

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
 Data File : BF133595.D
 Acq On : 06 Jun 2023 17:05
 Operator : CG\JU
 Sample : 02983-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC24

Quant Time: Jun 06 17:27:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 14:05:12 2023
 Response via : Initial Calibration

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

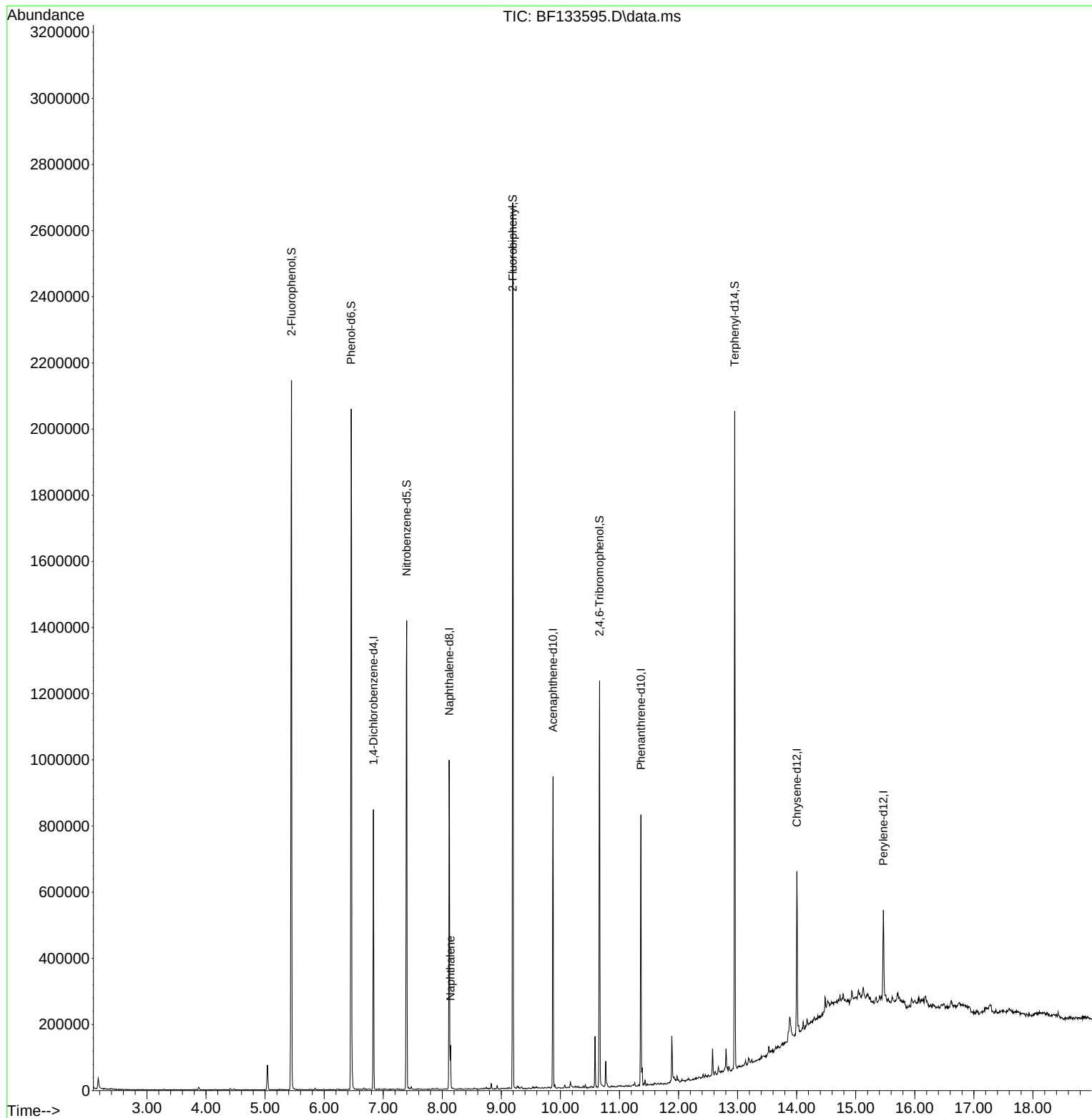
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	107828	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	396307	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	171823	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	274343	20.000	ng	0.00
76) Chrysene-d12	14.004	240	157401	20.000	ng	0.00
86) Perylene-d12	15.468	264	118757	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	561178	86.833	ng	0.00
7) Phenol-d6	6.457	99	662076	83.221	ng	0.00
23) Nitrobenzene-d5	7.398	82	415182	69.949	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	139803	81.624	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	759993	68.268	ng	0.00
79) Terphenyl-d14	12.951	244	625668	70.675	ng	0.00
Target Compounds						
31) Naphthalene	8.140	128	46740	2.433	ng	99

