

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060823\
Data File : BF133655.D
Acq On : 08 Jun 2023 23:27
Operator : CG\JU
Sample : 03069-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC34

Quant Time: Jun 09 01:51:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 11:43:32 2023
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	120756	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	410734	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	174152	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	313483	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	192692	20.000	ng	0.00
86) Perylene-d12	15.480	264	160056	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	496636	68.619	ng	0.00
7) Phenol-d6	6.463	99	587021	65.887	ng	0.00
23) Nitrobenzene-d5	7.398	82	346620	56.346	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	127906	73.680	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	624255	55.325	ng	0.00
79) Terphenyl-d14	12.957	244	583567	53.846	ng	0.00

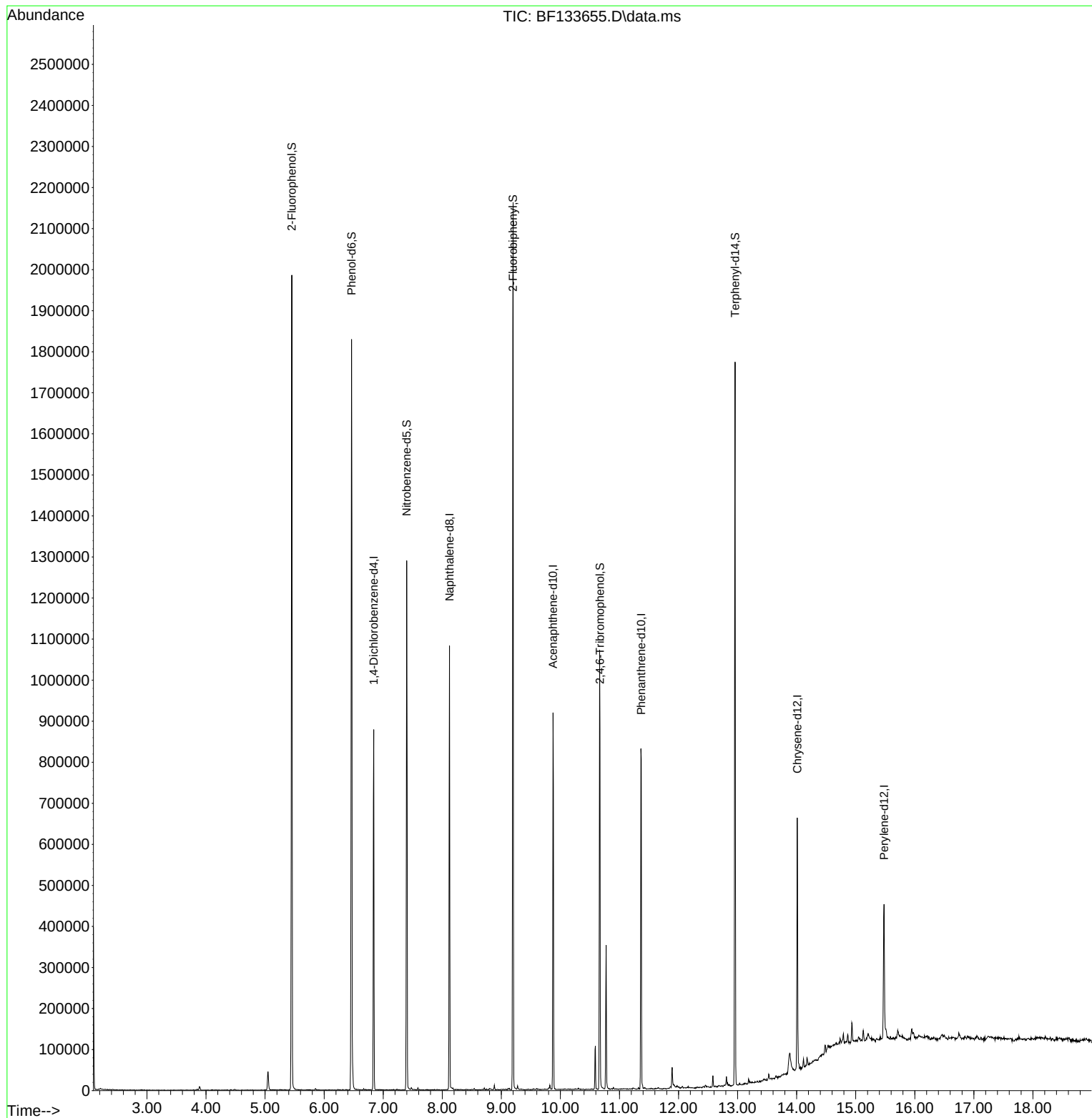
Target Compounds	Qvalue

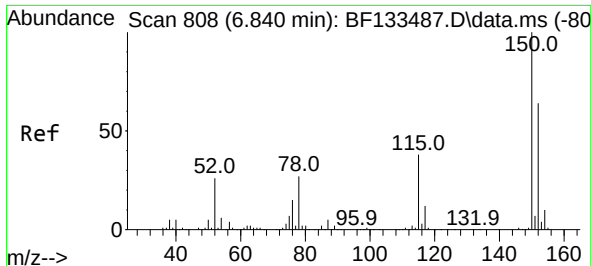
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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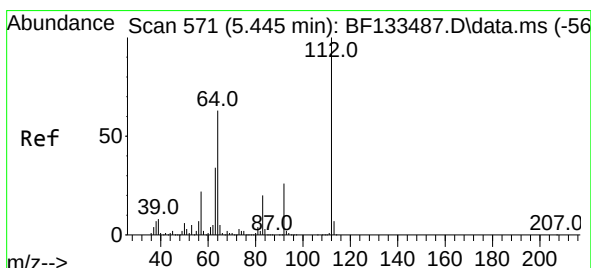
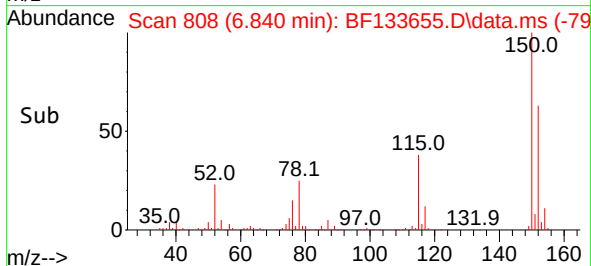
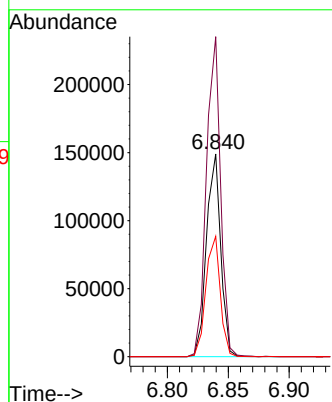
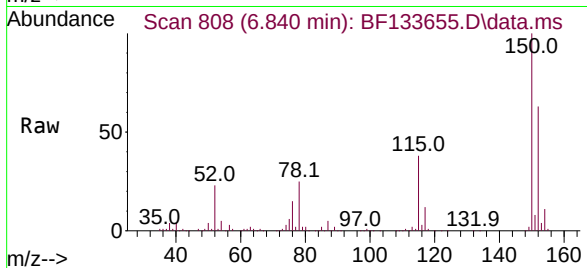




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. 0.001 min
Lab File: BF133655.D
Acq: 08 Jun 2023 23:27

