

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
 Data File : BF133583.D
 Acq On : 06 Jun 2023 00:23
 Operator : CG\JU
 Sample : 02983-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC18

Quant Time: Jun 06 01:09:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 17:49:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	133869	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	492491	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	216689	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	385707	20.000	ng	0.00
76) Chrysene-d12	14.004	240	227422	20.000	ng	0.00
86) Perylene-d12	15.468	264	193940	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	628084	78.281	ng	0.00
7) Phenol-d6	6.457	99	759172	76.863	ng	0.00
23) Nitrobenzene-d5	7.392	82	450838	61.122	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	178099	82.454	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	839532	59.798	ng	0.00
79) Terphenyl-d14	12.951	244	793841	62.062	ng	0.00

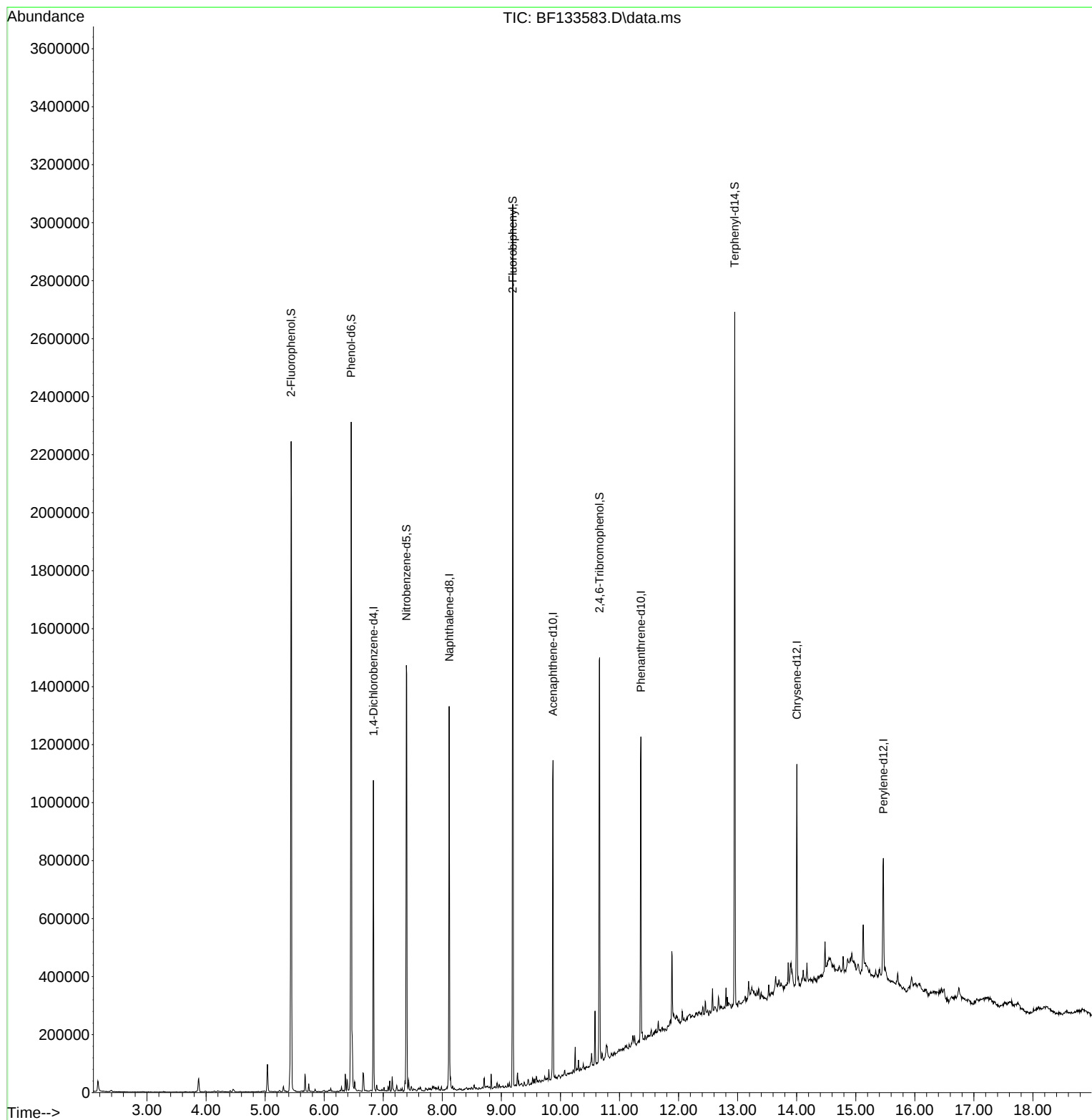
Target Compounds	Qvalue

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

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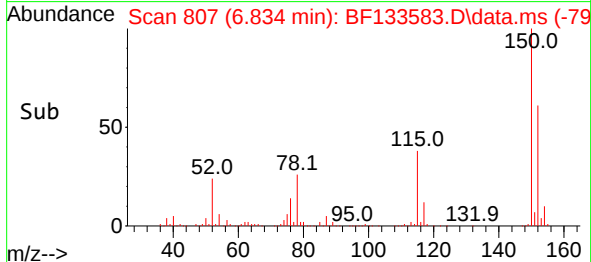
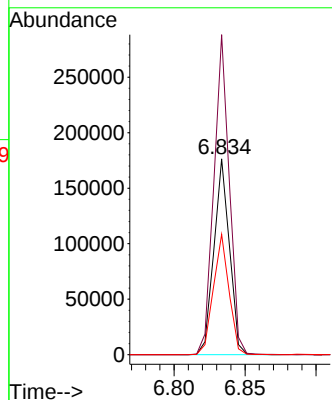
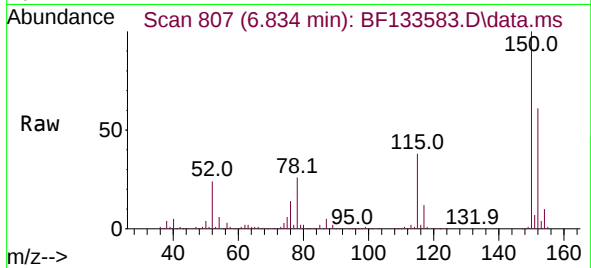




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133583.D
Acq: 06 Jun 2023 00:23

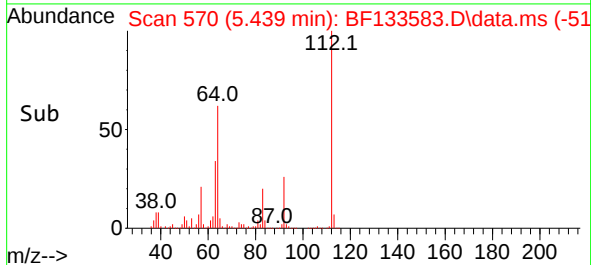
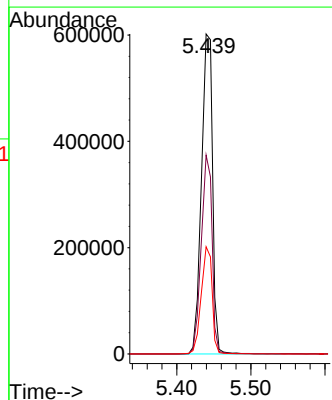
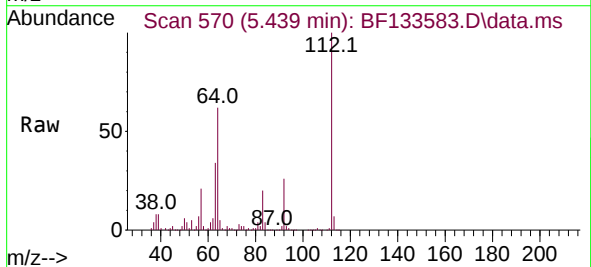
Instrument :
BNA_F
ClientSampleId :
WC18

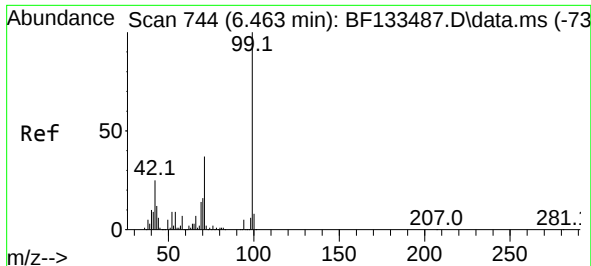
Tgt Ion:152 Resp: 133869
Ion Ratio Lower Upper
152 100
150 163.3 124.9 187.3
115 61.4 48.1 72.1



