

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
 Data File : BF133995.D
 Acq On : 27 Jun 2023 17:20
 Operator : CG\JU
 Sample : 03357-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCAN-01

Quant Time: Jun 27 18:18:05 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)

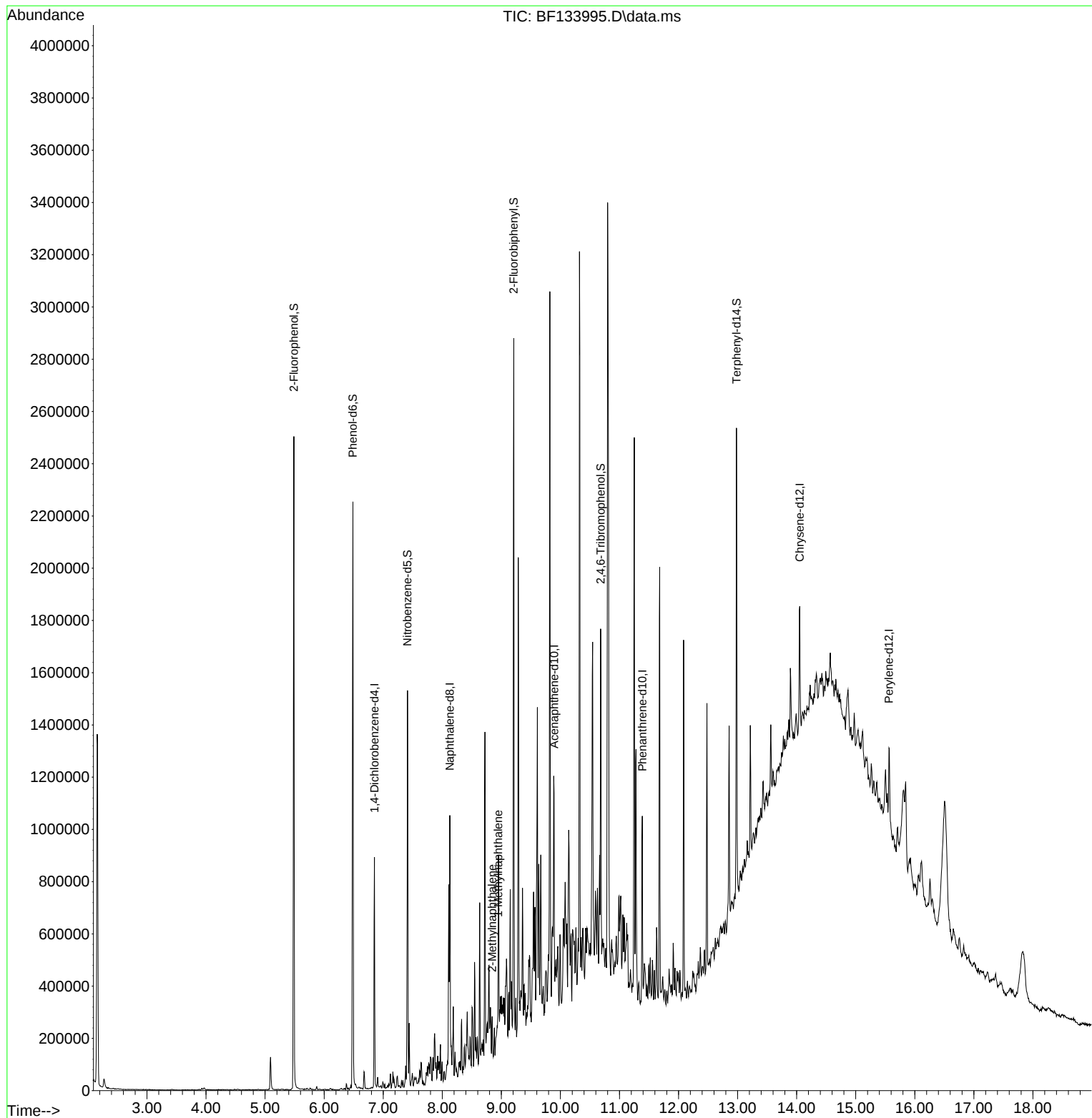
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	119157	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	371481	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	157059	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	235704	20.000	ng	0.00
76) Chrysene-d12	14.051	240	162942	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	137987	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	625448	87.803	ng	0.00
7) Phenol-d6	6.487	99	677052	77.286	ng	0.00
23) Nitrobenzene-d5	7.410	82	438711	63.661	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	159720	81.109	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	753641	69.764	ng	0.00
79) Terphenyl-d14	12.980	244	591580	58.432	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.845	142	34225	2.697	ng	Qvalue 97
38) 1-Methylnaphthalene	8.945	142	26715	2.265	ng	100

