

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
 Data File : BF133551.D
 Acq On : 31 May 2023 21:34
 Operator : CG\JU
 Sample : 02971-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC12

Quant Time: Jun 01 02:05:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	131433	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	502675	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	249511	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	501563	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	360973	20.000	ng	-0.01
86) Perylene-d12	15.451	264	294839	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	671419	85.233	ng	0.00
7) Phenol-d6	6.451	99	849822	87.635	ng	-0.01
23) Nitrobenzene-d5	7.392	82	514045	68.279	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	203404	81.781	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	961168	59.456	ng	-0.01
79) Terphenyl-d14	12.945	244	1159871	57.130	ng	0.00

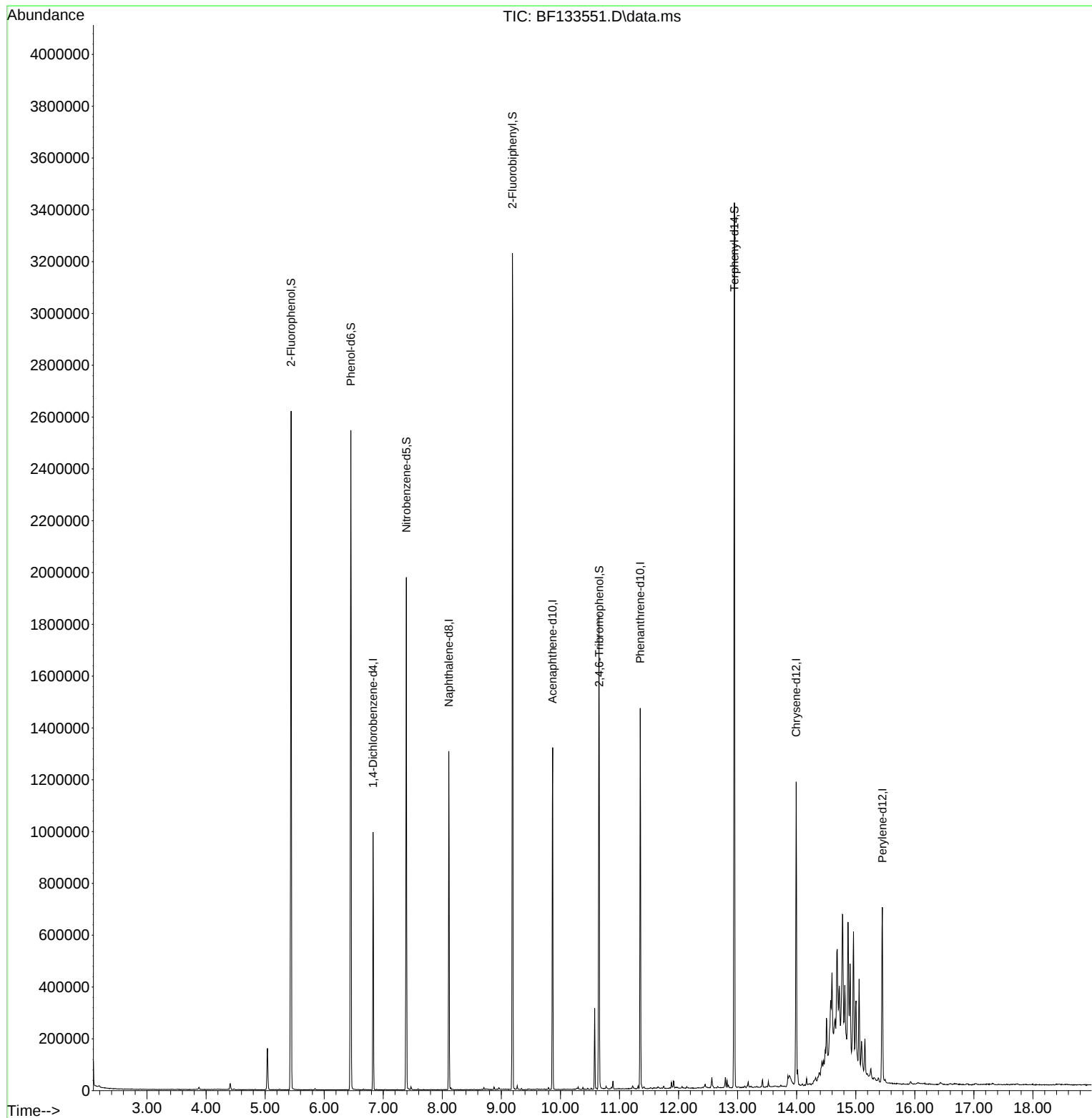
Target Compounds	Qvalue

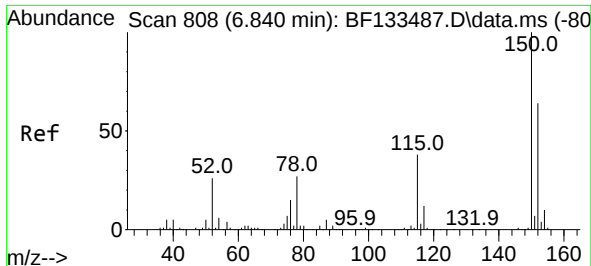
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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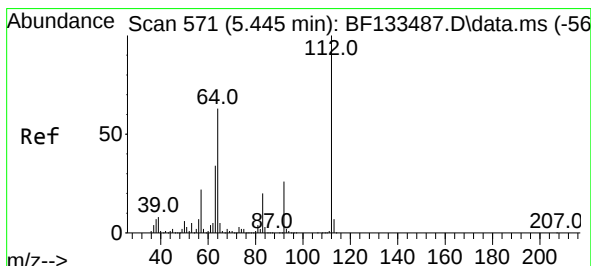
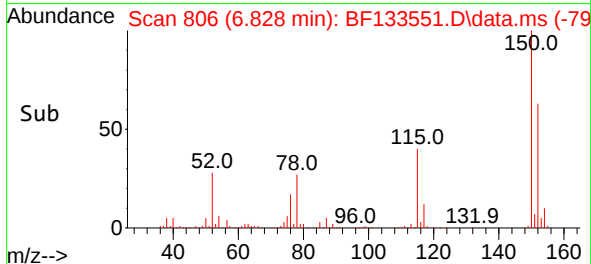
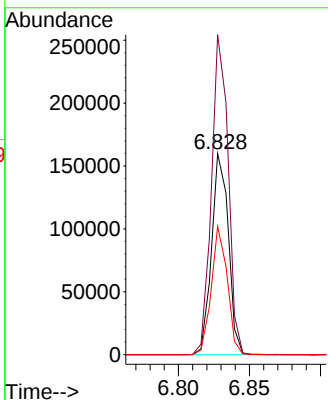
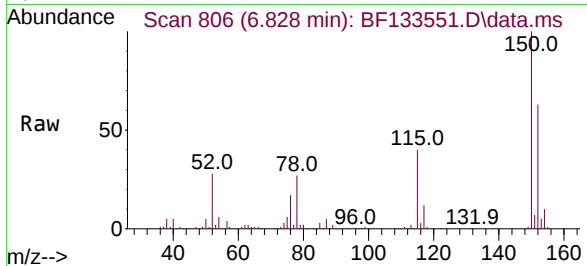




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133551.D
Acq: 31 May 2023 21:34

