

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
 Data File : BF133530.D
 Acq On : 30 May 2023 19:25
 Operator : CG\JU
 Sample : 02955-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB26

Quant Time: May 31 05:21:49 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	143598	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	546708	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	263151	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	508882	20.000	ng	0.00
76) Chrysene-d12	13.992	240	301095	20.000	ng	-0.01
86) Perylene-d12	15.451	264	283966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	799875	92.937	ng	0.00
7) Phenol-d6	6.457	99	992974	93.723	ng	0.00
23) Nitrobenzene-d5	7.392	82	619421	75.649	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	270182	103.000	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1019776	59.812	ng	0.00
79) Terphenyl-d14	12.945	244	1078833	63.706	ng	0.00

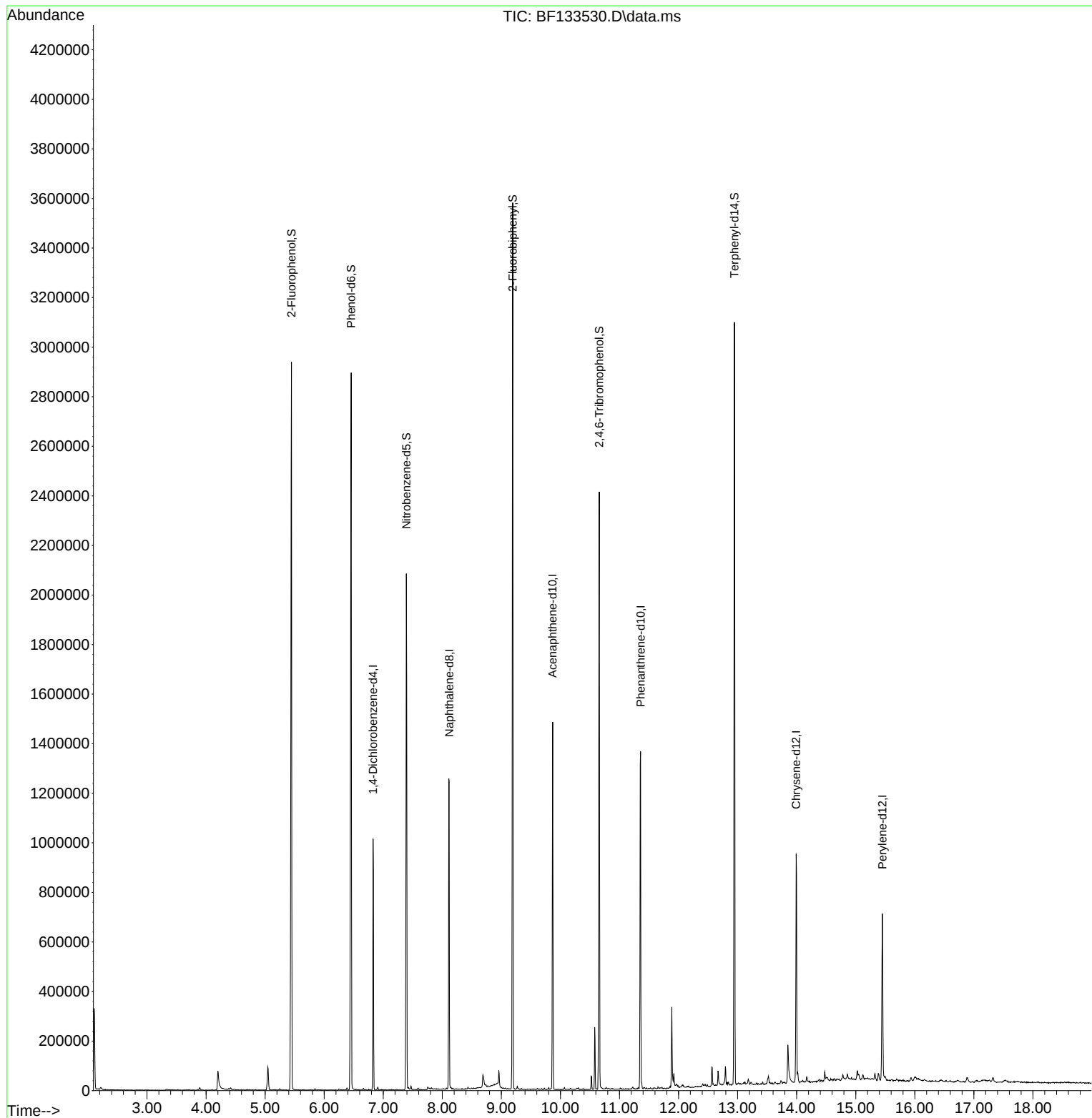
Target Compounds	Qvalue

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

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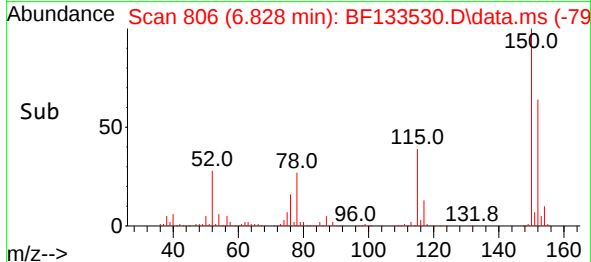
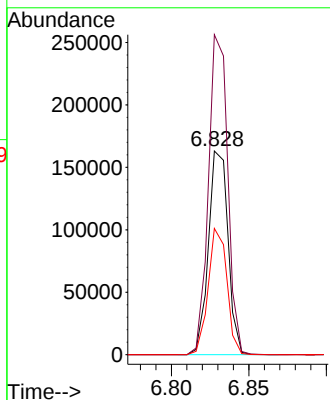
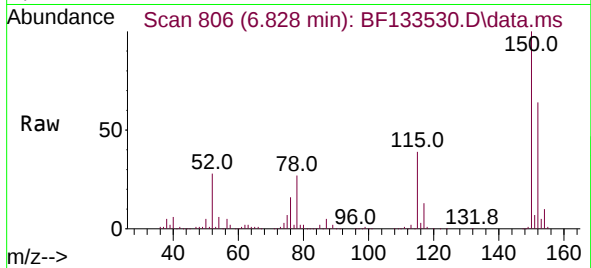




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133530.D
Acq: 30 May 2023 19:25

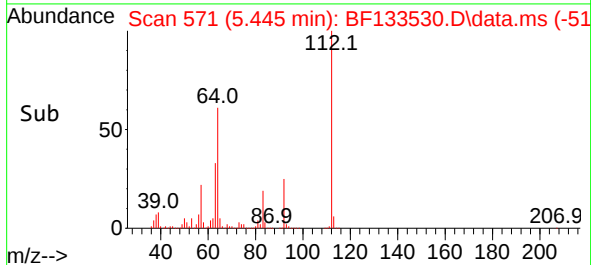
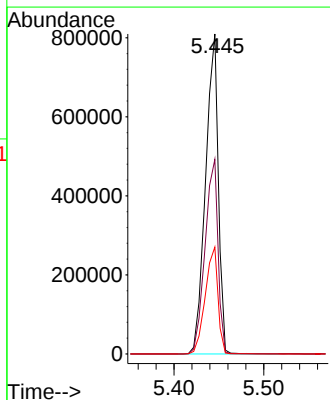
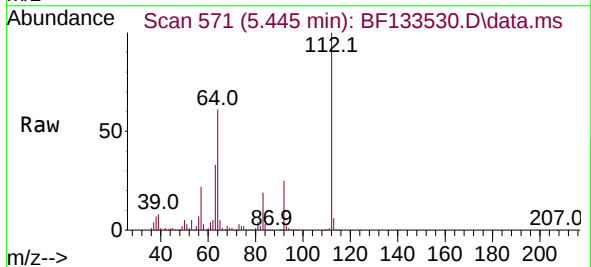
Instrument :
BNA_F
ClientSampleId :
SB26

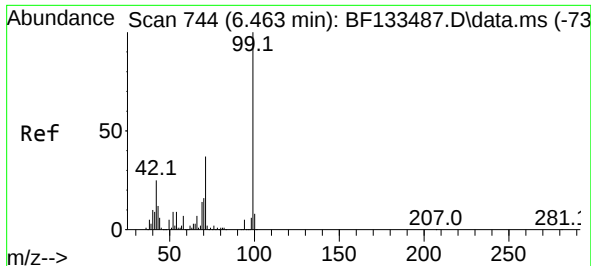
Tgt Ion:152 Resp: 143598
Ion Ratio Lower Upper
152 100
150 157.1 124.9 187.3
115 62.0 48.1 72.1



