

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
 Data File : BF130782.D
 Acq On : 26 Oct 2022 13:12
 Operator : CG\JU
 Sample : PB148536BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148536BL

Quant Time: Oct 27 09:02:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 08:55:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	64384	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	258231	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	141043	20.000	ng	0.00
64) Phenanthrene-d10	11.075	188	257225	20.000	ng	0.00
76) Chrysene-d12	13.710	240	178156	20.000	ng	0.00
86) Perylene-d12	15.098	264	137188	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	476618	127.653	ng	0.00
7) Phenol-d6	6.222	99	583964	129.268	ng	0.00
23) Nitrobenzene-d5	7.134	82	360569	74.071	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	167129	124.601	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	755989	81.683	ng	0.00
79) Terphenyl-d14	12.657	244	918107	86.844	ng	0.00

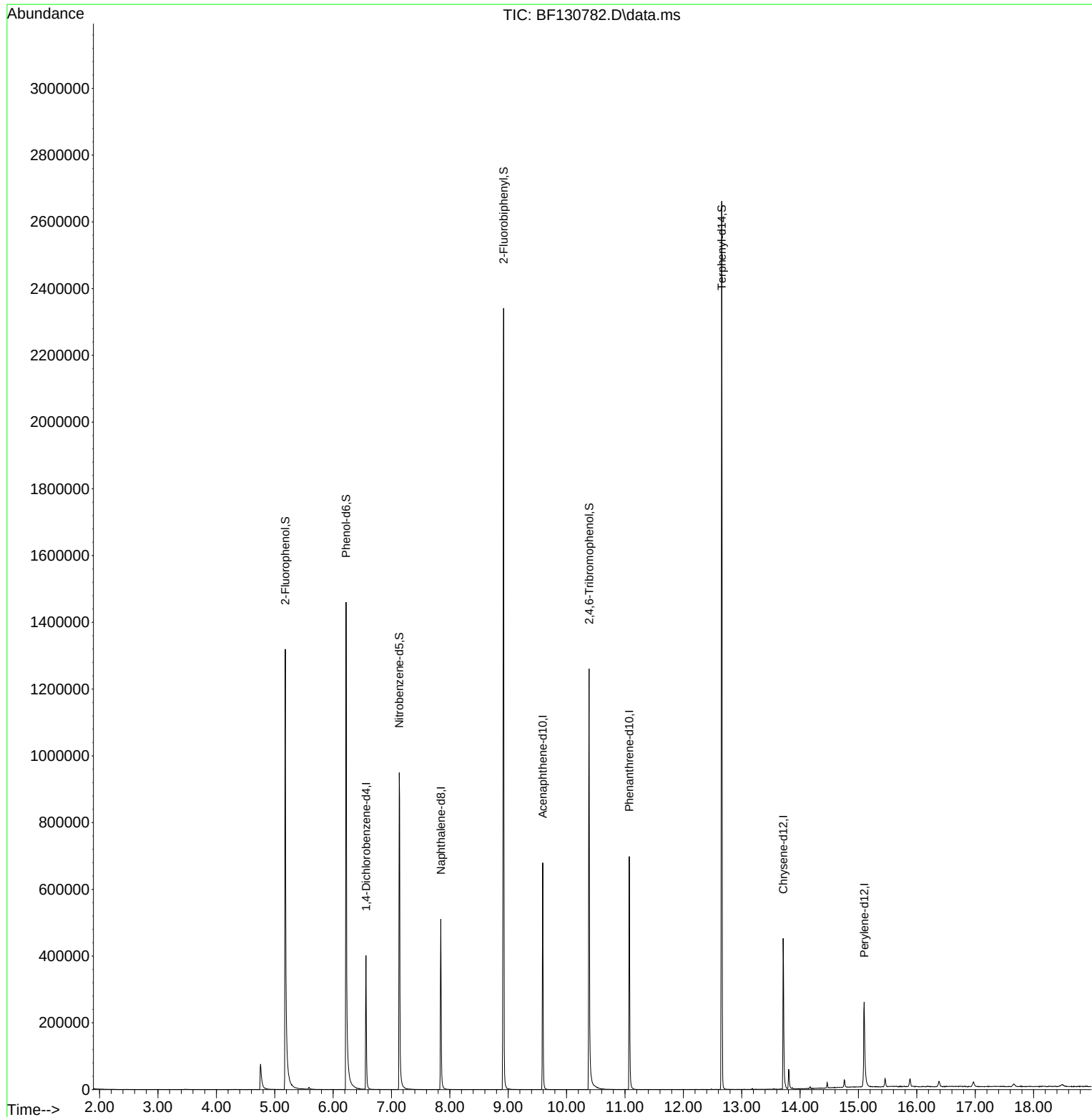
Target Compounds	Qvalue

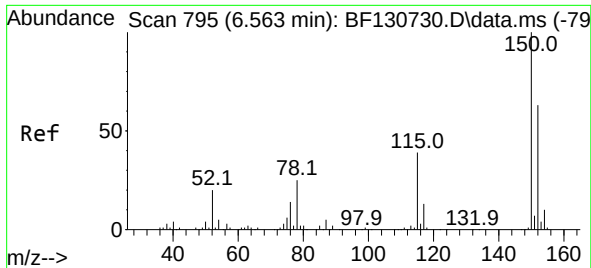
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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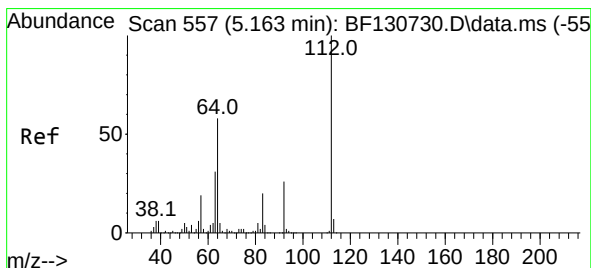
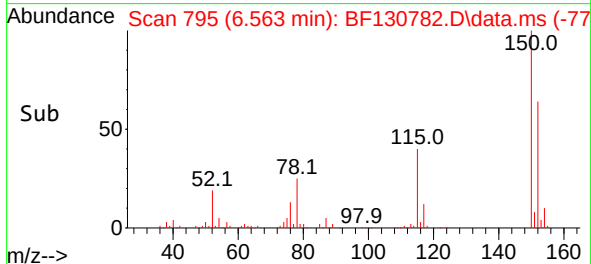
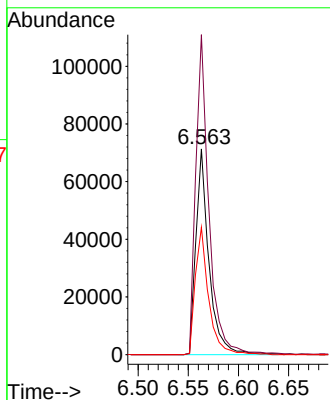
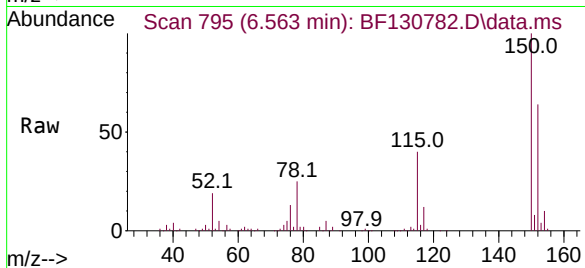




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.563 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF130782.D
 Acq: 26 Oct 2022 13:12

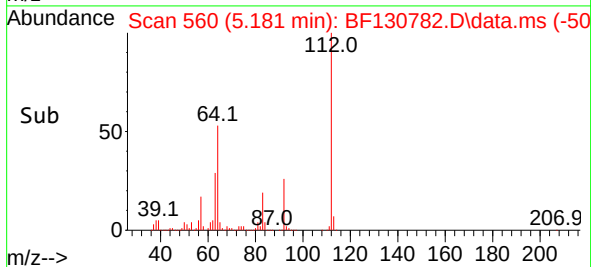
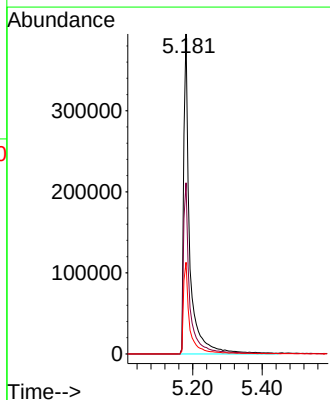
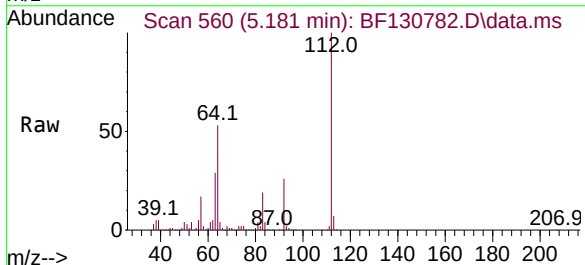
Instrument :
 BNA_F
 ClientSampleId :
 PB148536BL