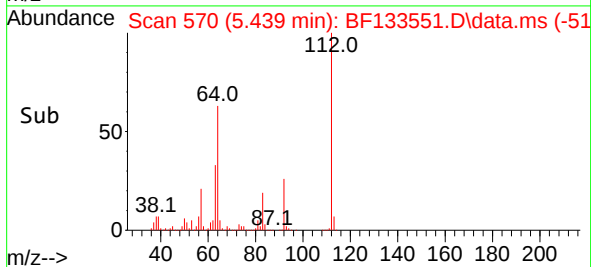
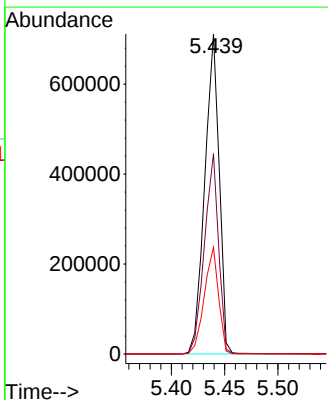
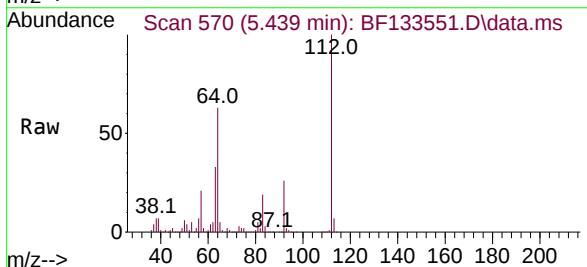
Instrument :
BNA_F
ClientSampleId :
WC12

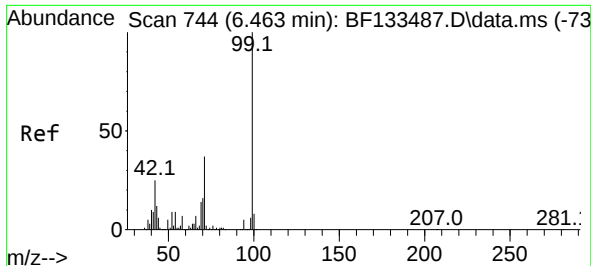
Tgt Ion:152 Resp: 131433
Ion Ratio Lower Upper
152 100
150 159.1 124.9 187.3
115 63.8 48.1 72.1



#5
2-Fluorophenol
Concen: 85.233 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF133551.D
Acq: 31 May 2023 21:34

Tgt Ion:112 Resp: 671419
Ion Ratio Lower Upper
112 100
64 62.6 50.1 75.1
63 33.4 27.5 41.3

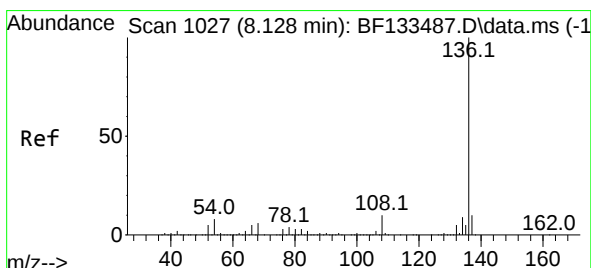
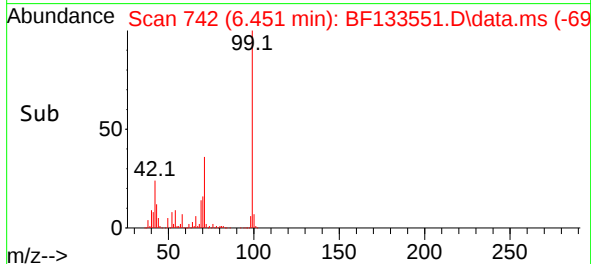
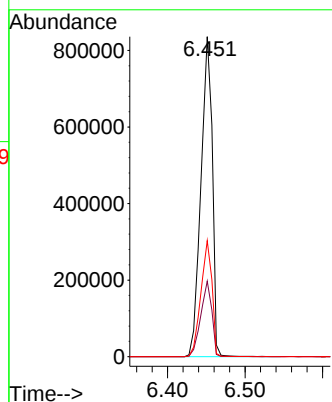
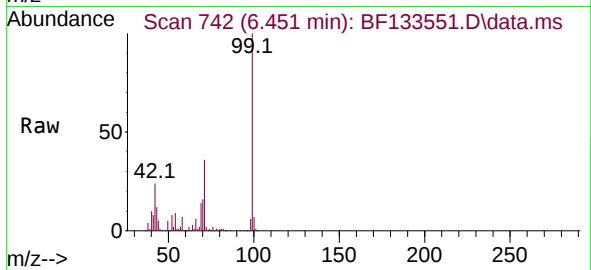