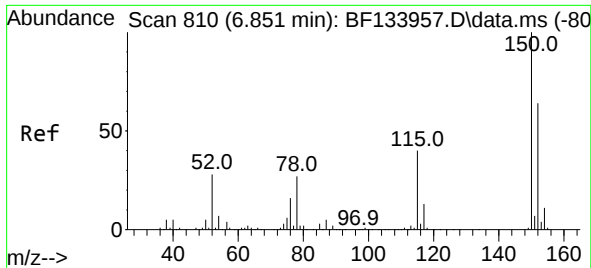
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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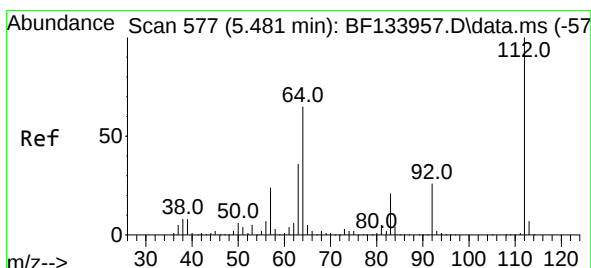
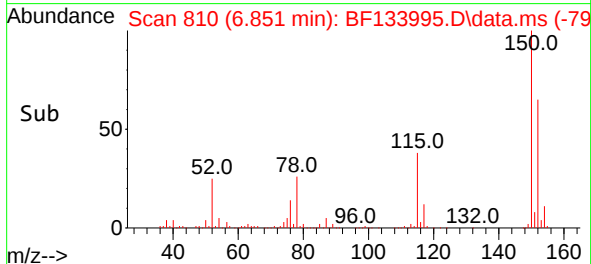
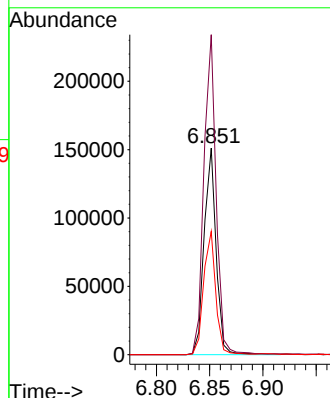
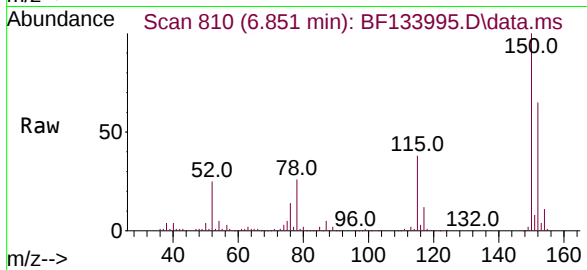




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133995.D
Acq: 27 Jun 2023 17:20

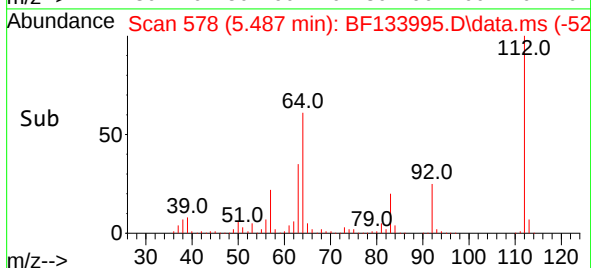
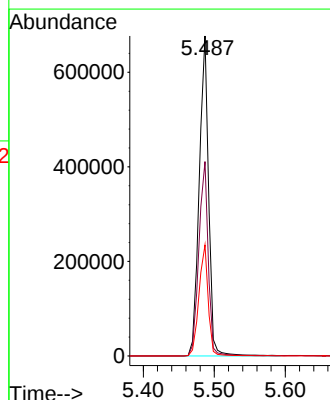
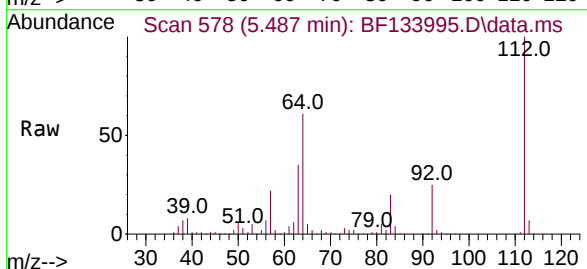
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01