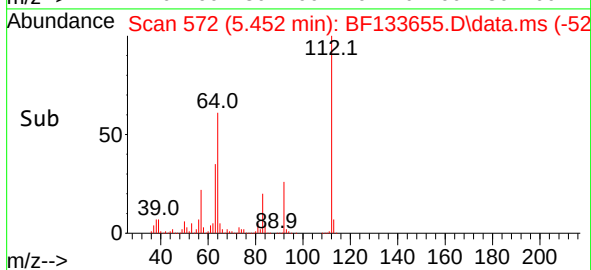
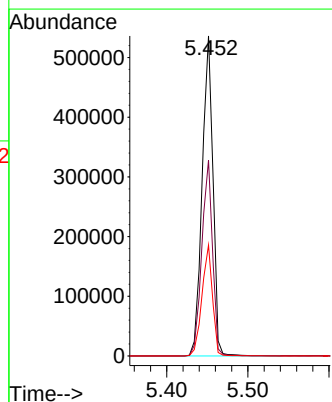
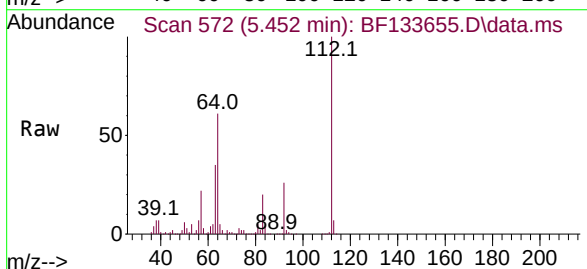
Instrument :
BNA_F
ClientSampleId :
WC34

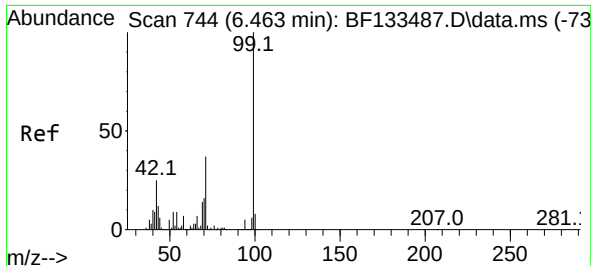
Tgt Ion:152 Resp: 120756
Ion Ratio Lower Upper
152 100
150 157.8 124.9 187.3
115 59.4 48.1 72.1



#5
2-Fluorophenol
Concen: 68.619 ng
RT: 5.452 min Scan# 572
Delta R.T. 0.006 min
Lab File: BF133655.D
Acq: 08 Jun 2023 23:27

Tgt Ion:112 Resp: 496636
Ion Ratio Lower Upper
112 100
64 61.2 50.1 75.1
63 34.7 27.5 41.3

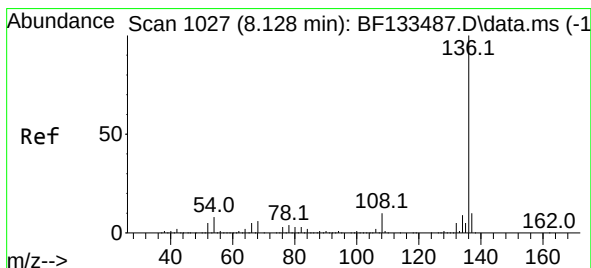
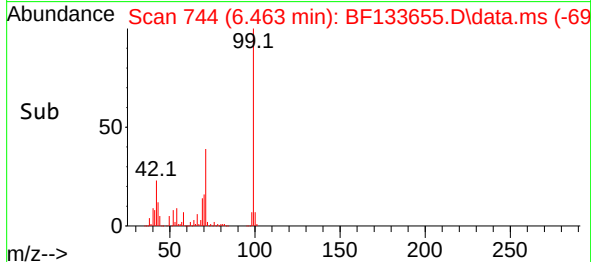
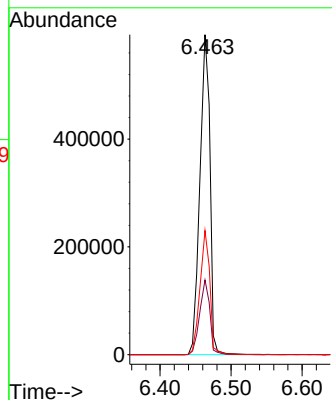
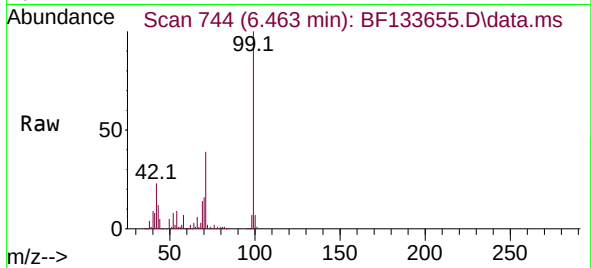




