

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052623\
 Data File : BF133513.D
 Acq On : 26 May 2023 22:41
 Operator : CG\JU
 Sample : 02908-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC13

Quant Time: May 27 01:13:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 23:30:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	137618	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	518741	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	245328	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	460264	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	259553	20.000	ng	-0.01
86) Perylene-d12	15.457	264	264457	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	703785	85.326	ng	0.00
7) Phenol-d6	6.457	99	860613	84.759	ng	0.00
23) Nitrobenzene-d5	7.398	82	538947	69.369	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	219840	89.897	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	953868	60.011	ng	0.00
79) Terphenyl-d14	12.951	244	906411	62.091	ng	0.00

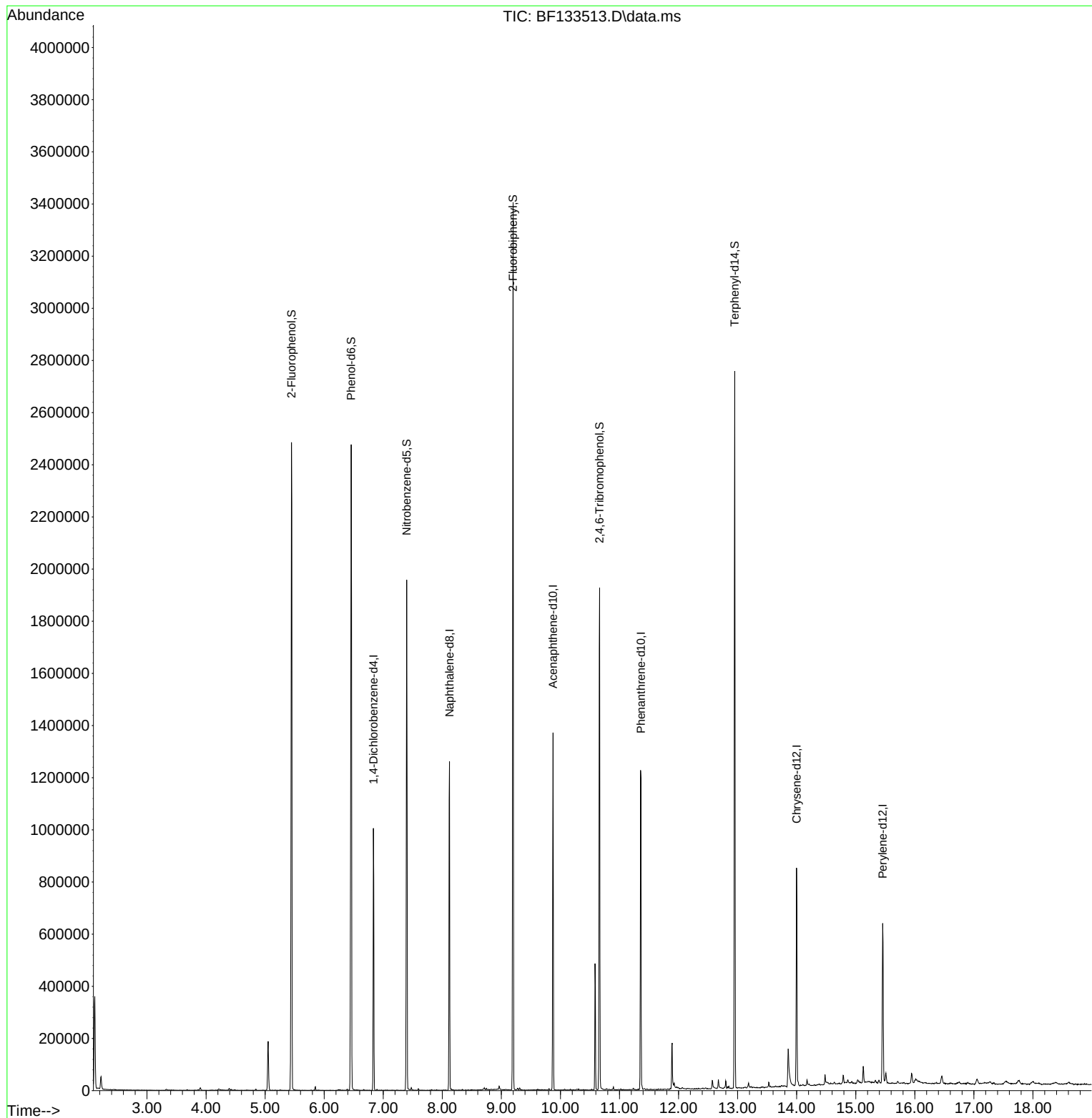
Target Compounds	Qvalue

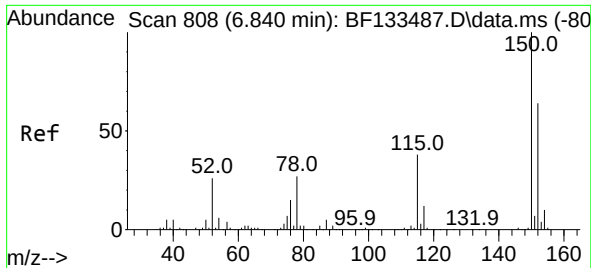
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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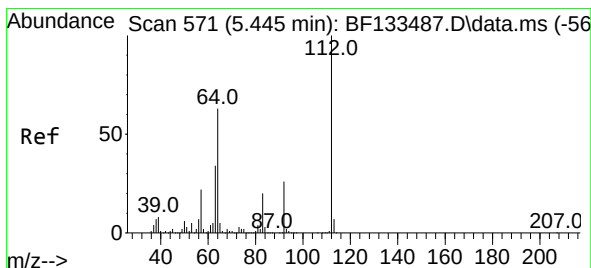
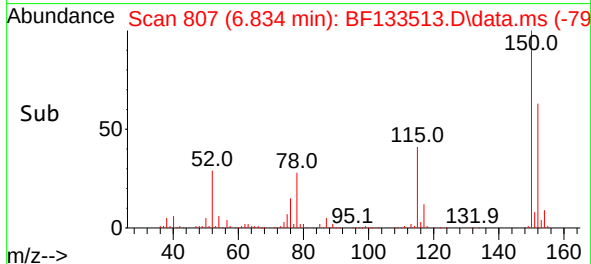
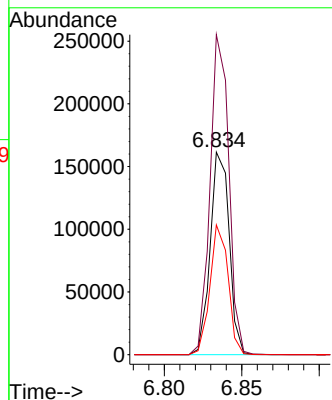
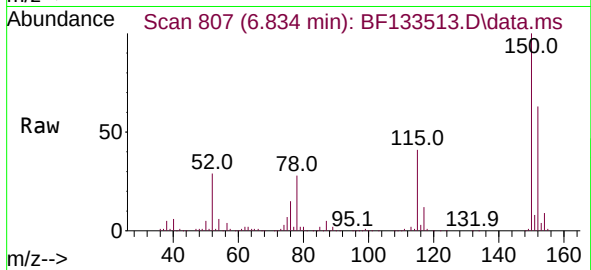




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133513.D
Acq: 26 May 2023 22:41

