

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052623\
 Data File : BF133506.D
 Acq On : 26 May 2023 18:58
 Operator : CG\JU
 Sample : 02955-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP05

Quant Time: May 27 01:11:12 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	137648	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	537193	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	256727	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	487131	20.000	ng	0.00
76) Chrysene-d12	13.998	240	357664	20.000	ng	-0.01
86) Perylene-d12	15.457	264	291570	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	295974	35.876	ng	0.00
7) Phenol-d6	6.445	99	222922	21.950	ng	-0.02
23) Nitrobenzene-d5	7.404	82	748667	93.053	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	199425	77.928	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1323678	79.579	ng	0.00
79) Terphenyl-d14	12.957	244	1473601	73.254	ng	0.00

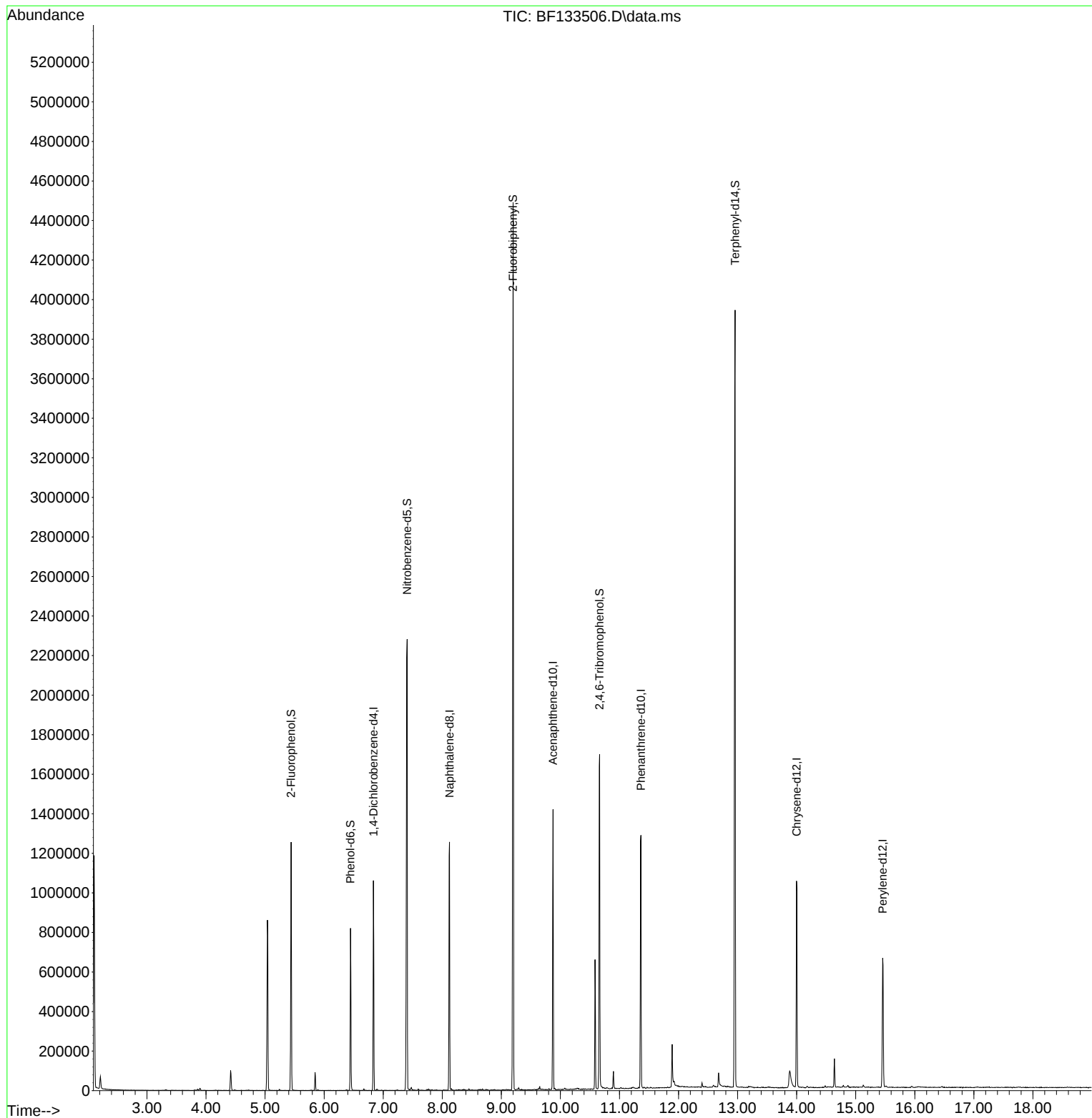
Target Compounds	Qvalue

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

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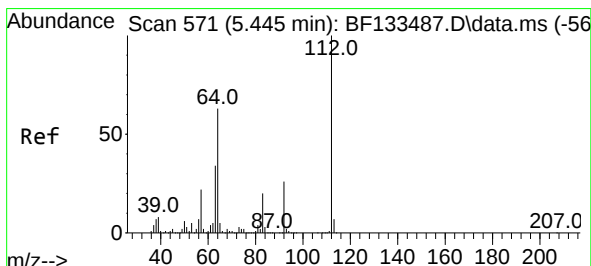
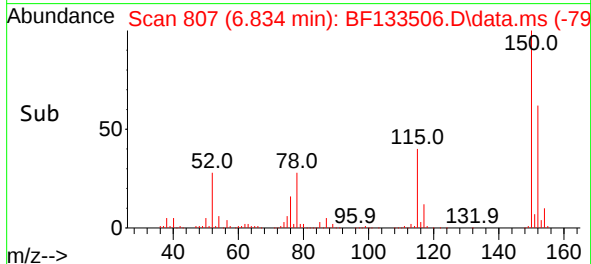
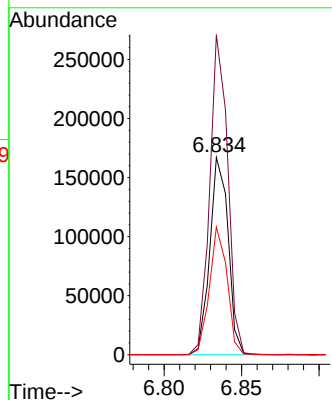
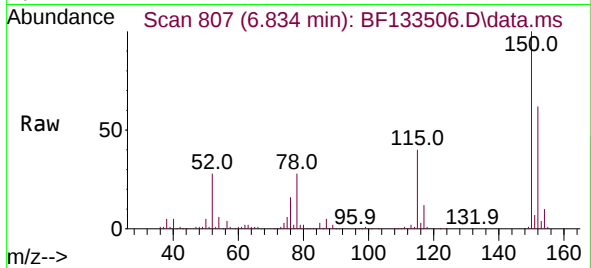




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133506.D
Acq: 26 May 2023 18:58

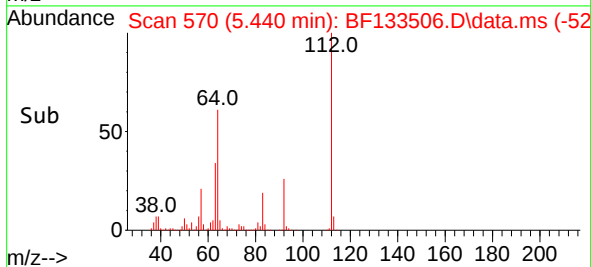
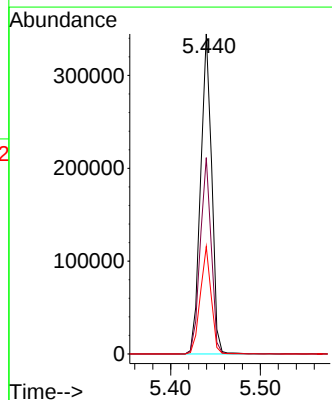
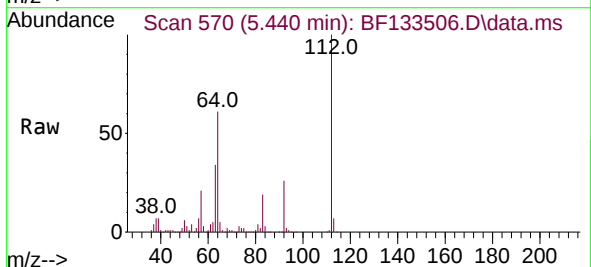
Instrument :
BNA_F
ClientSampleId :
TWP05

