

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060823\
 Data File : BF133638.D
 Acq On : 08 Jun 2023 12:58
 Operator : CG\JU
 Sample : 03041-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

Quant Time: Jun 08 13:57:43 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	6.834	152	117236	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	436163	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	165629	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	166519	20.000	ng	# 0.02
76) Chrysene-d12	14.033	240	175803	20.000	ng	0.02
86) Perylene-d12	15.492	264	216944	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	359294	51.133	ng	0.00
7) Phenol-d6	6.457	99	514150	59.441	ng	-0.01
23) Nitrobenzene-d5	7.398	82	356736	54.610	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	64725	39.203	ng	0.01
45) 2-Fluorobiphenyl	9.192	172	670834	62.513	ng	0.00
79) Terphenyl-d14	12.986	244	388088	39.249	ng	0.03

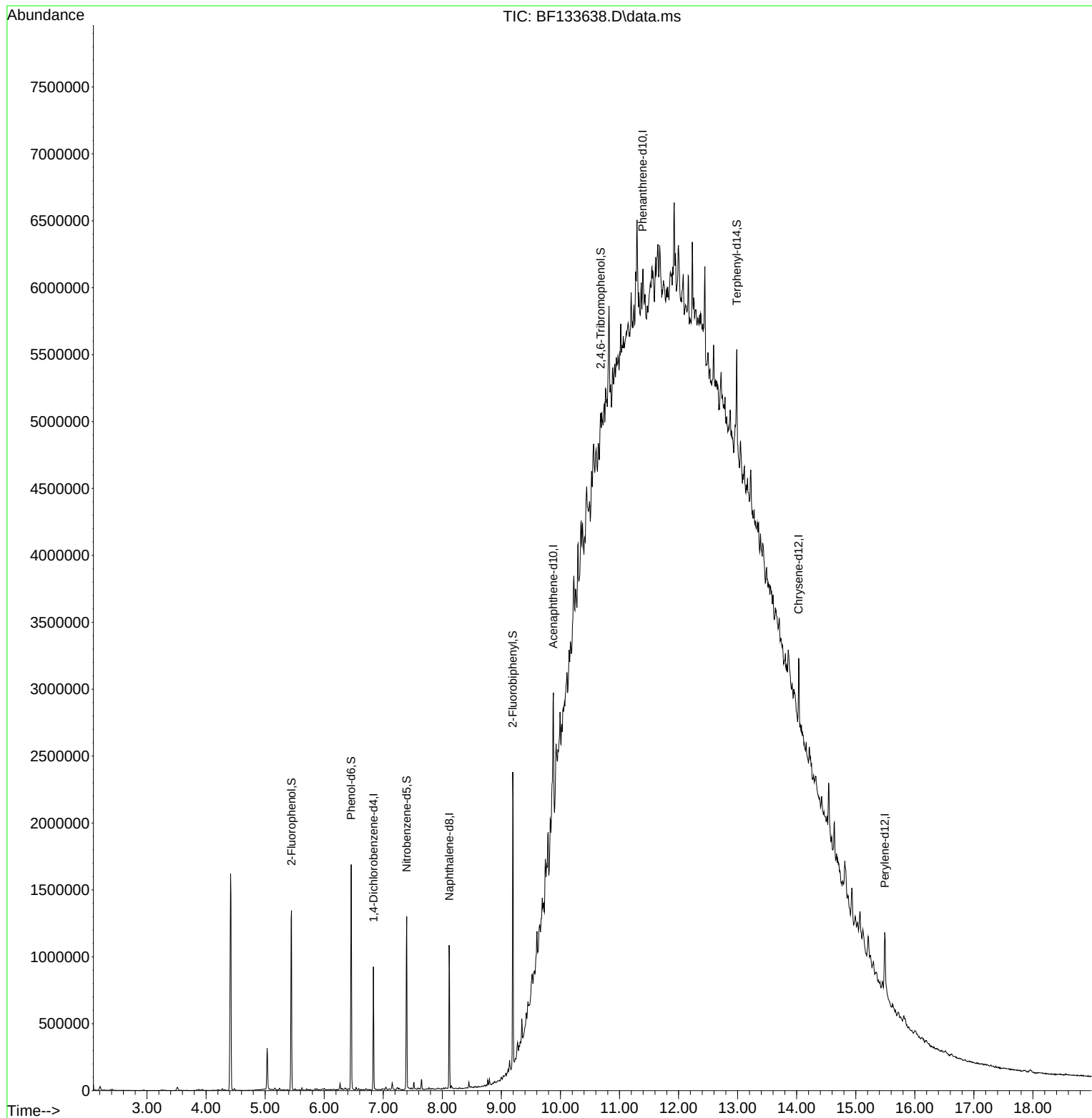
Target Compounds	Qvalue

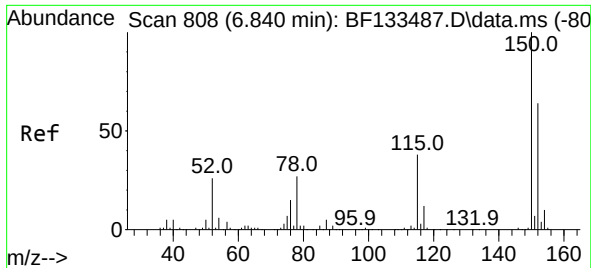
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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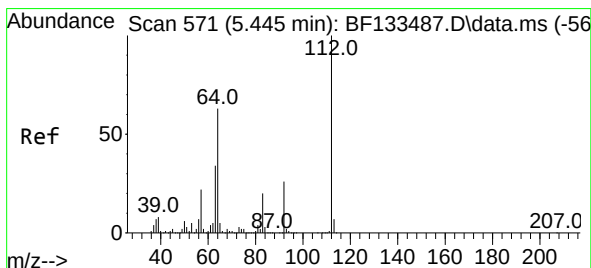
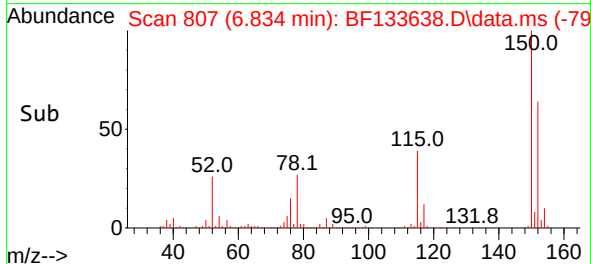
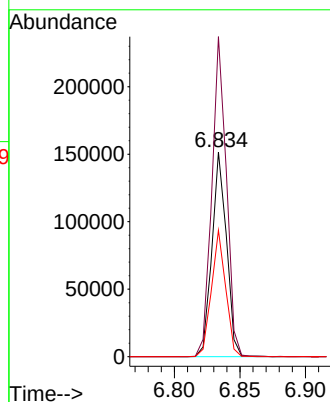
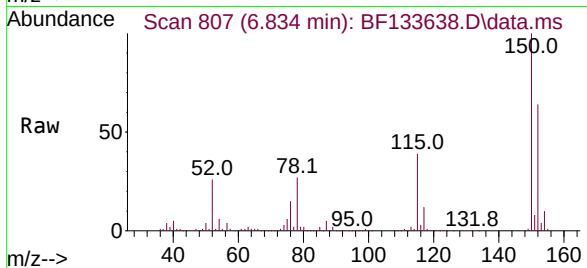




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF133638.D
Acq: 08 Jun 2023 12:58