#5
2-Fluorophenol
Concen: 78.281 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF133583.D
Acq: 06 Jun 2023 00:23

Tgt Ion:112 Resp: 628084
Ion Ratio Lower Upper
112 100
64 62.1 50.1 75.1
63 33.5 27.5 41.3

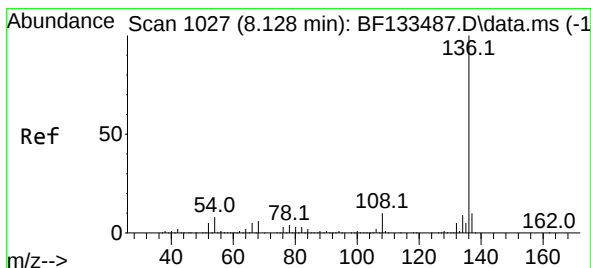
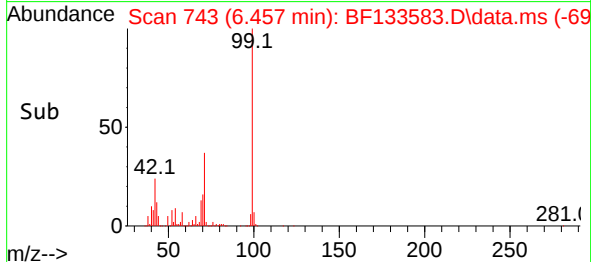
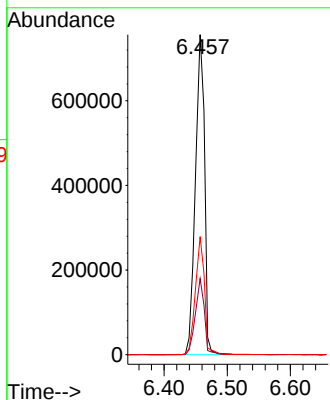
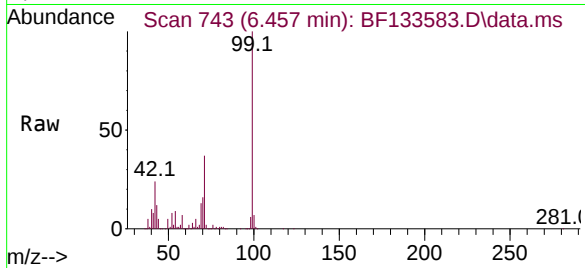




#7
Phenol-d6
Concen: 76.863 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF133583.D
Acq: 06 Jun 2023 00:23

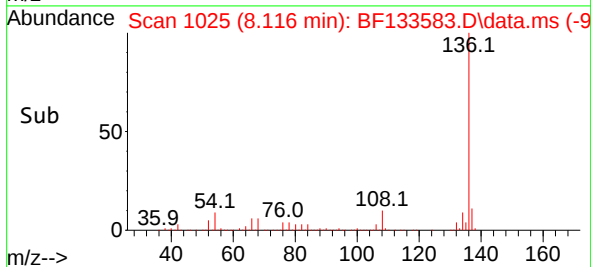
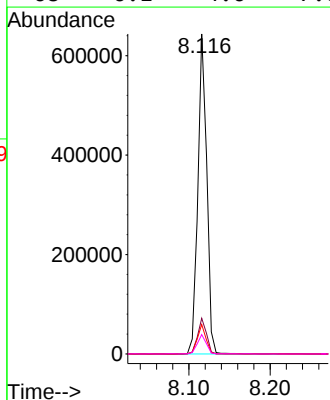
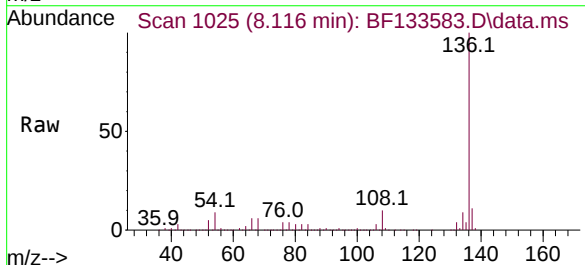
Instrument :
BNA_F
ClientSampleId :
WC18