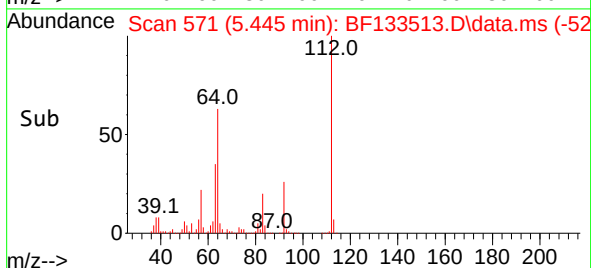
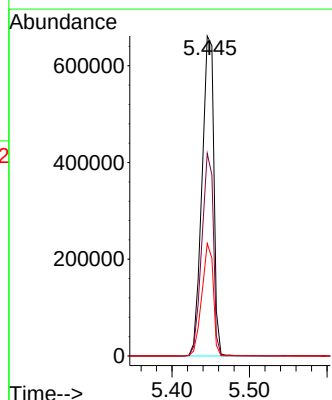
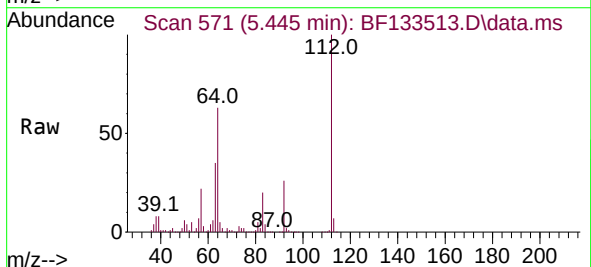
Instrument :
BNA_F
ClientSampleId :
WC13

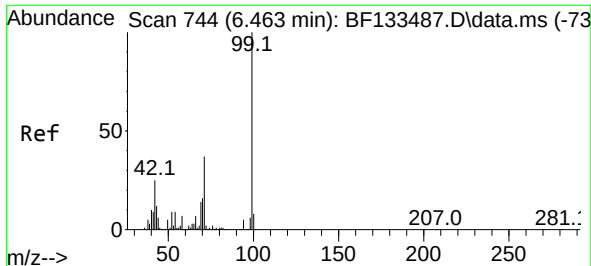
Tgt Ion:152 Resp: 137618
Ion Ratio Lower Upper
152 100
150 158.0 124.9 187.3
115 64.0 48.1 72.1



#5
2-Fluorophenol
Concen: 85.326 ng
RT: 5.445 min Scan# 571
Delta R.T. -0.000 min
Lab File: BF133513.D
Acq: 26 May 2023 22:41

Tgt Ion:112 Resp: 703785
Ion Ratio Lower Upper
112 100
64 63.3 50.1 75.1
63 35.2 27.5 41.3

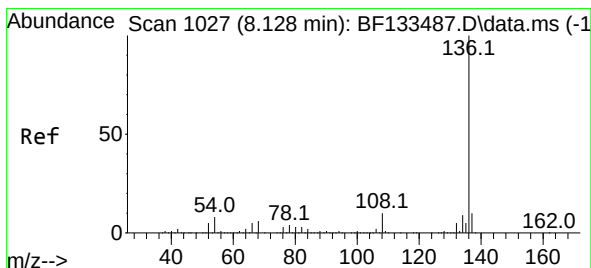
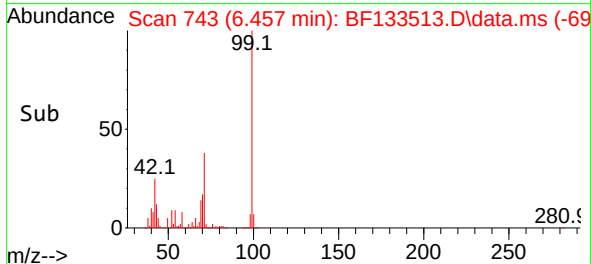
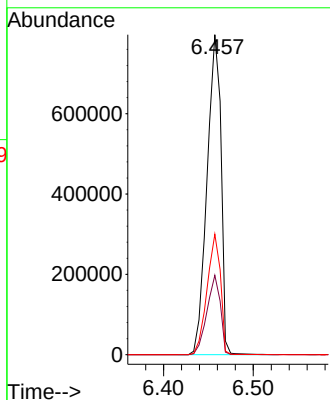
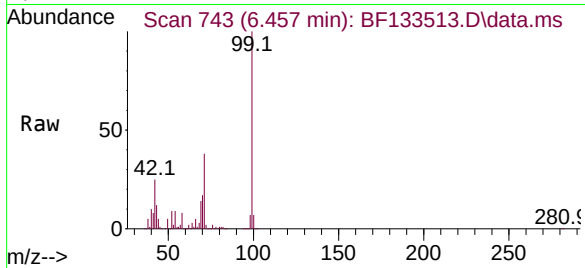