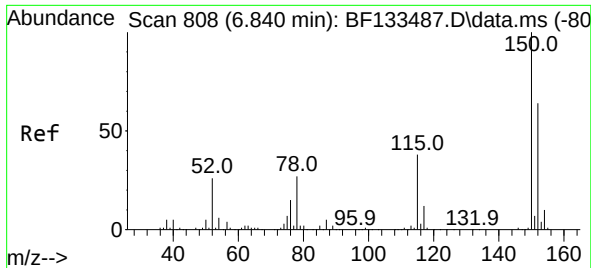
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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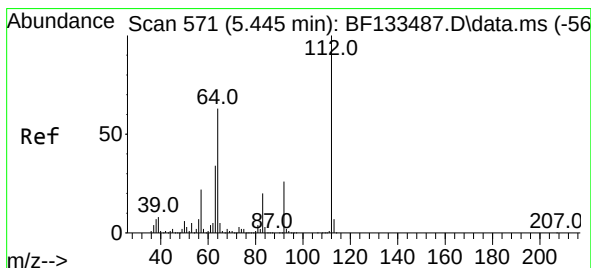
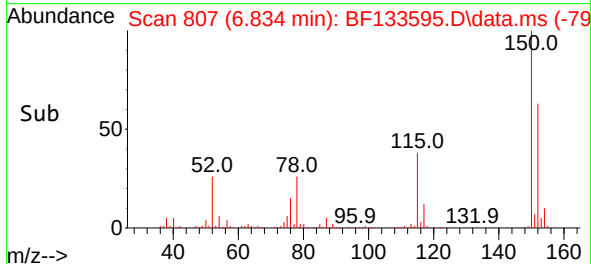
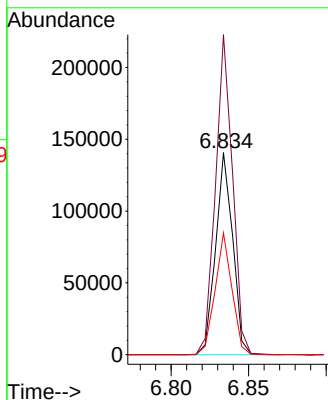
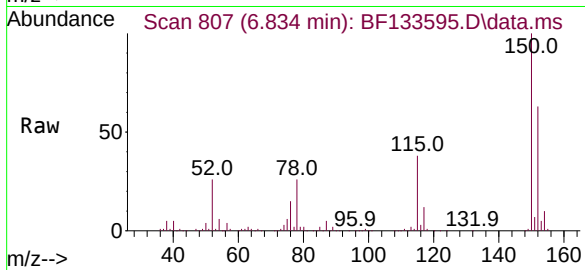




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133595.D
Acq: 06 Jun 2023 17:05

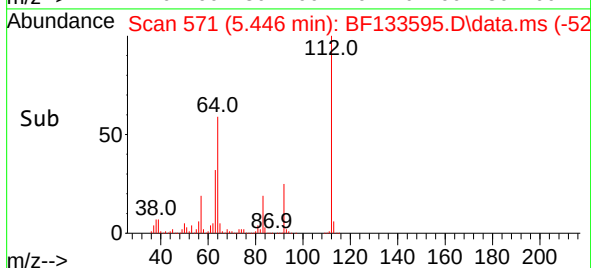
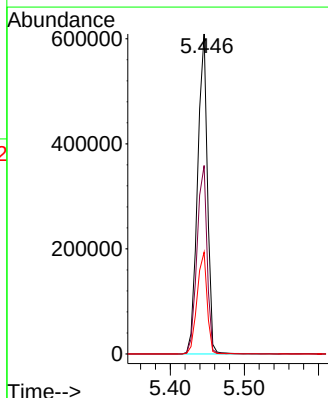
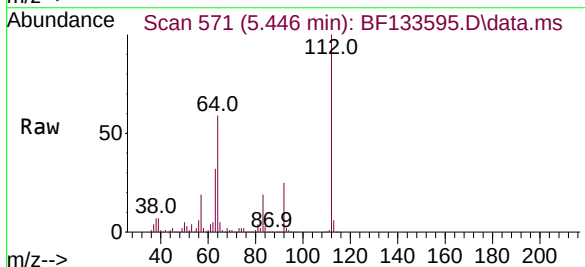
Instrument :
BNA_F
ClientSampleId :
WC24