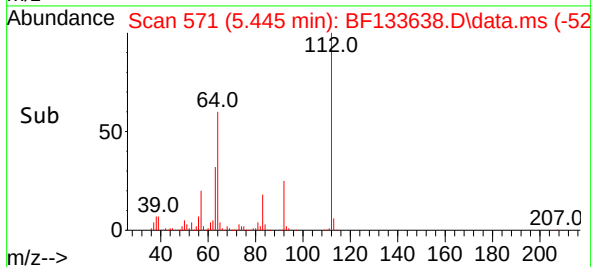
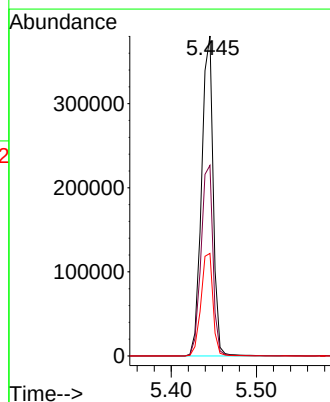
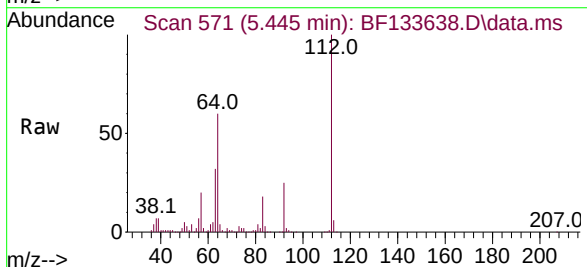
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

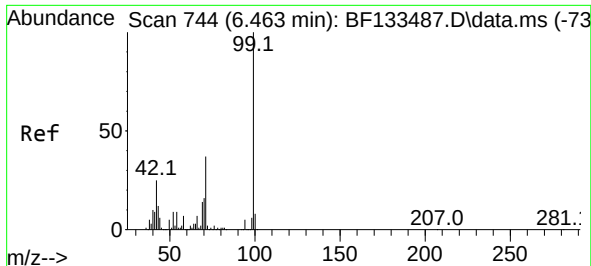
Tgt Ion:152 Resp: 117236
Ion Ratio Lower Upper
152 100
150 156.4 124.9 187.3
115 61.7 48.1 72.1



#5
2-Fluorophenol
Concen: 51.133 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF133638.D
Acq: 08 Jun 2023 12:58

Tgt Ion:112 Resp: 359294
Ion Ratio Lower Upper
112 100
64 59.5 50.1 75.1
63 32.1 27.5 41.3





#7

Phenol-d6

Concen: 59.441 ng

RT: 6.457 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF133638.D

Acq: 08 Jun 2023 12:58

Instrument :

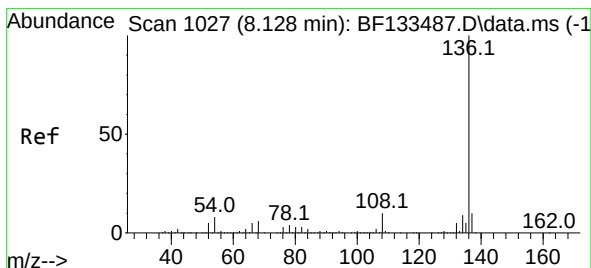
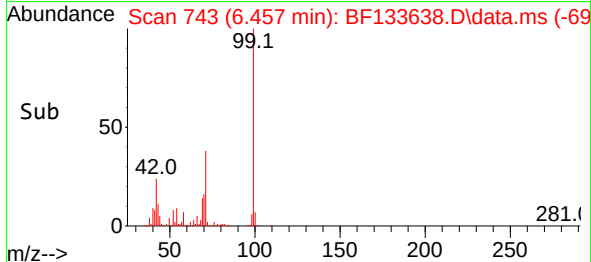
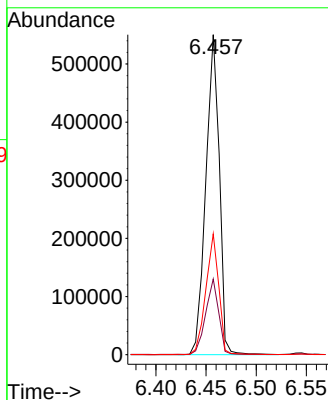
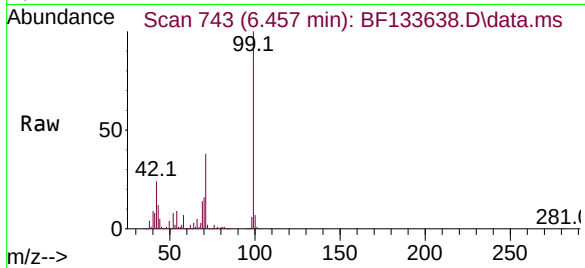
BNA_F

