

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
 Data File : BF141758.D
 Acq On : 25 Feb 2025 12:03
 Operator : RC/JU
 Sample : PB166843BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166843BL

Quant Time: Feb 25 12:23:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	82722	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	334745	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	180771	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	310469	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	181834	20.000	ng	-0.02
86) Perylene-d12	15.386	264	156390	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	756053	143.287	ng	0.00
7) Phenol-d6	6.428	99	919895	137.935	ng	-0.01
23) Nitrobenzene-d5	7.345	82	606926	94.568	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	245396	135.135	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1165835	99.360	ng	-0.01
79) Terphenyl-d14	12.886	244	1251850	116.224	ng	-0.02

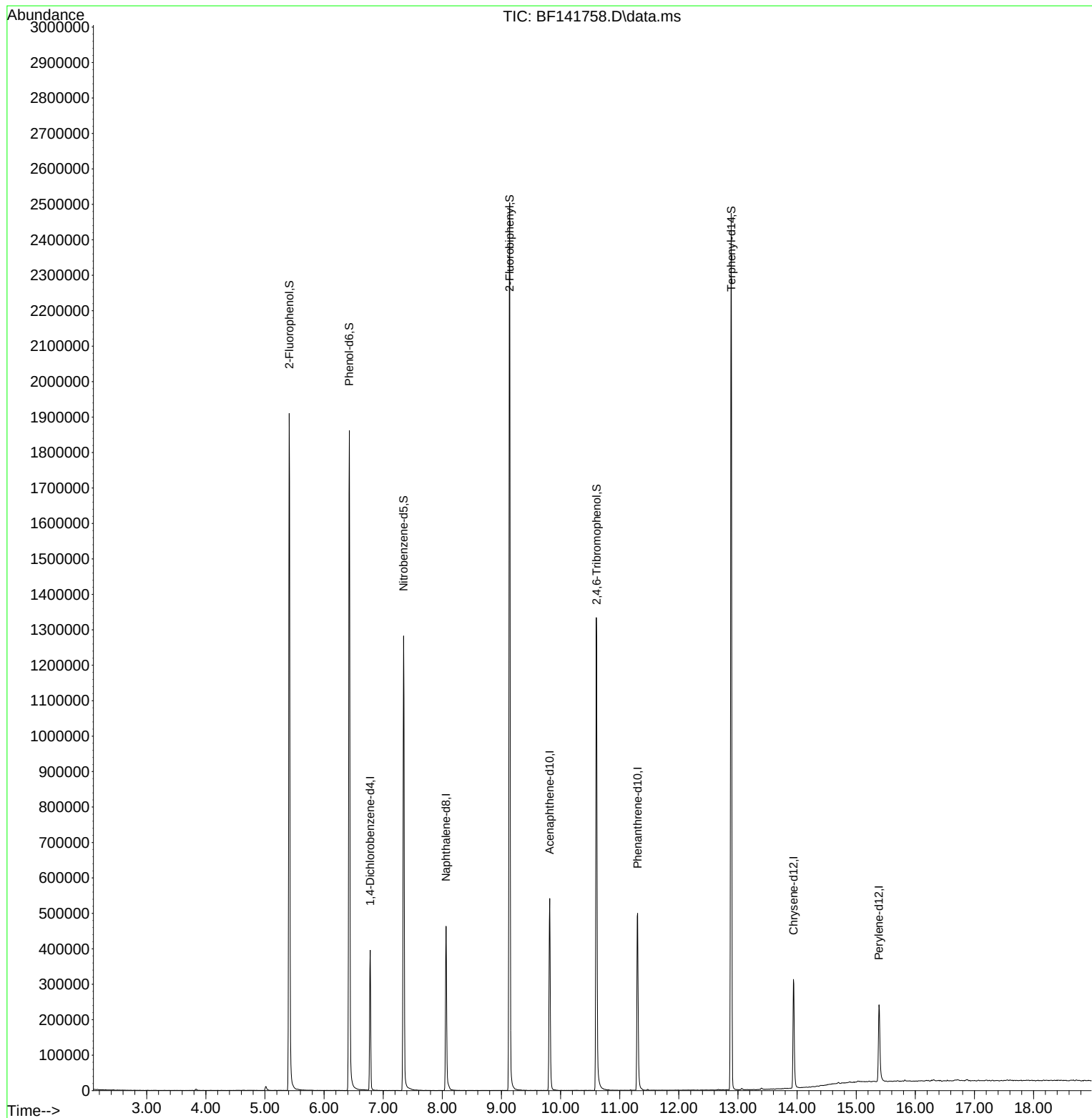
Target Compounds	Qvalue

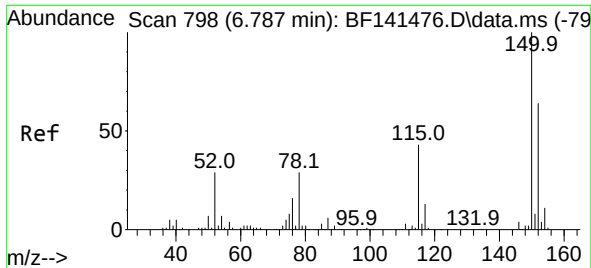
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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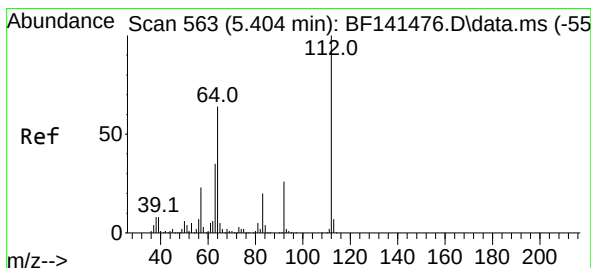
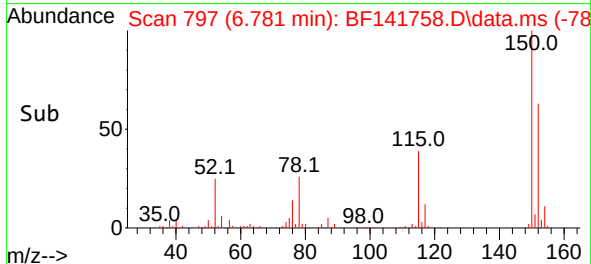
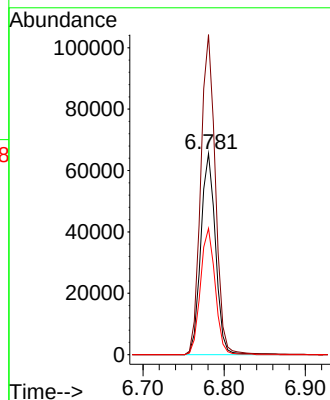
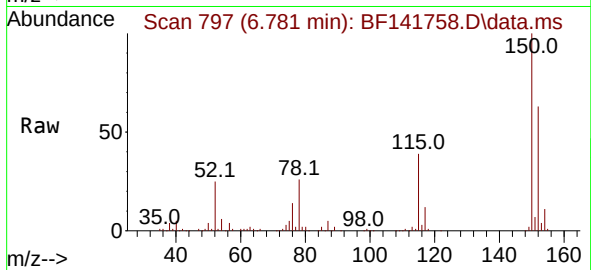




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141758.D
Acq: 25 Feb 2025 12:03

