

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052623\
 Data File : BF133509.D
 Acq On : 26 May 2023 20:34
 Operator : CG\JU
 Sample : 02908-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP02

Quant Time: May 27 01:11:58 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	134265	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	508570	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	246386	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	473094	20.000	ng	# 0.00
76) Chrysene-d12	14.004	240	333180	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	277178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	330011	41.009	ng	0.00
7) Phenol-d6	6.452	99	247751	25.010	ng	-0.01
23) Nitrobenzene-d5	7.399	82	753714	98.953	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	217455	88.540	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1301686	81.542	ng	0.00
79) Terphenyl-d14	12.957	244	1387580	74.047	ng	0.00

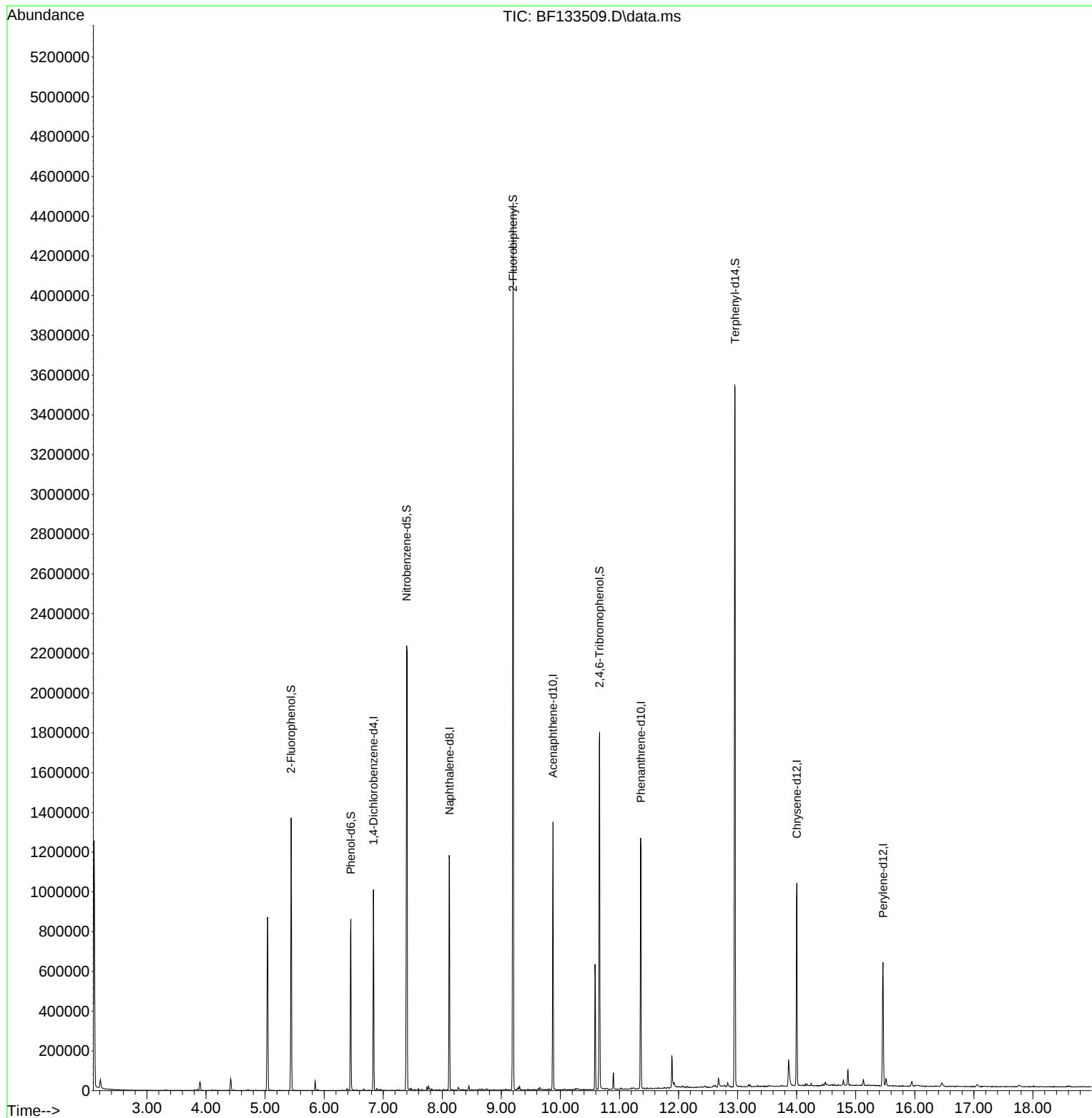
Target Compounds	Qvalue

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

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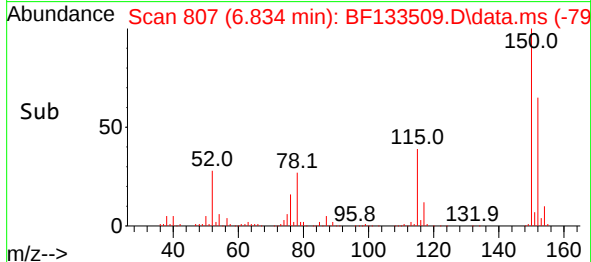
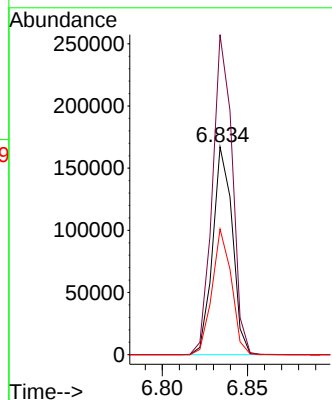
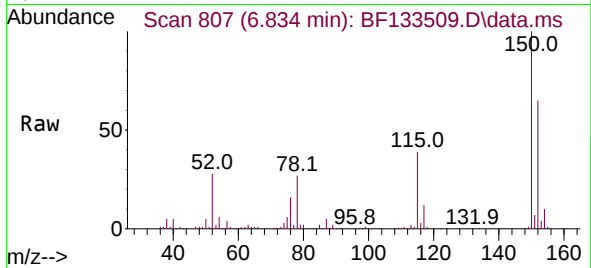




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133509.D
Acq: 26 May 2023 20:34

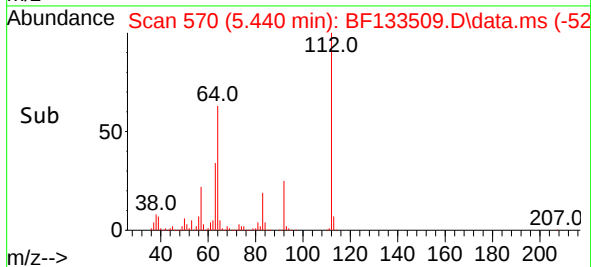
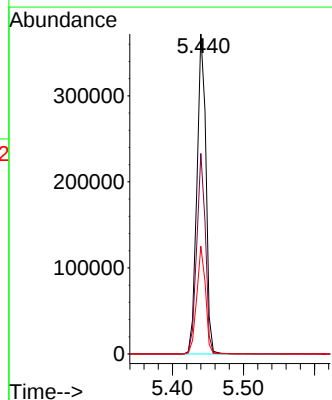
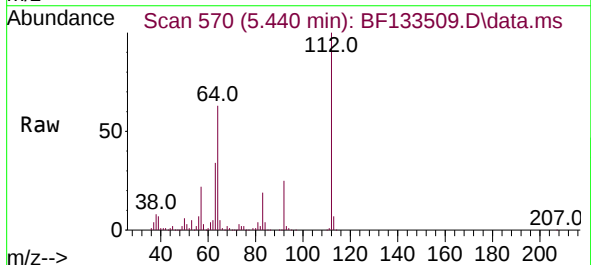
Instrument :
BNA_F
ClientSampleId :
TWP02

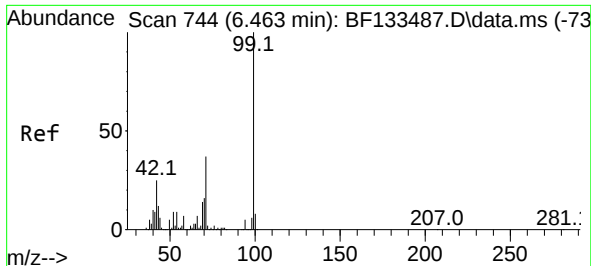
Tgt Ion:152 Resp: 134265
Ion Ratio Lower Upper
152 100
150 153.9 124.9 187.3
115 60.4 48.1 72.1



