

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052523\
 Data File : BF133494.D
 Acq On : 25 May 2023 18:31
 Operator : CG\JU
 Sample : 02908-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC10

Quant Time: May 26 02:07:56 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	95639	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	347832	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	144389	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	241582	20.000	ng	0.00
76) Chrysene-d12	13.998	240	220901	20.000	ng	-0.01
86) Perylene-d12	15.457	264	270870	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	549929	95.937	ng	0.00
7) Phenol-d6	6.451	99	645136	91.426	ng	-0.01
23) Nitrobenzene-d5	7.398	82	399088	76.607	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	135702	94.284	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	665219	71.108	ng	0.00
79) Terphenyl-d14	12.951	244	573983	46.199	ng	0.00

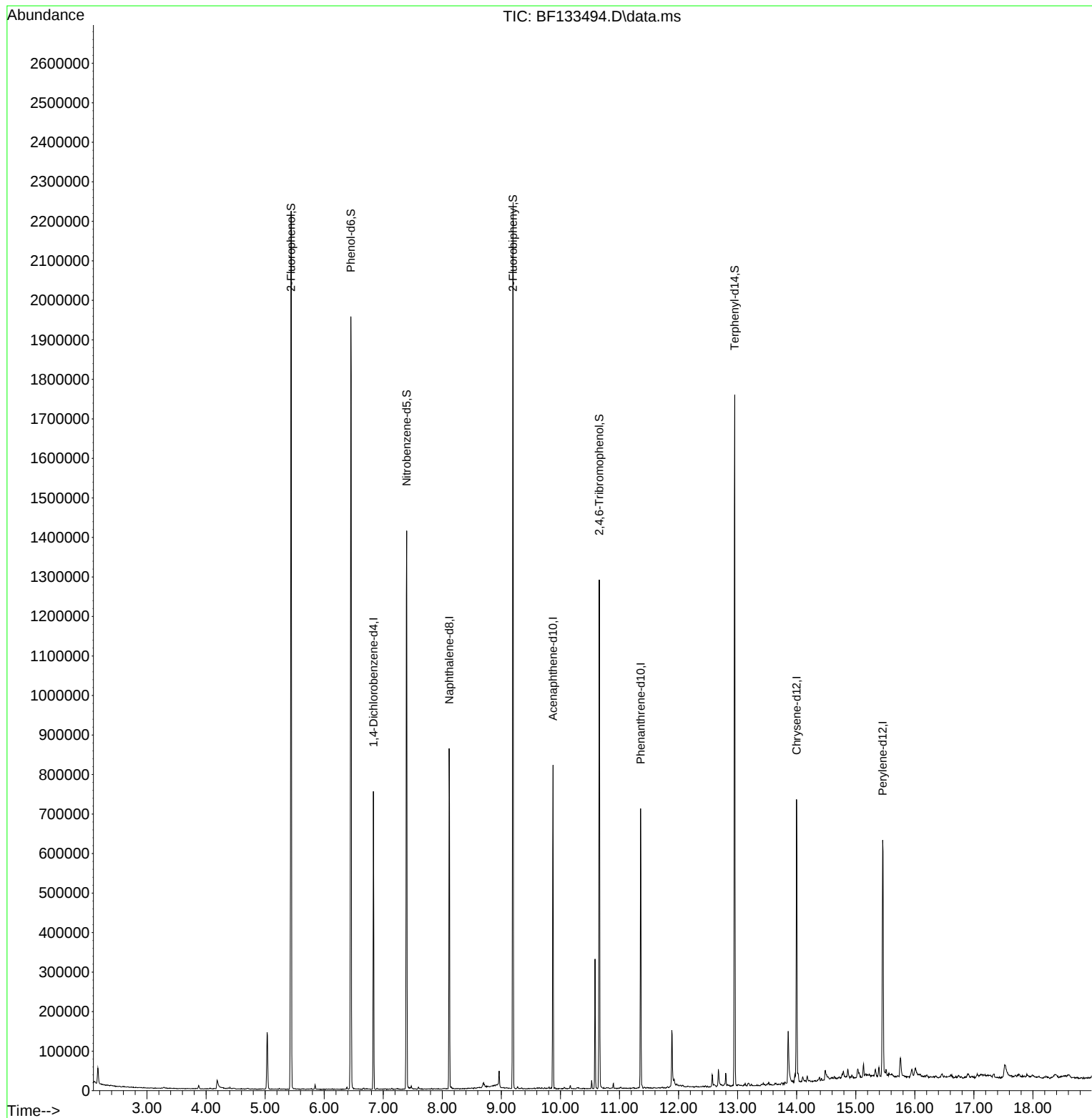
Target Compounds	Qvalue

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

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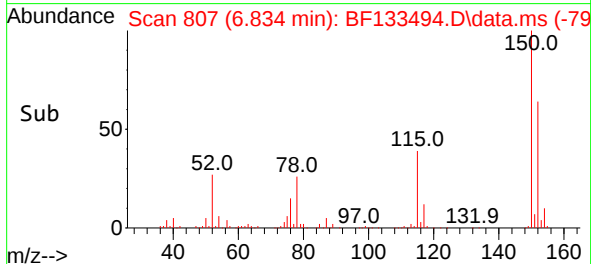
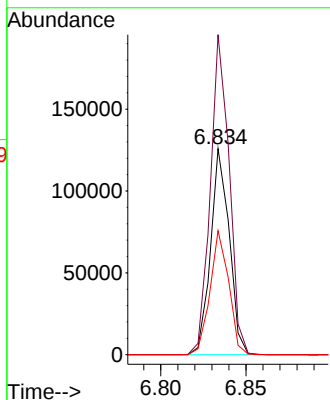
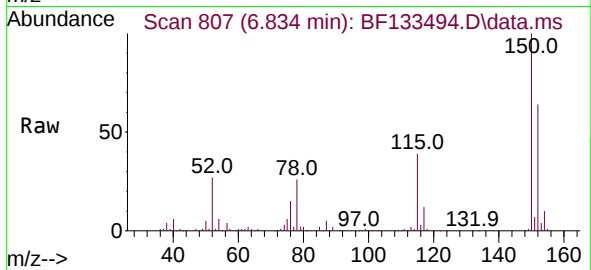




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133494.D
Acq: 25 May 2023 18:31

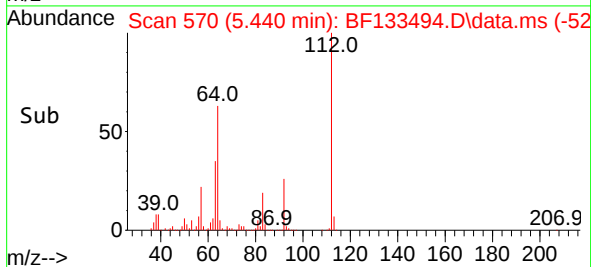
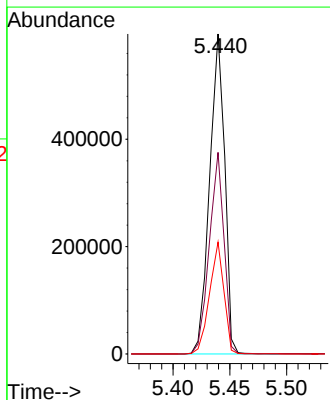
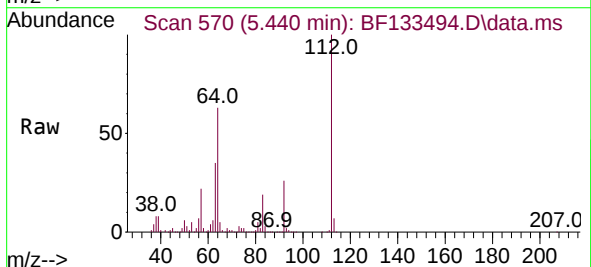
Instrument :
BNA_F
ClientSampleId :
WC10

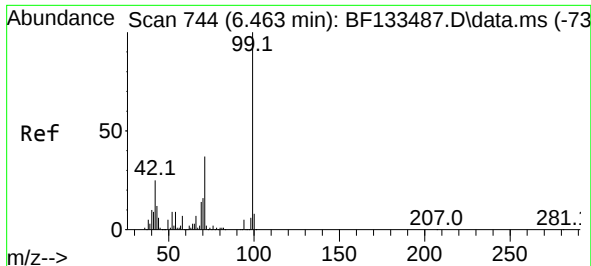
Tgt Ion:152 Resp: 95639
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 60.2 48.1 72.1