#7
Phenol-d6
Concen: 87.635 ng
RT: 6.451 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF133551.D
Acq: 31 May 2023 21:34

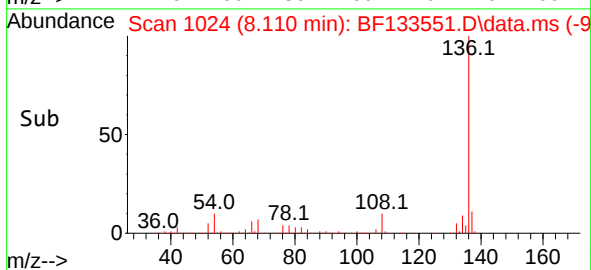
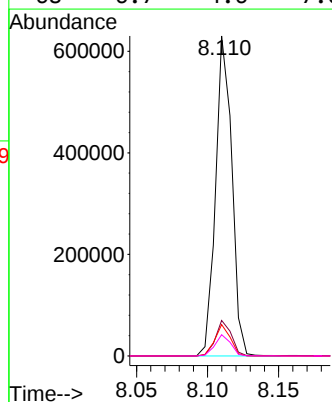
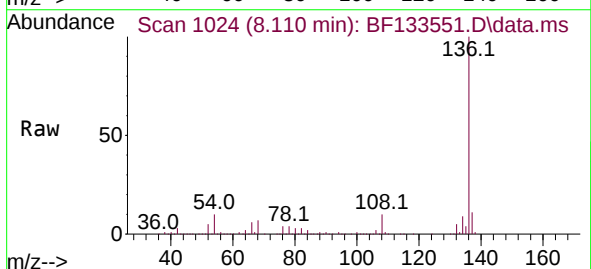
Instrument :
BNA_F
ClientSampleId :
WC12

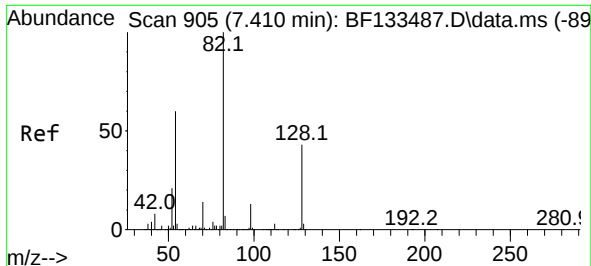
Tgt Ion: 99 Resp: 849822
Ion Ratio Lower Upper
99 100
42 23.6 19.7 29.5
71 36.2 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133551.D
Acq: 31 May 2023 21:34

Tgt Ion:136 Resp: 502675
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.4
54 9.8 6.6 10.0
68 6.7 4.6 7.0





#23

Nitrobenzene-d5

Concen: 68.279 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133551.D

Acq: 31 May 2023 21:34

Instrument :

BNA_F

ClientSampleId :