#7
Phenol-d6
Concen: 84.759 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133513.D
Acq: 26 May 2023 22:41

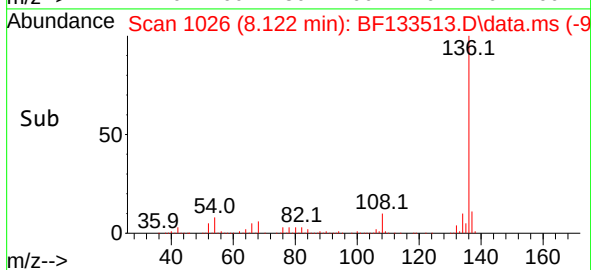
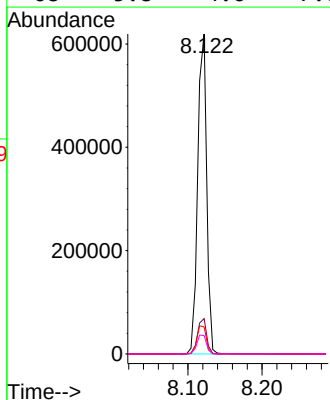
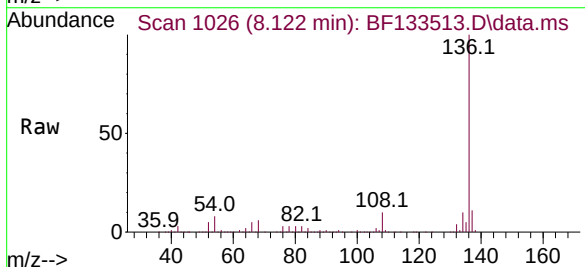
Instrument :
BNA_F
ClientSampleId :
WC13

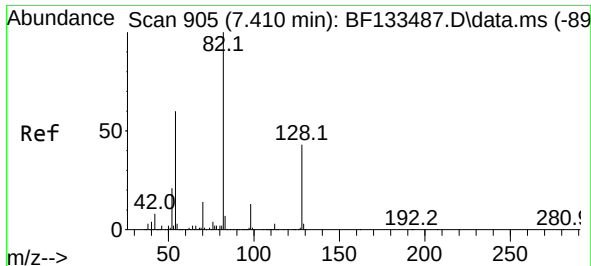
Tgt Ion: 99 Resp: 860613
Ion Ratio Lower Upper
99 100
42 24.8 19.7 29.5
71 37.7 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133513.D
Acq: 26 May 2023 22:41

Tgt Ion: 136 Resp: 518741
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.4
54 8.5 6.6 10.0
68 5.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 69.369 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133513.D

Acq: 26 May 2023 22:41

Instrument :

BNA_F

ClientSampleId :