#5
2-Fluorophenol
Concen: 92.937 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF133530.D
Acq: 30 May 2023 19:25

Tgt Ion:112 Resp: 799875
Ion Ratio Lower Upper
112 100
64 60.8 50.1 75.1
63 33.4 27.5 41.3

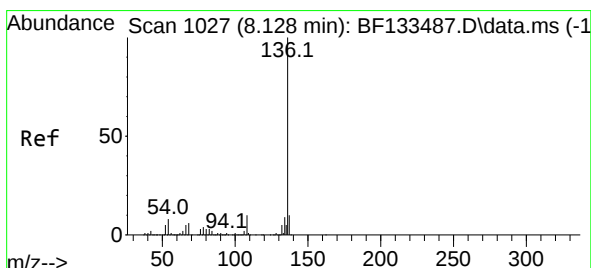
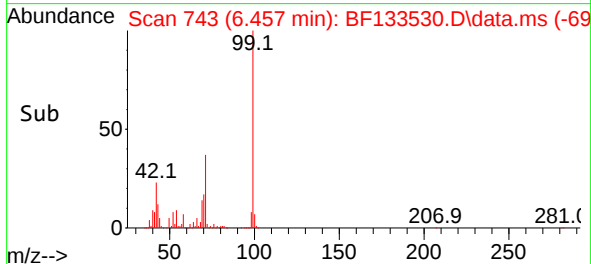
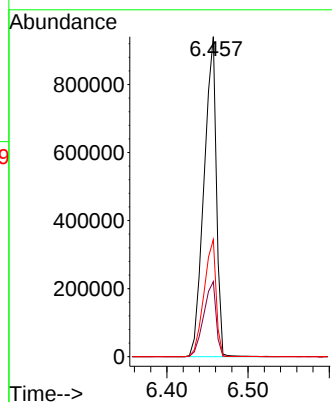
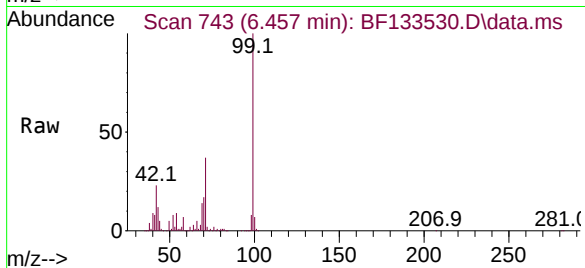




#7
Phenol-d6
Concen: 93.723 ng
RT: 6.457 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133530.D
Acq: 30 May 2023 19:25

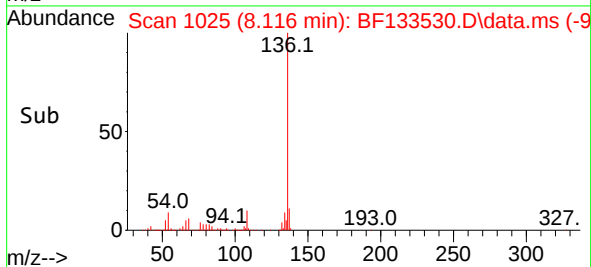
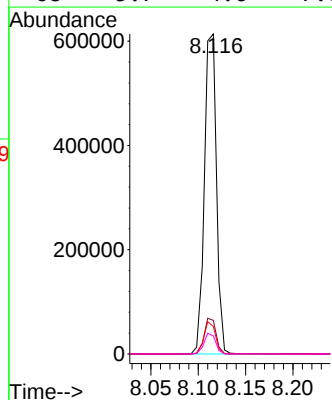
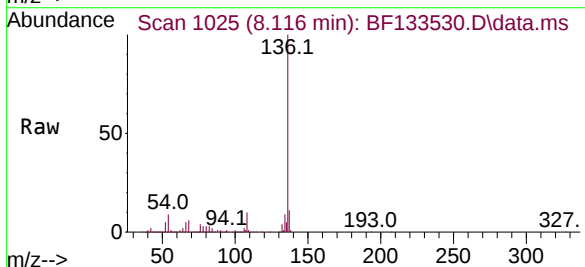
Instrument :
BNA_F
ClientSampleId :
SB26