#5
2-Fluorophenol
Concen: 41.009 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.006 min
Lab File: BF133509.D
Acq: 26 May 2023 20:34

Tgt Ion:112 Resp: 330011
Ion Ratio Lower Upper
112 100
64 62.7 50.1 75.1
63 33.6 27.5 41.3

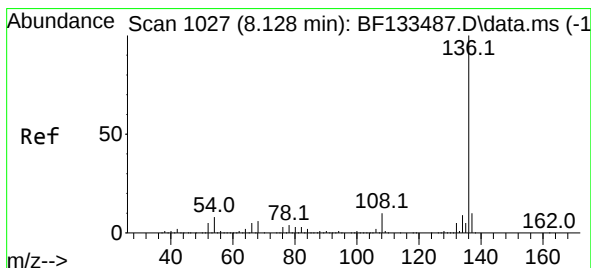
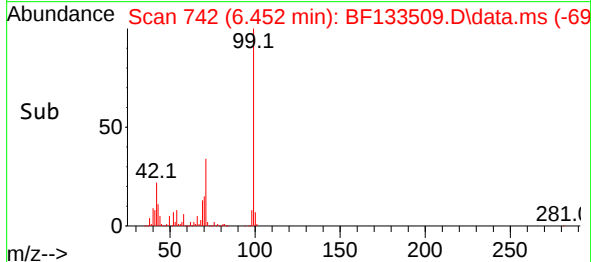
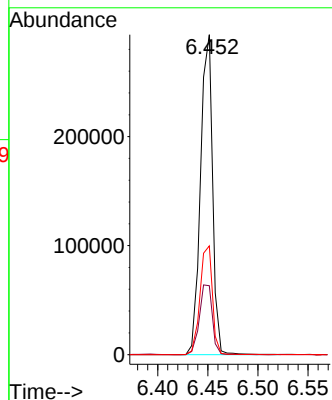
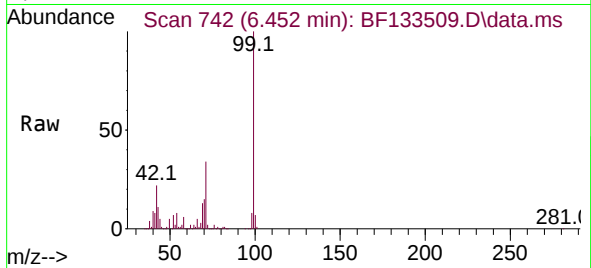




#7
Phenol-d6
Concen: 25.010 ng
RT: 6.452 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF133509.D
Acq: 26 May 2023 20:34

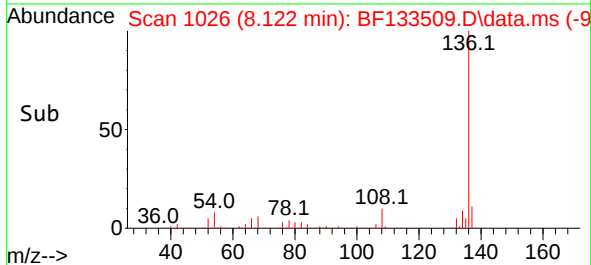
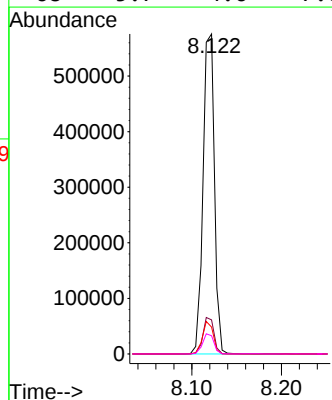
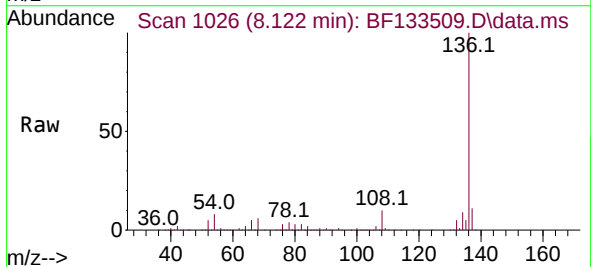
Instrument :
BNA_F
ClientSampleId :
TWP02