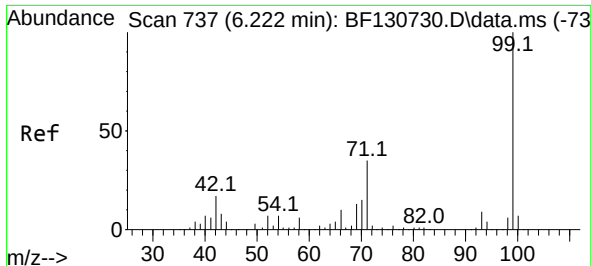
Tgt Ion:152 Resp: 64384
 Ion Ratio Lower Upper
 152 100
 150 155.6 127.0 190.6
 115 61.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 127.653 ng
 RT: 5.181 min Scan# 560
 Delta R.T. 0.006 min
 Lab File: BF130782.D
 Acq: 26 Oct 2022 13:12

Tgt Ion:112 Resp: 476618
 Ion Ratio Lower Upper
 112 100
 64 53.5 46.2 69.4
 63 28.6 25.1 37.7





#7

Phenol-d6

Concen: 129.268 ng

RT: 6.222 min Scan# 737

Delta R.T. -0.006 min

Lab File: BF130782.D

Acq: 26 Oct 2022 13:12

Instrument :

BNA_F

ClientSampleId :

PB148536BL

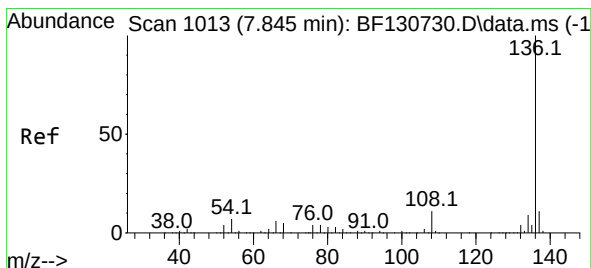
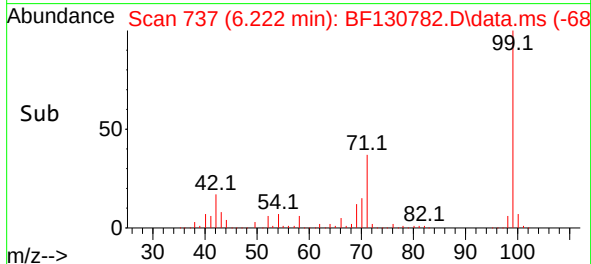
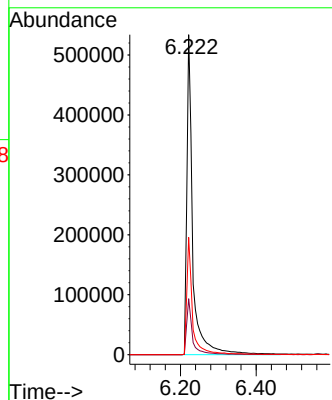
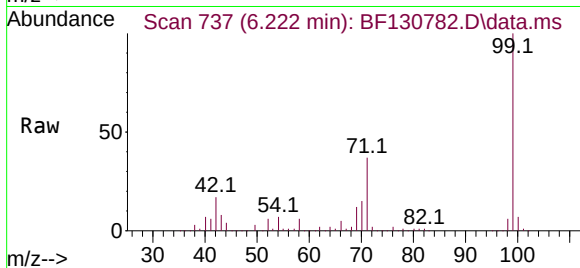
Tgt Ion: 99 Resp: 583964