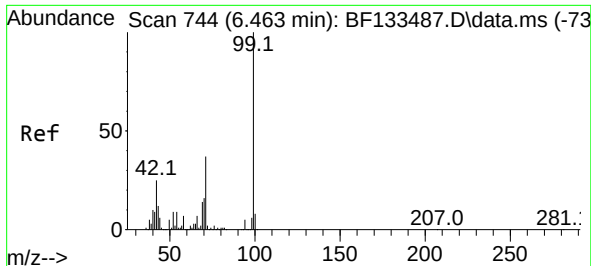
Tgt Ion:152 Resp: 107828
Ion Ratio Lower Upper
152 100
150 158.3 124.9 187.3
115 60.3 48.1 72.1



#5
2-Fluorophenol
Concen: 86.833 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF133595.D
Acq: 06 Jun 2023 17:05

Tgt Ion:112 Resp: 561178
Ion Ratio Lower Upper
112 100
64 58.9 50.1 75.1
63 31.8 27.5 41.3

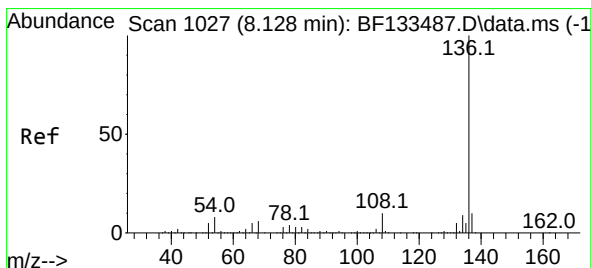
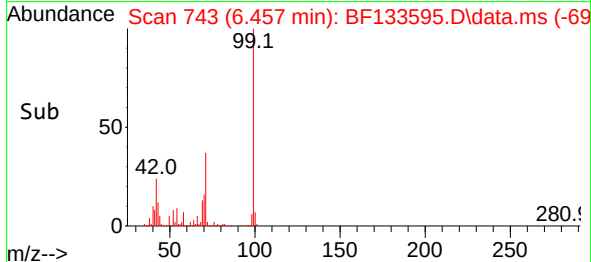
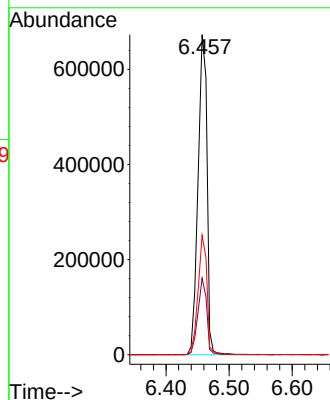
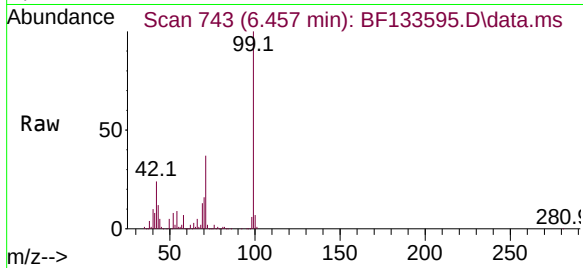




#7
Phenol-d6
Concen: 83.221 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133595.D
Acq: 06 Jun 2023 17:05