#5
2-Fluorophenol
Concen: 95.937 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.006 min
Lab File: BF133494.D
Acq: 25 May 2023 18:31

Tgt Ion:112 Resp: 549929
Ion Ratio Lower Upper
112 100
64 63.0 50.1 75.1
63 35.0 27.5 41.3

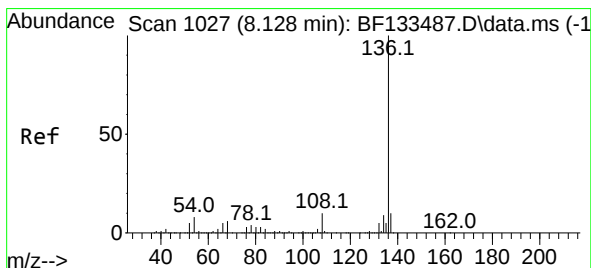
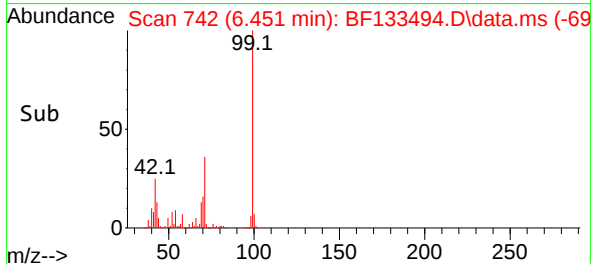
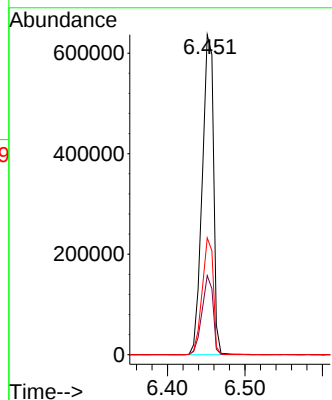
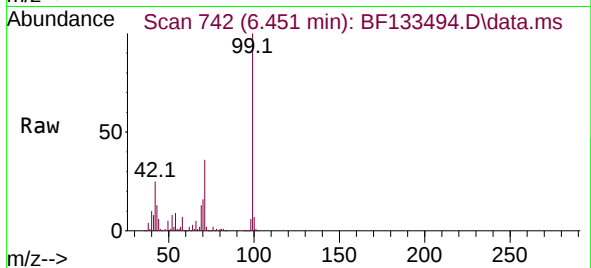




#7
Phenol-d6
Concen: 91.426 ng
RT: 6.451 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF133494.D
Acq: 25 May 2023 18:31

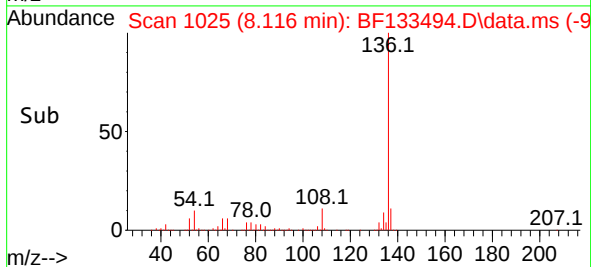
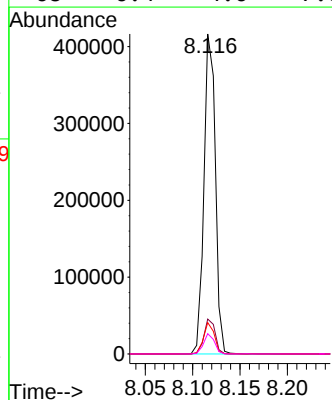
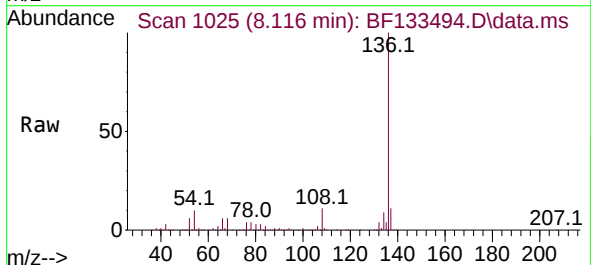
Instrument :
BNA_F
ClientSampleId :
WC10