ClientSampleId :

CONC-WC-1

Tgt Ion: 99 Resp: 514150

Ion	Ratio	Lower	Upper
99	100		
42	23.6	19.7	29.5
71	37.8	29.8	44.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 1025

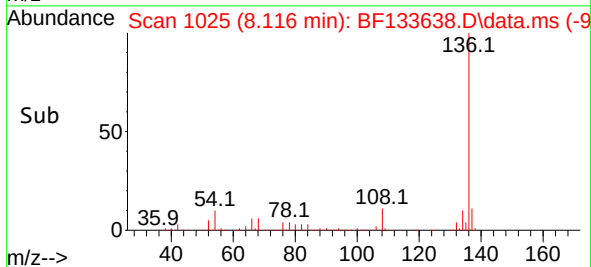
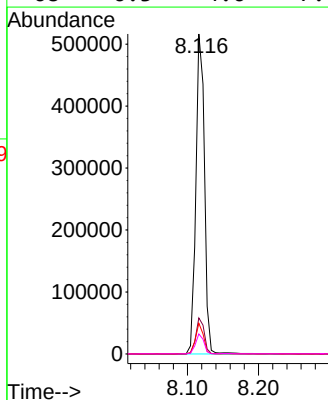
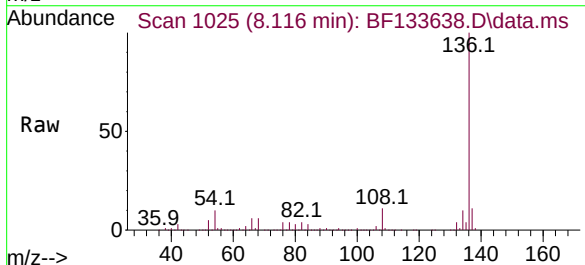
Delta R.T. -0.006 min

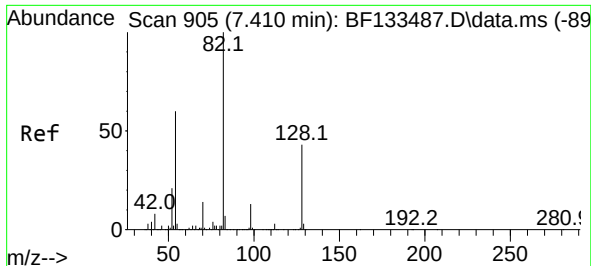
Lab File: BF133638.D

Acq: 08 Jun 2023 12:58

Tgt Ion: 136 Resp: 436163

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	9.6	6.6	10.0
68	6.3	4.6	7.0