Tgt Ion: 99 Resp: 247751
Ion Ratio Lower Upper
99 100
42 21.6 19.7 29.5
71 34.0 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: BF133509.D
Acq: 26 May 2023 20:34

Tgt Ion: 136 Resp: 508570
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.4
54 8.4 6.6 10.0
68 5.7 4.6 7.0





#23

Nitrobenzene-d5

Concen: 98.953 ng

RT: 7.399 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133509.D

Acq: 26 May 2023 20:34

Instrument :

BNA_F

ClientSampleId :

TWP02

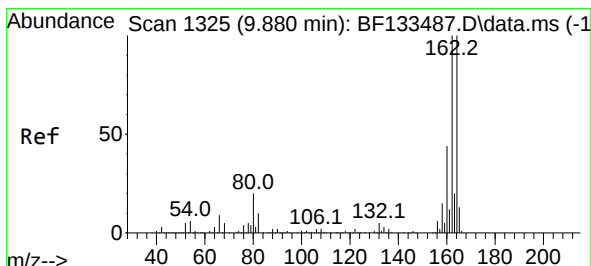
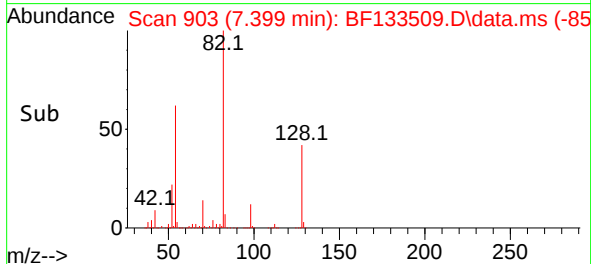
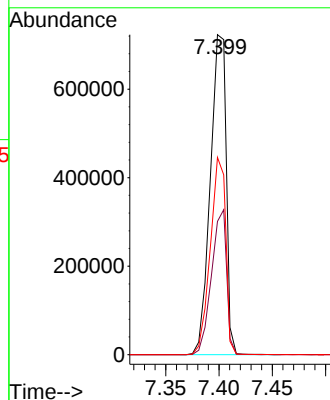
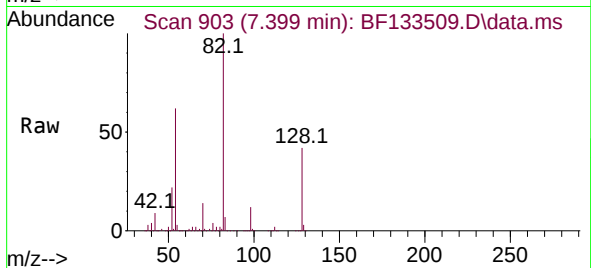
Tgt Ion: 82 Resp: 753714

Ion Ratio Lower Upper

82 100

128 41.7 34.2 51.4

54 61.7 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: BF133509.D

Acq: 26 May 2023 20:34

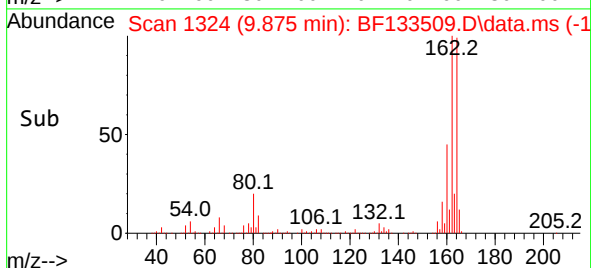
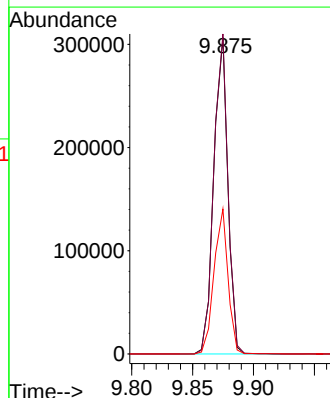
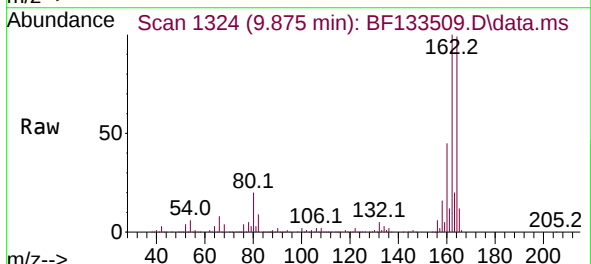
Tgt Ion: 164 Resp: 246386