Tgt Ion: 99 Resp: 645136
Ion Ratio Lower Upper
99 100
42 24.7 19.7 29.5
71 36.5 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF133494.D
Acq: 25 May 2023 18:31

Tgt Ion: 136 Resp: 347832
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.4
54 9.8 6.6 10.0
68 6.4 4.6 7.0





#23

Nitrobenzene-d5

Concen: 76.607 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133494.D

Acq: 25 May 2023 18:31

Instrument :

BNA_F

ClientSampleId :

WC10

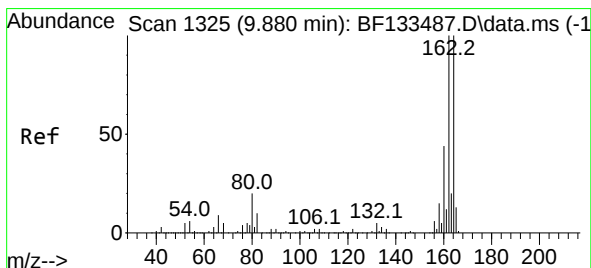
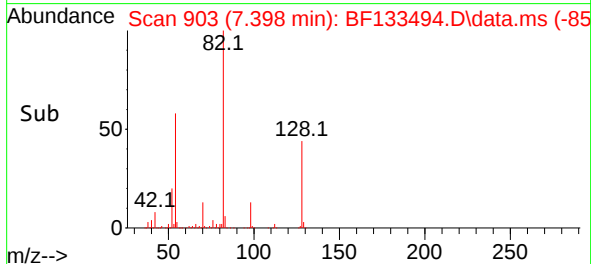
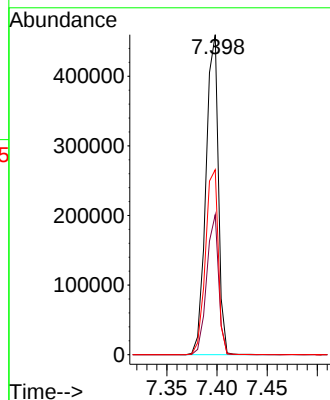
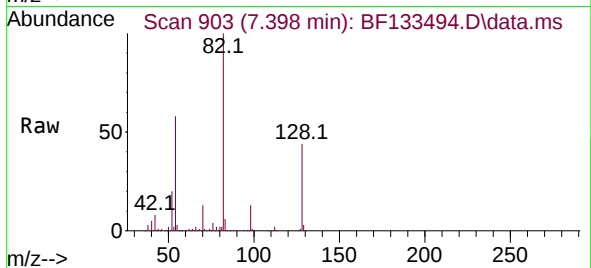
Tgt Ion: 82 Resp: 399088

Ion Ratio Lower Upper

82 100

128 43.8 34.2 51.4

54 57.8 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: BF133494.D

Acq: 25 May 2023 18:31

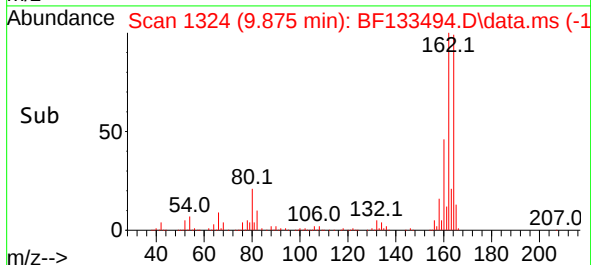
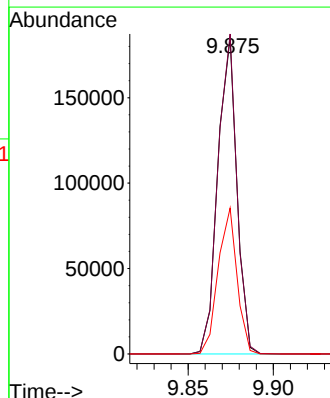
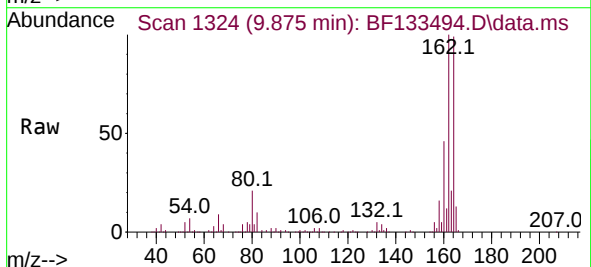
Tgt Ion:164 Resp: 144389