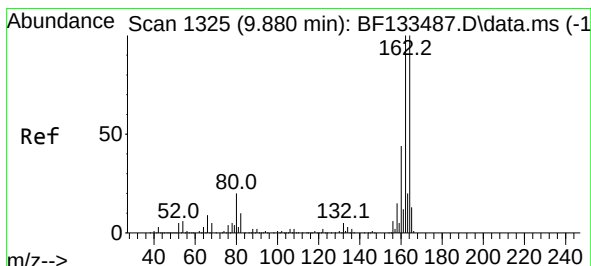
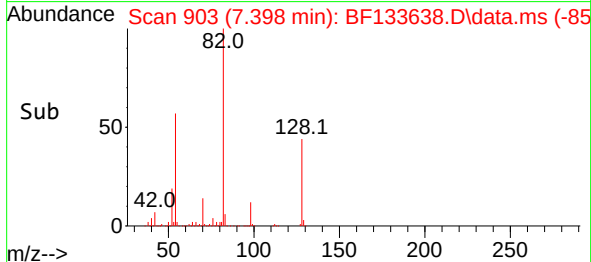
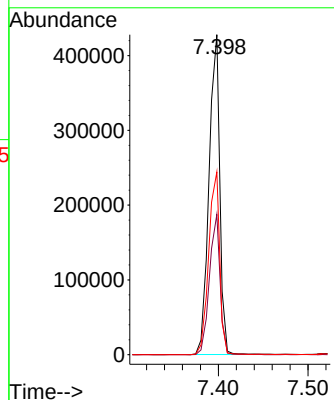
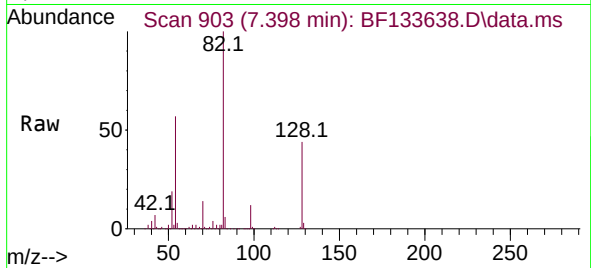




#23
Nitrobenzene-d5
Concen: 54.610 ng
RT: 7.398 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF133638.D
Acq: 08 Jun 2023 12:58

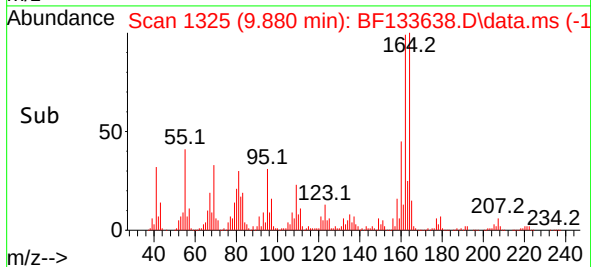
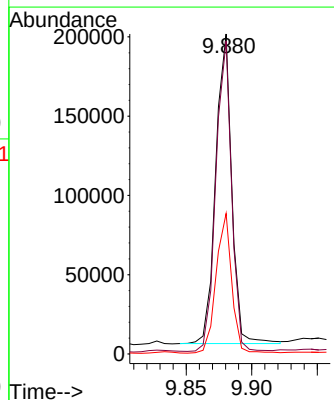
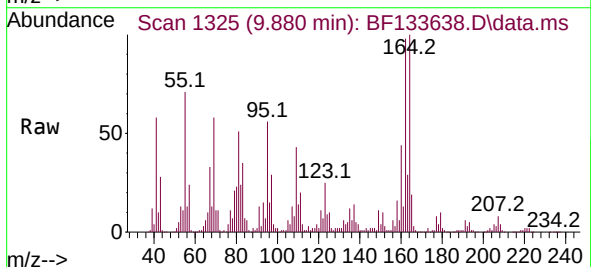
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

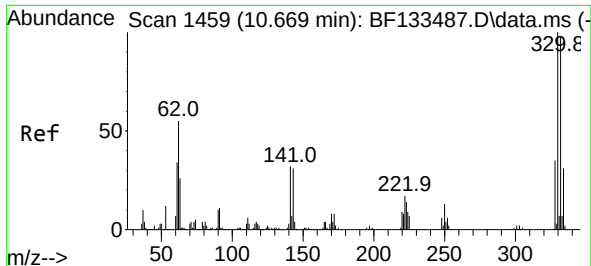
Tgt Ion: 82 Resp: 356736
Ion Ratio Lower Upper
82 100
128 43.9 34.2 51.4
54 57.1 48.2 72.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF133638.D
Acq: 08 Jun 2023 12:58

Tgt Ion:164 Resp: 165629
Ion Ratio Lower Upper
164 100
162 97.8 79.7 119.5
160 43.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 39.203 ng