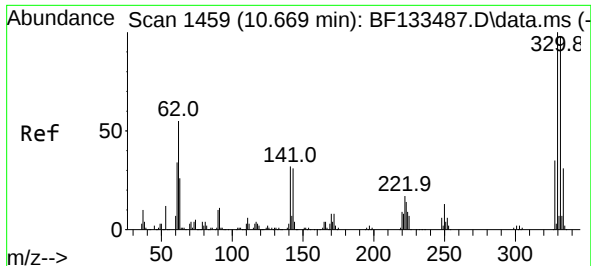
Ion Ratio Lower Upper

164 100

162 101.1 79.7 119.5

160 45.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 88.540 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133509.D

Acq: 26 May 2023 20:34

Instrument :

BNA_F

ClientSampleId :

TWP02

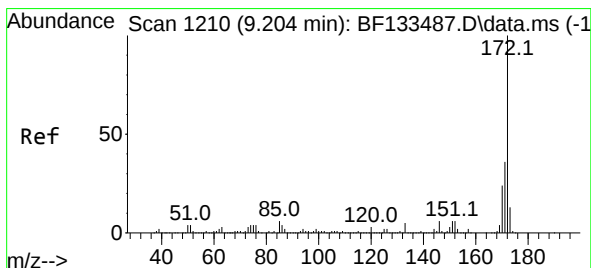
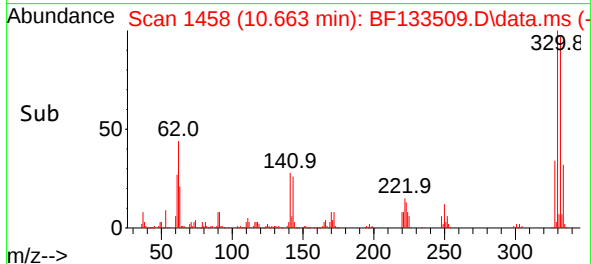
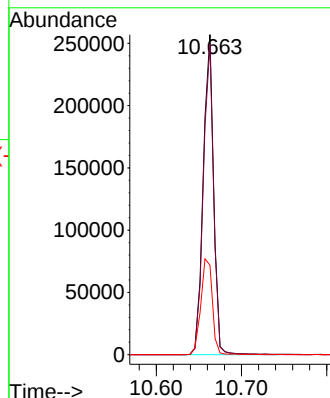
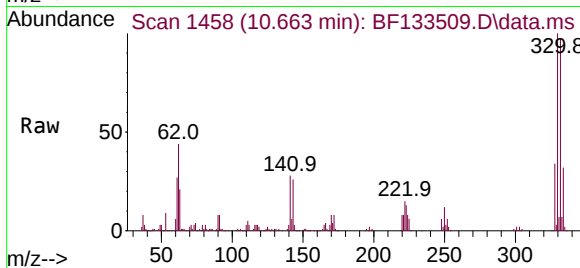
Tgt Ion:330 Resp: 217455

Ion Ratio Lower Upper

330 100

332 96.1 77.8 116.6

141 33.4 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 81.542 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133509.D