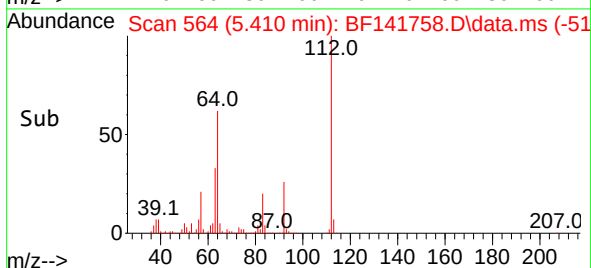
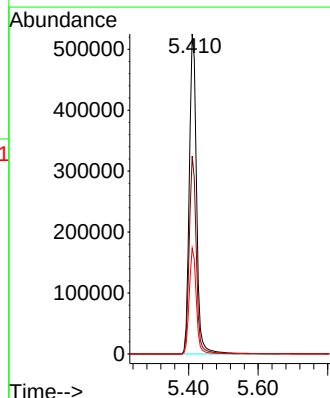
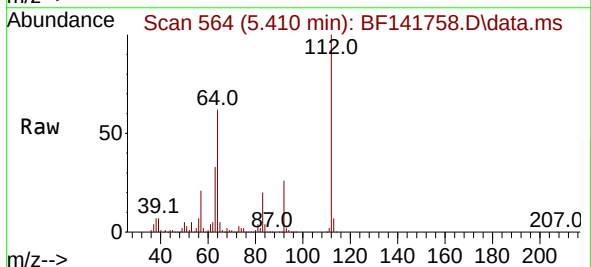
Instrument :
BNA_F
ClientSampleId :
PB166843BL

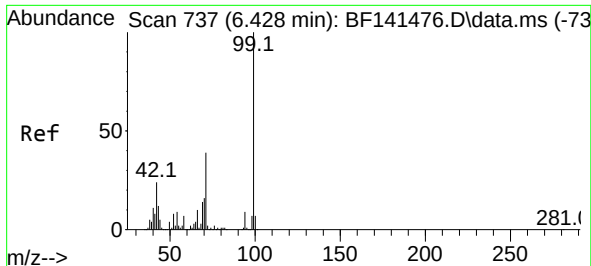
Tgt Ion:152 Resp: 82722
Ion Ratio Lower Upper
152 100
150 159.1 125.0 187.4
115 62.8 53.6 80.4



#5
2-Fluorophenol
Concen: 143.287 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141758.D
Acq: 25 Feb 2025 12:03

Tgt Ion:112 Resp: 756053
Ion Ratio Lower Upper
112 100
64 61.8 51.1 76.7
63 33.1 28.4 42.6

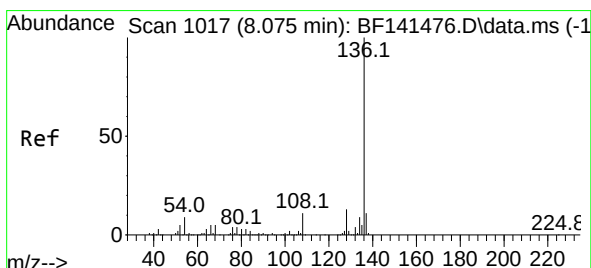
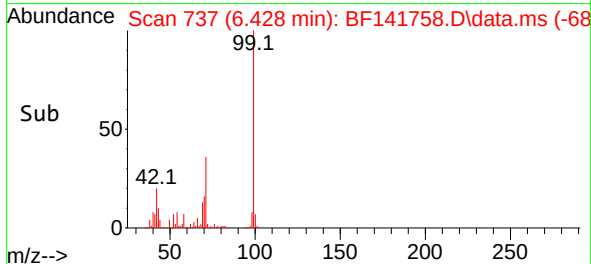
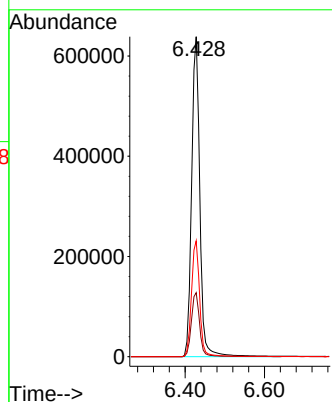
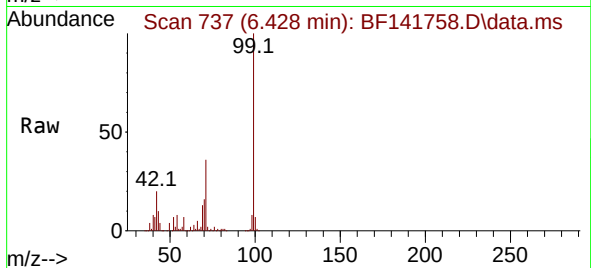