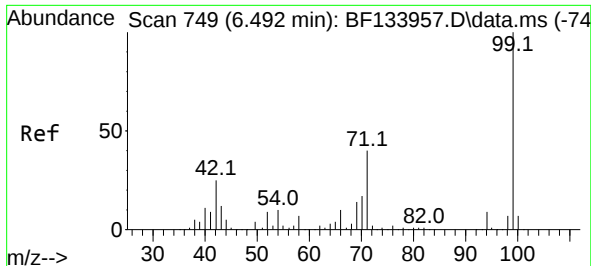
Tgt Ion:152 Resp: 119157
Ion Ratio Lower Upper
152 100
150 154.9 124.5 186.7
115 59.6 50.2 75.2



#5
2-Fluorophenol
Concen: 87.803 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF133995.D
Acq: 27 Jun 2023 17:20

Tgt Ion:112 Resp: 625448
Ion Ratio Lower Upper
112 100
64 60.8 52.1 78.1
63 34.7 28.6 42.8

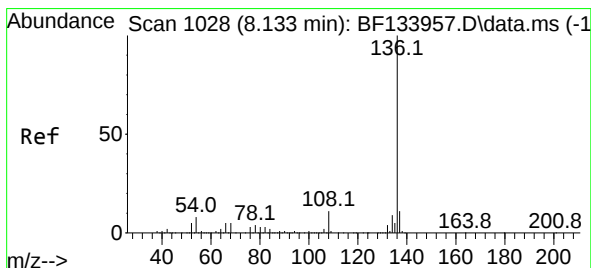
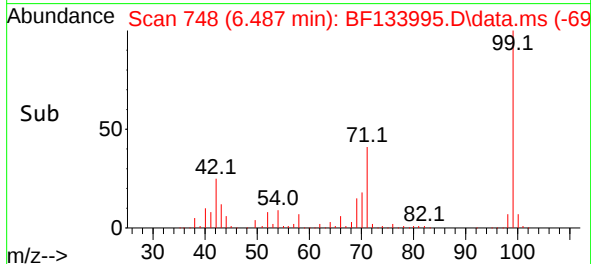
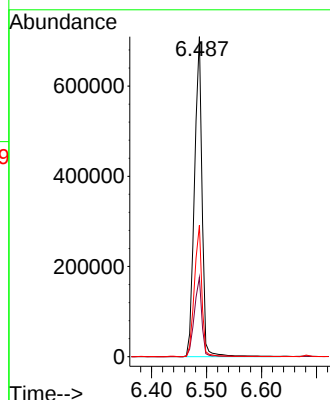
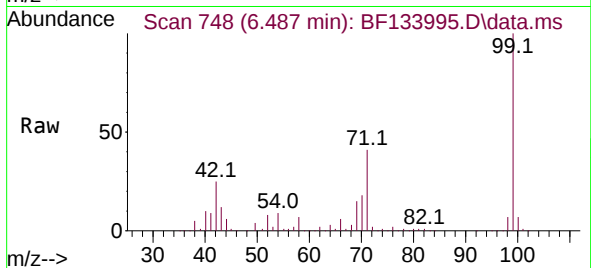




#7
Phenol-d6
Concen: 77.286 ng
RT: 6.487 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133995.D
Acq: 27 Jun 2023 17:20

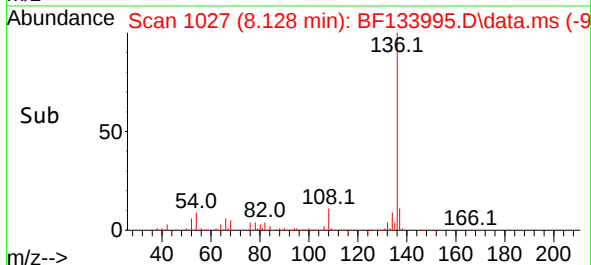
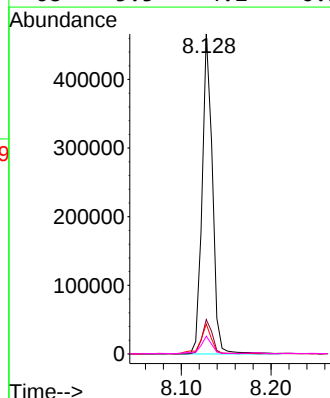
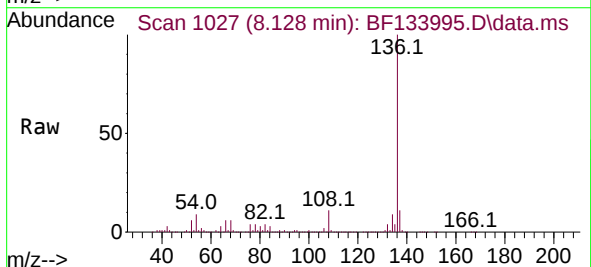
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01