WC13

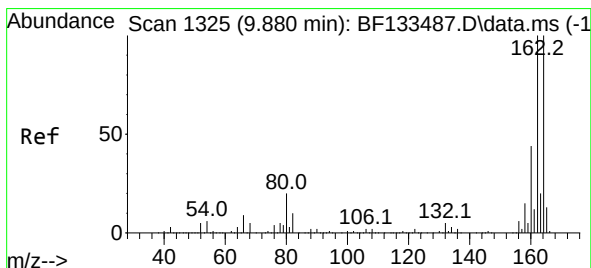
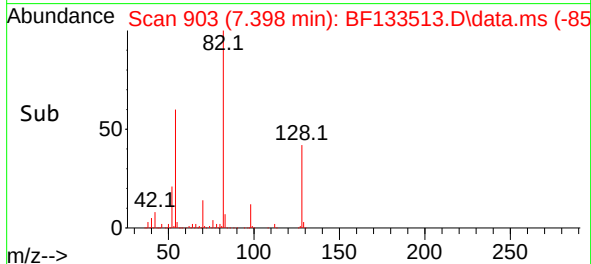
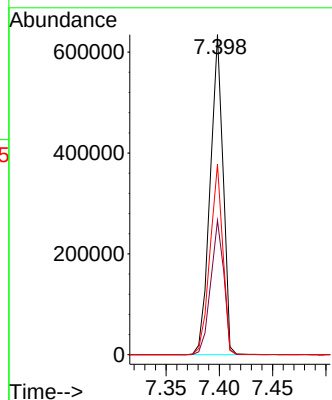
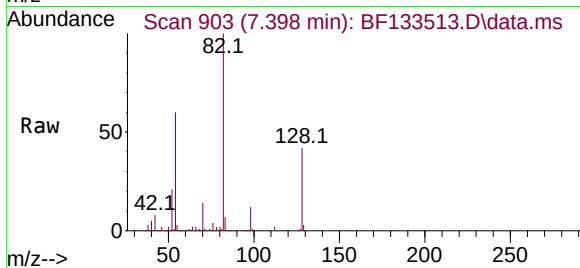
Tgt Ion: 82 Resp: 538947

Ion Ratio Lower Upper

82 100

128 42.0 34.2 51.4

54 59.5 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: BF133513.D

Acq: 26 May 2023 22:41

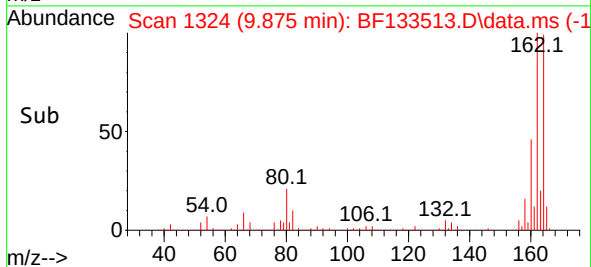
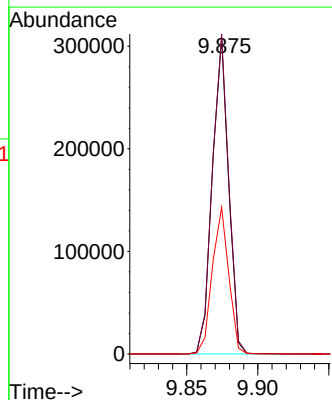
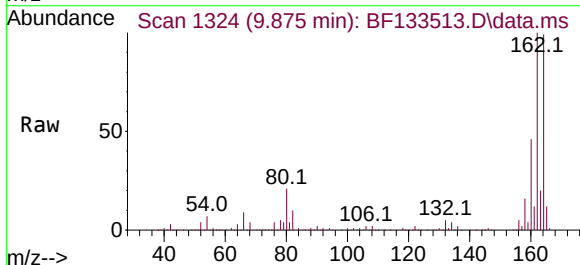
Tgt Ion: 164 Resp: 245328

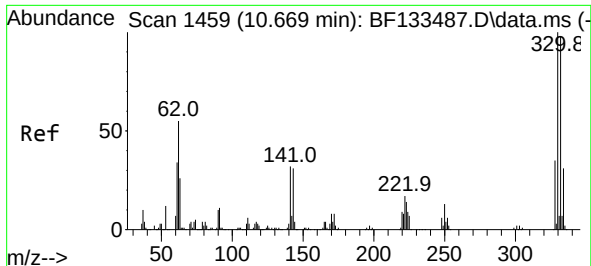
Ion Ratio Lower Upper

164 100

162 101.2 79.7 119.5

160 46.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 89.897 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133513.D

Acq: 26 May 2023 22:41

Instrument :

BNA_F

ClientSampleId :