#7
Phenol-d6
Concen: 137.935 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141758.D
Acq: 25 Feb 2025 12:03

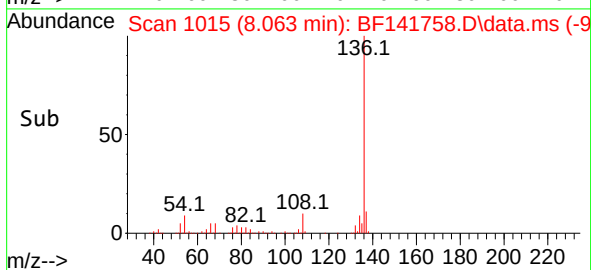
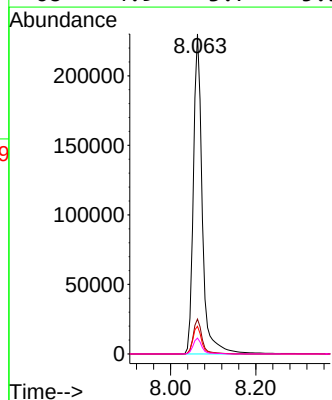
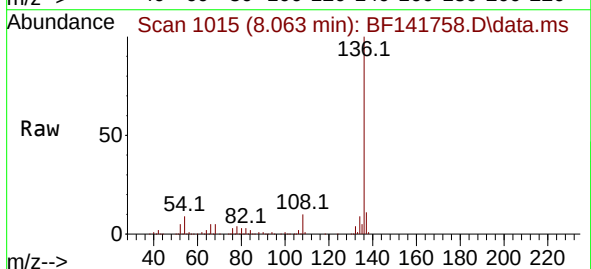
Instrument :
BNA_F
ClientSampleId :
PB166843BL

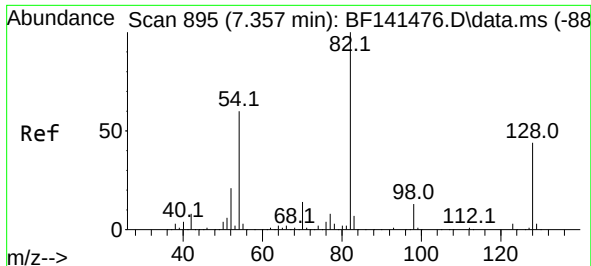
Tgt Ion: 99 Resp: 919895
Ion Ratio Lower Upper
99 100
42 20.0 19.1 28.7
71 36.2 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141758.D
Acq: 25 Feb 2025 12:03

Tgt Ion:136 Resp: 334745
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.7 7.2 10.8
68 4.9 3.7 5.5