Tgt Ion: 99 Resp: 759172
Ion Ratio Lower Upper
99 100
42 23.8 19.7 29.5
71 36.9 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF133583.D
Acq: 06 Jun 2023 00:23

Tgt Ion:136 Resp: 492491
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.4
54 9.2 6.6 10.0
68 6.1 4.6 7.0

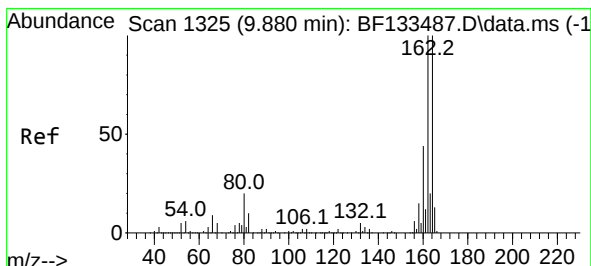
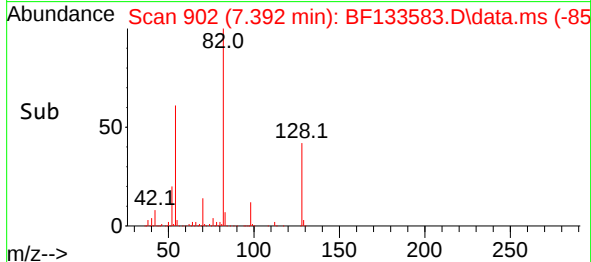
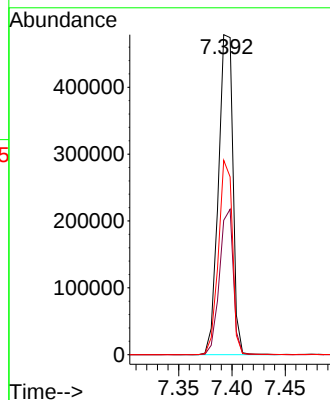
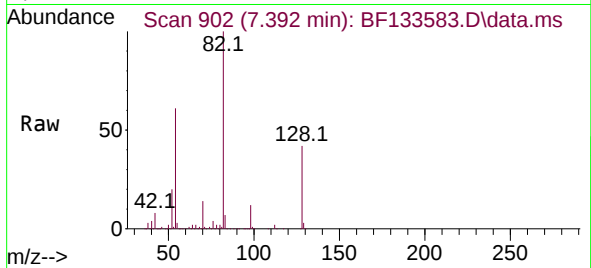




#23
Nitrobenzene-d5
Concen: 61.122 ng
RT: 7.392 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF133583.D
Acq: 06 Jun 2023 00:23

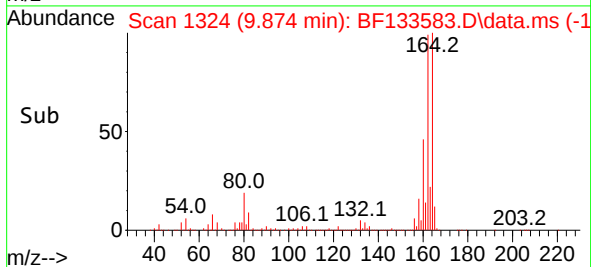
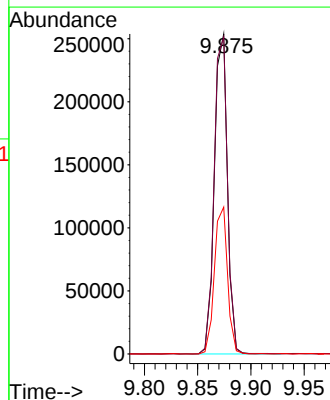
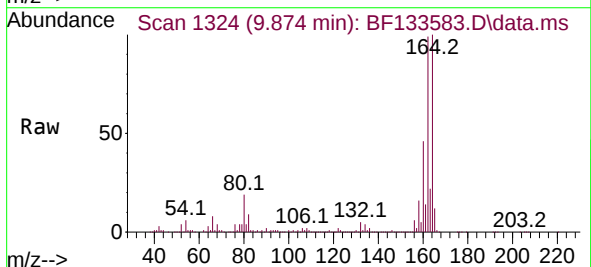
Instrument :
BNA_F
ClientSampleId :
WC18

