	12.739	184	147340	18.639	ng	Qvalue 99

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

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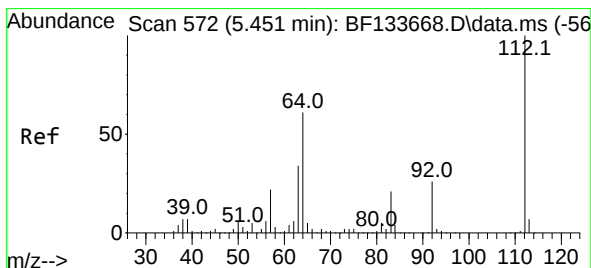
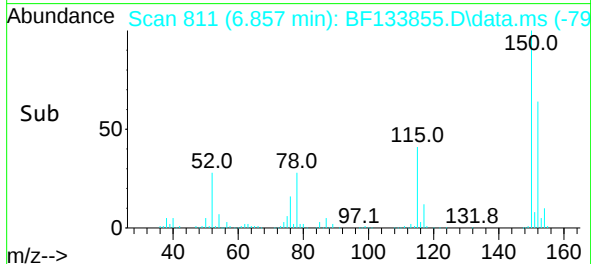
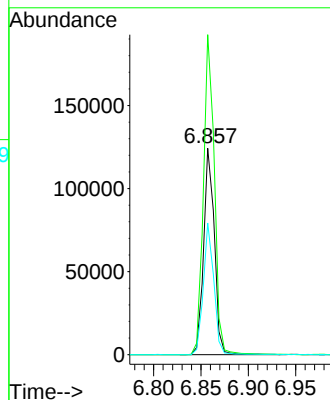
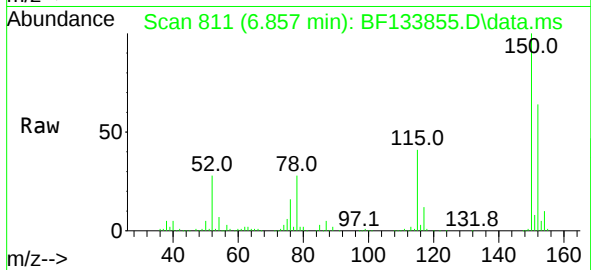




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133855.D
Acq: 20 Jun 2023 14:29

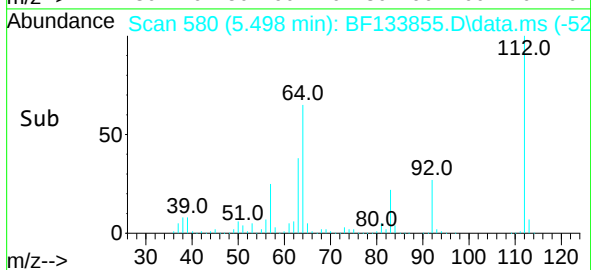
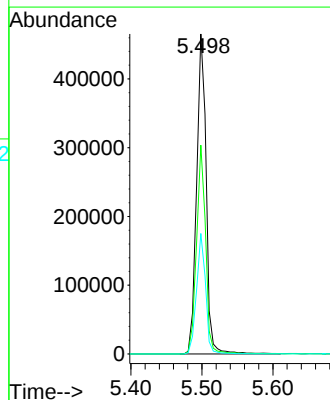
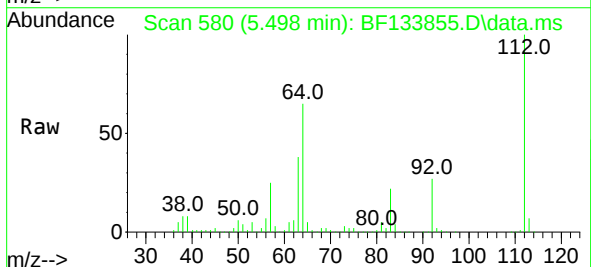
Instrument :
BNA_F
ClientSampleId :
WC-NEX-002