WC13

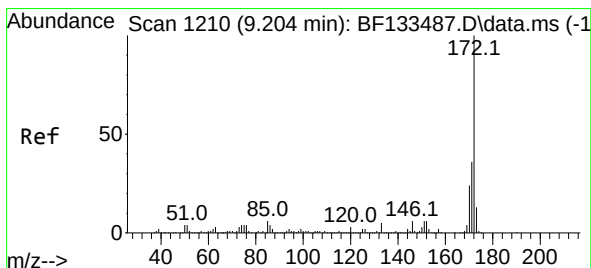
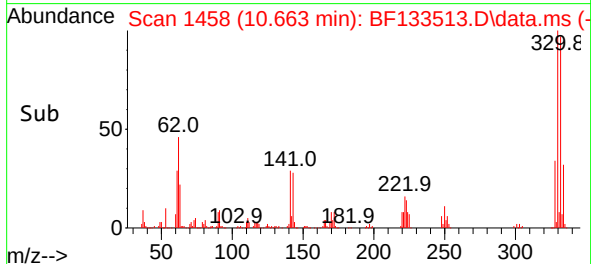
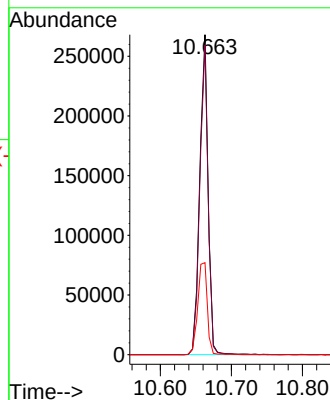
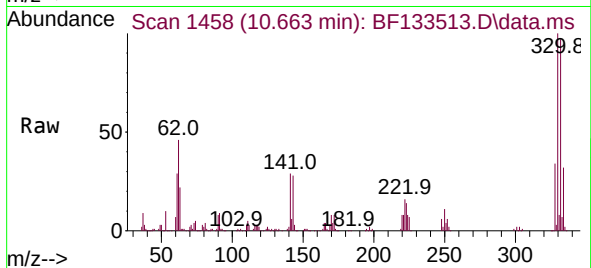
Tgt Ion:330 Resp: 219840

Ion Ratio Lower Upper

330 100

332 95.5 77.8 116.6

141 32.9 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 60.011 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133513.D

Acq: 26 May 2023 22:41

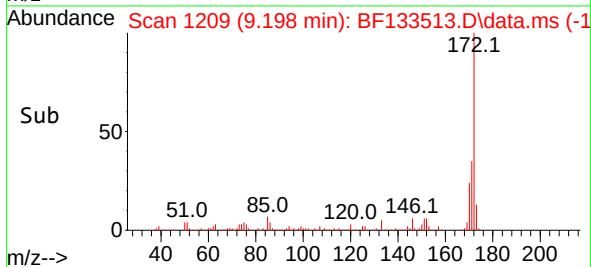
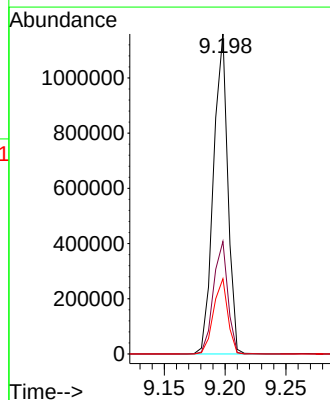
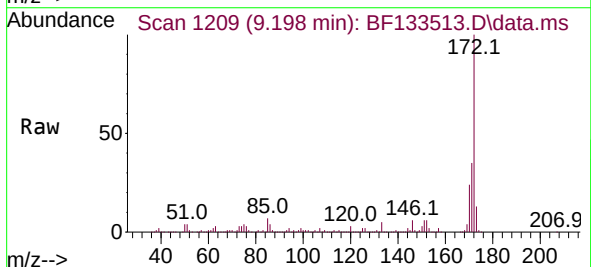
Tgt Ion:172 Resp: 953868