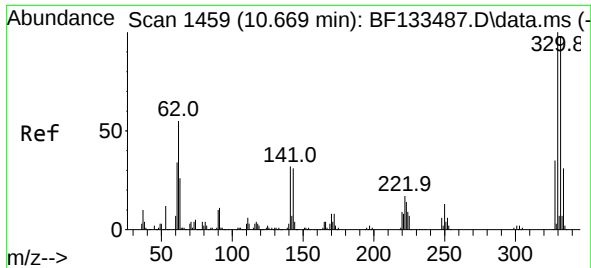
Ion Ratio Lower Upper

164 100

162 101.4 79.7 119.5

160 46.2 35.4 53.0

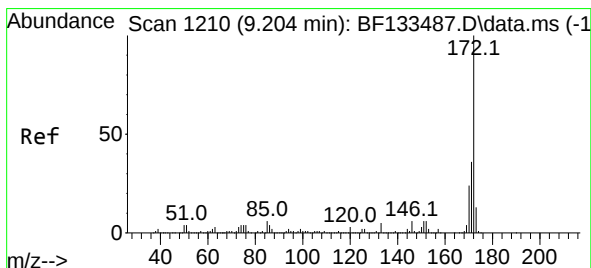
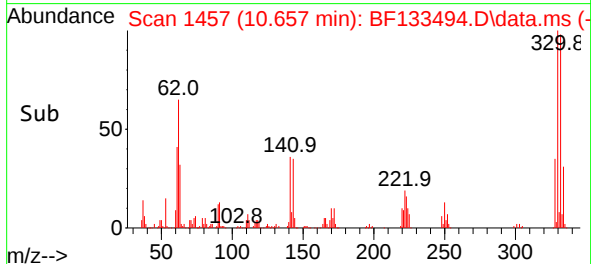
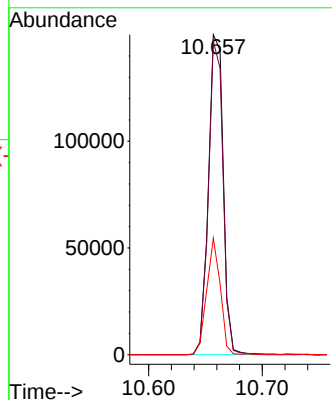
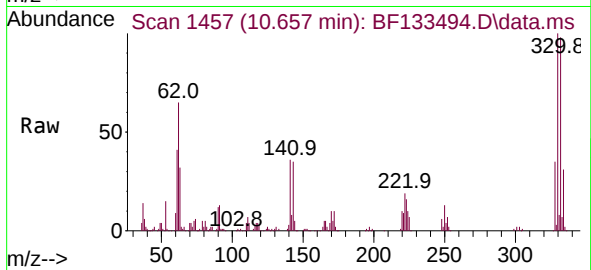




#42
2,4,6-Tribromophenol
Concen: 94.284 ng
RT: 10.657 min Scan# 1459
Delta R.T. -0.012 min
Lab File: BF133494.D
Acq: 25 May 2023 18:31