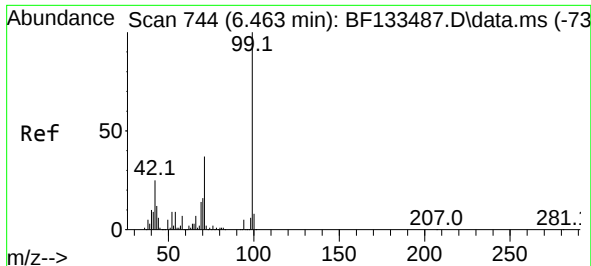
Tgt Ion:152 Resp: 137648
Ion Ratio Lower Upper
152 100
150 162.2 124.9 187.3
115 64.7 48.1 72.1



#5
2-Fluorophenol
Concen: 35.876 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.006 min
Lab File: BF133506.D
Acq: 26 May 2023 18:58

Tgt Ion:112 Resp: 295974
Ion Ratio Lower Upper
112 100
64 61.3 50.1 75.1
63 33.5 27.5 41.3

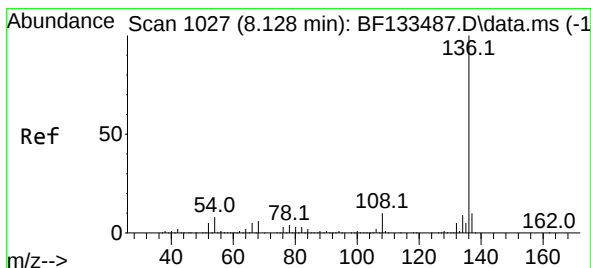
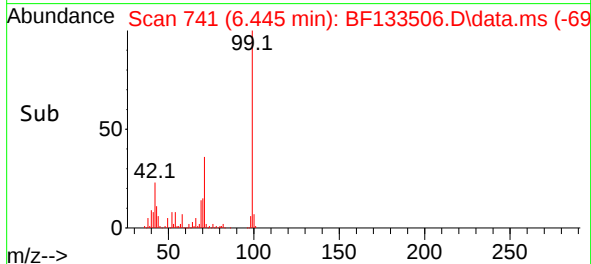
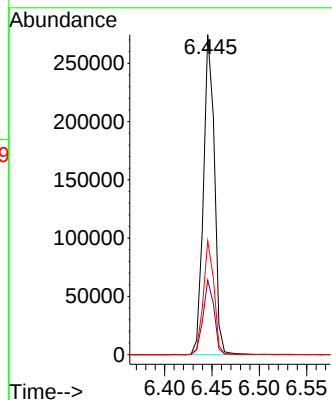
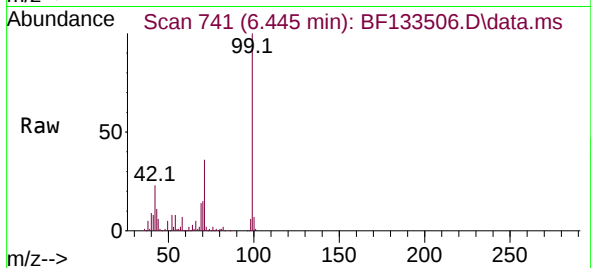




#7
Phenol-d6
Concen: 21.950 ng
RT: 6.445 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF133506.D
Acq: 26 May 2023 18:58

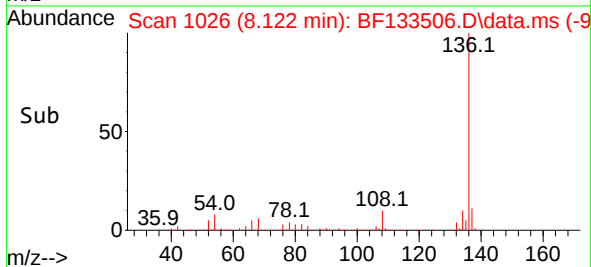
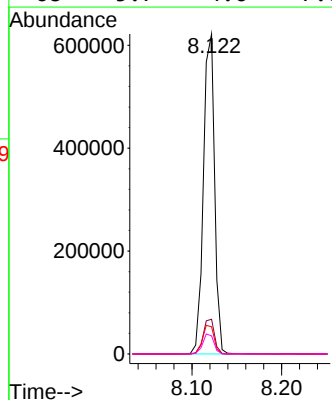
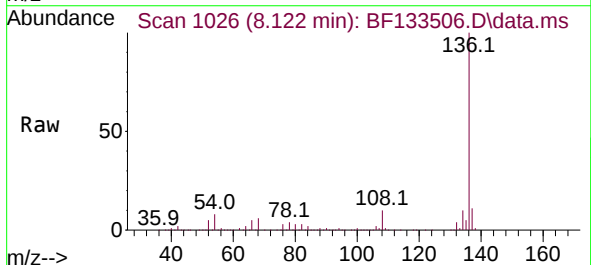
Instrument :
BNA_F
ClientSampleId :
TWP05