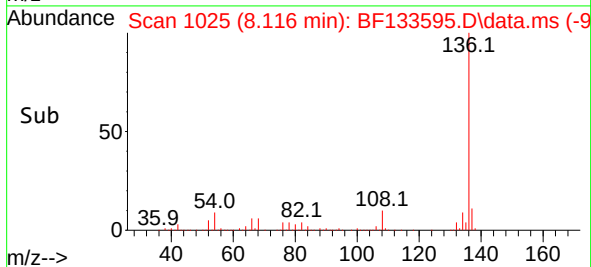
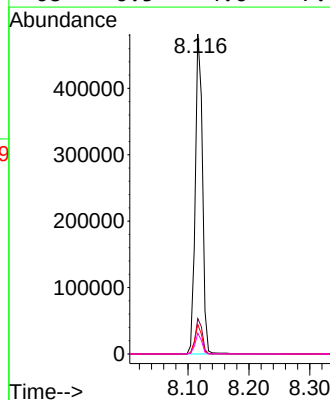
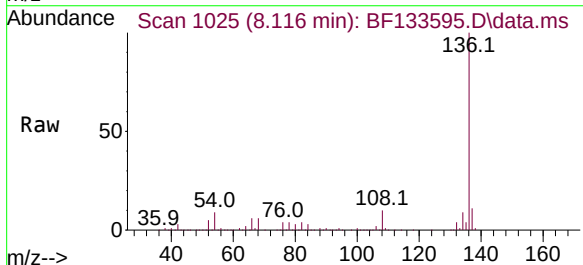
Instrument :
BNA_F
ClientSampleId :
WC24

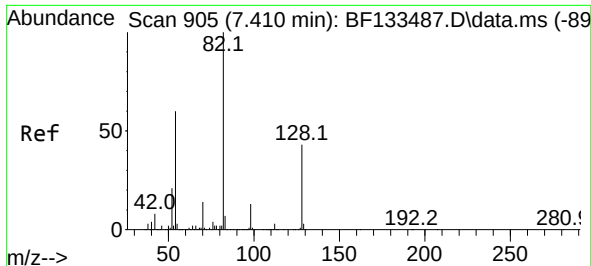
Tgt Ion: 99 Resp: 662076
Ion Ratio Lower Upper
99 100
42 23.9 19.7 29.5
71 37.3 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133595.D
Acq: 06 Jun 2023 17:05

Tgt Ion: 136 Resp: 396307
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 9.2 6.6 10.0
68 6.5 4.6 7.0





#23

Nitrobenzene-d5

Concen: 69.949 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133595.D

Acq: 06 Jun 2023 17:05

Instrument :

BNA_F

ClientSampleId :

WC24

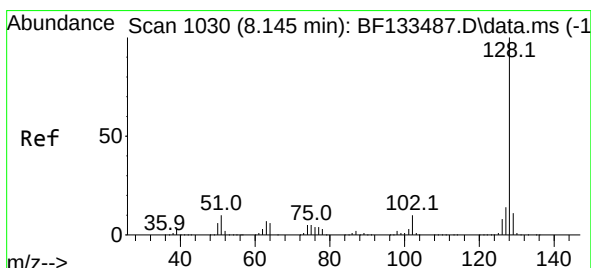
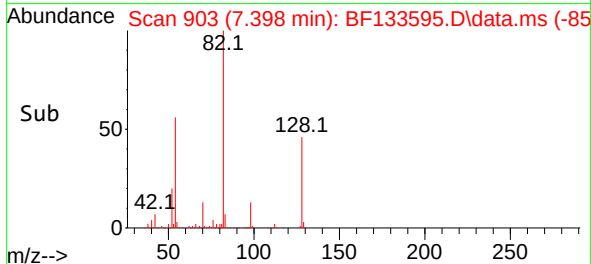
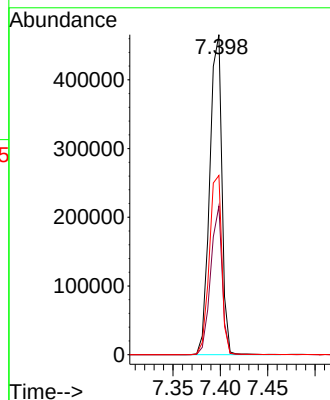
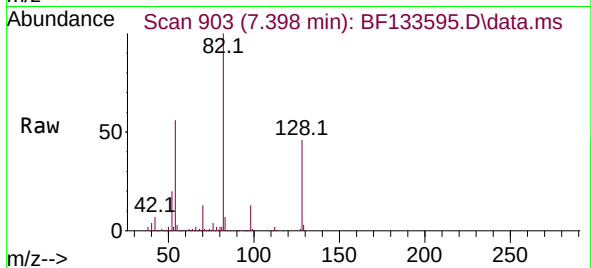
Tgt Ion: 82 Resp: 415182