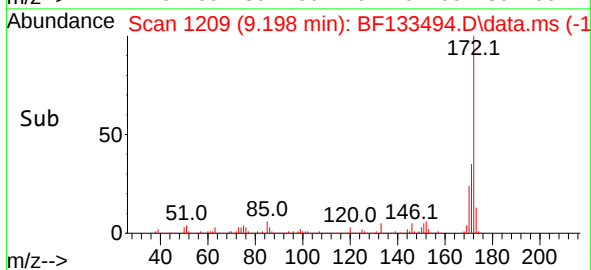
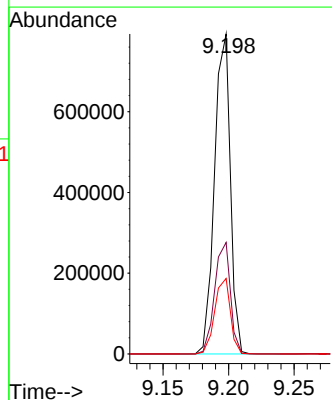
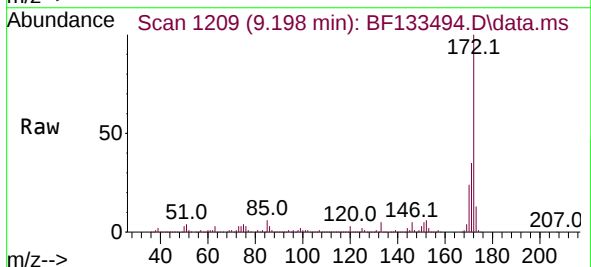
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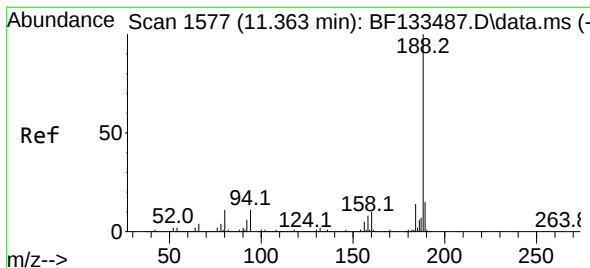
Tgt Ion:330 Resp: 135702
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.6
141 33.5 26.6 40.0



#45
2-Fluorobiphenyl
Concen: 71.108 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF133494.D
Acq: 25 May 2023 18:31

Tgt Ion:172 Resp: 665219
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.6 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133494.D

Acq: 25 May 2023 18:31

Instrument :

BNA_F

ClientSampleId :

WC10

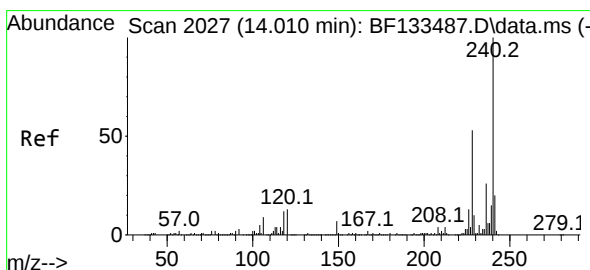
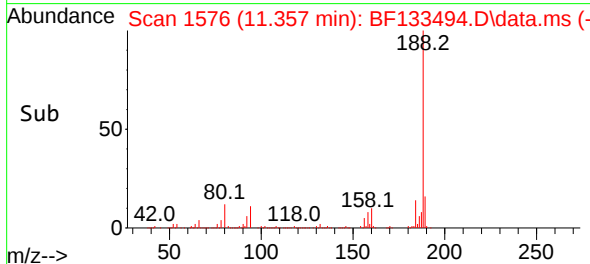
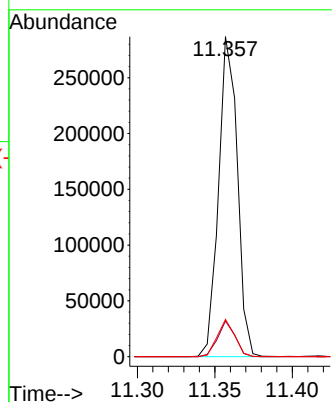
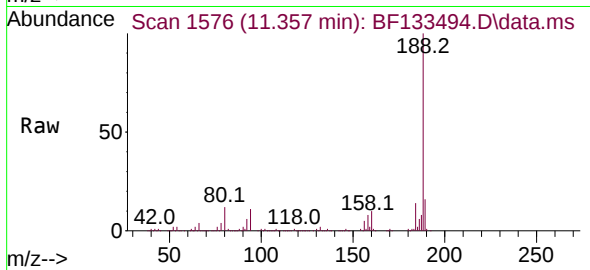
Tgt Ion:188 Resp: 241582