#23

Nitrobenzene-d5

Concen: 94.568 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF141758.D

Acq: 25 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

PB166843BL

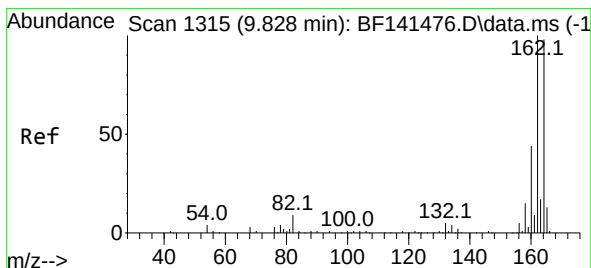
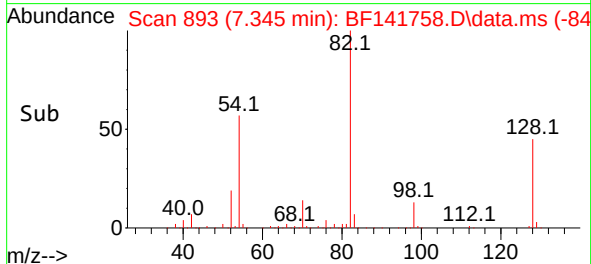
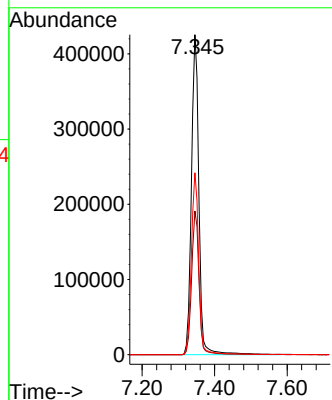
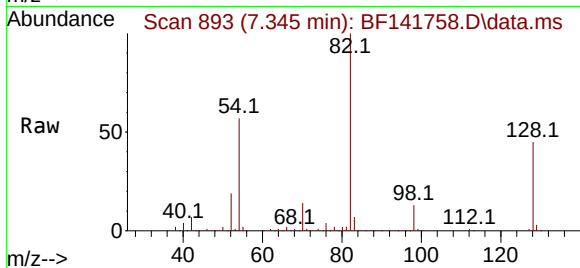
Tgt Ion: 82 Resp: 606926

Ion Ratio Lower Upper

82 100

128 44.9 34.8 52.2

54 56.8 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1313

Delta R.T. -0.018 min

Lab File: BF141758.D

Acq: 25 Feb 2025 12:03

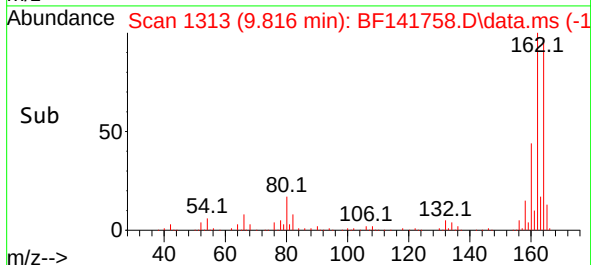
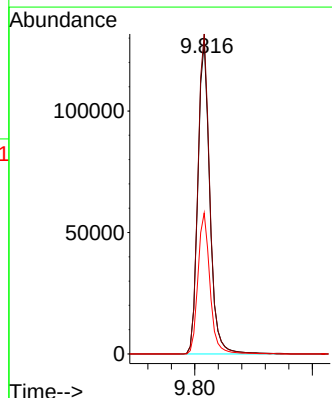
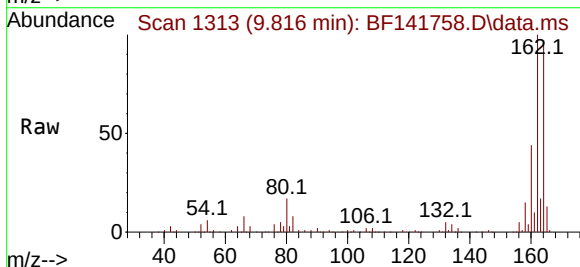
Tgt Ion:164 Resp: 180771