Ion Ratio Lower Upper

82 100

128 46.5 34.2 51.4

54 56.0 48.2 72.4



#31

Naphthalene

Concen: 2.433 ng

RT: 8.140 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BF133595.D

Acq: 06 Jun 2023 17:05

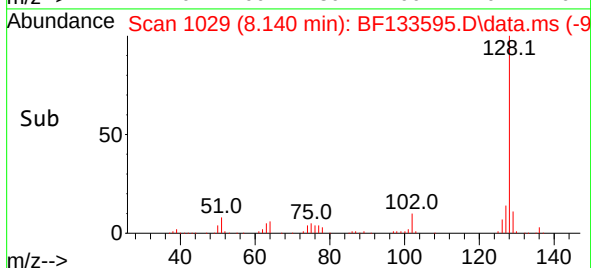
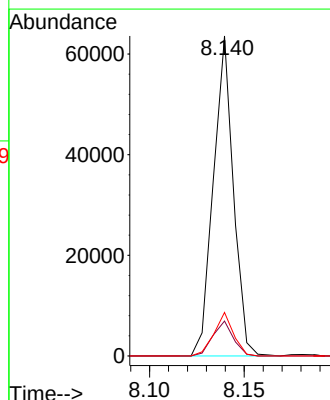
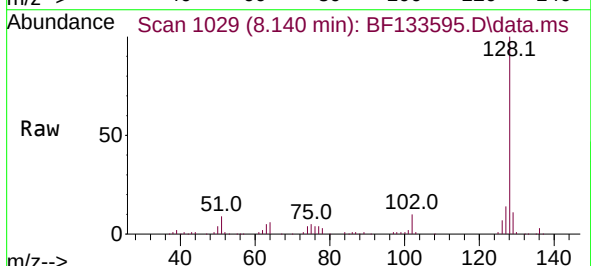
Tgt Ion: 128 Resp: 46740

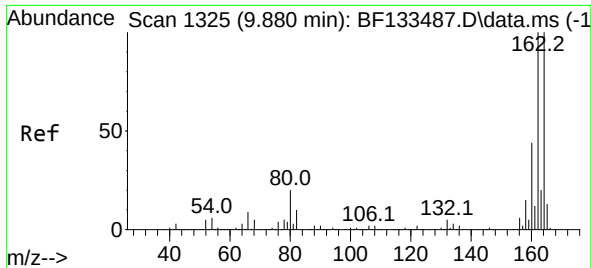
Ion Ratio Lower Upper

128 100

129 10.9 9.2 13.8

127 13.6 10.9 16.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133595.D

Acq: 06 Jun 2023 17:05

Instrument :

BNA_F

ClientSampleId :

WC24

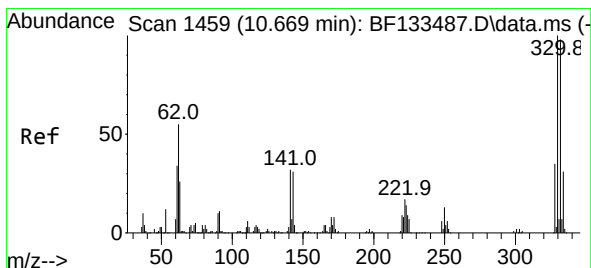
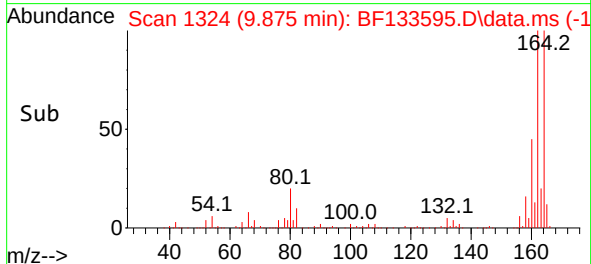
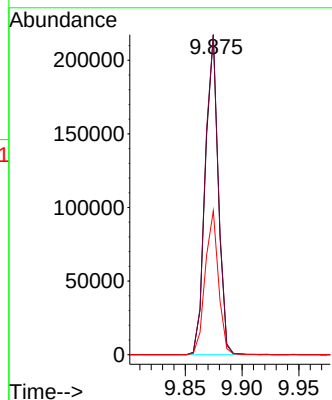
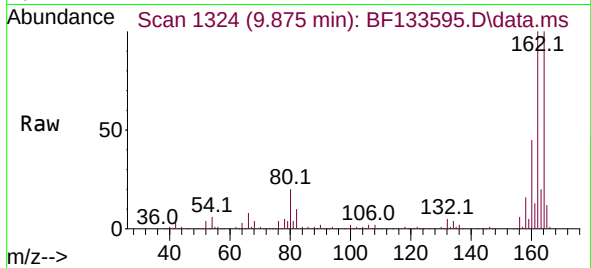
Tgt Ion:164 Resp: 171823