Tgt Ion: 99 Resp: 992974
Ion Ratio Lower Upper
99 100
42 23.4 19.7 29.5
71 36.6 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: BF133530.D
Acq: 30 May 2023 19:25

Tgt Ion: 136 Resp: 546708
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.4
54 8.6 6.6 10.0
68 5.7 4.6 7.0





#23

Nitrobenzene-d5

Concen: 75.649 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133530.D

Acq: 30 May 2023 19:25

Instrument :

BNA_F

ClientSampleId :

SB26

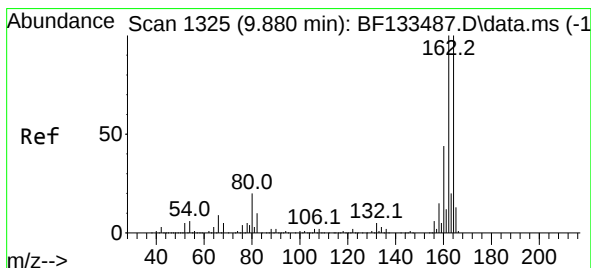
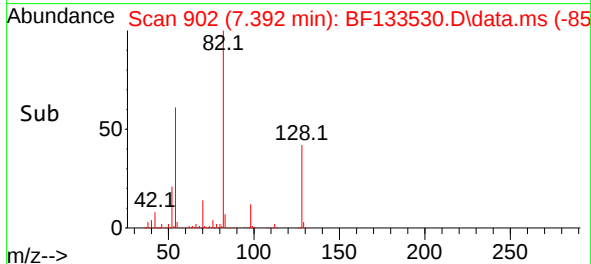
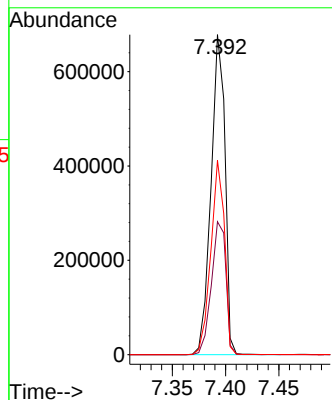
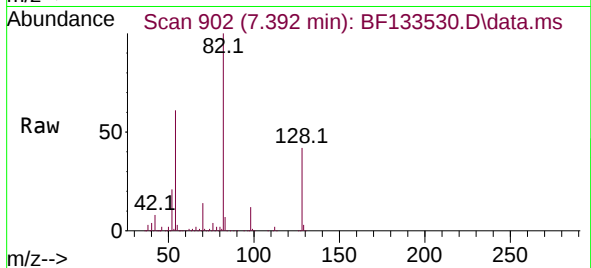
Tgt Ion: 82 Resp: 619421

Ion Ratio Lower Upper

82 100

128 41.5 34.2 51.4

54 60.7 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: BF133530.D

Acq: 30 May 2023 19:25

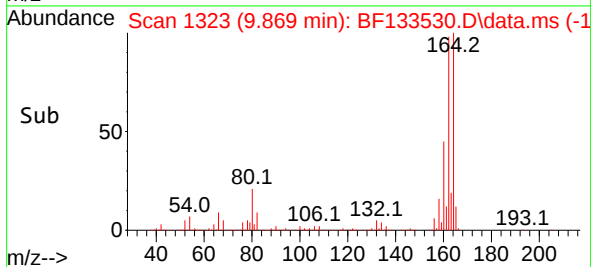
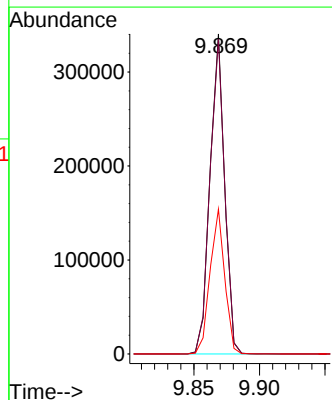
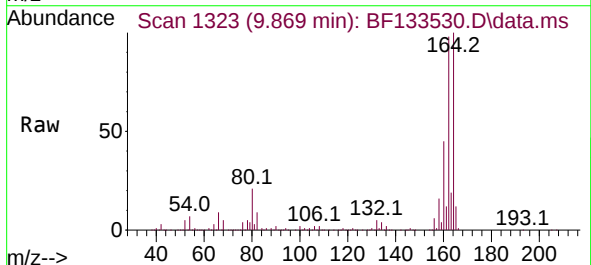
Tgt Ion: 164 Resp: 263151