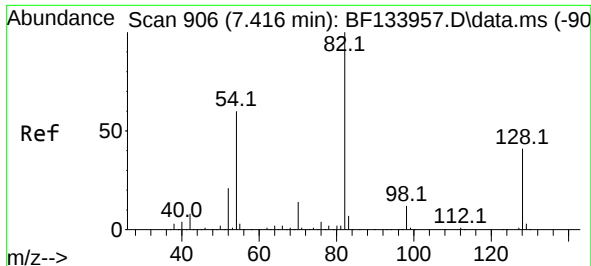
Tgt Ion: 99 Resp: 677052
Ion Ratio Lower Upper
99 100
42 24.8 19.8 29.6
71 41.0 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF133995.D
Acq: 27 Jun 2023 17:20

Tgt Ion:136 Resp: 371481
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.3 6.5 9.7
68 5.5 4.2 6.2

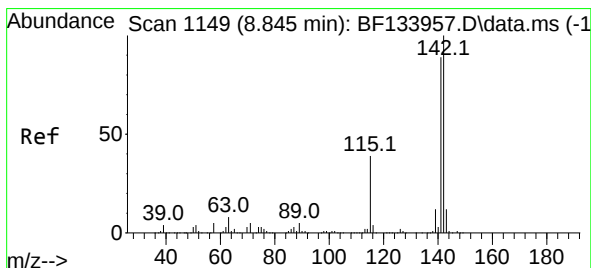
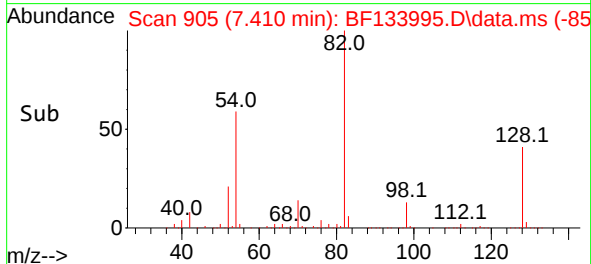
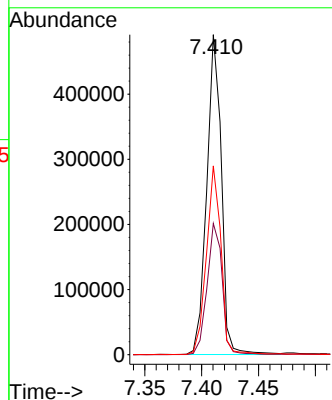
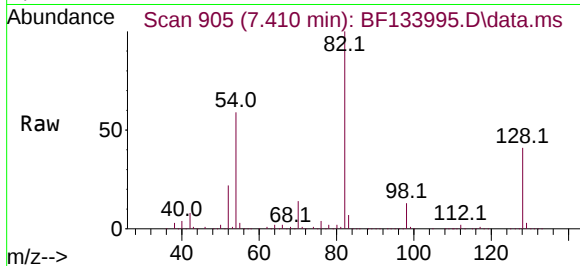




#23
Nitrobenzene-d5
Concen: 63.661 ng
RT: 7.410 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF133995.D
Acq: 27 Jun 2023 17:20

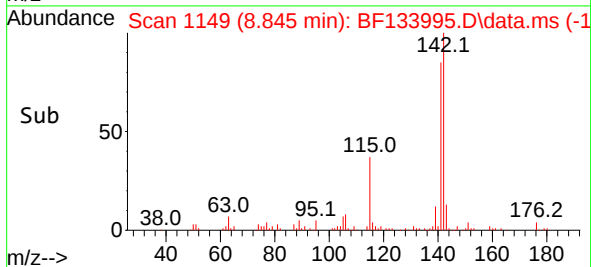
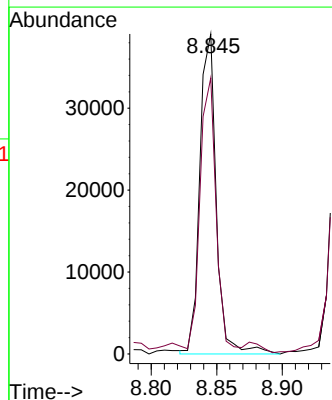
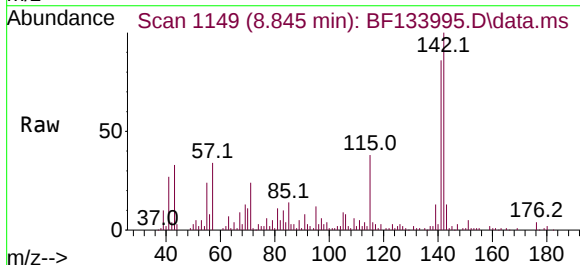
Instrument :
BNA_F
ClientSampleId :
WC-SCAN-01