Ion Ratio Lower Upper

99 100

42 17.5 13.8 20.8

71 36.6 28.3 42.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.845 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF130782.D

Acq: 26 Oct 2022 13:12

Tgt Ion:136 Resp: 258231

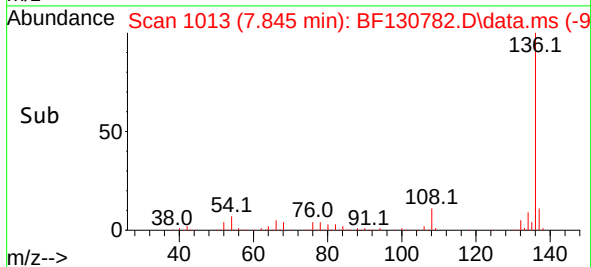
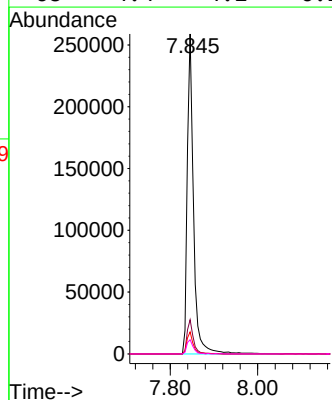
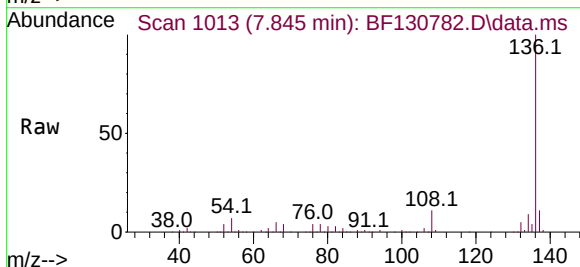
Ion Ratio Lower Upper

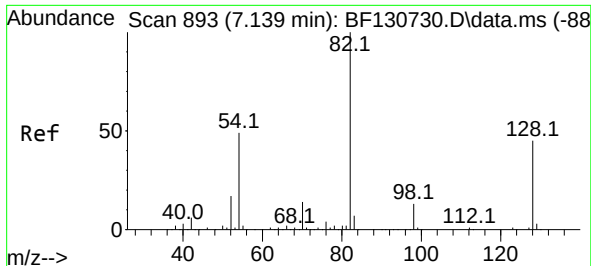
136 100

137 10.7 9.1 13.7

54 6.9 5.8 8.8

68 4.4 4.2 6.2

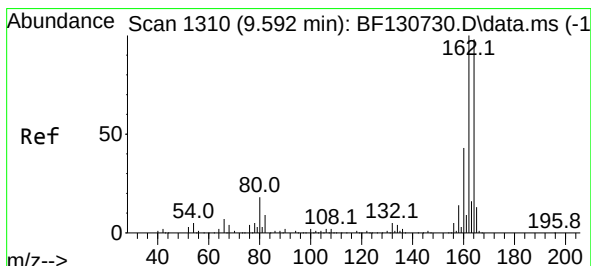
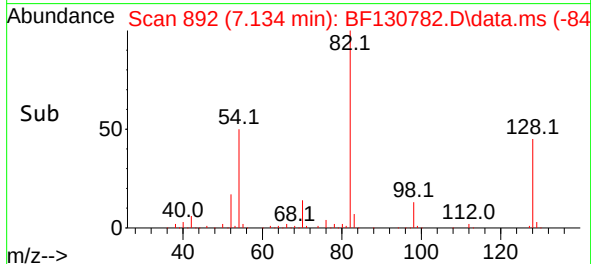
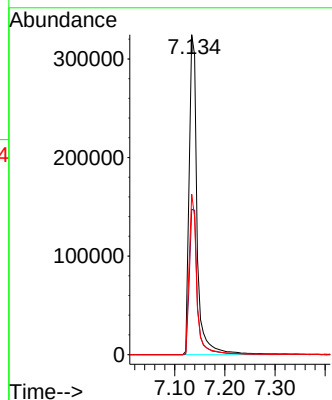
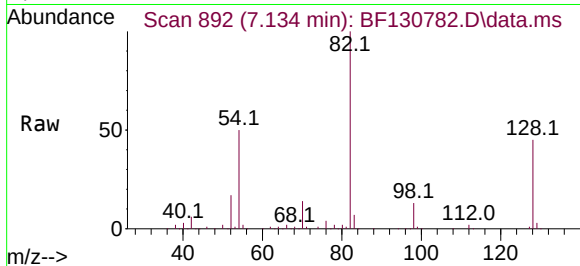