Tgt Ion: 99 Resp: 222922
Ion Ratio Lower Upper
99 100
42 23.3 19.7 29.5
71 35.5 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: BF133506.D
Acq: 26 May 2023 18:58

Tgt Ion: 136 Resp: 537193
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.4
54 8.5 6.6 10.0
68 5.7 4.6 7.0





#23

Nitrobenzene-d5

Concen: 93.053 ng

RT: 7.404 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133506.D

Acq: 26 May 2023 18:58

Instrument :

BNA_F

ClientSampleId :

TWP05

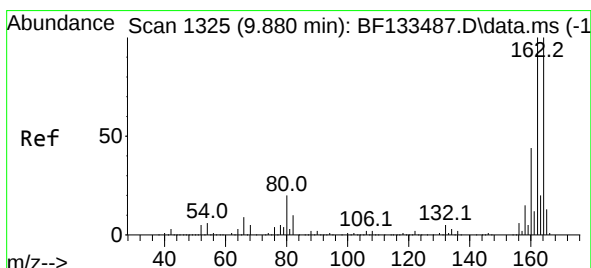
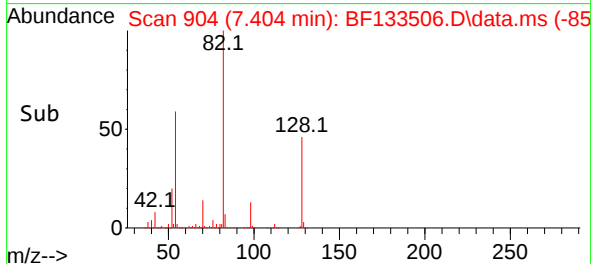
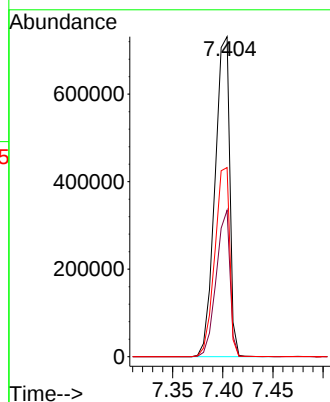
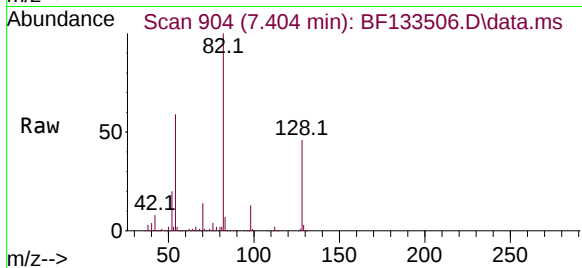
Tgt Ion: 82 Resp: 748667

Ion Ratio Lower Upper

82 100

128 45.7 34.2 51.4

54 59.1 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: BF133506.D

Acq: 26 May 2023 18:58

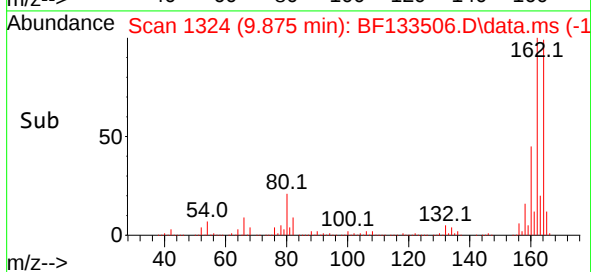
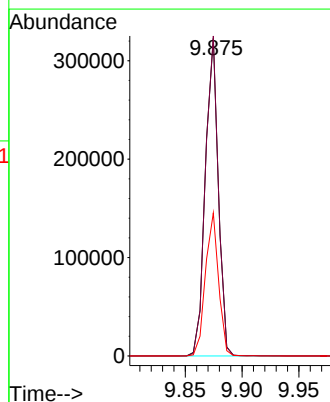
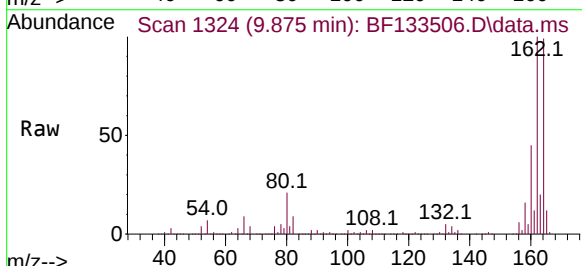
Tgt Ion: 164 Resp: 256727