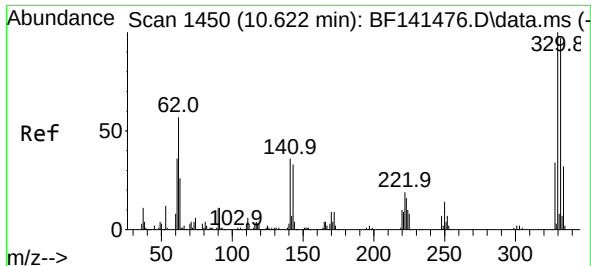
Ion Ratio Lower Upper

164 100

162 102.8 81.3 121.9

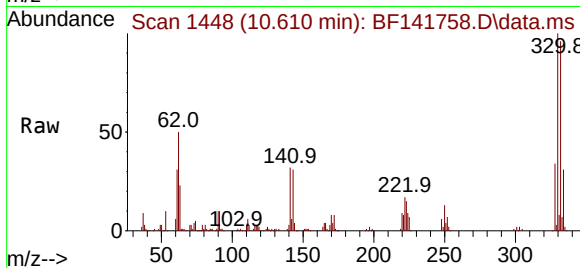
160 45.3 35.9 53.9



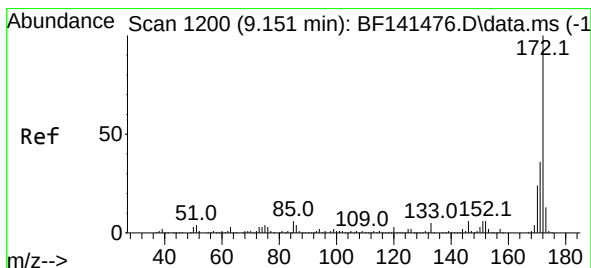
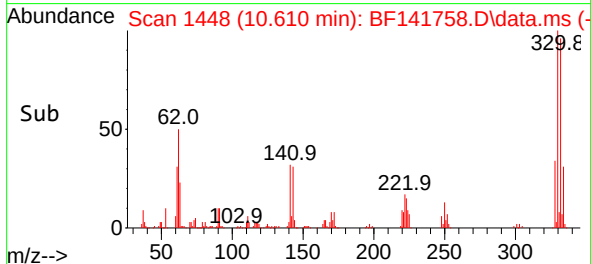
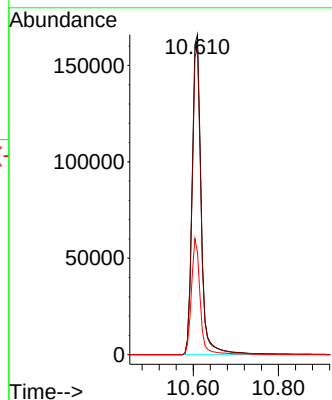


#42
 2,4,6-Tribromophenol
 Concen: 135.135 ng
 RT: 10.610 min Scan# 1450
 Delta R.T. -0.017 min
 Lab File: BF141758.D
 Acq: 25 Feb 2025 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB166843BL

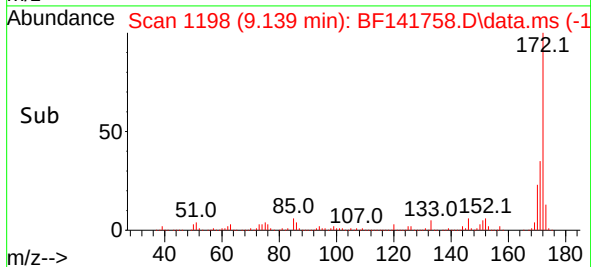
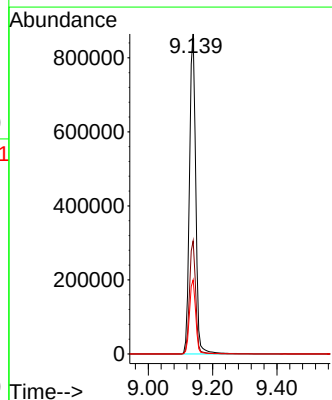
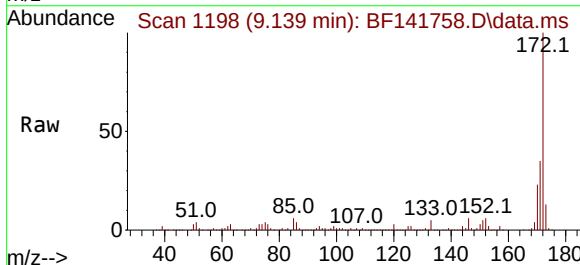


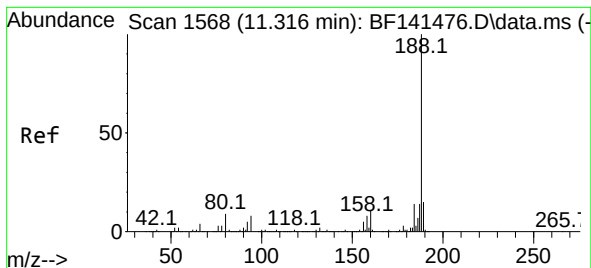
Tgt Ion:330 Resp: 245396
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.5 117.7
 141 35.4 31.0 46.4