#7
Phenol-d6
Concen: 65.887 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133655.D
Acq: 08 Jun 2023 23:27

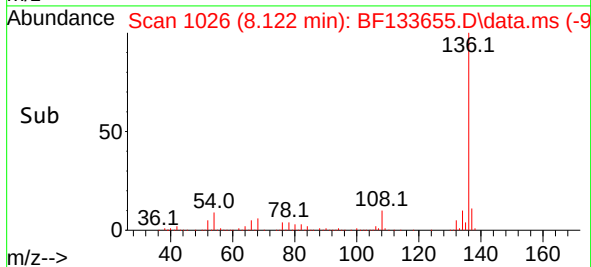
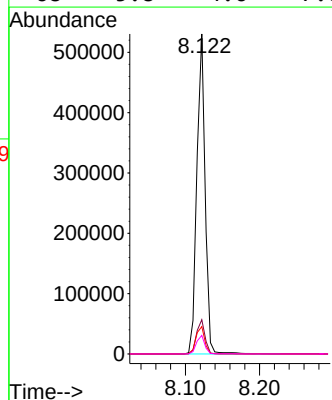
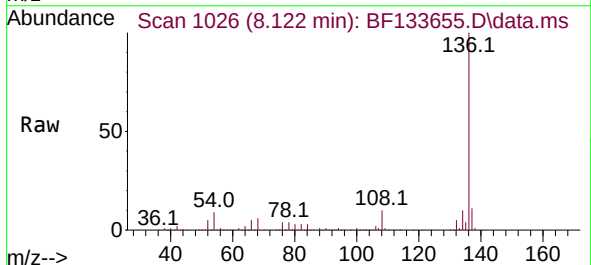
Instrument :
BNA_F
ClientSampleId :
WC34

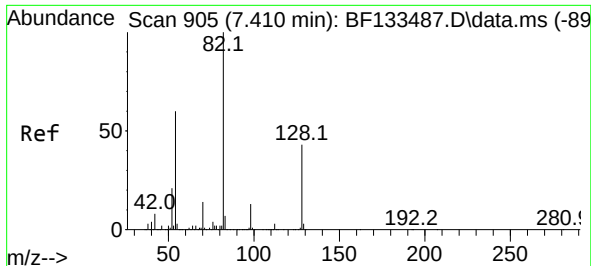
Tgt Ion: 99 Resp: 587021
Ion Ratio Lower Upper
99 100
42 23.3 19.7 29.5
71 38.8 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133655.D
Acq: 08 Jun 2023 23:27

Tgt Ion: 136 Resp: 410734
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.4
54 8.5 6.6 10.0
68 5.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 56.346 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133655.D

Acq: 08 Jun 2023 23:27

Instrument :

BNA_F

ClientSampleId :