Tgt Ion: 82 Resp: 450838
Ion Ratio Lower Upper
82 100
128 42.0 34.2 51.4
54 60.8 48.2 72.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF133583.D
Acq: 06 Jun 2023 00:23

Tgt Ion: 164 Resp: 216689
Ion Ratio Lower Upper
164 100
162 99.1 79.7 119.5
160 45.9 35.4 53.0

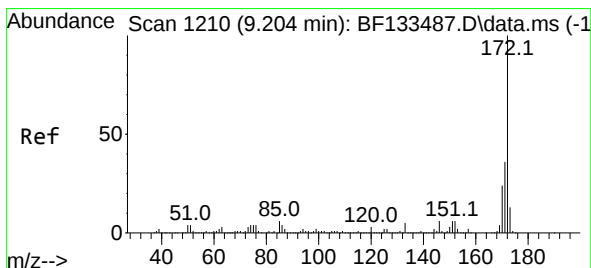
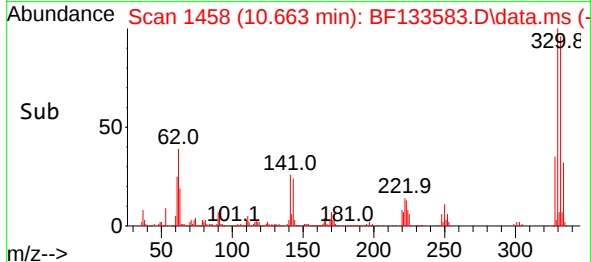
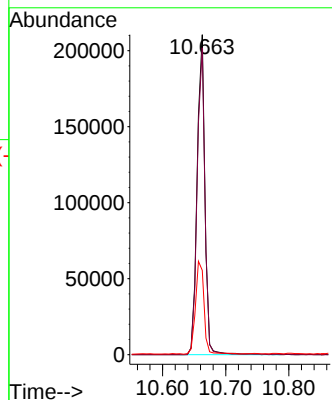
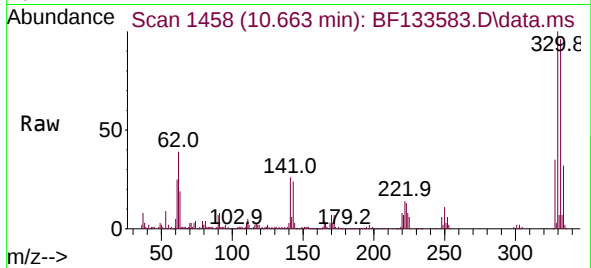




#42
2,4,6-Tribromophenol
Concen: 82.454 ng
RT: 10.663 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF133583.D
Acq: 06 Jun 2023 00:23

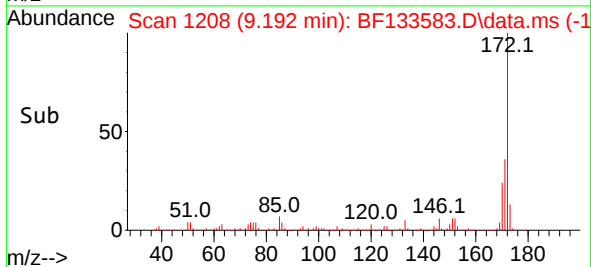
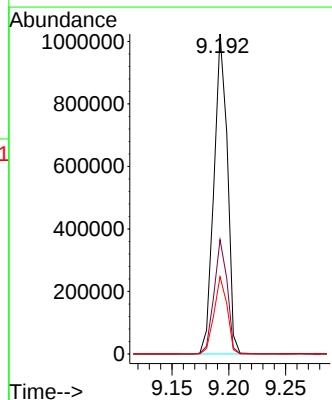
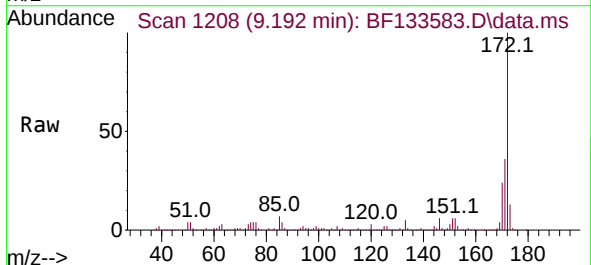
Instrument :
BNA_F
ClientSampleId :
WC18