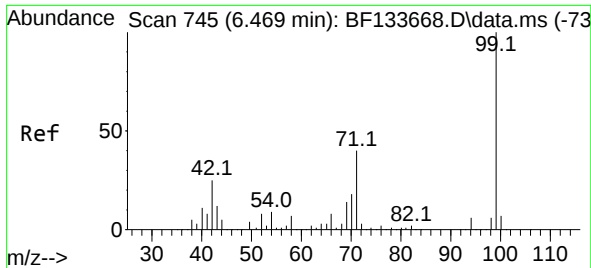
Tgt Ion:152 Resp: 97907
Ion Ratio Lower Upper
152 100
150 155.1 124.3 186.5
115 63.8 48.5 72.7



#5
2-Fluorophenol
Concen: 77.630 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF133855.D
Acq: 20 Jun 2023 14:29

Tgt Ion:112 Resp: 436587
Ion Ratio Lower Upper
112 100
64 65.2 49.0 73.4
63 37.7 26.8 40.2

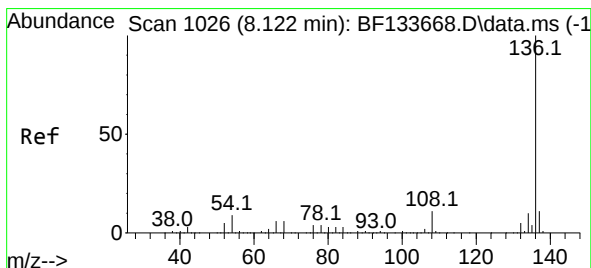
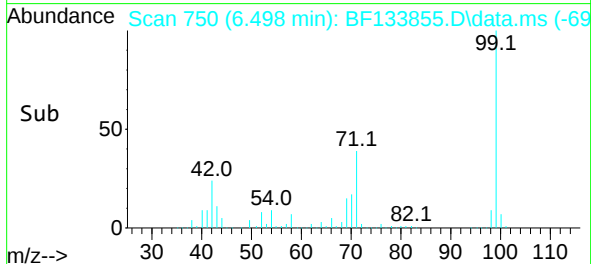
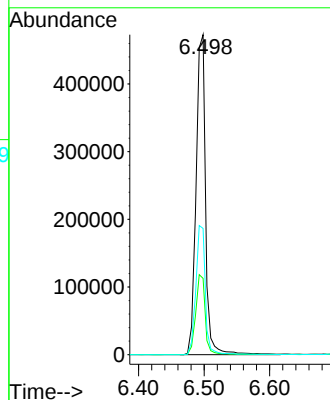
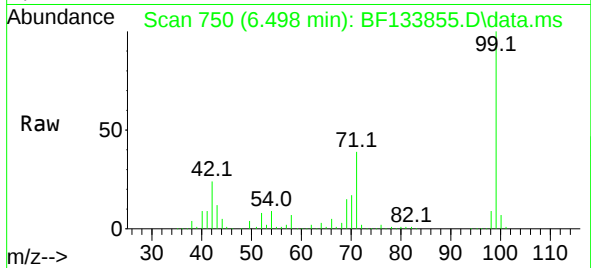




#7
Phenol-d6
Concen: 65.482 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133855.D
Acq: 20 Jun 2023 14:29

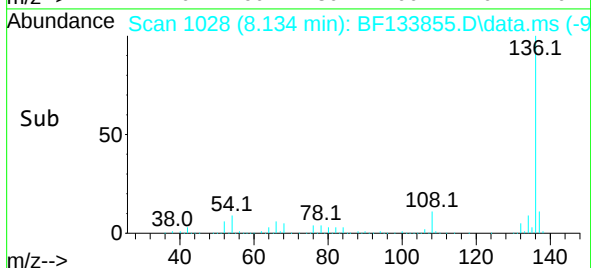
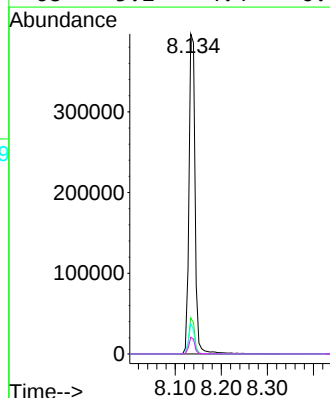
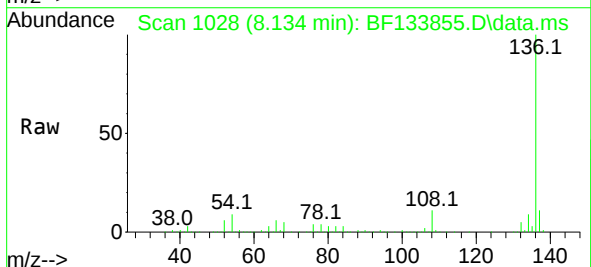
Instrument :
BNA_F
ClientSampleId :
WC-NEX-002

