

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052623\
 Data File : BF133504.D
 Acq On : 26 May 2023 17:54
 Operator : CG\JU
 Sample : PB153075BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153075BL

Quant Time: May 27 01:10:39 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	143256	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	541109	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	265143	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	512855	20.000	ng	0.00
76) Chrysene-d12	14.004	240	390949	20.000	ng	0.00
86) Perylene-d12	15.462	264	369703	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	749414	87.282	ng	0.01
7) Phenol-d6	6.457	99	916721	86.732	ng	0.00
23) Nitrobenzene-d5	7.404	82	851981	105.128	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	247183	93.524	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1464374	85.243	ng	0.00
79) Terphenyl-d14	12.957	244	1691816	76.942	ng	0.00

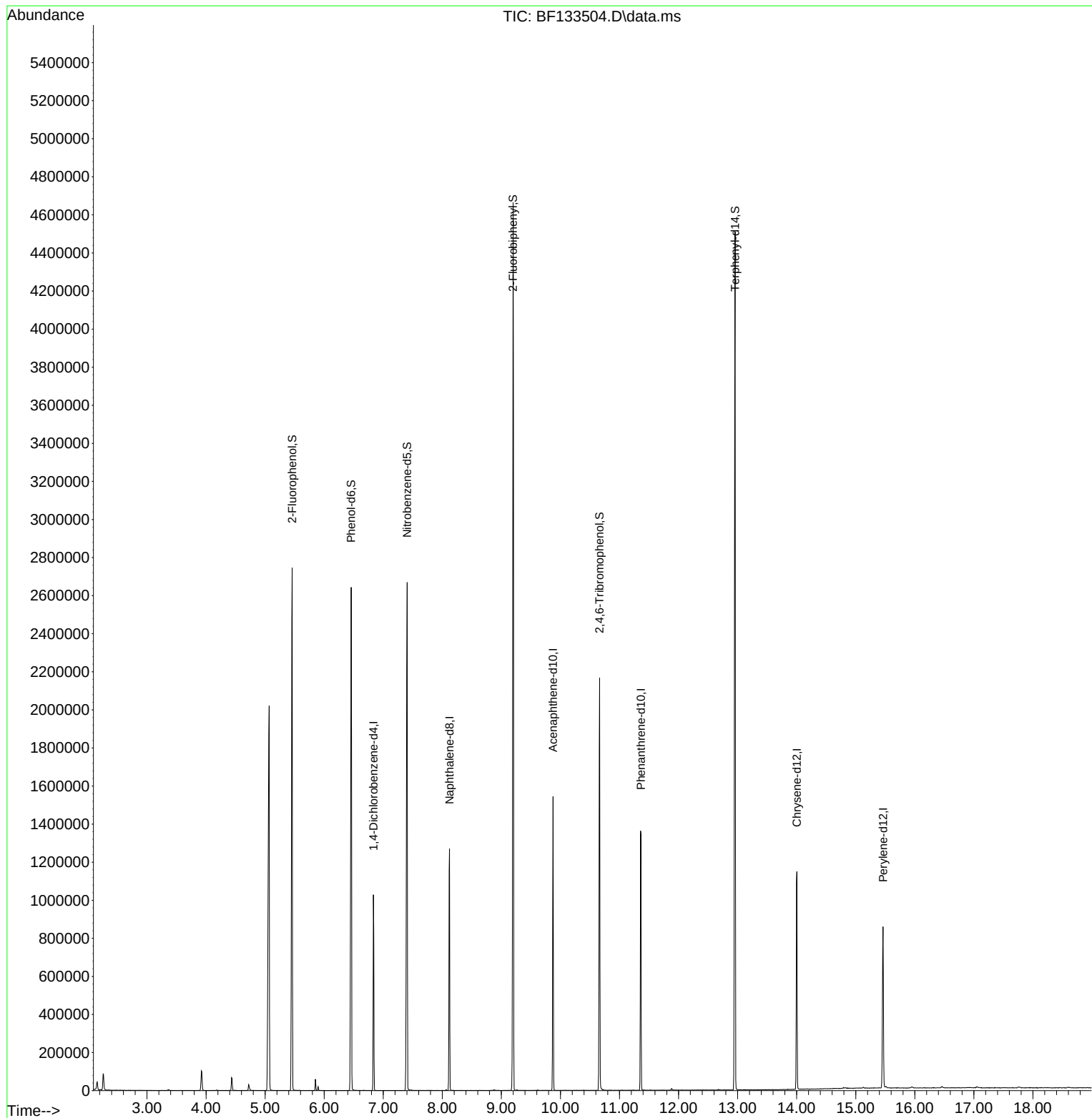
Target Compounds	Qvalue

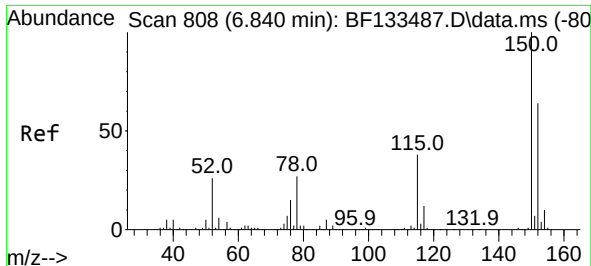
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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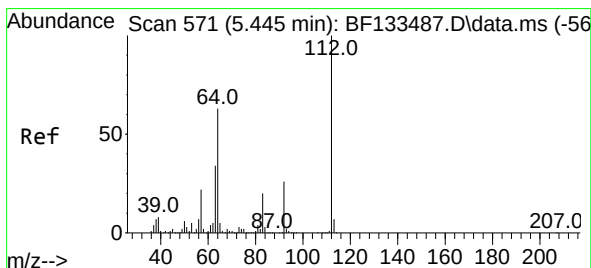
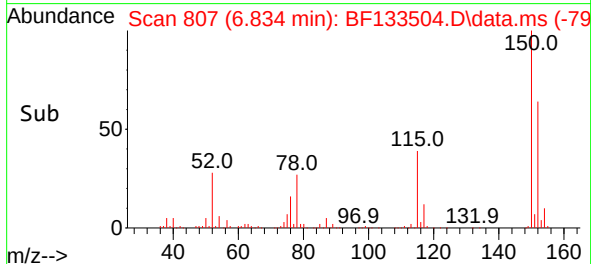
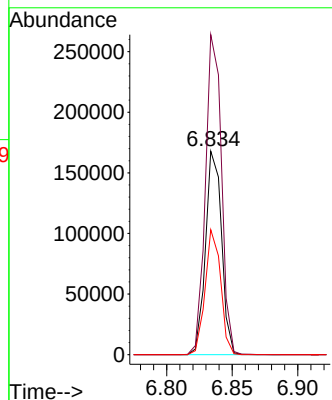
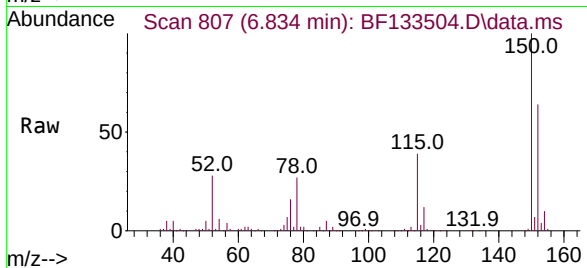




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133504.D
Acq: 26 May 2023 17:54