WC12

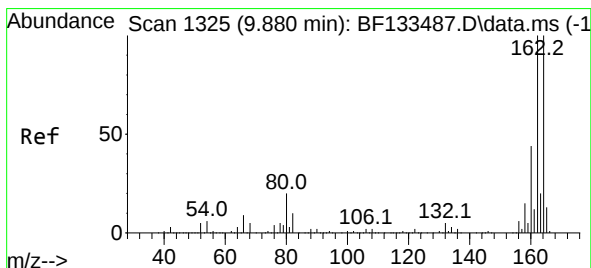
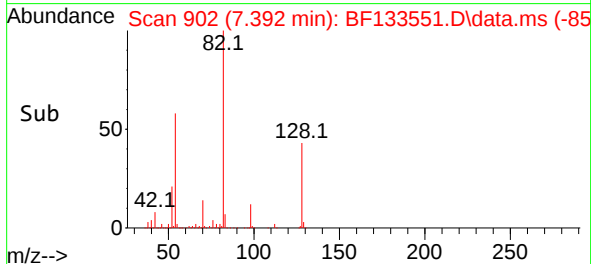
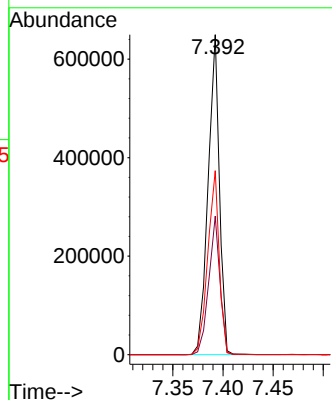
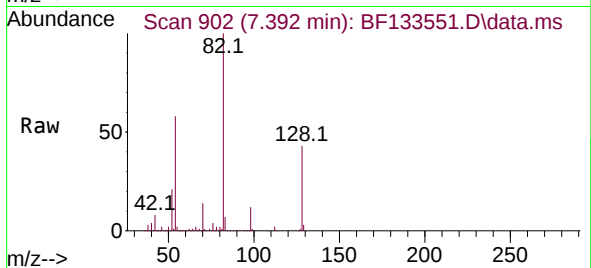
Tgt Ion: 82 Resp: 514045

Ion Ratio Lower Upper

82 100

128 43.3 34.2 51.4

54 57.5 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF133551.D

Acq: 31 May 2023 21:34

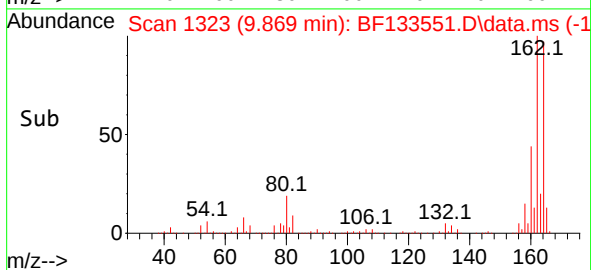
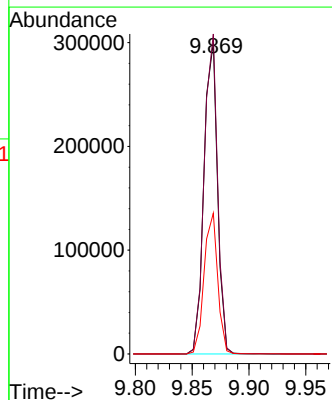
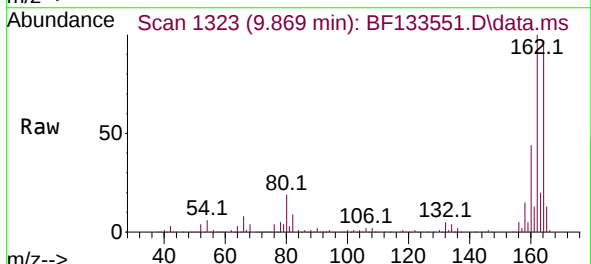
Tgt Ion: 164 Resp: 249511