WC34

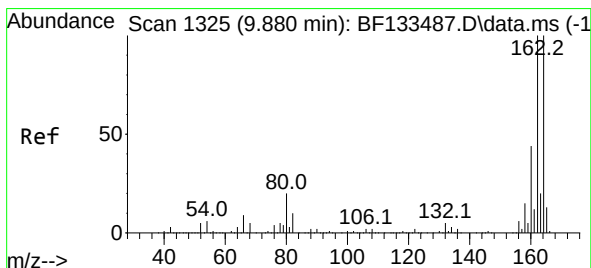
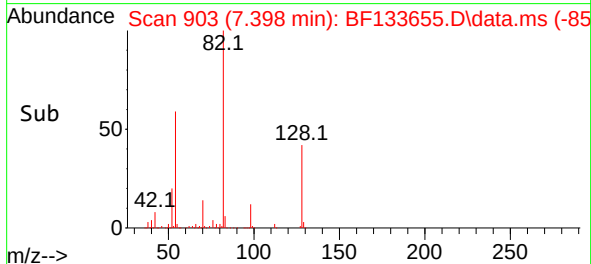
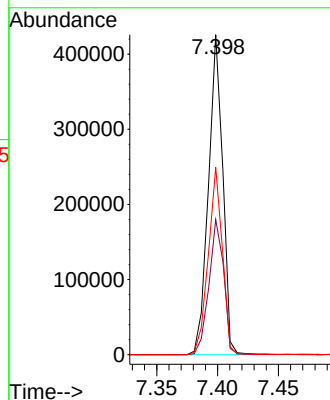
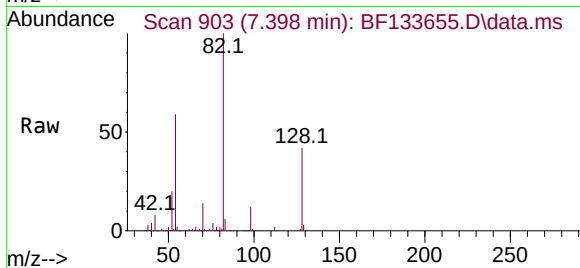
Tgt Ion: 82 Resp: 346620

Ion Ratio Lower Upper

82 100

128 42.2 34.2 51.4

54 58.6 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF133655.D

Acq: 08 Jun 2023 23:27

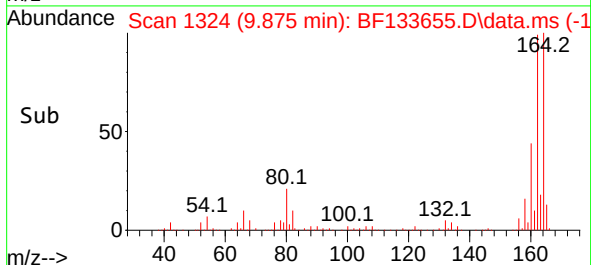
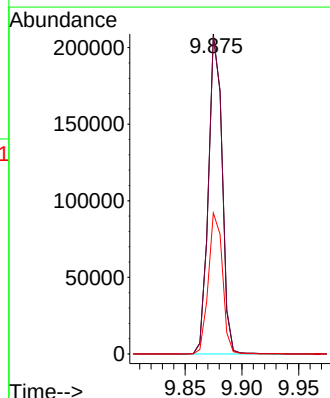
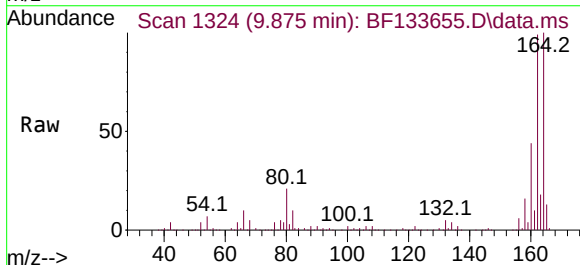
Tgt Ion: 164 Resp: 174152

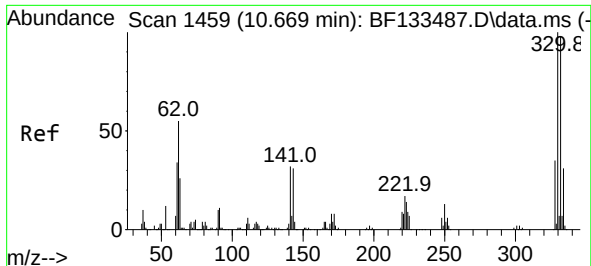
Ion Ratio Lower Upper

164 100

162 99.3 79.7 119.5

160 44.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 73.680 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF133655.D