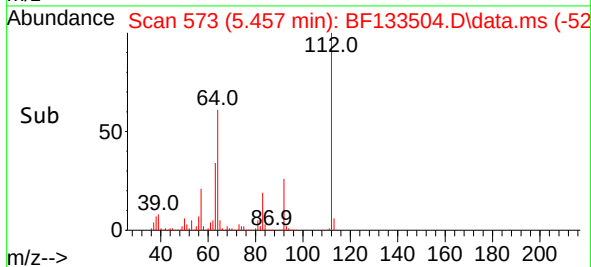
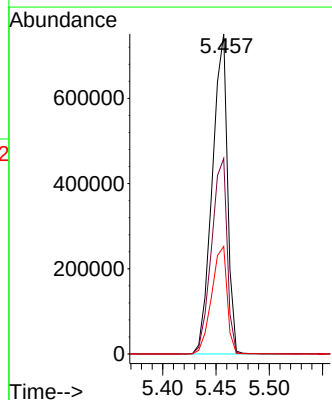
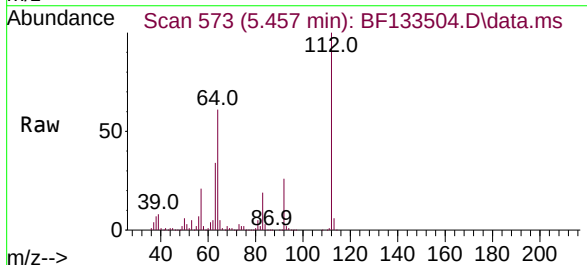
Instrument :
BNA_F
ClientSampleId :
PB153075BL

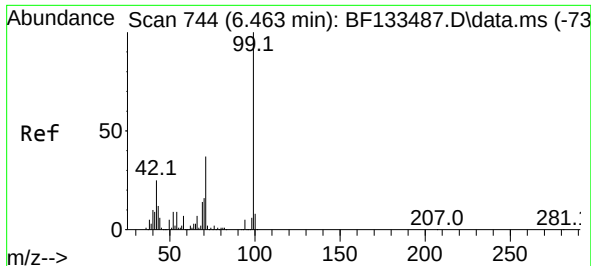
Tgt Ion:152 Resp: 143256
Ion Ratio Lower Upper
152 100
150 157.3 124.9 187.3
115 61.4 48.1 72.1



#5
2-Fluorophenol
Concen: 87.282 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133504.D
Acq: 26 May 2023 17:54

Tgt Ion:112 Resp: 749414
Ion Ratio Lower Upper
112 100
64 61.1 50.1 75.1
63 33.6 27.5 41.3

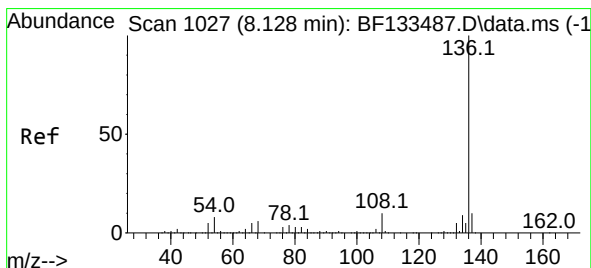
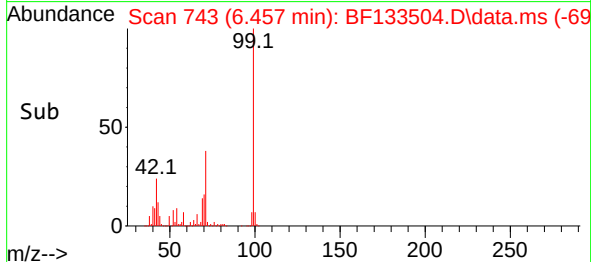
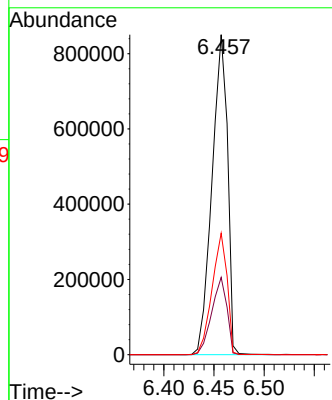
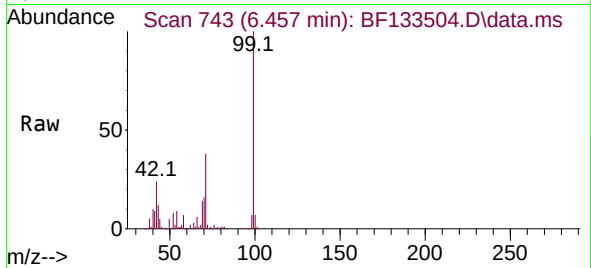