RT: 10.680 min Scan# 1459

Delta R.T. 0.012 min

Lab File: BF133638.D

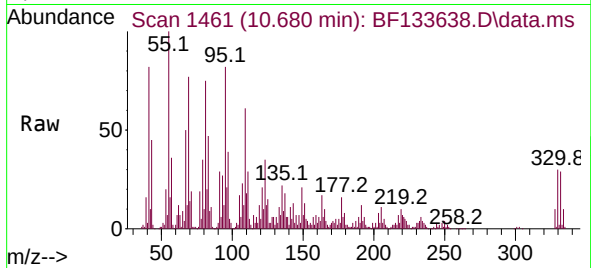
Acq: 08 Jun 2023 12:58

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1



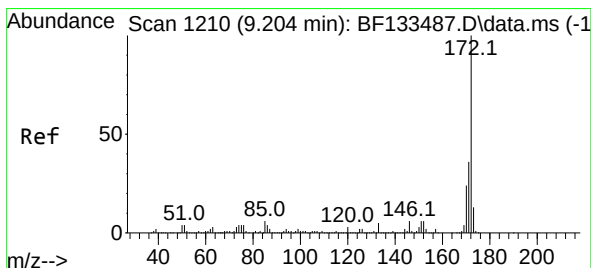
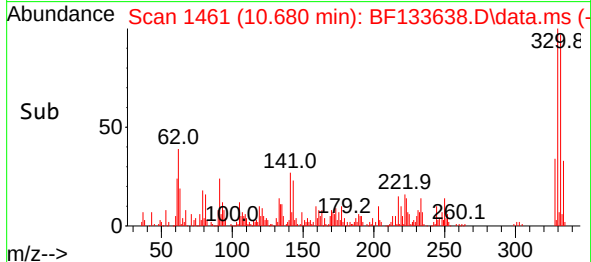
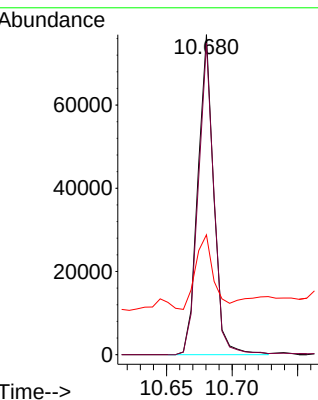
Tgt Ion:330 Resp: 64725

Ion Ratio Lower Upper

330 100

332 96.7 77.8 116.6

141 25.9 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 62.513 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133638.D

Acq: 08 Jun 2023 12:58

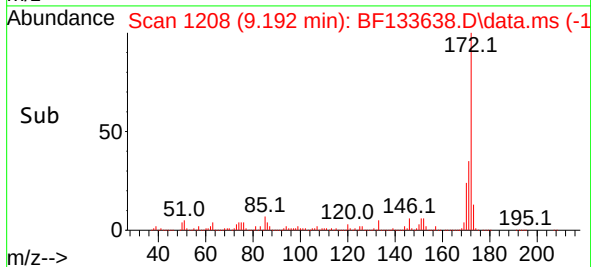
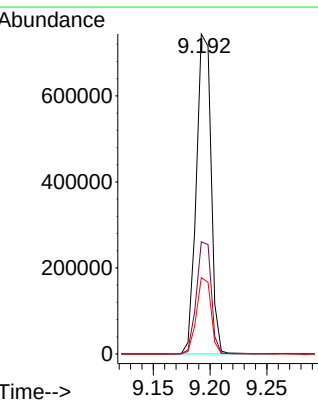
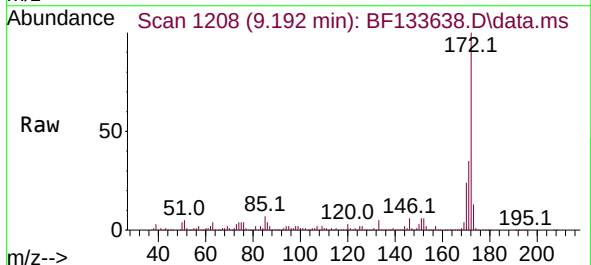
Tgt Ion:172 Resp: 670834