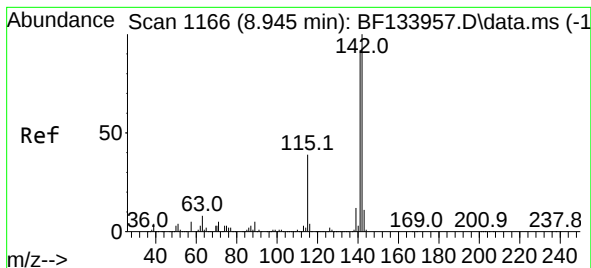
Tgt Ion: 82 Resp: 438711
Ion Ratio Lower Upper
82 100
128 41.0 32.5 48.7
54 59.0 48.2 72.2



#37
2-Methylnaphthalene
Concen: 2.697 ng
RT: 8.845 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF133995.D
Acq: 27 Jun 2023 17:20

Tgt Ion:142 Resp: 34225
Ion Ratio Lower Upper
142 100
141 86.2 71.0 106.4





#38

1-Methylnaphthalene

Concen: 2.265 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF133995.D

Acq: 27 Jun 2023 17:20

Instrument :

BNA_F

ClientSampleId :

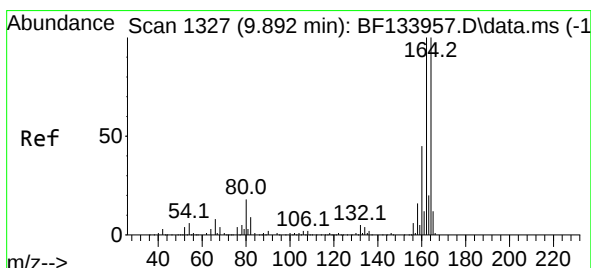
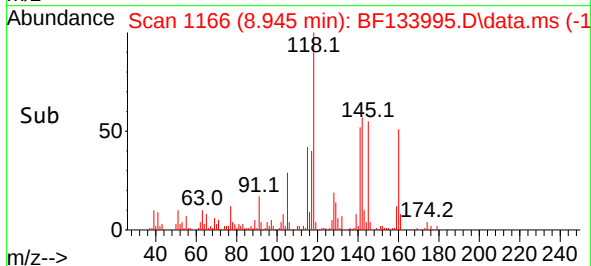
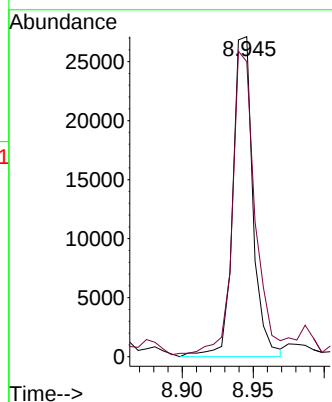
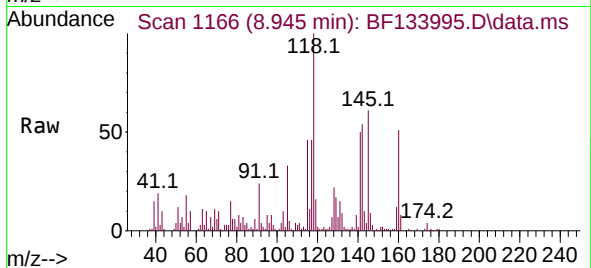
WC-SCAN-01