#7
Phenol-d6
Concen: 86.732 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133504.D
Acq: 26 May 2023 17:54

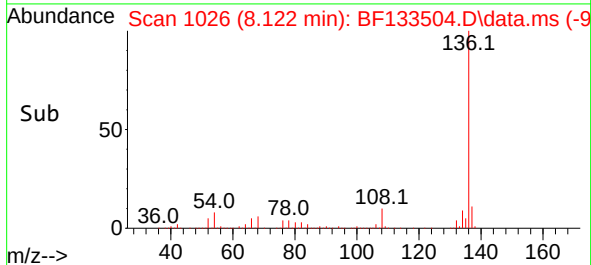
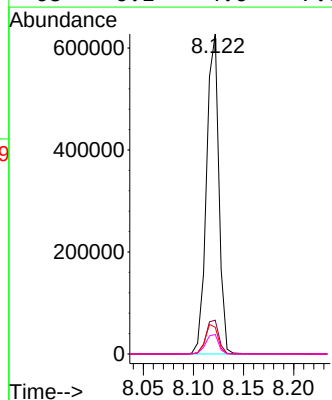
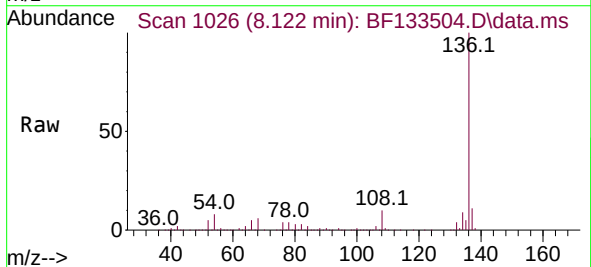
Instrument :
BNA_F
ClientSampleId :
PB153075BL

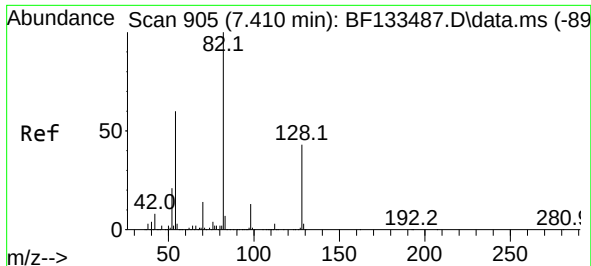
Tgt Ion: 99 Resp: 916721
Ion Ratio Lower Upper
99 100
42 24.2 19.7 29.5
71 38.0 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133504.D
Acq: 26 May 2023 17:54

Tgt Ion: 136 Resp: 541109
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.4
54 8.4 6.6 10.0
68 6.1 4.6 7.0





#23

Nitrobenzene-d5

Concen: 105.128 ng

RT: 7.404 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133504.D

Acq: 26 May 2023 17:54

Instrument :

BNA_F

ClientSampleId :