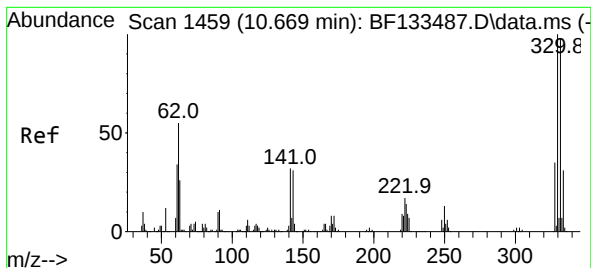
Ion Ratio Lower Upper

164 100

162 100.8 79.7 119.5

160 45.0 35.4 53.0

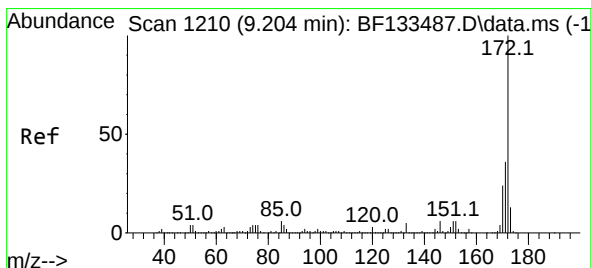
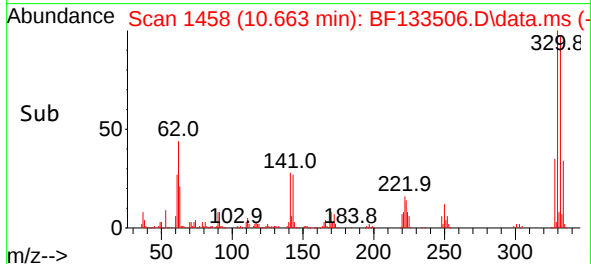
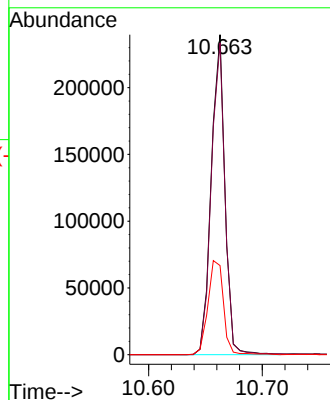
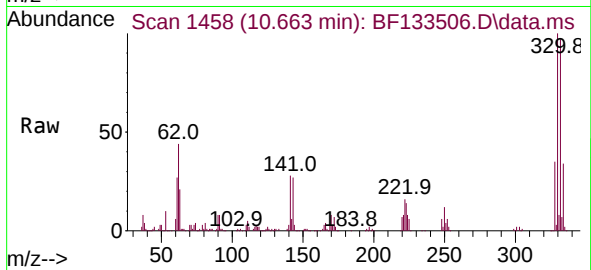




#42
2,4,6-Tribromophenol
Concen: 77.928 ng
RT: 10.663 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF133506.D
Acq: 26 May 2023 18:58