Ion Ratio Lower Upper

164 100

162 100.0 79.7 119.5

160 45.0 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 81.624 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF133595.D

Acq: 06 Jun 2023 17:05

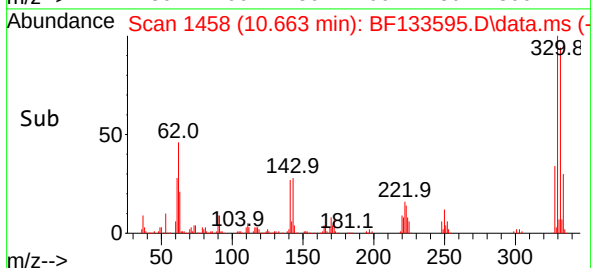
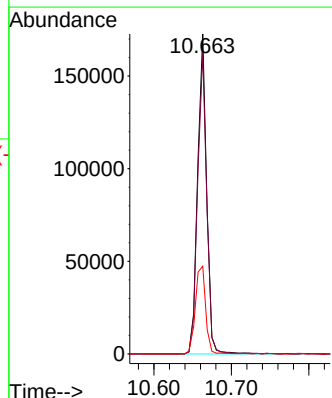
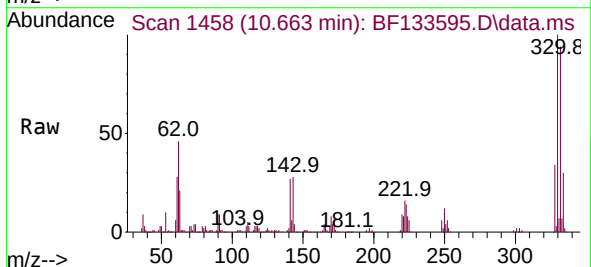
Tgt Ion:330 Resp: 139803

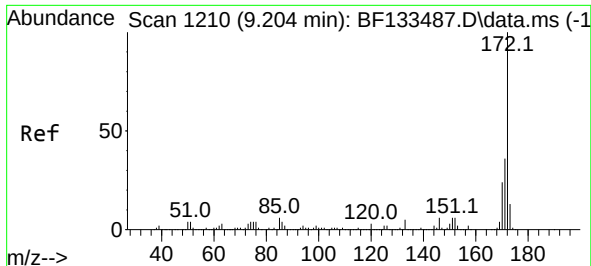
Ion Ratio Lower Upper

330 100

332 94.6 77.8 116.6

141 31.5 26.6 40.0





#45

2-Fluorobiphenyl

Concen: 68.268 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133595.D

Acq: 06 Jun 2023 17:05

Instrument :

BNA_F

ClientSampleId :