Tgt Ion: 99 Resp: 479356
Ion Ratio Lower Upper
99 100
42 23.8 19.9 29.9
71 39.5 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF133855.D
Acq: 20 Jun 2023 14:29

Tgt Ion: 136 Resp: 364008
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.5 7.4 11.0
68 5.2 4.4 6.6





#23

Nitrobenzene-d5

Concen: 57.191 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133855.D

Acq: 20 Jun 2023 14:29

Instrument :

BNA_F

ClientSampleId :

WC-NEX-002

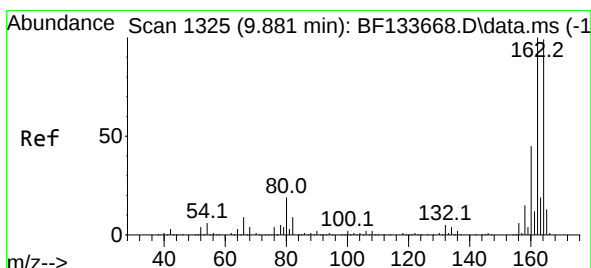
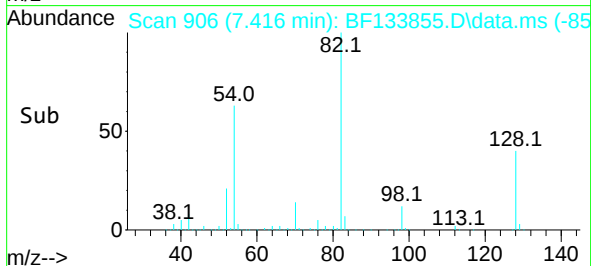
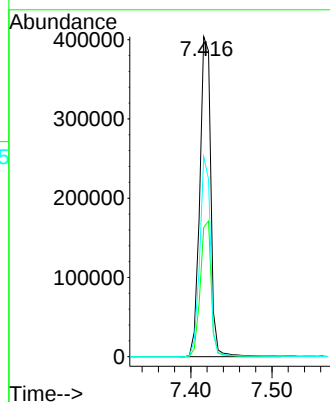
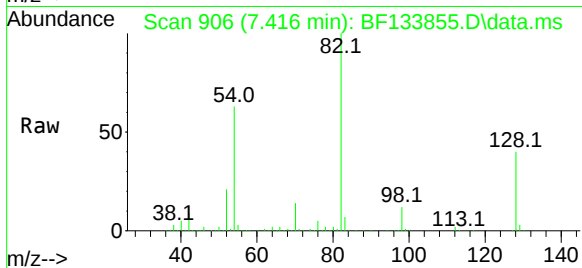
Tgt Ion: 82 Resp: 382217