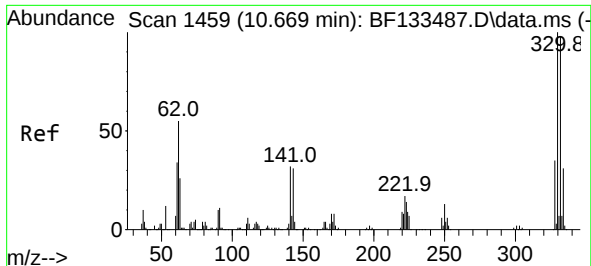
Ion Ratio Lower Upper

164 100

162 98.3 79.7 119.5

160 45.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 103.000 ng

RT: 10.657 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF133530.D

Acq: 30 May 2023 19:25

Instrument :

BNA_F

ClientSampleId :

SB26

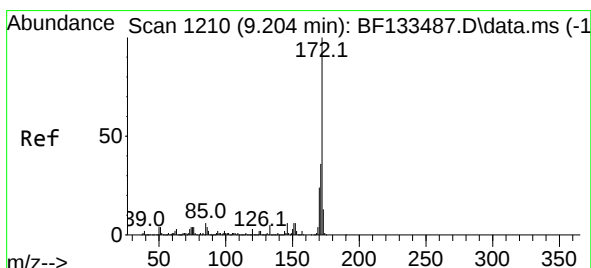
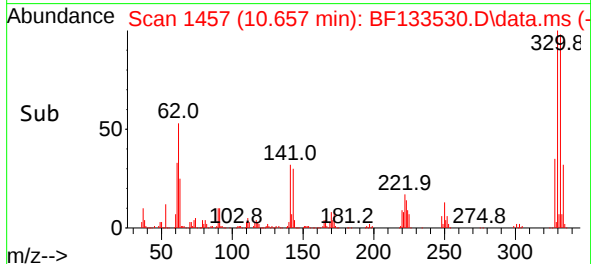
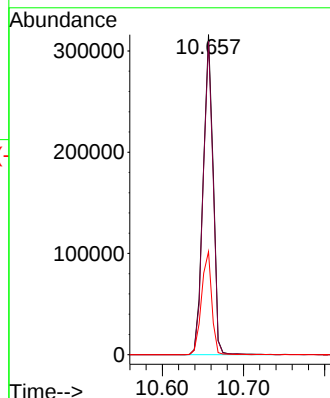
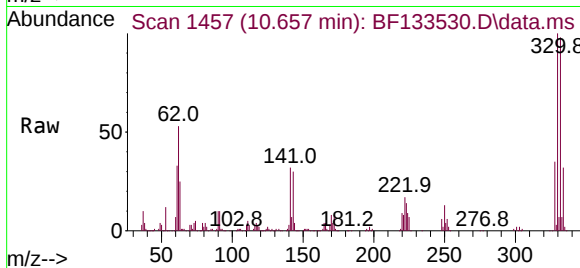
Tgt Ion:330 Resp: 270182

Ion Ratio Lower Upper

330 100

332 97.0 77.8 116.6

141 33.0 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 59.812 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133530.D