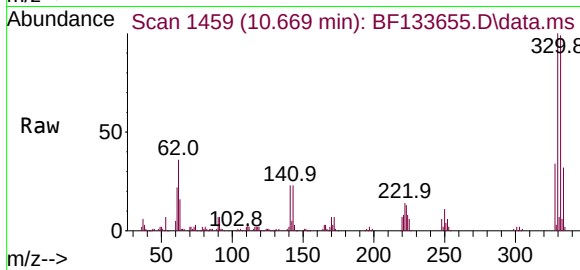
Acq: 08 Jun 2023 23:27

Instrument :

BNA_F

ClientSampleId :

WC34



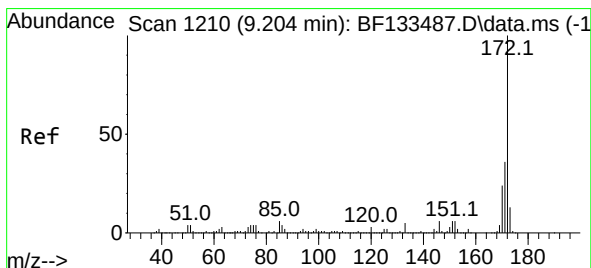
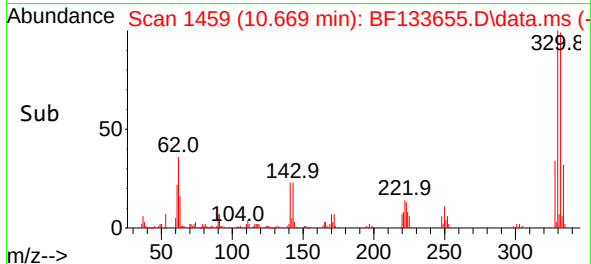
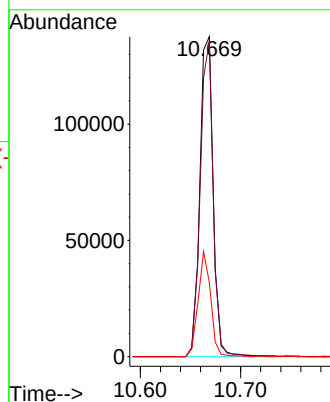
Tgt Ion:330 Resp: 127906

Ion Ratio Lower Upper

330 100

332 96.1 77.8 116.6

141 30.8 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 55.325 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF133655.D

Acq: 08 Jun 2023 23:27

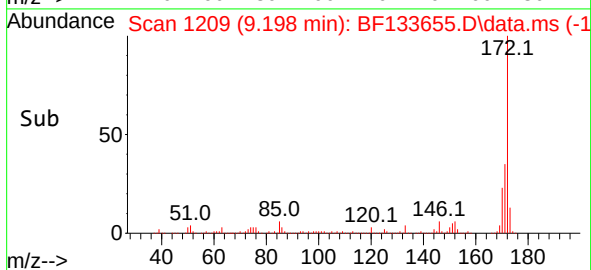
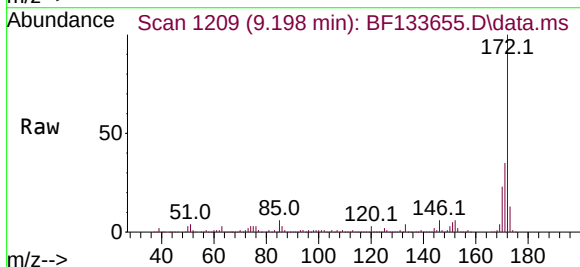
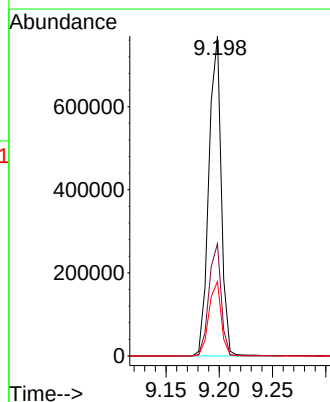
Tgt Ion:172 Resp: 624255