WC24

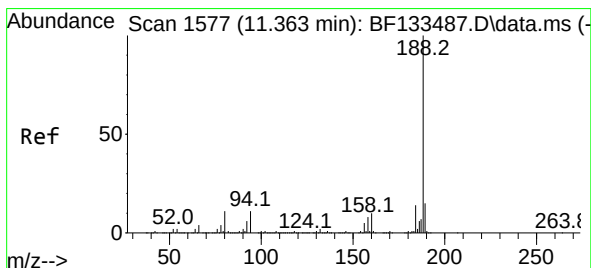
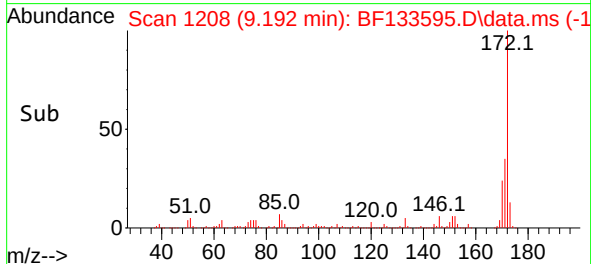
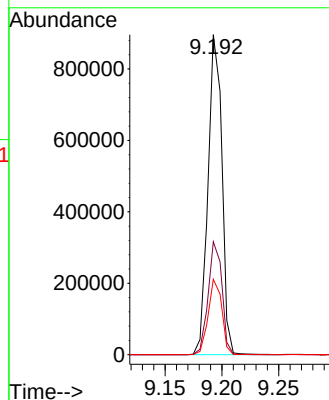
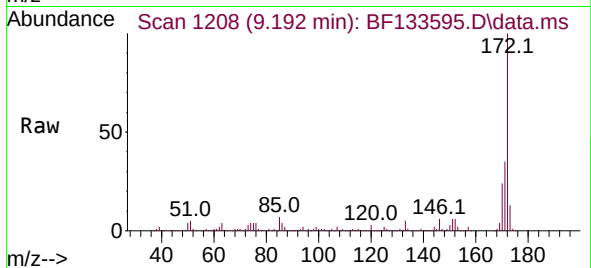
Tgt Ion:172 Resp: 759993

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.5 19.3 28.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BF133595.D

Acq: 06 Jun 2023 17:05

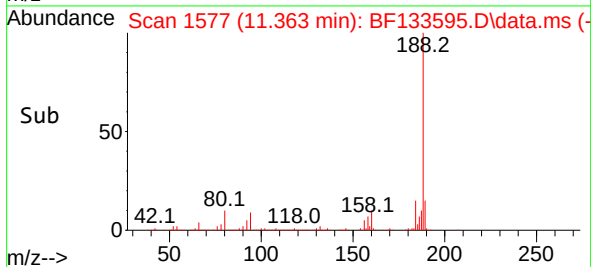
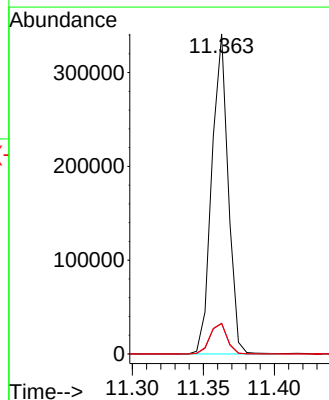
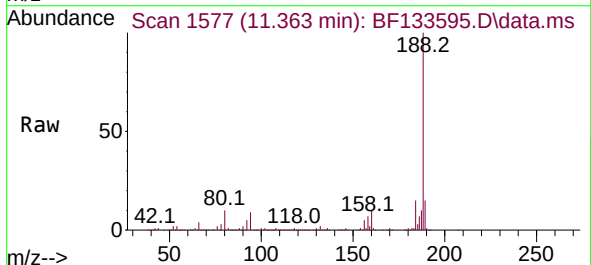
Tgt Ion:188 Resp: 274343

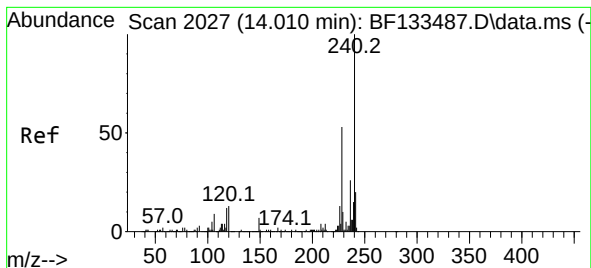
Ion Ratio Lower Upper

188 100

94 9.5 8.6 12.8

80 9.6 9.2 13.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133595.D

Acq: 06 Jun 2023 17:05

Instrument :

BNA_F

ClientSampleId :