Ion Ratio Lower Upper

82 100

128 40.4 34.2 51.2

54 62.5 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: BF133855.D

Acq: 20 Jun 2023 14:29

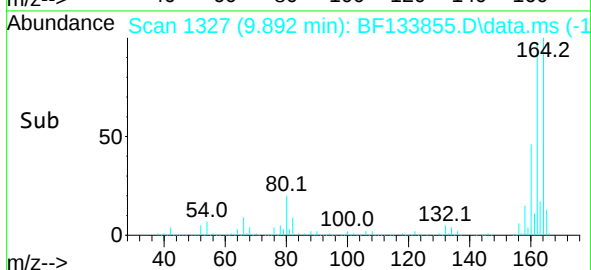
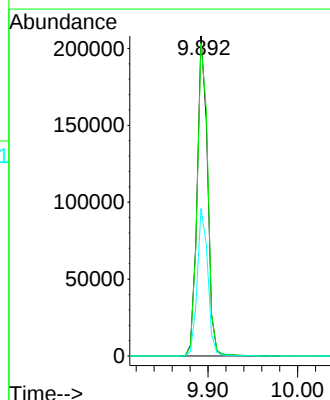
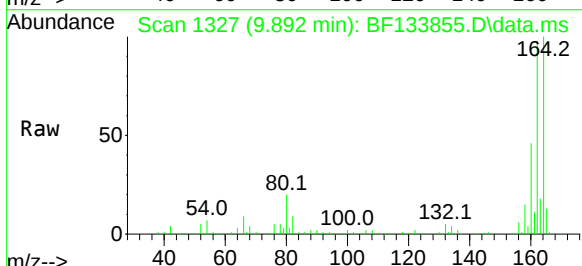
Tgt Ion:164 Resp: 167392

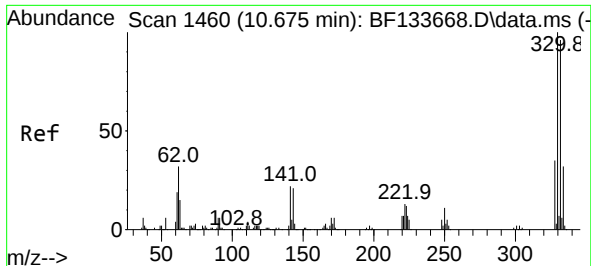
Ion Ratio Lower Upper

164 100

162 97.7 80.8 121.2

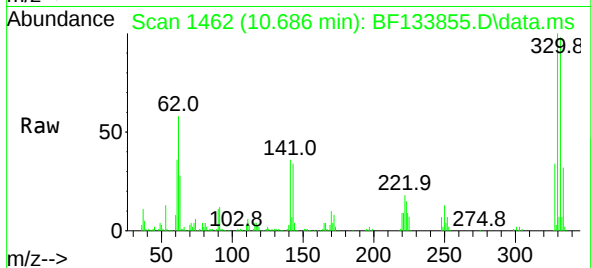
160 46.1 36.7 55.1



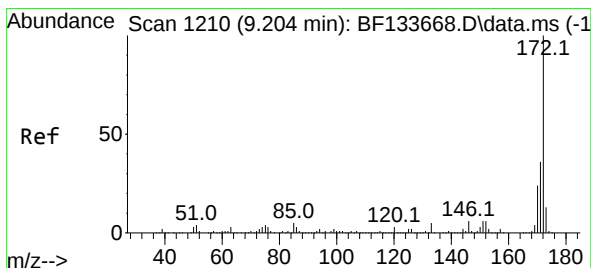
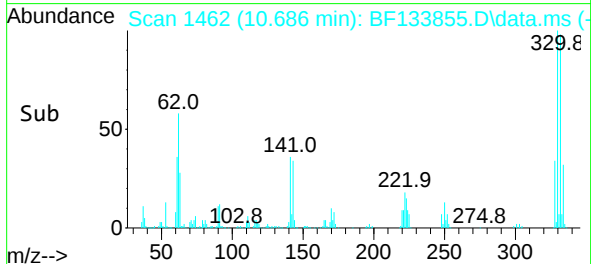
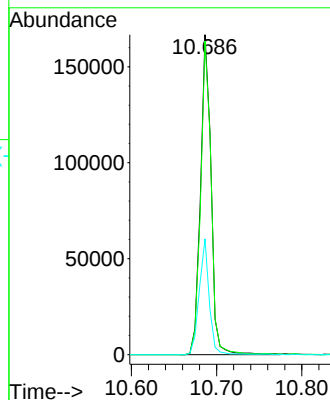


#42
2,4,6-Tribromophenol
Concen: 67.763 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF133855.D
Acq: 20 Jun 2023 14:29