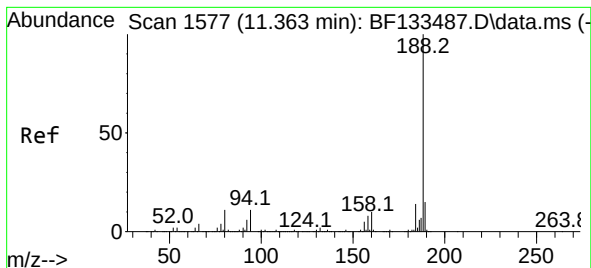
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.2 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133655.D

Acq: 08 Jun 2023 23:27

Instrument :

BNA_F

ClientSampleId :

WC34

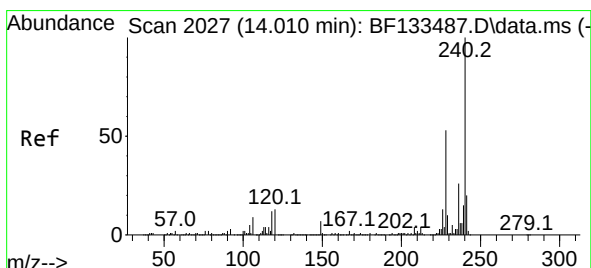
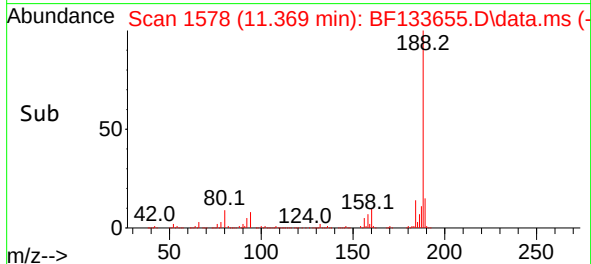
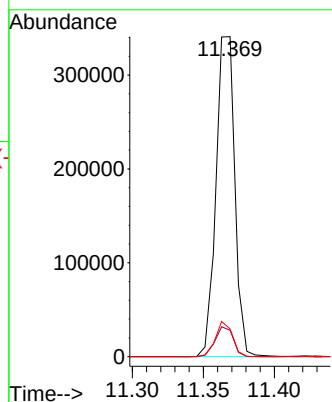
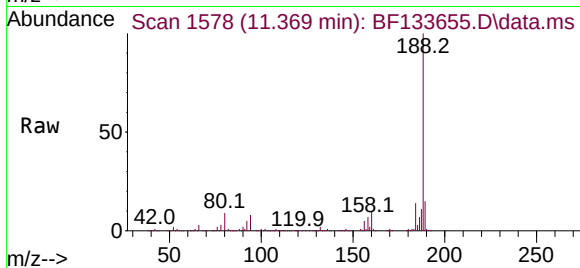
Tgt Ion:188 Resp: 313483

Ion Ratio Lower Upper

188 100

94 8.3 8.6 12.8#

80 8.6 9.2 13.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF133655.D

Acq: 08 Jun 2023 23:27

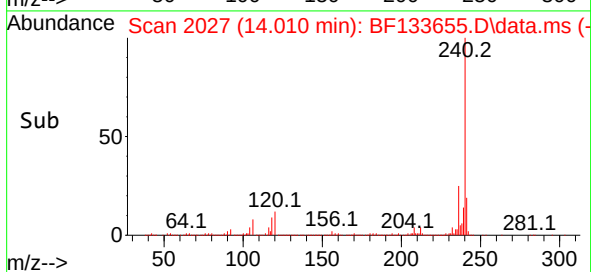
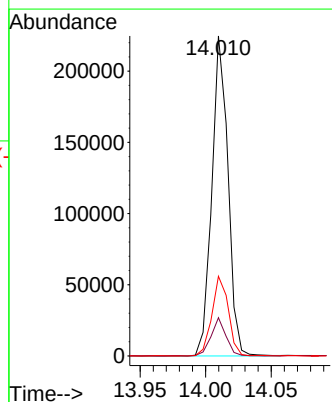
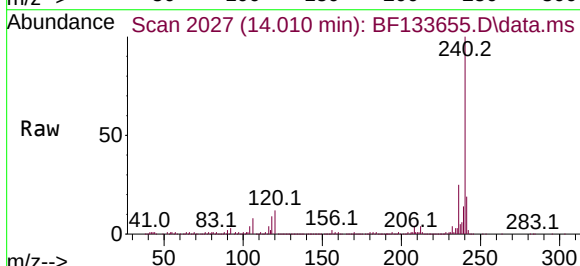
Tgt Ion:240 Resp: 192692