PB153075BL

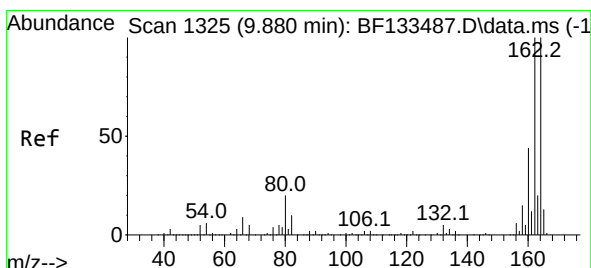
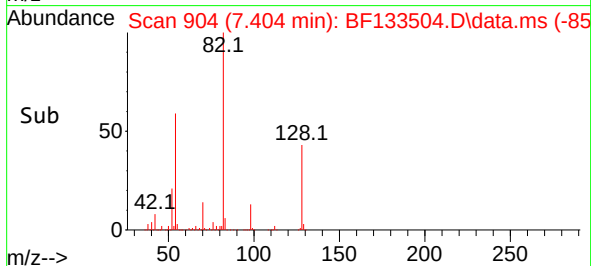
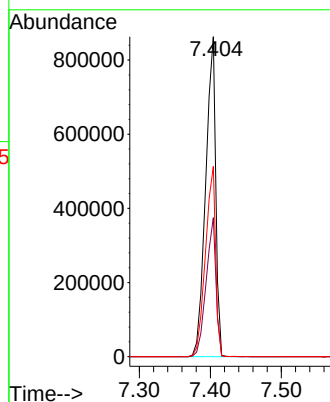
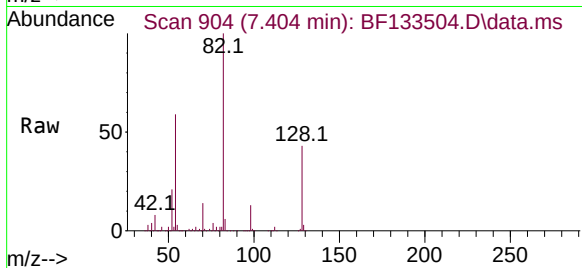
Tgt Ion: 82 Resp: 851981

Ion Ratio Lower Upper

82 100

128 43.5 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: BF133504.D

Acq: 26 May 2023 17:54

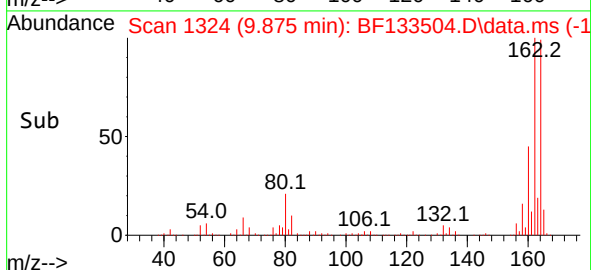
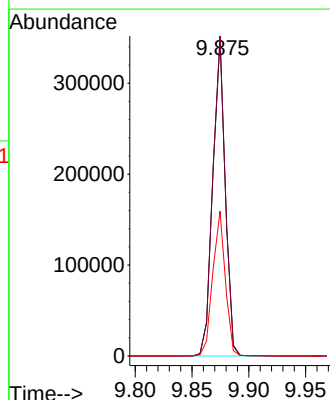
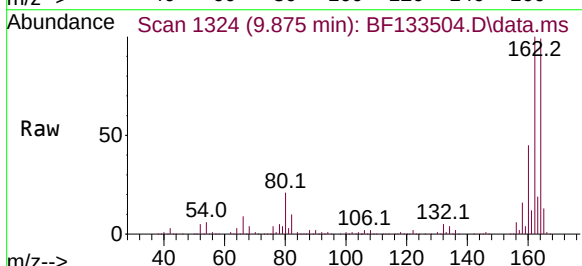
Tgt Ion:164 Resp: 265143

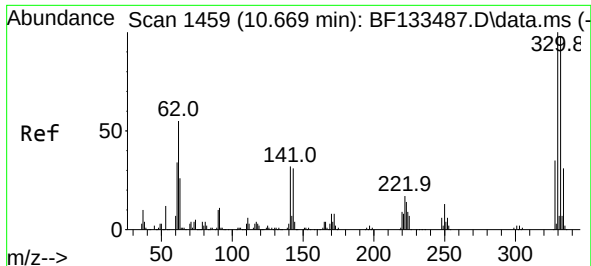
Ion Ratio Lower Upper

164 100

162 100.9 79.7 119.5

160 45.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 93.524 ng

RT: 10.663 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133504.D

Acq: 26 May 2023 17:54

Instrument :