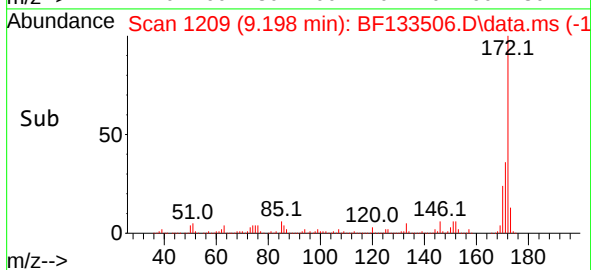
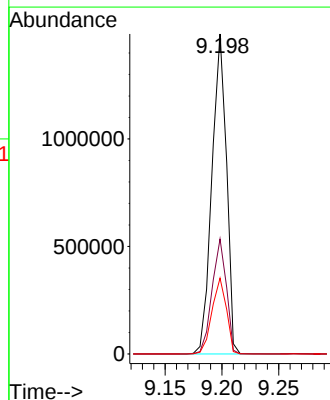
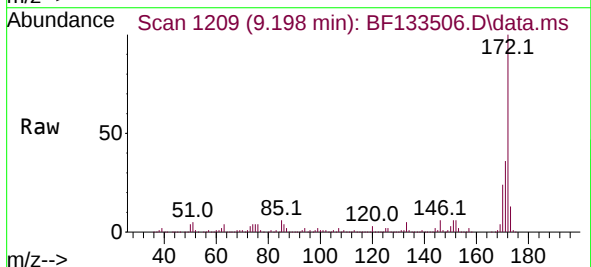
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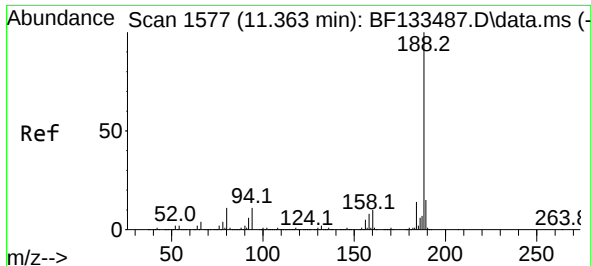
Tgt Ion:330 Resp: 199425
Ion Ratio Lower Upper
330 100
332 98.6 77.8 116.6
141 33.5 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 79.579 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF133506.D
Acq: 26 May 2023 18:58

Tgt Ion:172 Resp: 1323678
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.7 19.3 28.9

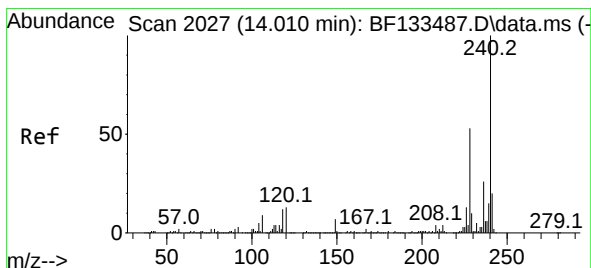
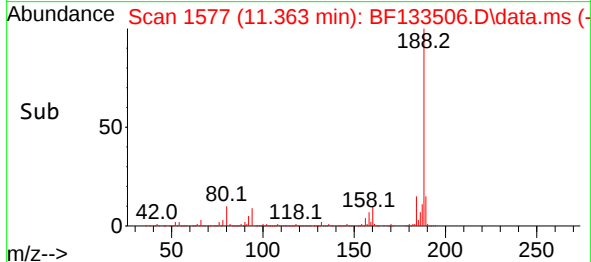
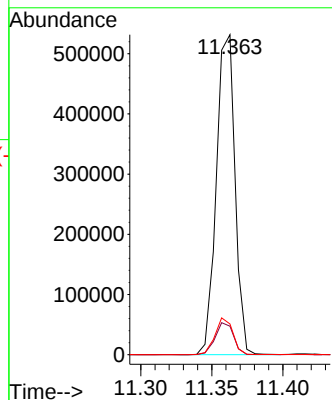
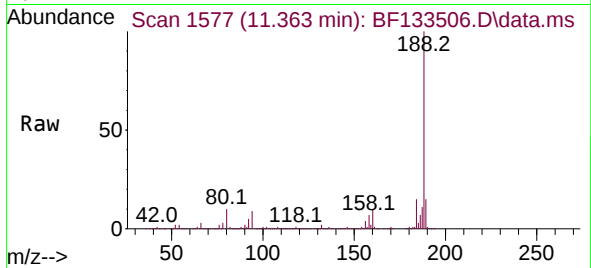




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133506.D
Acq: 26 May 2023 18:58