Tgt Ion:142 Resp: 26715

Ion Ratio Lower Upper

142 100

141 92.2 73.5 110.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF133995.D

Acq: 27 Jun 2023 17:20

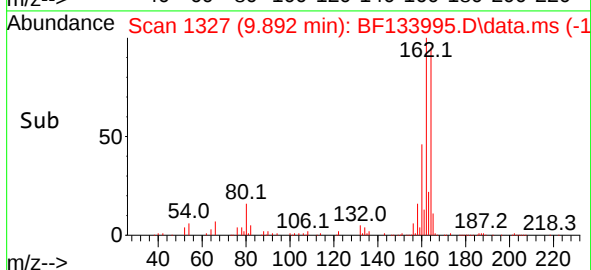
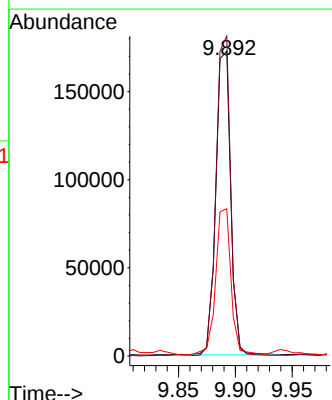
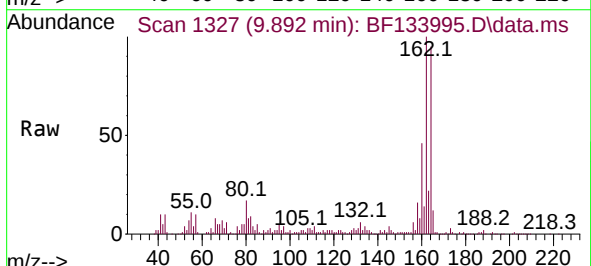
Tgt Ion:164 Resp: 157059

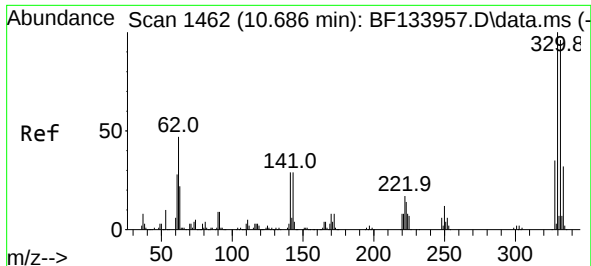
Ion Ratio Lower Upper

164 100

162 105.0 80.0 120.0

160 48.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 81.109 ng

RT: 10.681 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF133995.D

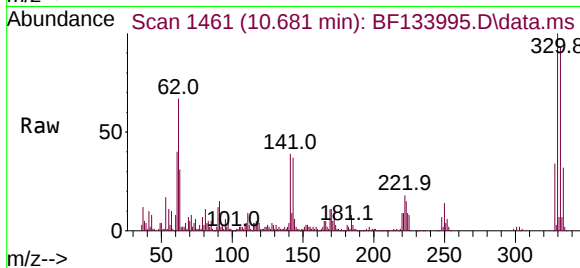
Acq: 27 Jun 2023 17:20

Instrument :

BNA_F

ClientSampleId :

WC-SCAN-01



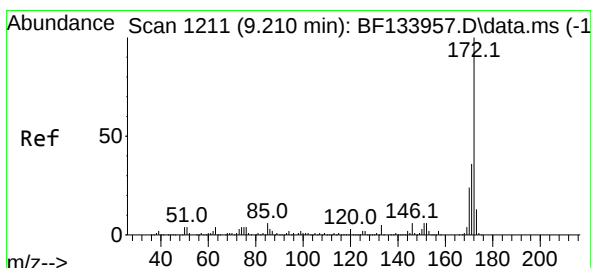
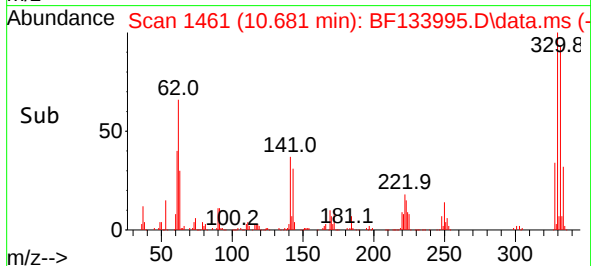
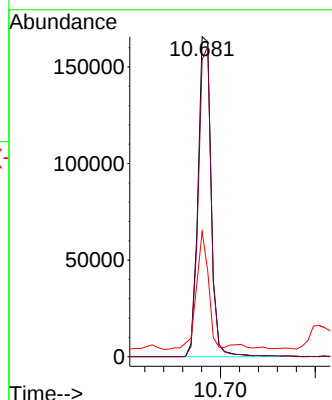
Tgt Ion:330 Resp: 159720

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

141 33.7 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 69.764 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BF133995.D