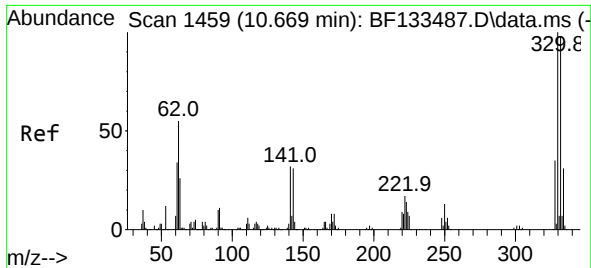
Ion Ratio Lower Upper

164 100

162 102.8 79.7 119.5

160 45.2 35.4 53.0

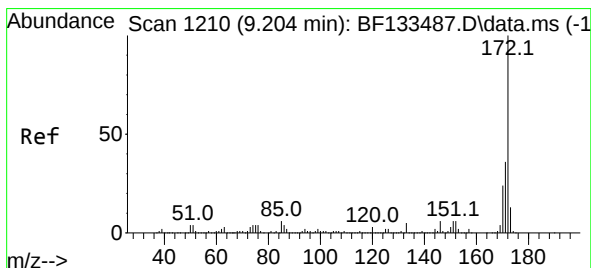
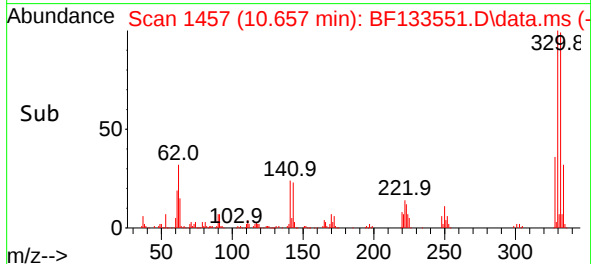
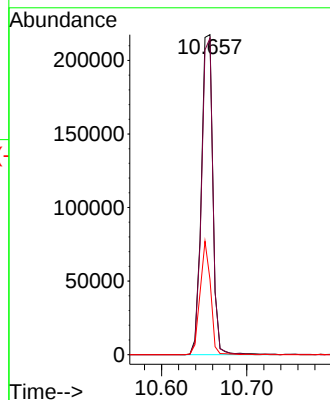
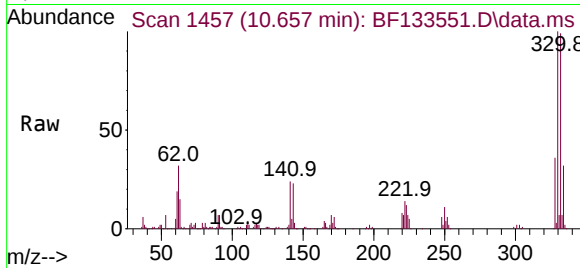




#42
2,4,6-Tribromophenol
Concen: 81.781 ng
RT: 10.657 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF133551.D
Acq: 31 May 2023 21:34

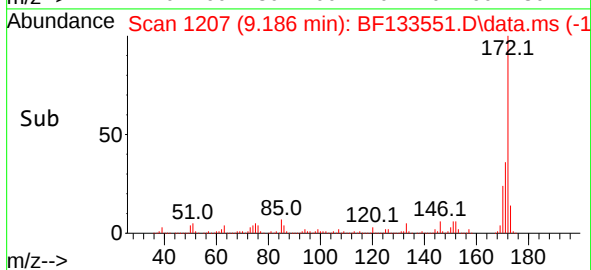
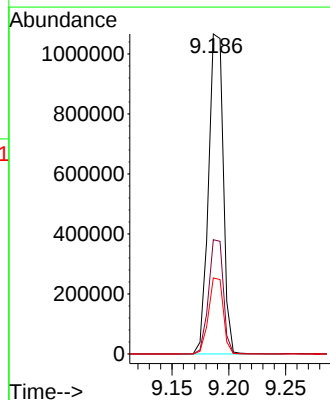
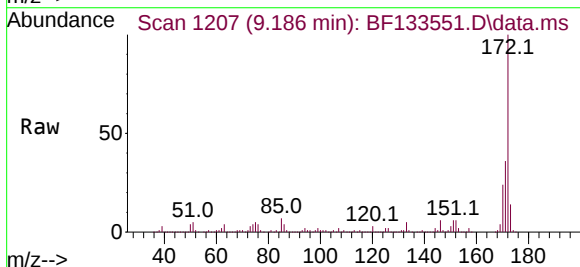
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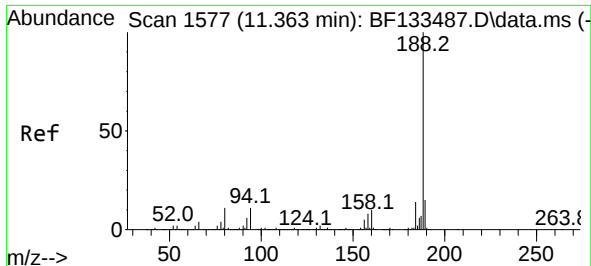
Tgt Ion:330 Resp: 203404
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.6
141 32.2 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 59.456 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF133551.D
Acq: 31 May 2023 21:34