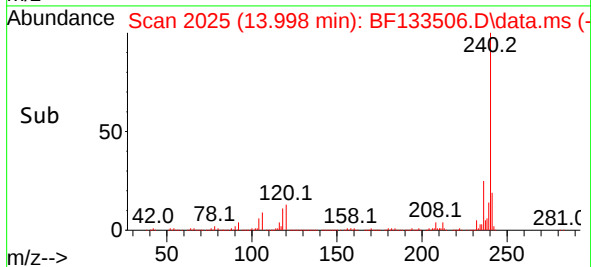
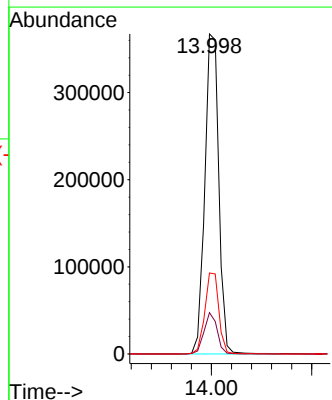
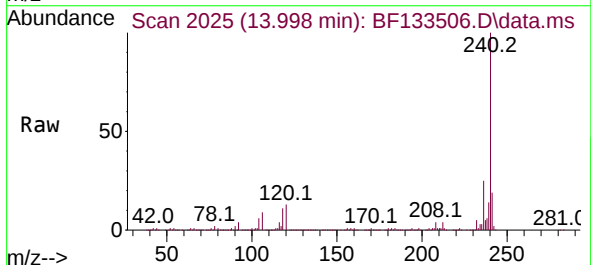
Instrument :
BNA_F
ClientSampleId :
TWP05

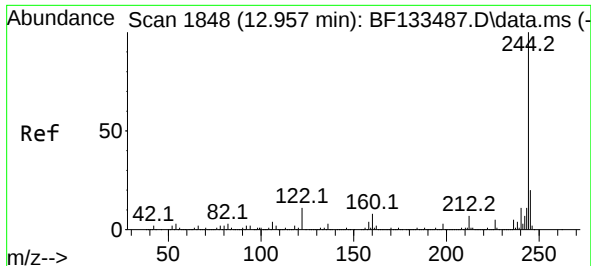
Tgt Ion:188 Resp: 487131
Ion Ratio Lower Upper
188 100
94 8.9 8.6 12.8
80 9.6 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF133506.D
Acq: 26 May 2023 18:58

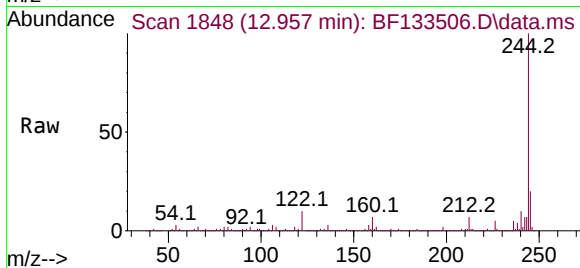
Tgt Ion:240 Resp: 357664
Ion Ratio Lower Upper
240 100
120 12.9 10.3 15.5
236 25.3 20.5 30.7





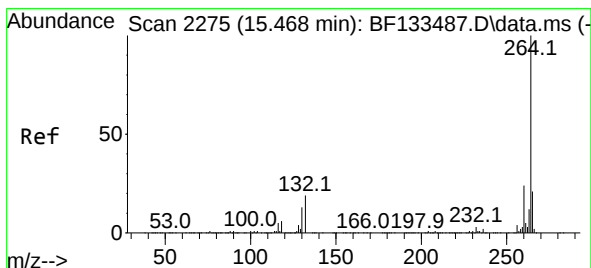
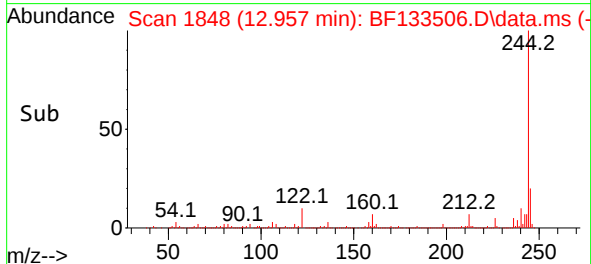
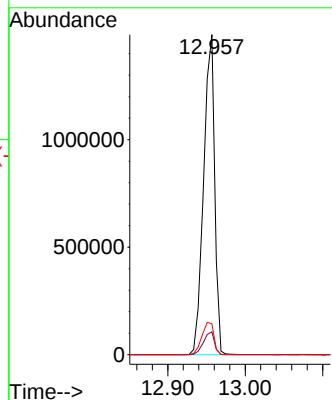
#79
 Terphenyl-d14
 Concen: 73.254 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133506.D
 Acq: 26 May 2023 18:58

Instrument :
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Tgt Ion:244 Resp: 1473601

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.7	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: BF133506.D
 Acq: 26 May 2023 18:58

Tgt Ion:264 Resp: 291570

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	22.1	16.8	25.2