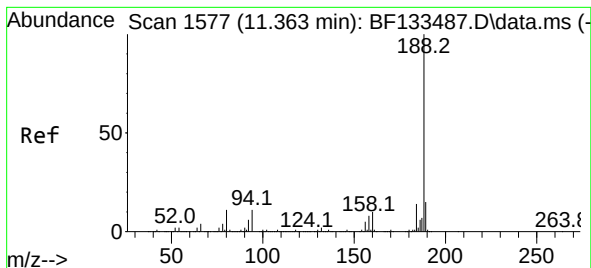
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.5 19.3 28.9

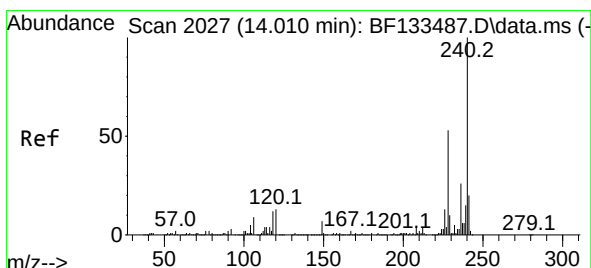
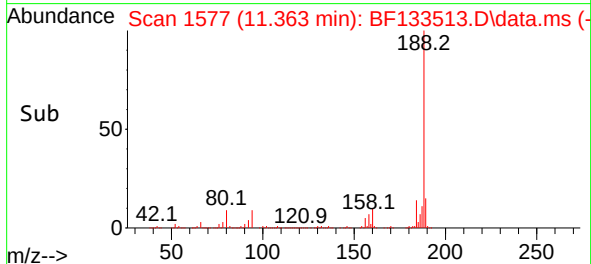
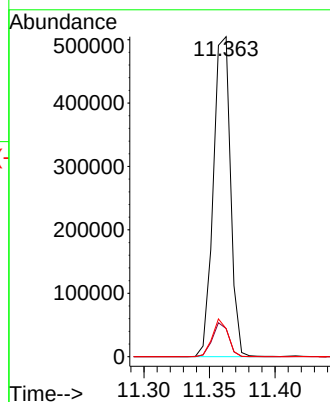
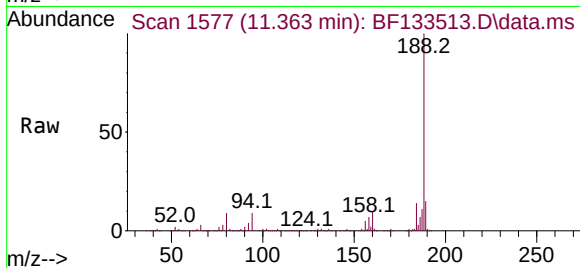




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133513.D
Acq: 26 May 2023 22:41