BNA_F

ClientSampleId :

PB153075BL

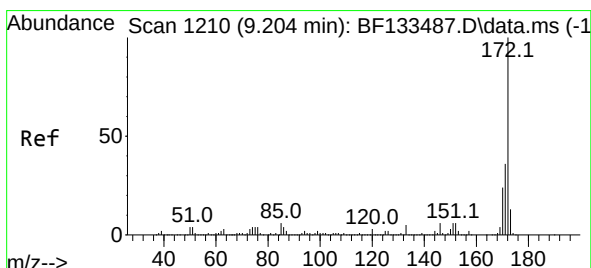
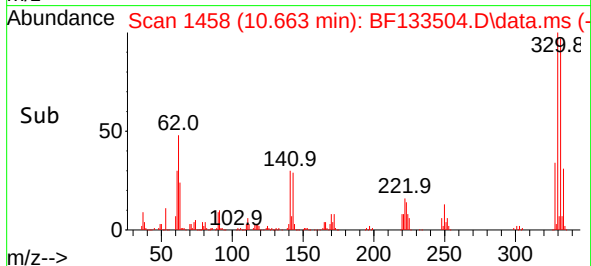
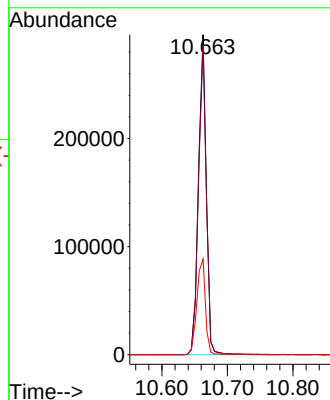
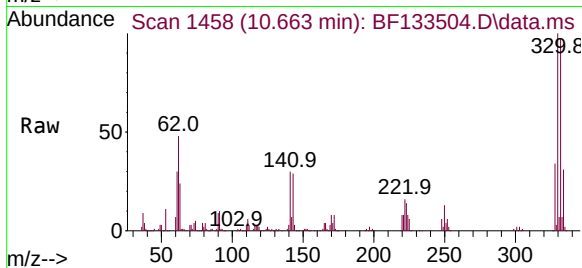
Tgt Ion:330 Resp: 247183

Ion Ratio Lower Upper

330 100

332 96.5 77.8 116.6

141 32.7 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 85.243 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133504.D

Acq: 26 May 2023 17:54

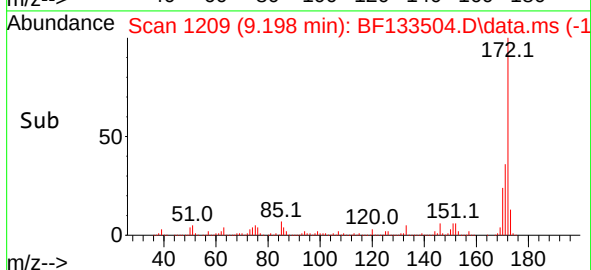
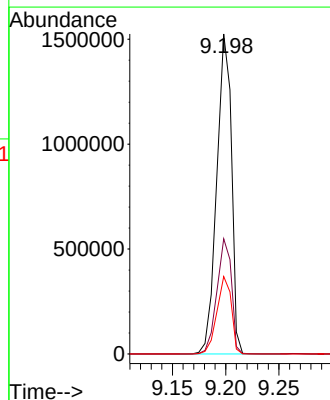
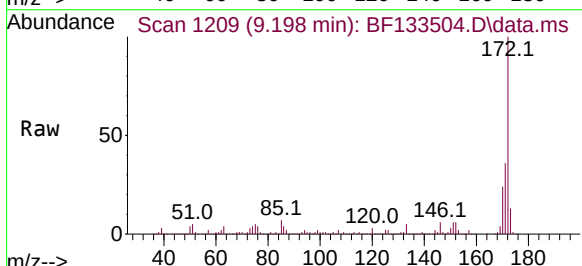
Tgt Ion:172 Resp: 1464374