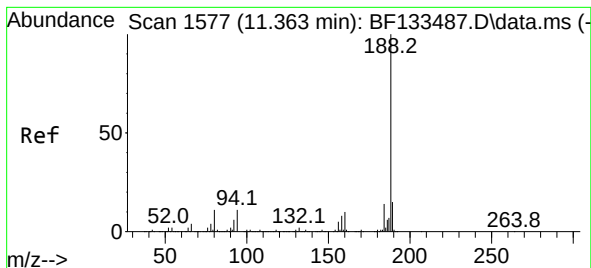
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.9 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. 0.024 min

Lab File: BF133638.D

Acq: 08 Jun 2023 12:58

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

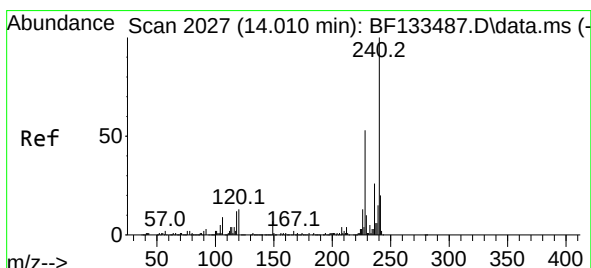
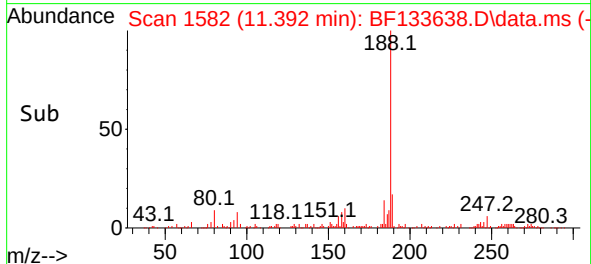
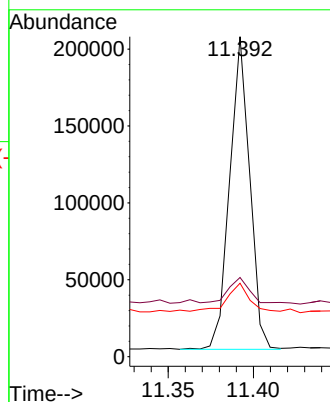
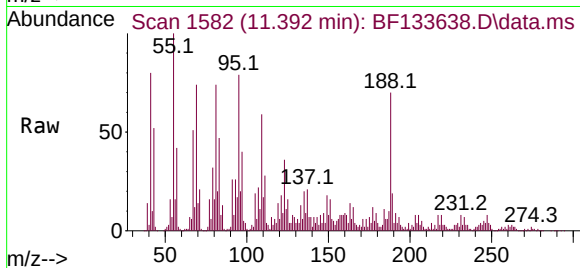
Tgt Ion:188 Resp: 166519

Ion Ratio Lower Upper

188 100

94 24.8 8.6 12.8#

80 22.9 9.2 13.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.018 min

Lab File: BF133638.D

Acq: 08 Jun 2023 12:58

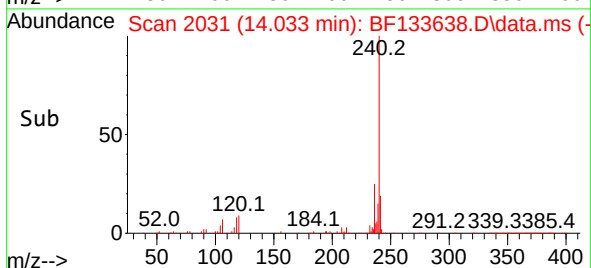
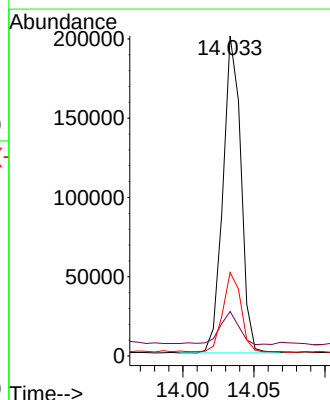
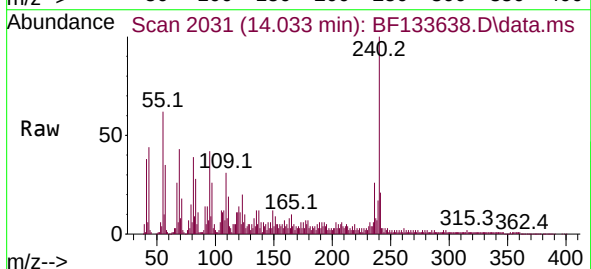
Tgt Ion:240 Resp: 175803