Acq: 30 May 2023 19:25

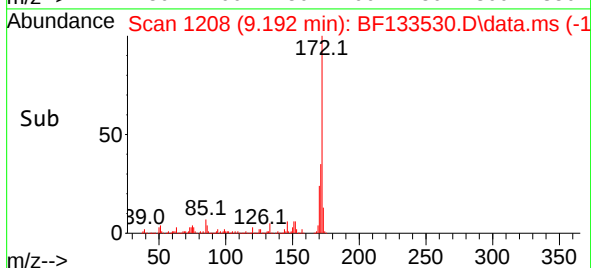
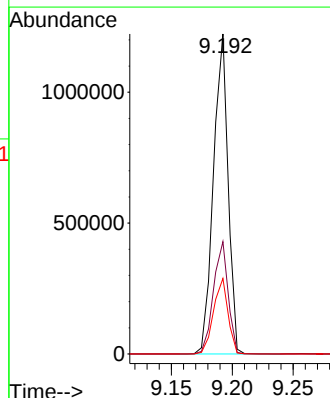
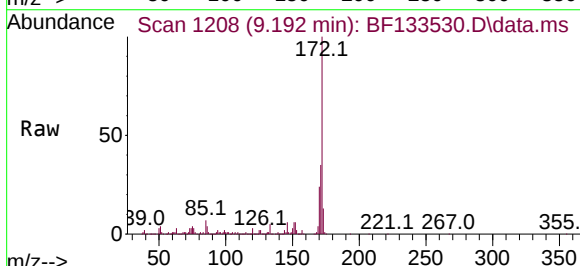
Tgt Ion:172 Resp: 1019776

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.6 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133530.D

Acq: 30 May 2023 19:25

Instrument :

BNA_F

ClientSampleId :

SB26

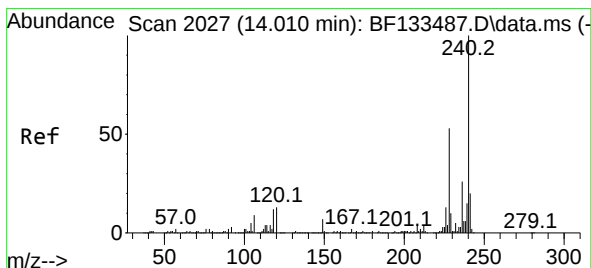
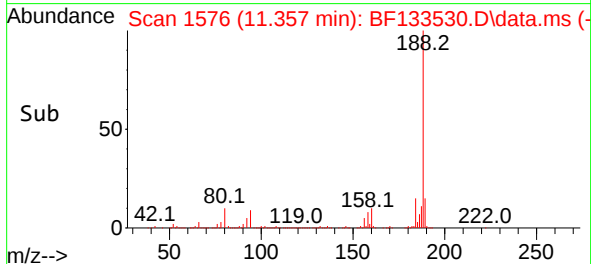
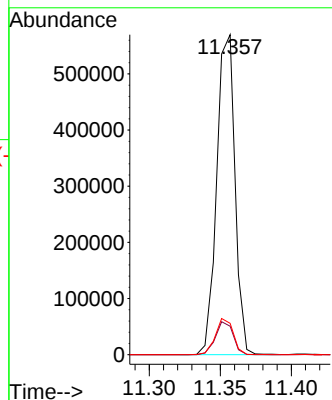
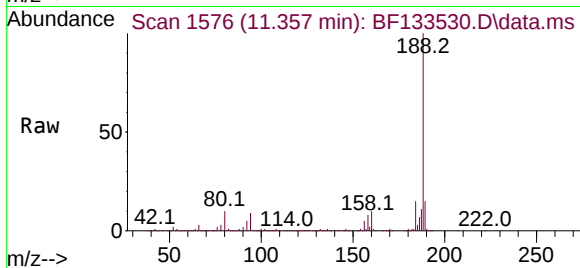
Tgt Ion:188 Resp: 508882