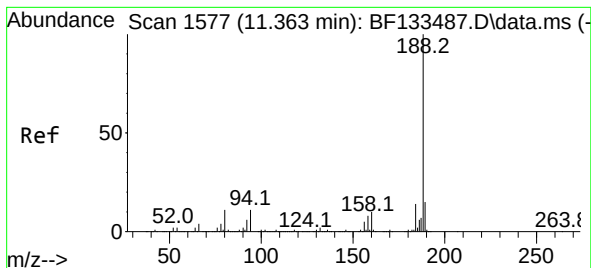
Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 24.2 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1577

Delta R.T. -0.000 min

Lab File: BF133504.D

Acq: 26 May 2023 17:54

Instrument :

BNA_F

ClientSampleId :

PB153075BL

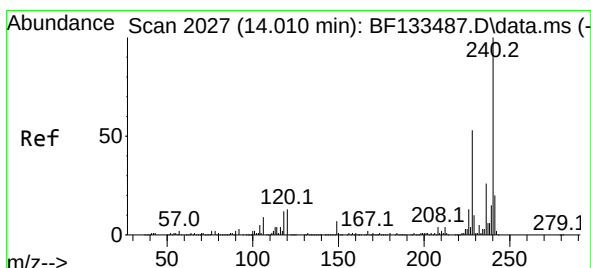
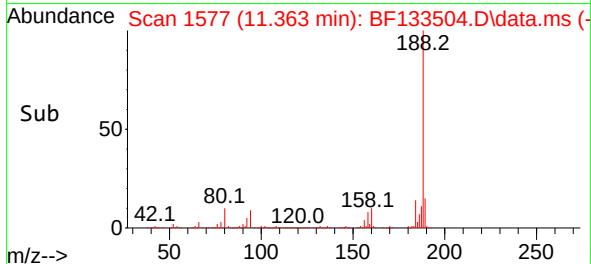
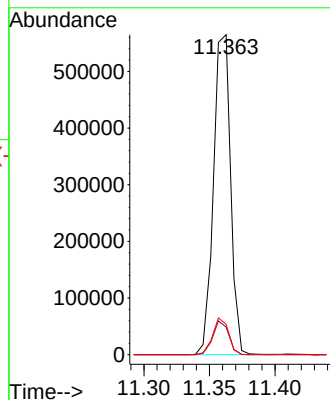
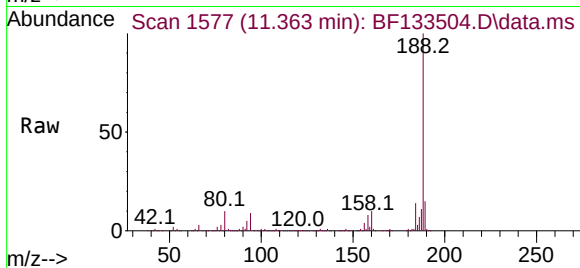
Tgt Ion:188 Resp: 512855

Ion Ratio Lower Upper

188 100

94 8.7 8.6 12.8

80 9.5 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: BF133504.D

Acq: 26 May 2023 17:54

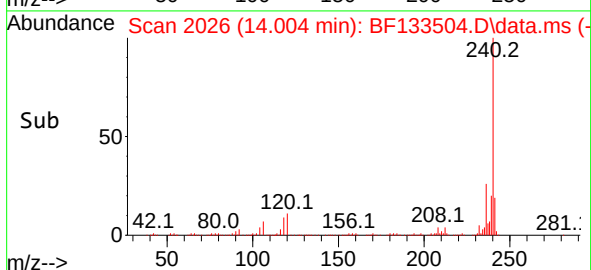
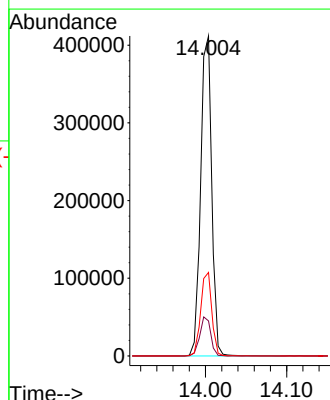
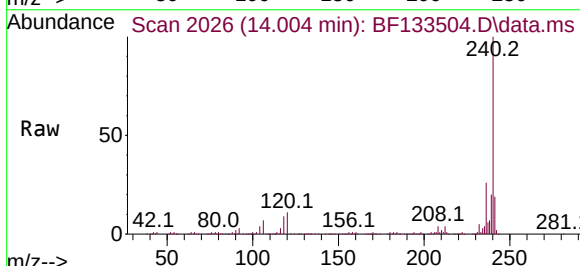
Tgt Ion:240 Resp: 390949