#23
Nitrobenzene-d5
Concen: 74.071 ng
RT: 7.134 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF130782.D
Acq: 26 Oct 2022 13:12

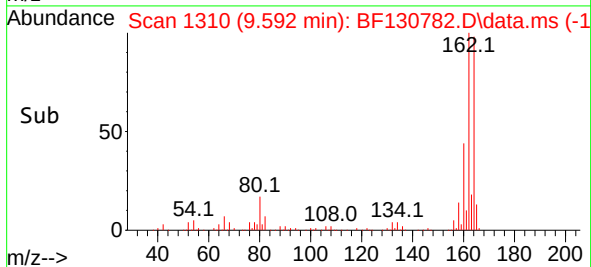
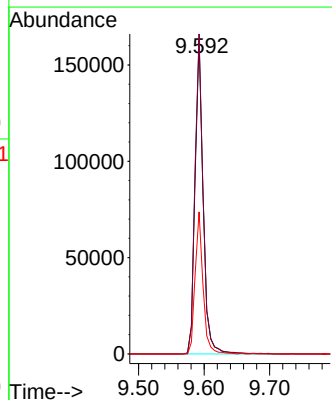
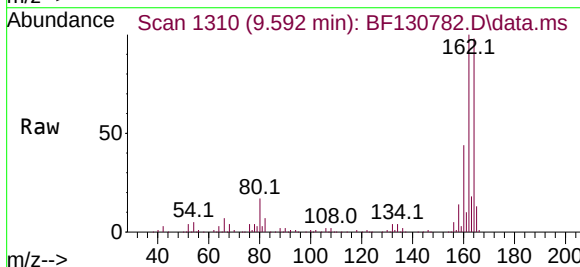
Instrument :
BNA_F
ClientSampleId :
PB148536BL

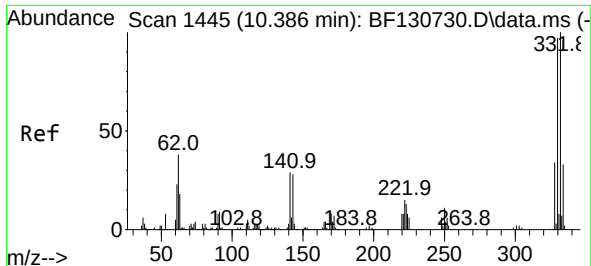
Tgt Ion: 82 Resp: 360569
Ion Ratio Lower Upper
82 100
128 45.4 35.9 53.9
54 50.1 39.2 58.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF130782.D
Acq: 26 Oct 2022 13:12

Tgt Ion:164 Resp: 141043
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 45.1 35.0 52.4