Acq: 27 Jun 2023 17:20

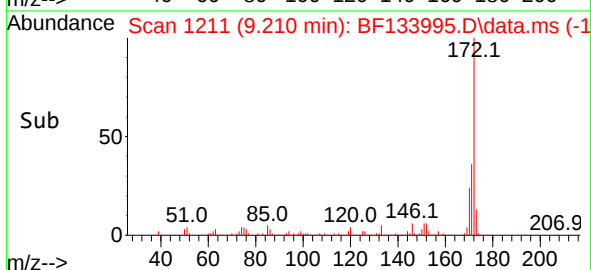
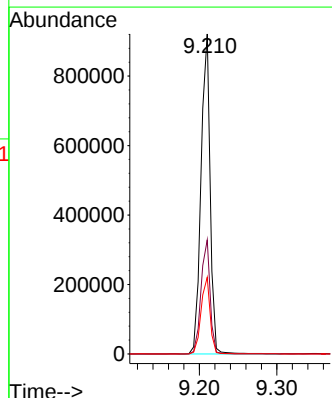
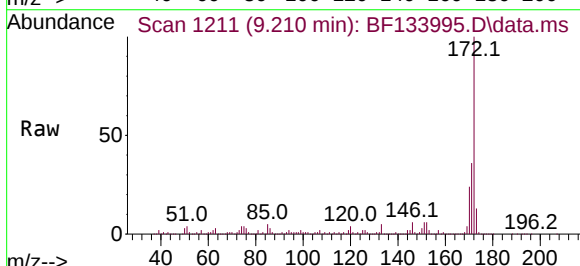
Tgt Ion:172 Resp: 753641

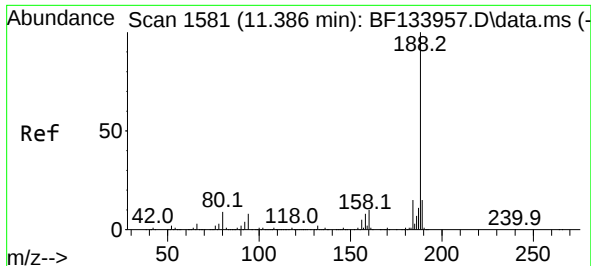
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.9 19.4 29.0

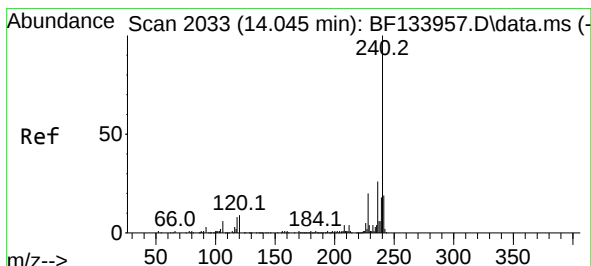
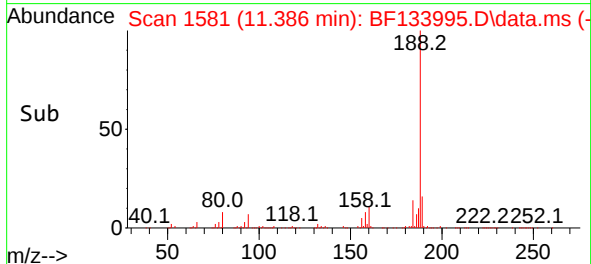
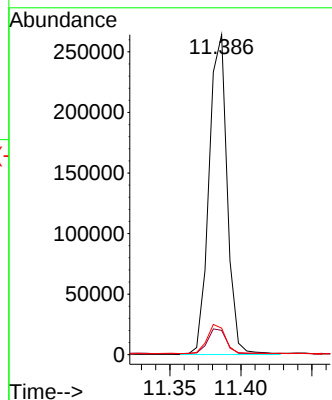
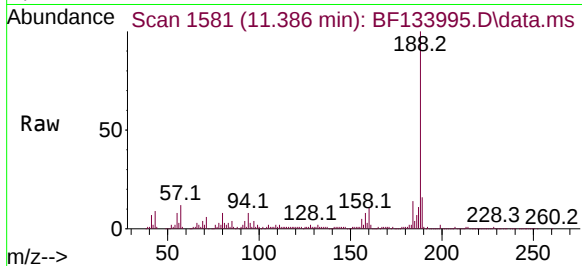




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133995.D
Acq: 27 Jun 2023 17:20