Acq: 26 May 2023 20:34

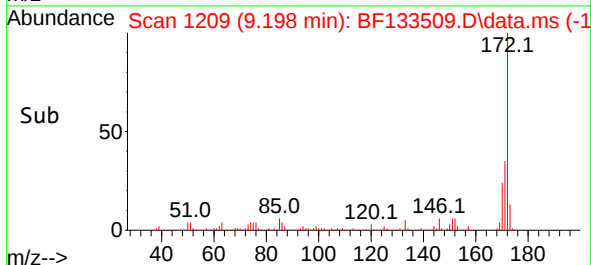
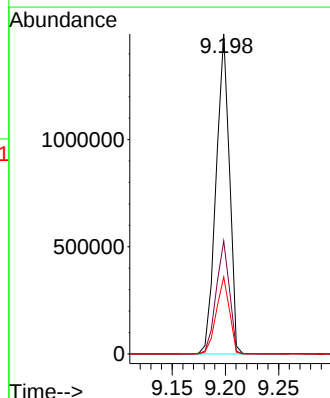
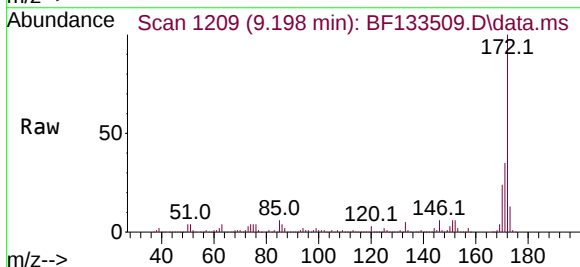
Tgt Ion:172 Resp: 1301686

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 24.1 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133509.D

Acq: 26 May 2023 20:34

Instrument :

BNA_F

ClientSampleId :

TWP02

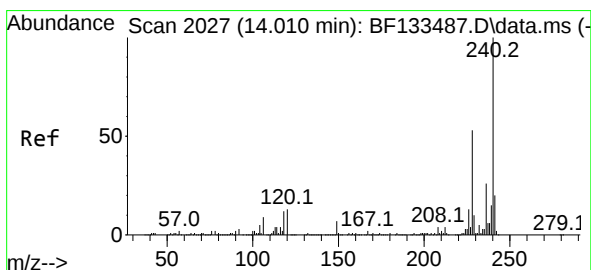
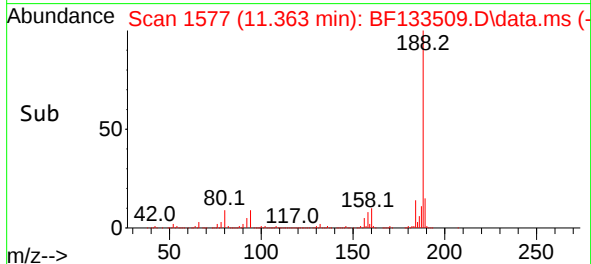
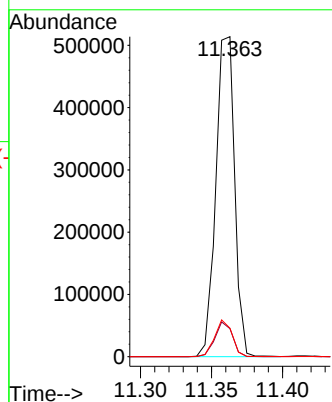
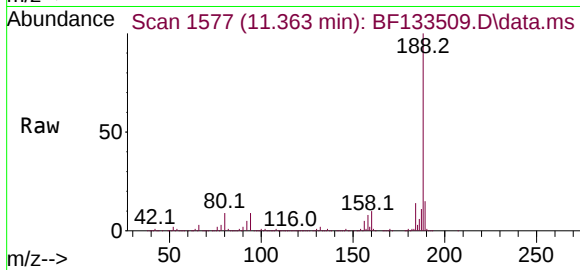
Tgt Ion:188 Resp: 473094