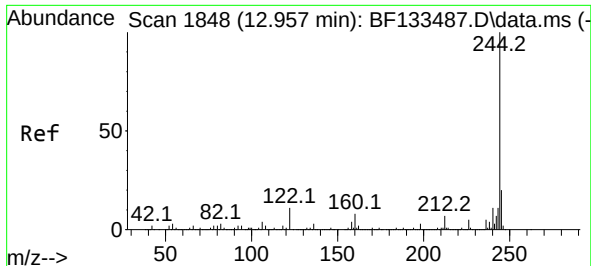
Ion Ratio Lower Upper

240 100

120 12.0 10.3 15.5

236 24.9 20.5 30.7

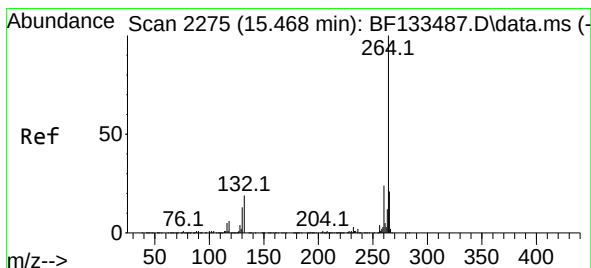
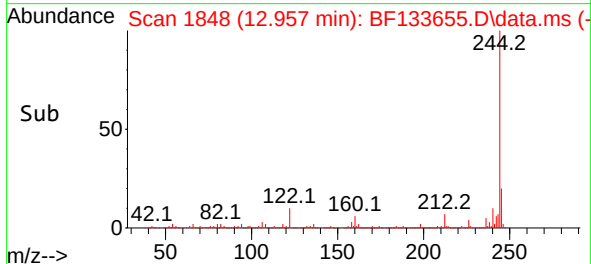
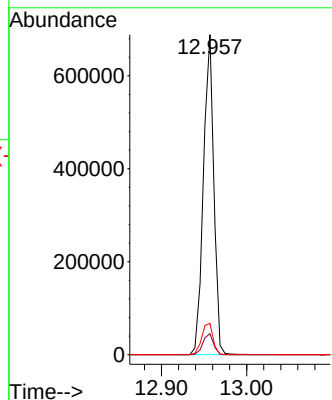
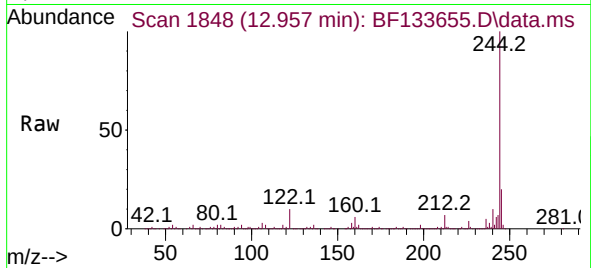




#79
 Terphenyl-d14
 Concen: 53.846 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133655.D
 Acq: 08 Jun 2023 23:27

Instrument :
 BNA_F
 ClientSampleId :
 WC34

Tgt Ion:244 Resp: 583567
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 9.8 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. 0.000 min
 Lab File: BF133655.D
 Acq: 08 Jun 2023 23:27

Tgt Ion:264 Resp: 160056
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.0 28.4
 265 20.0 16.8 25.2