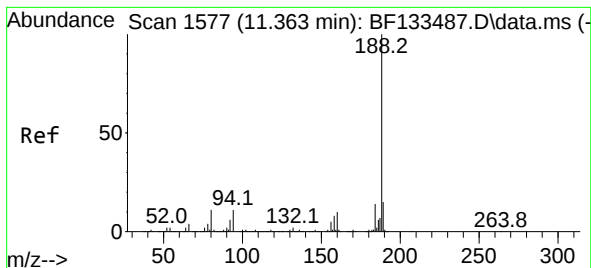
Tgt Ion:330 Resp: 178099
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.6
141 32.2 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 59.798 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BF133583.D
Acq: 06 Jun 2023 00:23

Tgt Ion:172 Resp: 839532
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 24.2 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133583.D

Acq: 06 Jun 2023 00:23

Instrument :

BNA_F

ClientSampleId :

WC18

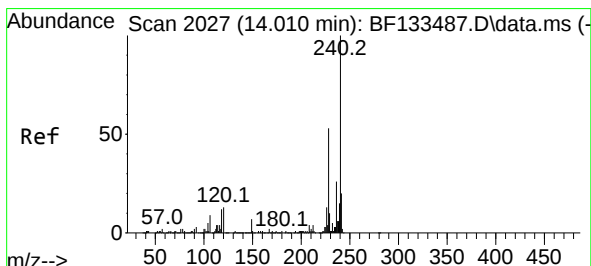
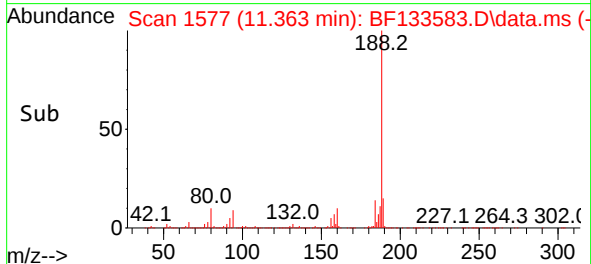
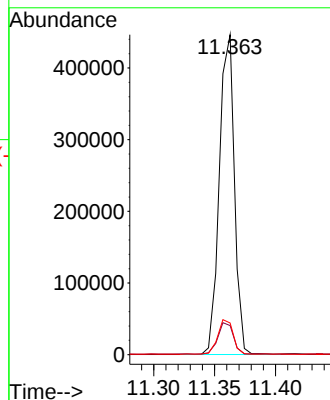
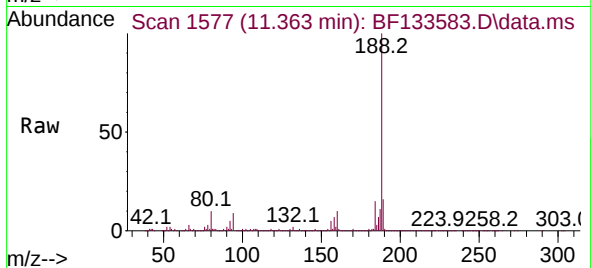
Tgt Ion:188 Resp: 385707