Instrument :
BNA_F
ClientSampleId :
WC-NEX-002

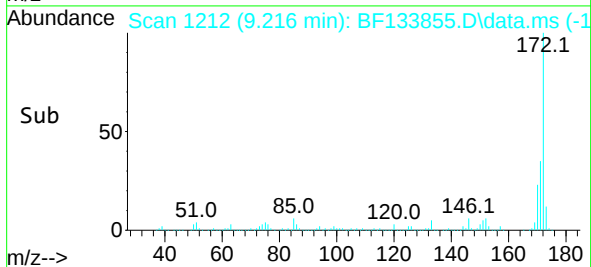
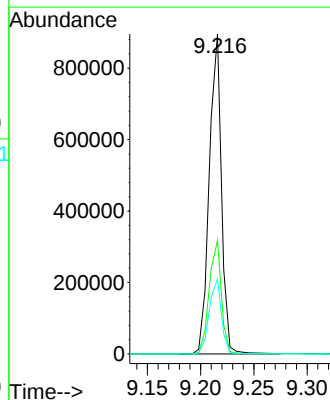
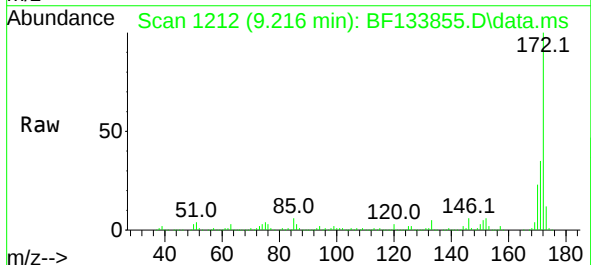


Tgt Ion:330 Resp: 143583
Ion Ratio Lower Upper
330 100
332 97.4 77.2 115.8
141 34.7 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 60.833 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF133855.D
Acq: 20 Jun 2023 14:29

Tgt Ion:172 Resp: 716344
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.4 19.1 28.7

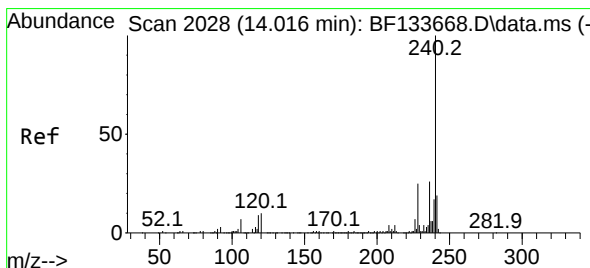
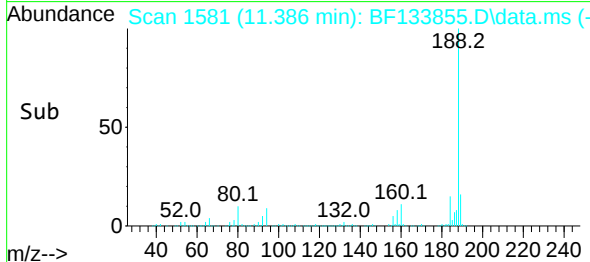
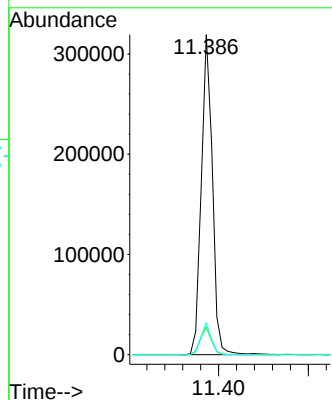
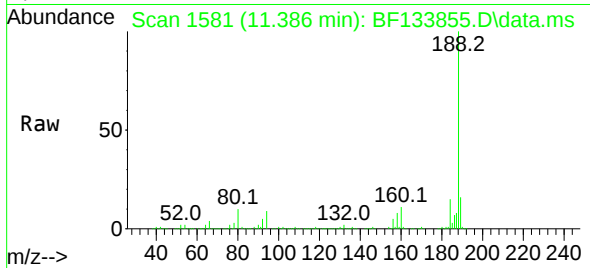