#45
 2-Fluorobiphenyl
 Concen: 99.360 ng
 RT: 9.139 min Scan# 1198
 Delta R.T. -0.012 min
 Lab File: BF141758.D
 Acq: 25 Feb 2025 12:03

Tgt Ion:172 Resp: 1165835
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.7 43.1
 170 23.1 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141758.D

Acq: 25 Feb 2025 12:03

Instrument :

BNA_F

ClientSampleId :

PB166843BL

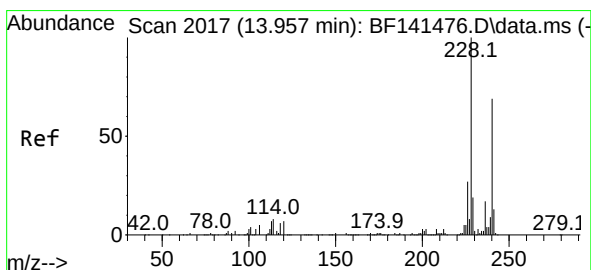
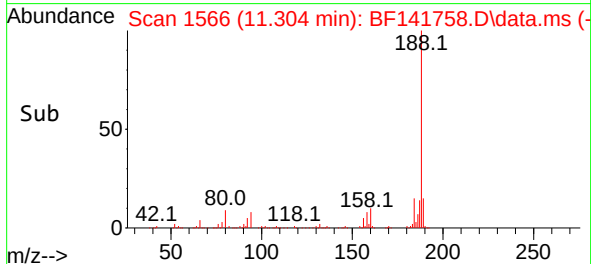
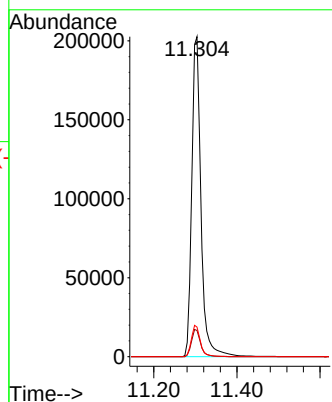
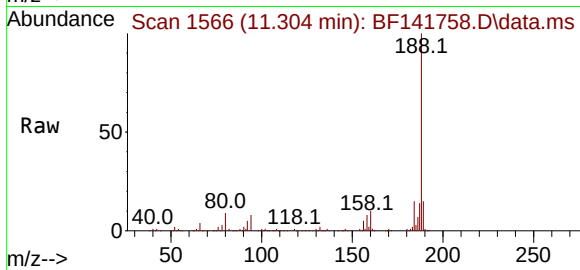
Tgt Ion:188 Resp: 310469

Ion Ratio Lower Upper

188 100

94 8.2 6.6 10.0

80 9.3 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.023 min

Lab File: BF141758.D

Acq: 25 Feb 2025 12:03

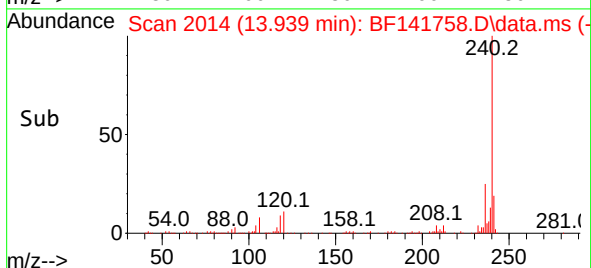
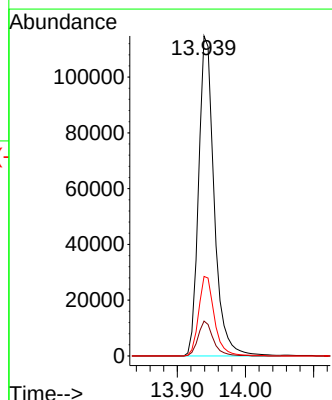
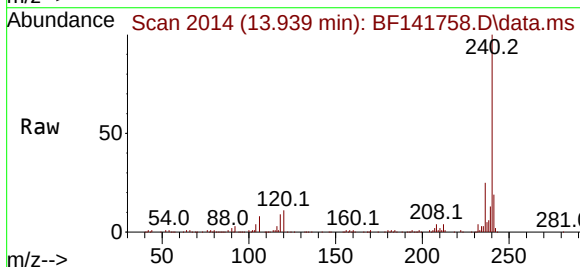
Tgt Ion:240 Resp: 181834