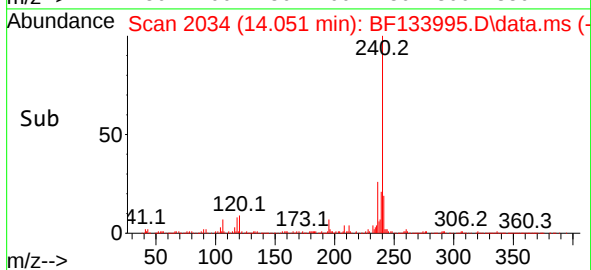
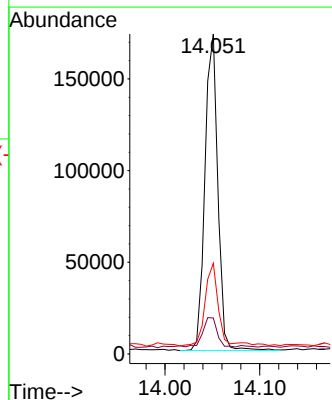
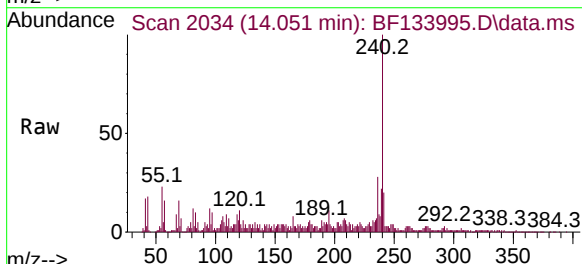
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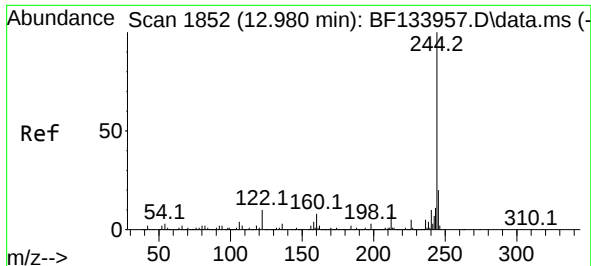
Tgt Ion:188 Resp: 235704
Ion Ratio Lower Upper
188 100
94 7.6 6.4 9.6
80 8.3 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF133995.D
Acq: 27 Jun 2023 17:20

Tgt Ion:240 Resp: 162942
Ion Ratio Lower Upper
240 100
120 11.3 7.4 11.0#
236 28.3 21.0 31.6

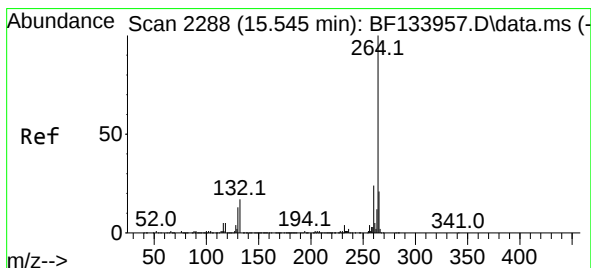
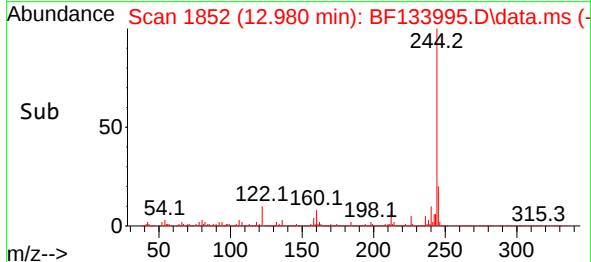
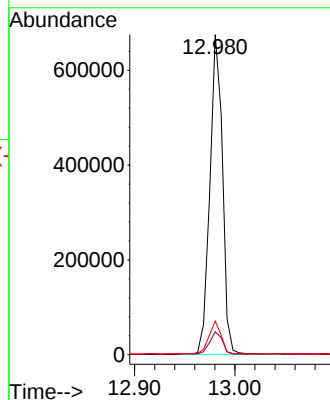
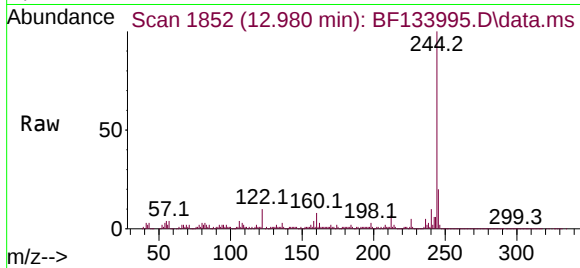




#79
 Terphenyl-d14
 Concen: 58.432 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133995.D
 Acq: 27 Jun 2023 17:20

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 591580
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2291
 Delta R.T. 0.018 min
 Lab File: BF133995.D
 Acq: 27 Jun 2023 17:20

Tgt Ion:264 Resp: 137987
 Ion Ratio Lower Upper
 264 100
 260 26.0 19.5 29.3
 265 25.2 16.6 25.0#