WC24

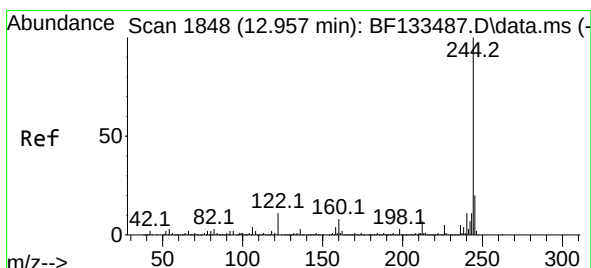
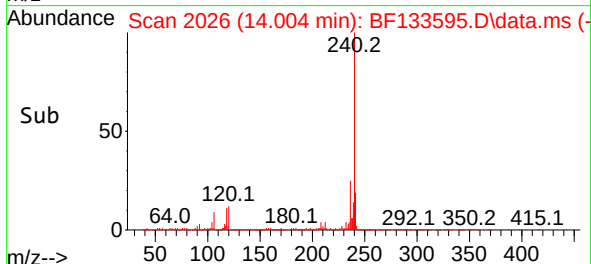
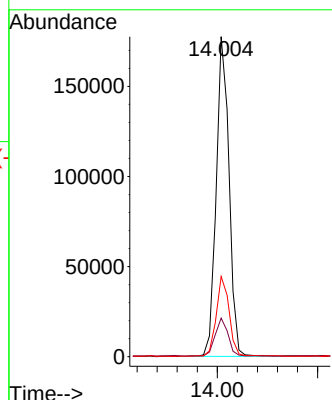
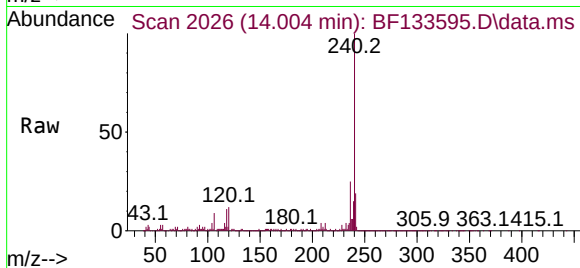
Tgt Ion:240 Resp: 157401

Ion Ratio Lower Upper

240 100

120 12.0 10.3 15.5

236 25.0 20.5 30.7



#79

Terphenyl-d14

Concen: 70.675 ng

RT: 12.951 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BF133595.D

Acq: 06 Jun 2023 17:05

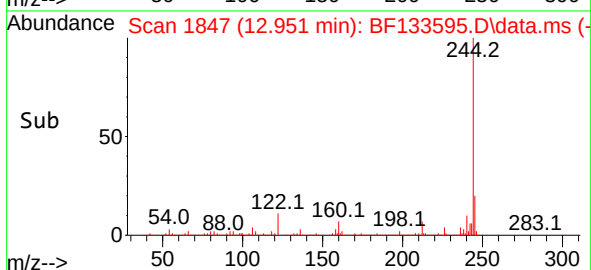
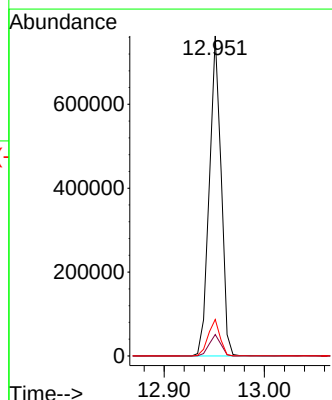
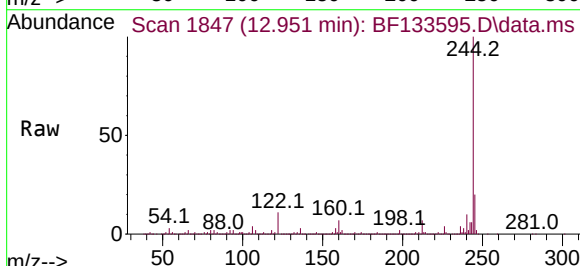
Tgt Ion:244 Resp: 625668

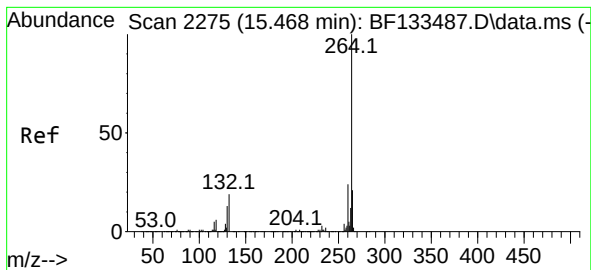
Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

122 11.4 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133595.D
Acq: 06 Jun 2023 17:05

Instrument :
BNA_F
ClientSampleId :
WC24

Tgt Ion:264 Resp: 118757

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.4
265	21.2	16.8	25.2