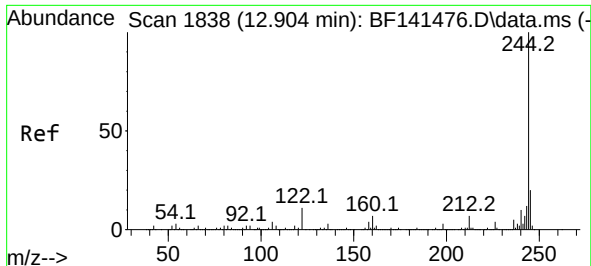
Ion Ratio Lower Upper

240 100

120 10.9 8.0 12.0

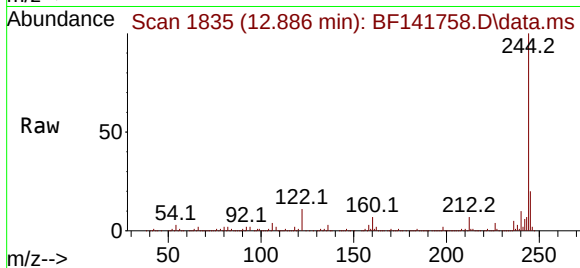
236 24.9 19.8 29.8



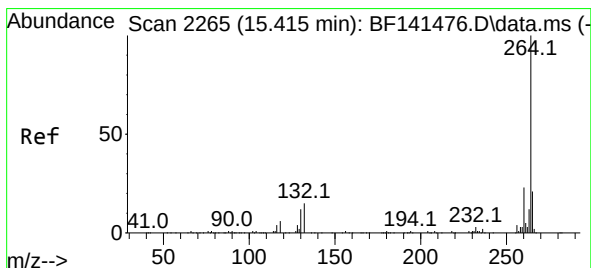
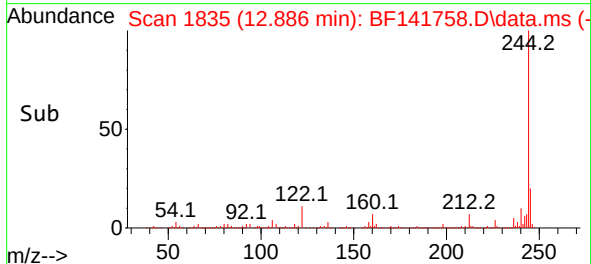
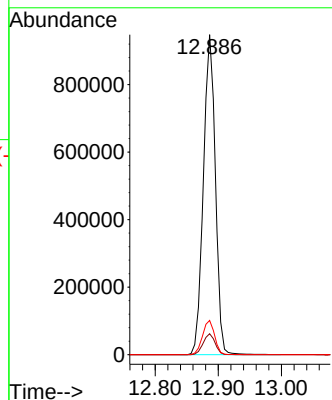


#79
 Terphenyl-d14
 Concen: 116.224 ng
 RT: 12.886 min Scan# 1835
 Delta R.T. -0.018 min
 Lab File: BF141758.D
 Acq: 25 Feb 2025 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB166843BL



Tgt Ion:244 Resp: 1251850
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 10.7 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2260
 Delta R.T. -0.029 min
 Lab File: BF141758.D
 Acq: 25 Feb 2025 12:03

Tgt Ion:264 Resp: 156390
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.1 17.0 25.4