Tgt Ion:172 Resp: 961168
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.7 19.3 28.9

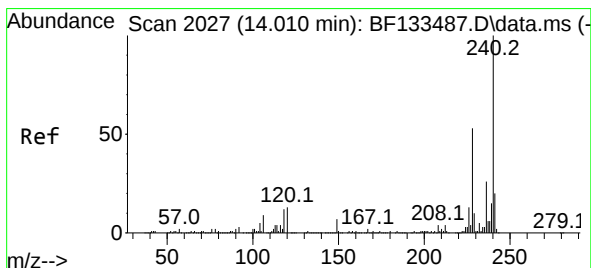
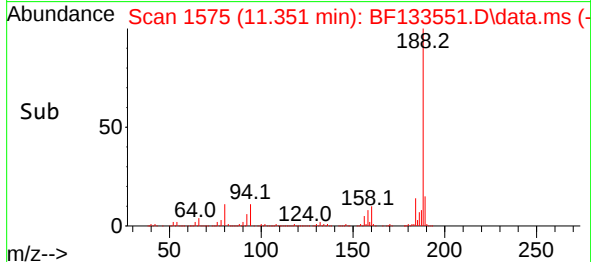
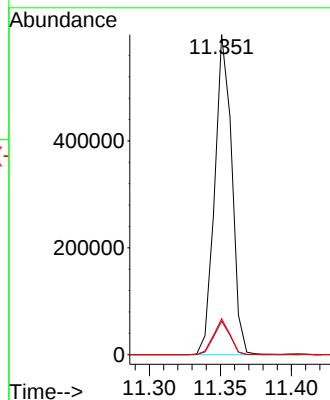
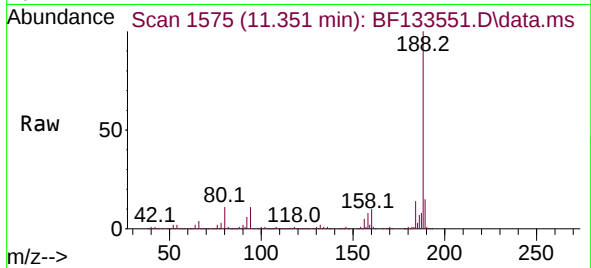




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133551.D
Acq: 31 May 2023 21:34