Ion Ratio Lower Upper

188 100

94 8.9 8.6 12.8

80 9.8 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: BF133530.D

Acq: 30 May 2023 19:25

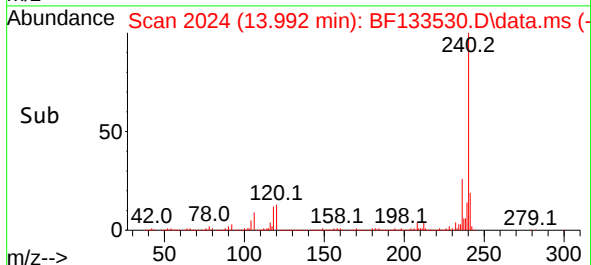
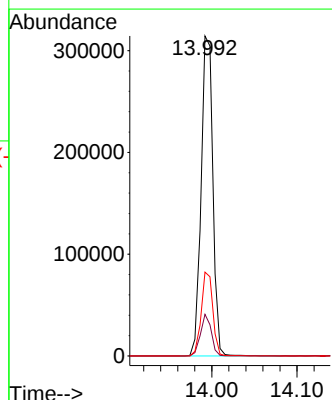
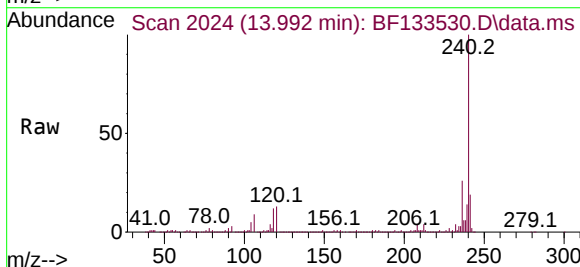
Tgt Ion:240 Resp: 301095

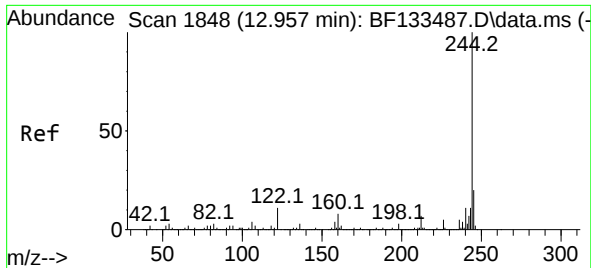
Ion Ratio Lower Upper

240 100

120 13.0 10.3 15.5

236 26.2 20.5 30.7

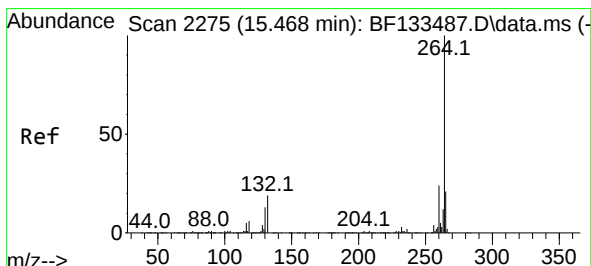
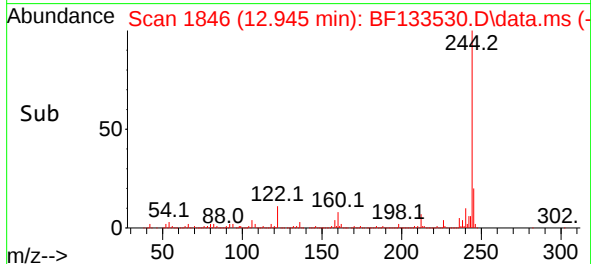
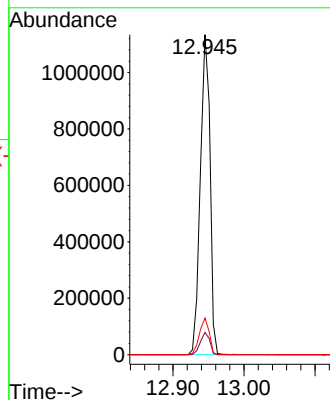
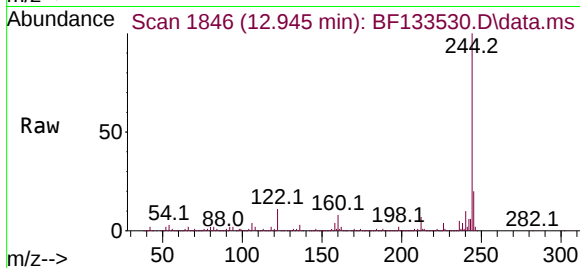




#79
 Terphenyl-d14
 Concen: 63.706 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: BF133530.D
 Acq: 30 May 2023 19:25

Instrument :
 BNA_F
 ClientSampleId :
 SB26

Tgt Ion:244 Resp: 1078833
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 11.5 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: BF133530.D
 Acq: 30 May 2023 19:25

Tgt Ion:264 Resp: 283966
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.4
 265 21.3 16.8 25.2