Ion Ratio Lower Upper

188 100

94 8.8 8.6 12.8

80 8.9 9.2 13.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF133509.D

Acq: 26 May 2023 20:34

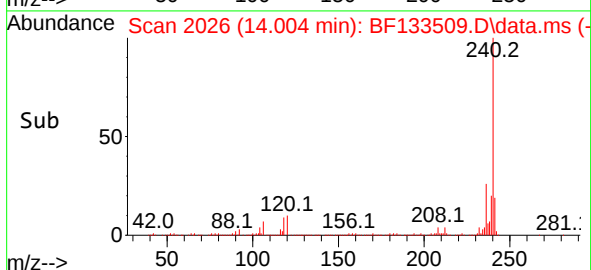
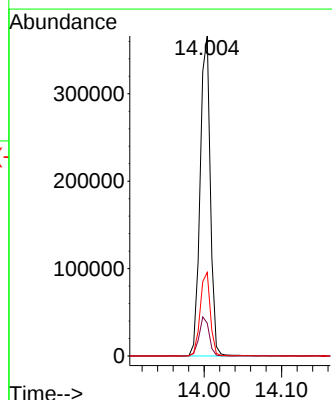
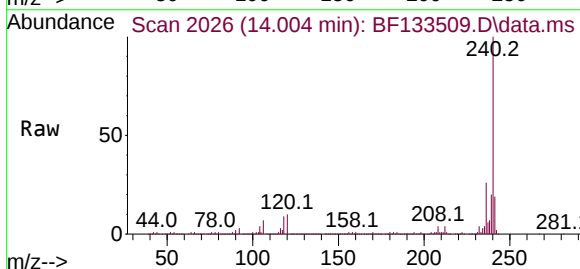
Tgt Ion:240 Resp: 333180

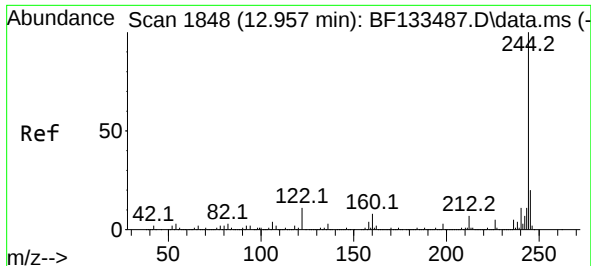
Ion Ratio Lower Upper

240 100

120 10.2 10.3 15.5#

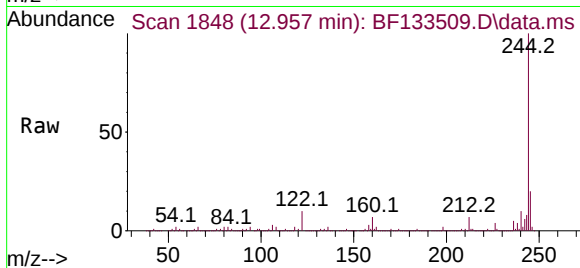
236 26.1 20.5 30.7





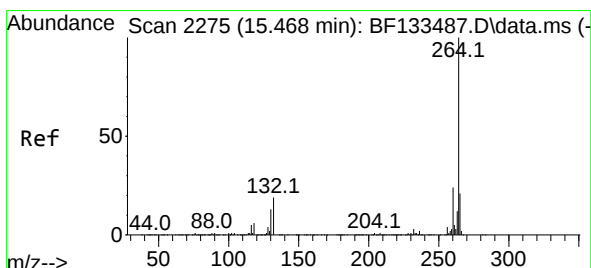
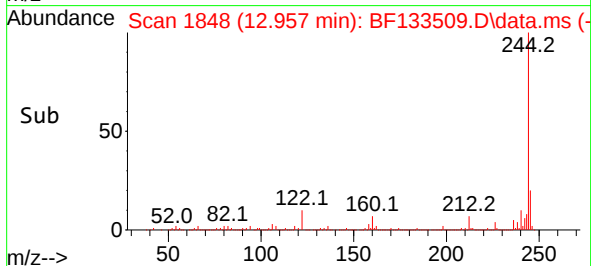
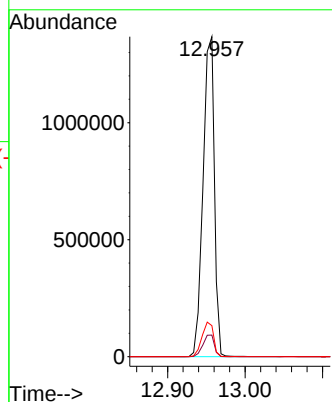
#79
 Terphenyl-d14
 Concen: 74.047 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133509.D
 Acq: 26 May 2023 20:34

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1387580

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	9.7	8.5	12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF133509.D
 Acq: 26 May 2023 20:34

Tgt Ion:264 Resp: 277178

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	21.6	16.8	25.2