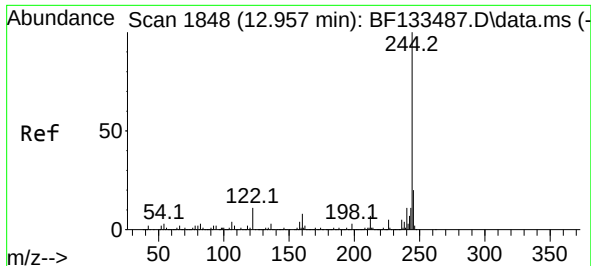
Ion Ratio Lower Upper

240 100

120 13.9 10.3 15.5

236 26.1 20.5 30.7

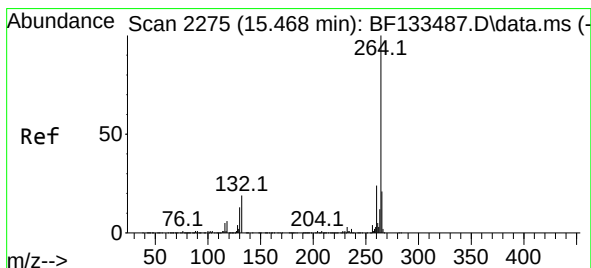
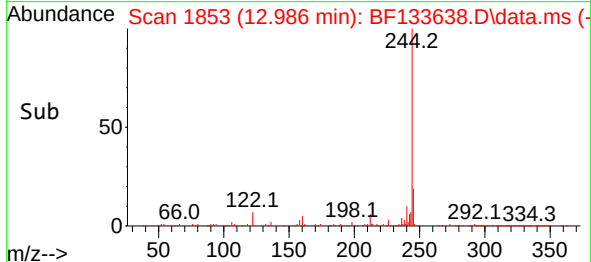
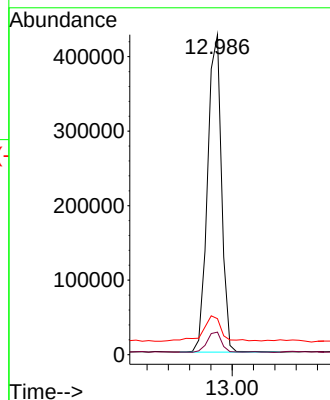
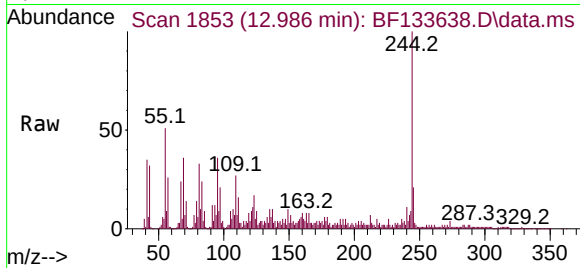




#79
 Terphenyl-d14
 Concen: 39.249 ng
 RT: 12.986 min Scan# 1848
 Delta R.T. 0.029 min
 Lab File: BF133638.D
 Acq: 08 Jun 2023 12:58

Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

Tgt Ion:244 Resp: 388088
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 11.3 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. 0.012 min
 Lab File: BF133638.D
 Acq: 08 Jun 2023 12:58

Tgt Ion:264 Resp: 216944
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 22.0 16.8 25.2