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133855.D
Acq: 20 Jun 2023 14:29

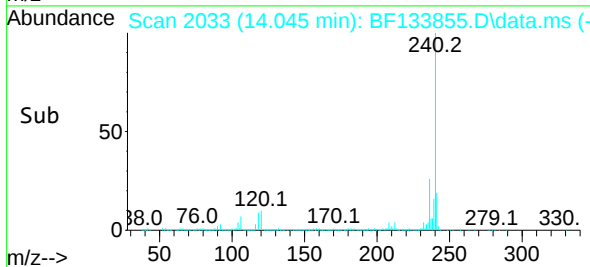
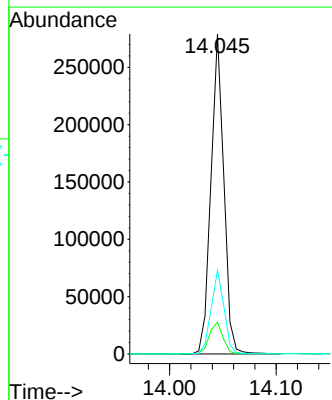
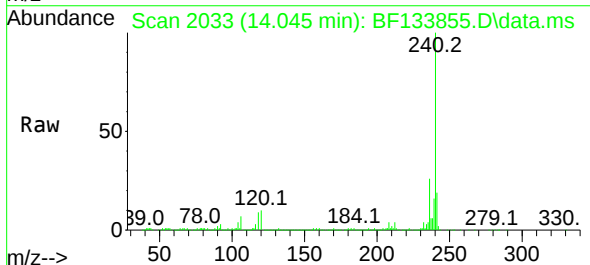
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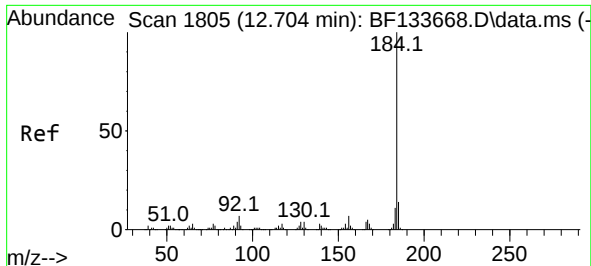
Tgt Ion:188 Resp: 273339
Ion Ratio Lower Upper
188 100
94 8.6 6.8 10.2
80 9.9 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF133855.D
Acq: 20 Jun 2023 14:29

Tgt Ion:240 Resp: 235578
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 26.2 20.5 30.7

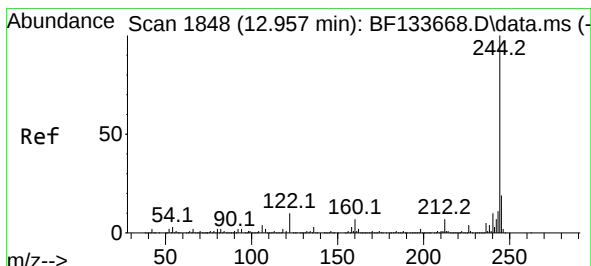
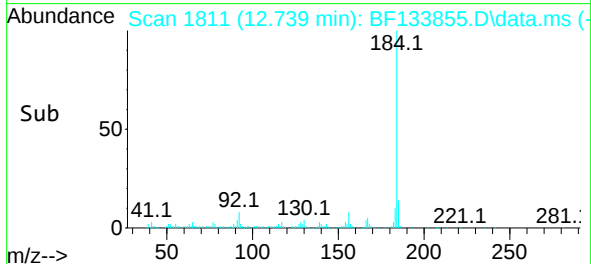
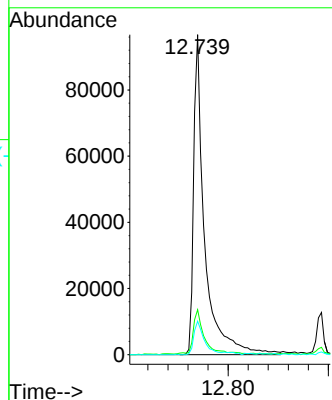
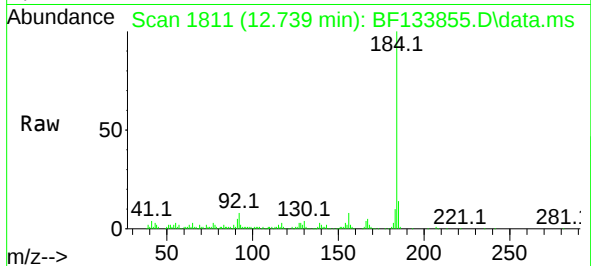