Ion Ratio Lower Upper

188 100

94 9.1 8.6 12.8

80 9.9 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF133583.D

Acq: 06 Jun 2023 00:23

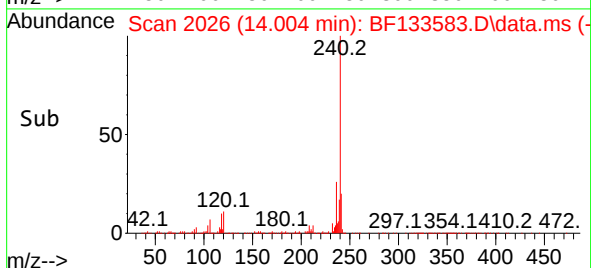
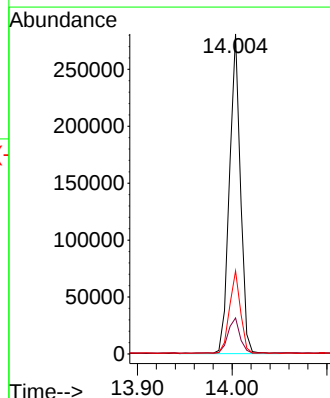
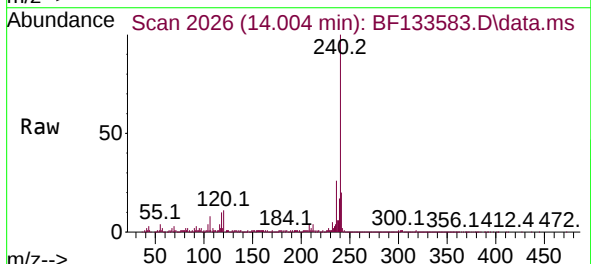
Tgt Ion:240 Resp: 227422

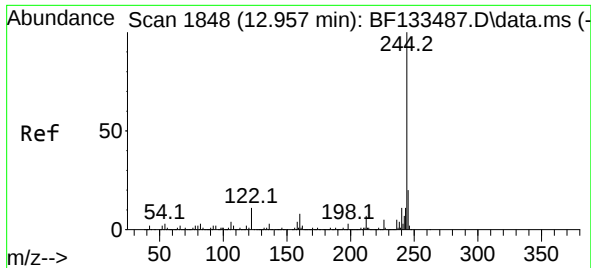
Ion Ratio Lower Upper

240 100

120 11.2 10.3 15.5

236 25.9 20.5 30.7

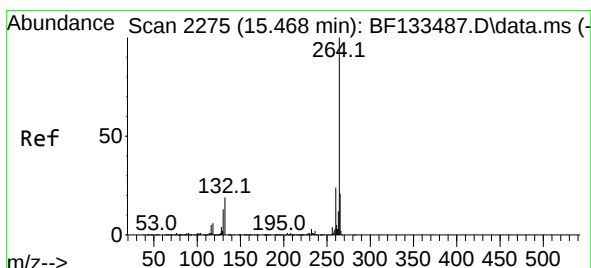
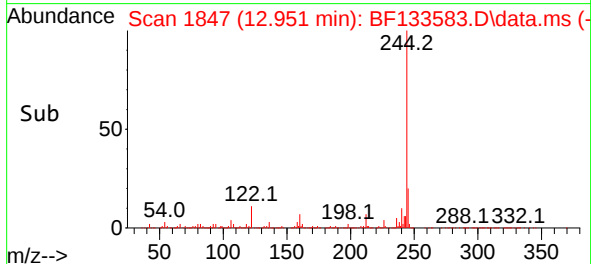
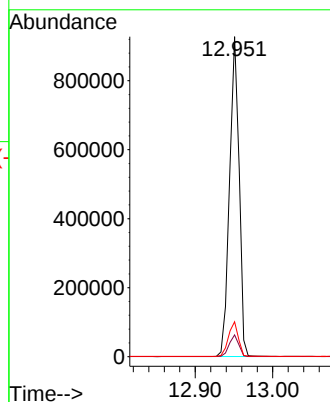
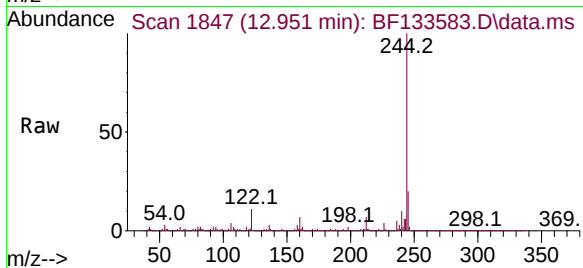




#79
Terphenyl-d14
Concen: 62.062 ng
RT: 12.951 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133583.D
Acq: 06 Jun 2023 00:23

Instrument :
BNA_F
ClientSampleId :
WC18

Tgt Ion:244 Resp: 793841
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 10.9 8.5 12.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.012 min
Lab File: BF133583.D
Acq: 06 Jun 2023 00:23

Tgt Ion:264 Resp: 193940
Ion Ratio Lower Upper
264 100
260 22.9 19.0 28.4
265 22.1 16.8 25.2