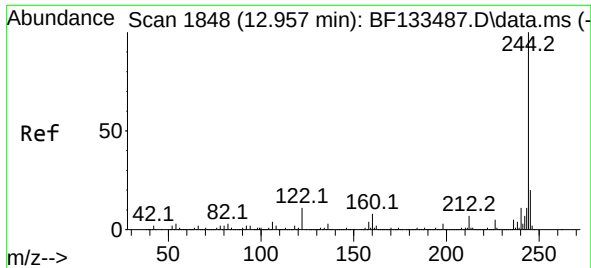
Ion Ratio Lower Upper

240 100

120 10.9 10.3 15.5

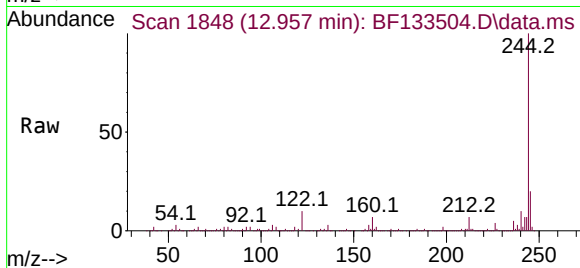
236 26.1 20.5 30.7





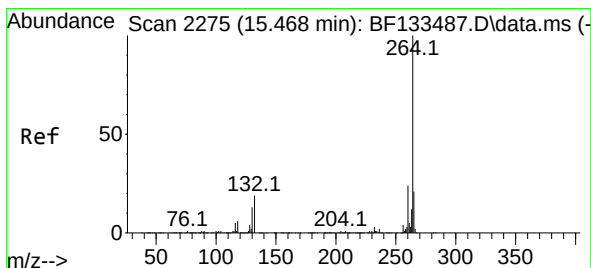
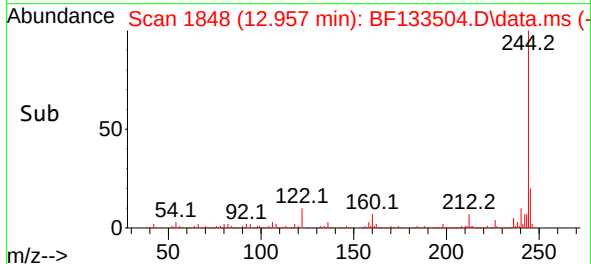
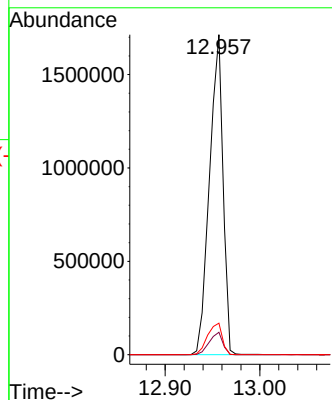
#79
 Terphenyl-d14
 Concen: 76.942 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BF133504.D
 Acq: 26 May 2023 17:54

Instrument :
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Tgt Ion:244 Resp: 1691816

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	9.8	8.5	12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF133504.D
 Acq: 26 May 2023 17:54

Tgt Ion:264 Resp: 369703

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.4
265	21.5	16.8	25.2