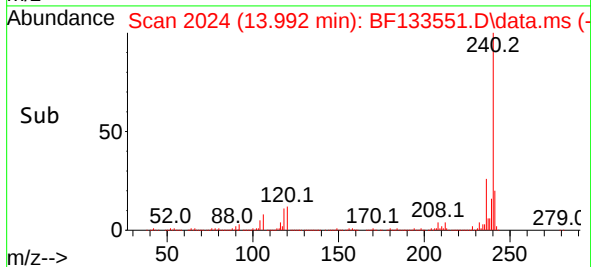
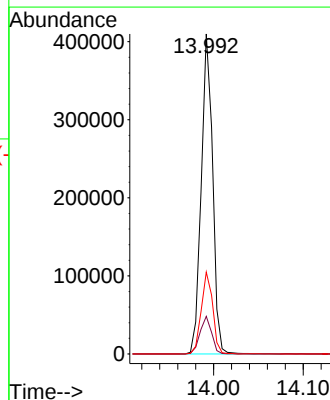
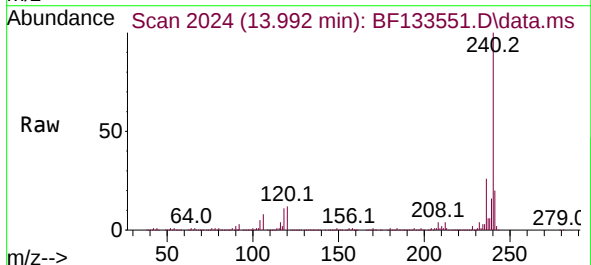
Instrument :
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ClientSampleId :
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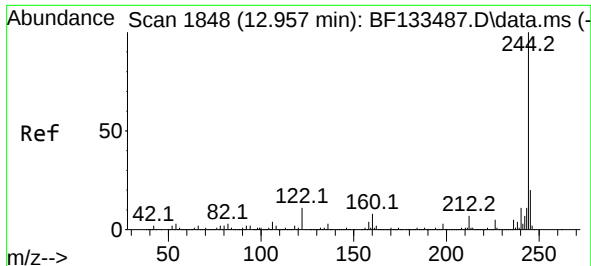
Tgt Ion:188 Resp: 501563
Ion Ratio Lower Upper
188 100
94 10.5 8.6 12.8
80 11.3 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF133551.D
Acq: 31 May 2023 21:34

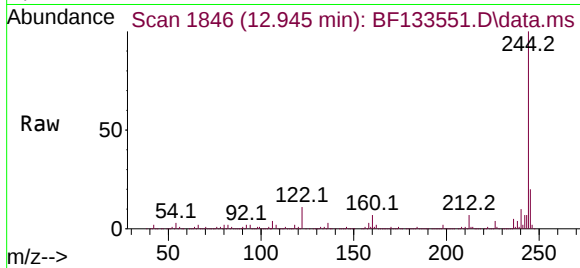
Tgt Ion:240 Resp: 360973
Ion Ratio Lower Upper
240 100
120 11.8 10.3 15.5
236 25.6 20.5 30.7



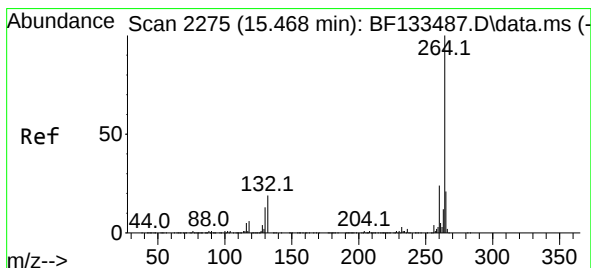
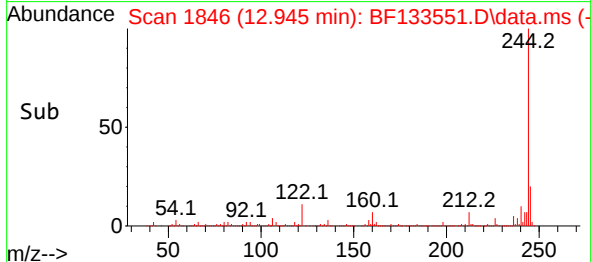
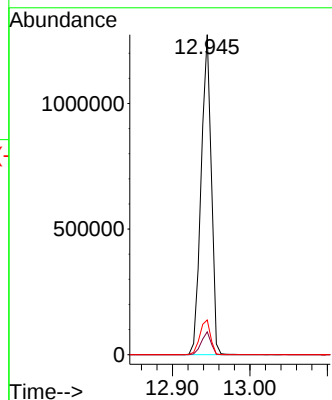


#79
 Terphenyl-d14
 Concen: 57.130 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: BF133551.D
 Acq: 31 May 2023 21:34

Instrument :
 BNA_F
 ClientSampleId :
 WC12



Tgt Ion:244 Resp: 1159871
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.9 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF133551.D
 Acq: 31 May 2023 21:34

Tgt Ion:264 Resp: 294839
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 22.2 16.8 25.2