#77
Benzidine
Concen: 18.639 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF133855.D
Acq: 20 Jun 2023 14:29

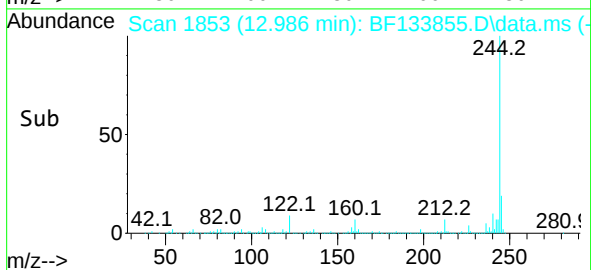
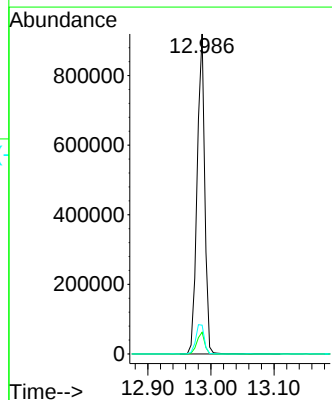
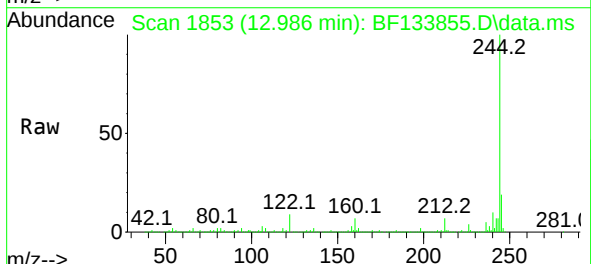
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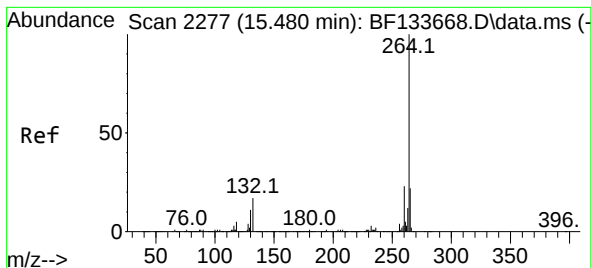
Tgt Ion:184 Resp: 147340
Ion Ratio Lower Upper
184 100
185 14.1 11.6 17.4
183 10.5 8.4 12.6



#79
Terphenyl-d14
Concen: 50.208 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF133855.D
Acq: 20 Jun 2023 14:29

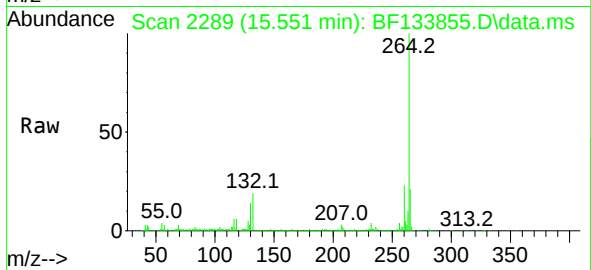
Tgt Ion:244 Resp: 764396
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 9.0 8.1 12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133855.D
Acq: 20 Jun 2023 14:29

Instrument :
BNA_F
ClientSampleId :
WC-NEX-002



Tgt Ion:264 Resp: 191682
Ion Ratio Lower Upper
264 100
260 22.8 18.2 27.2
265 20.5 17.8 26.6