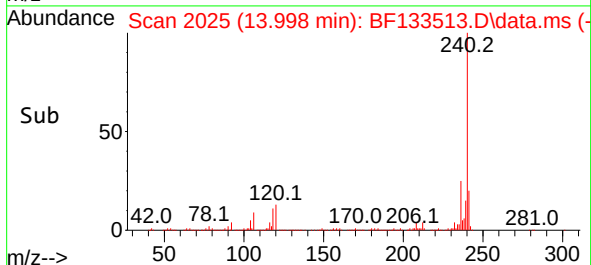
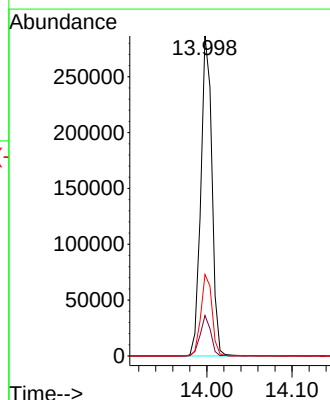
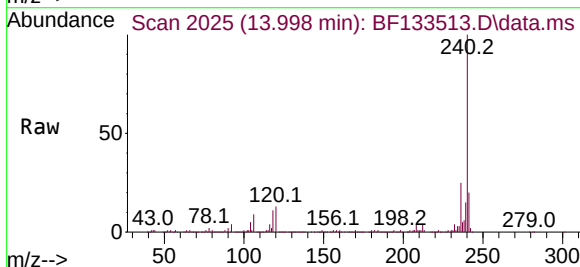
Instrument :
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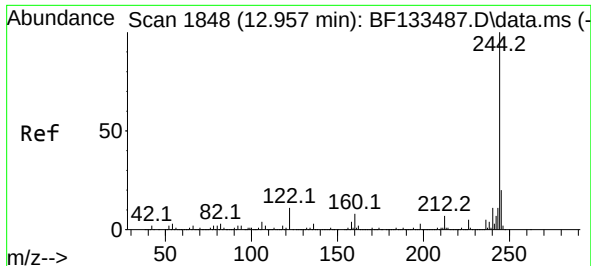
Tgt Ion:188 Resp: 460264
Ion Ratio Lower Upper
188 100
94 8.8 8.6 12.8
80 8.8 9.2 13.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF133513.D
Acq: 26 May 2023 22:41

Tgt Ion:240 Resp: 259553
Ion Ratio Lower Upper
240 100
120 12.6 10.3 15.5
236 25.4 20.5 30.7

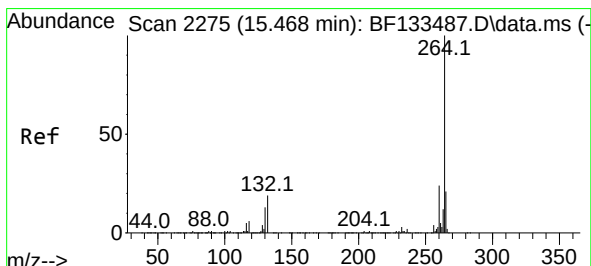
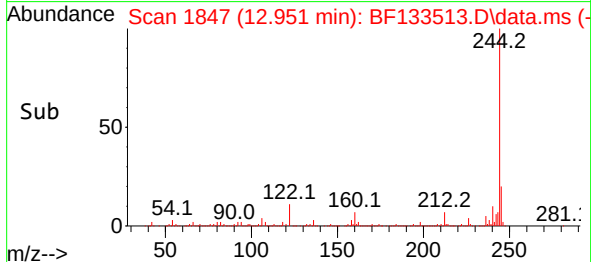
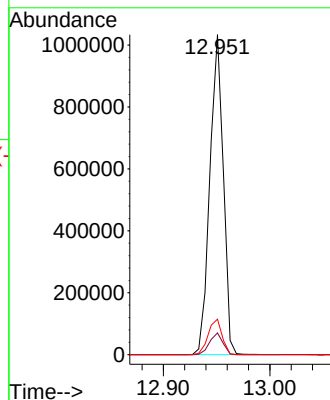
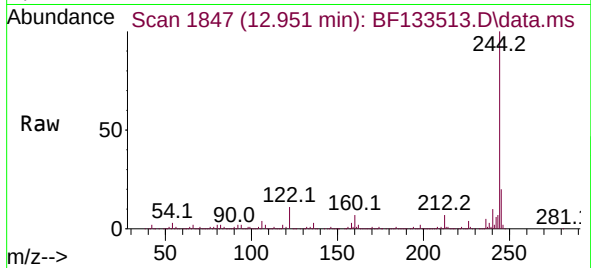




#79
 Terphenyl-d14
 Concen: 62.091 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF133513.D
 Acq: 26 May 2023 22:41

Instrument :
 BNA_F
 ClientSampleId :
 WC13

Tgt Ion:244 Resp: 906411
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 11.1 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.012 min
 Lab File: BF133513.D
 Acq: 26 May 2023 22:41

Tgt Ion:264 Resp: 264457
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 21.8 16.8 25.2