Ion Ratio Lower Upper

188 100

94 11.2 8.6 12.8

80 11.7 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: BF133494.D

Acq: 25 May 2023 18:31

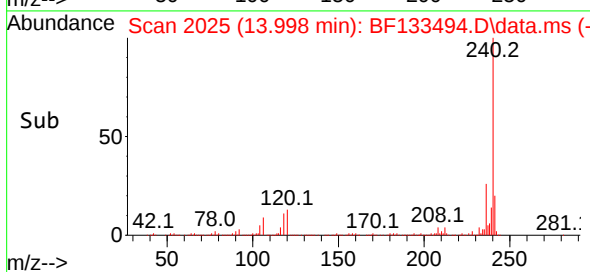
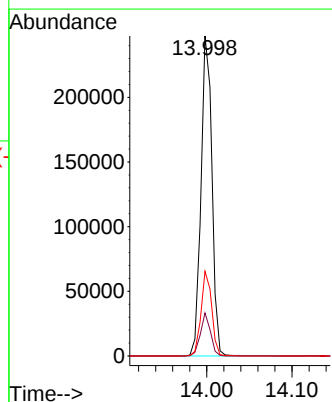
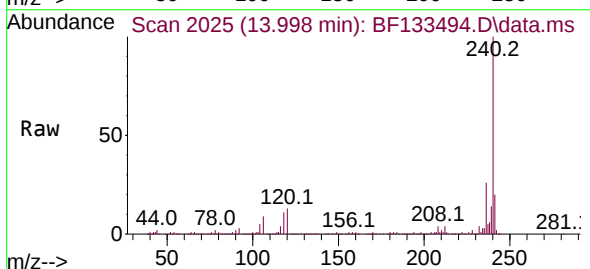
Tgt Ion:240 Resp: 220901

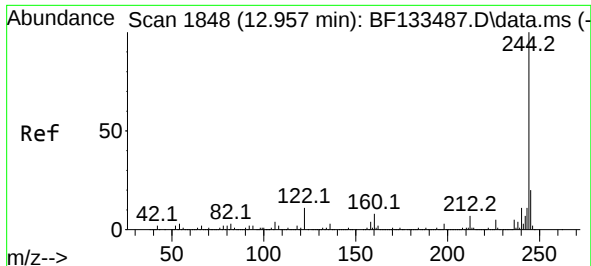
Ion Ratio Lower Upper

240 100

120 13.4 10.3 15.5

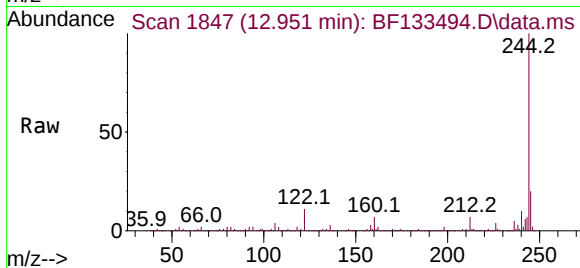
236 26.5 20.5 30.7



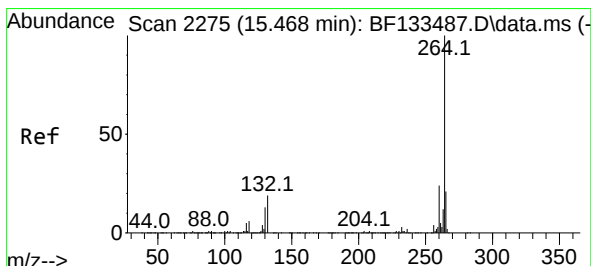
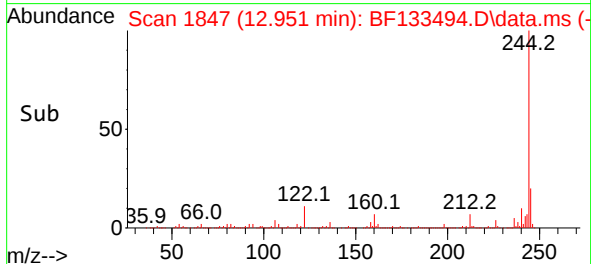
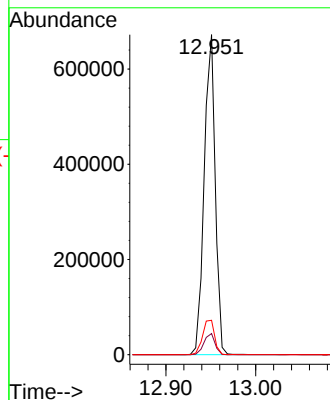


#79
 Terphenyl-d14
 Concen: 46.199 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF133494.D
 Acq: 25 May 2023 18:31

Instrument :
 BNA_F
 ClientSampleId :
 WC10



Tgt Ion:244 Resp: 573983
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 10.7 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: BF133494.D
 Acq: 25 May 2023 18:31

Tgt Ion:264 Resp: 270870
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.4
 265 22.6 16.8 25.2