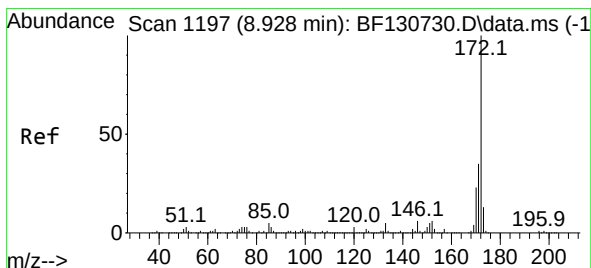
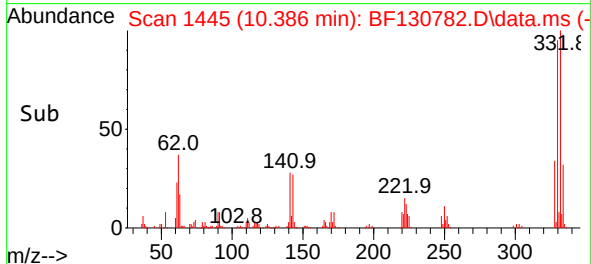
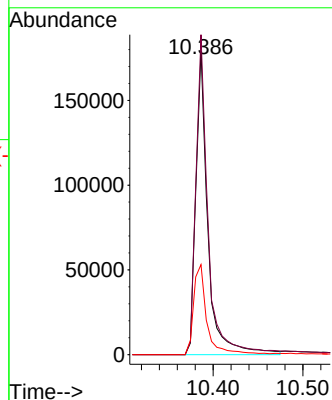
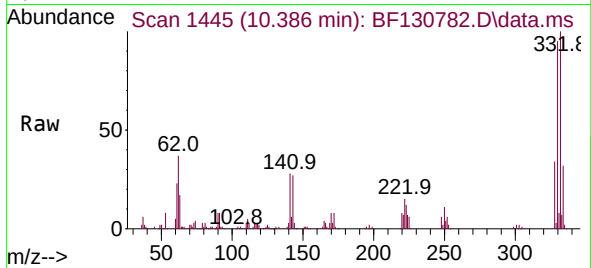




#42
 2,4,6-Tribromophenol
 Concen: 124.601 ng
 RT: 10.386 min Scan# 1445
 Delta R.T. 0.000 min
 Lab File: BF130782.D
 Acq: 26 Oct 2022 13:12

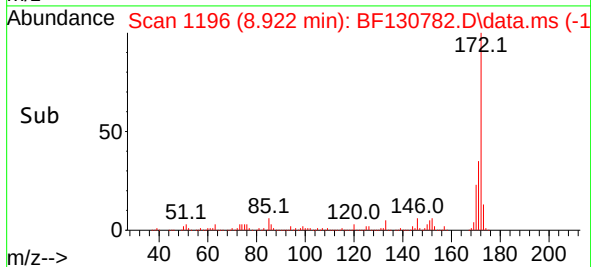
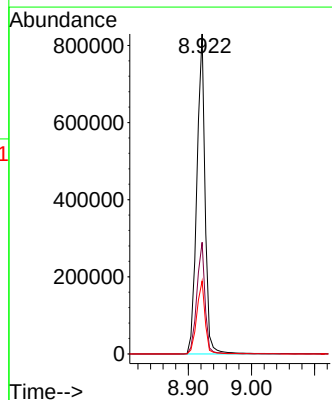
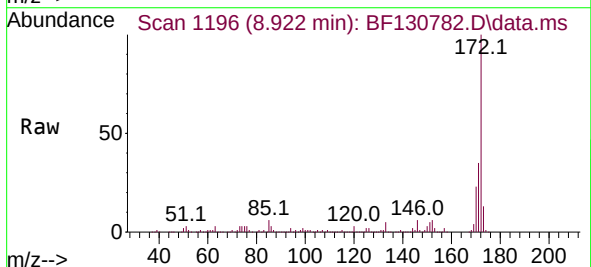
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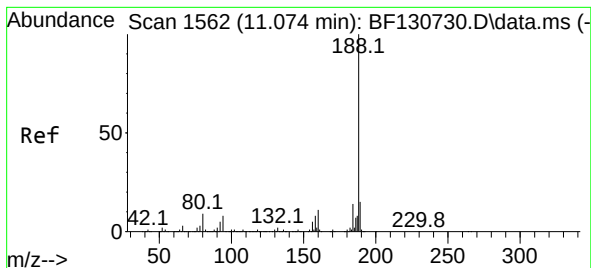
Tgt Ion:330 Resp: 167129
 Ion Ratio Lower Upper
 330 100
 332 111.1 81.4 122.2
 141 32.8 24.6 37.0



#45
 2-Fluorobiphenyl
 Concen: 81.683 ng
 RT: 8.922 min Scan# 1196
 Delta R.T. 0.000 min
 Lab File: BF130782.D
 Acq: 26 Oct 2022 13:12

Tgt Ion:172 Resp: 755989
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.2 42.2
 170 22.8 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130782.D

Acq: 26 Oct 2022 13:12

Instrument :

BNA_F

ClientSampleId :

PB148536BL

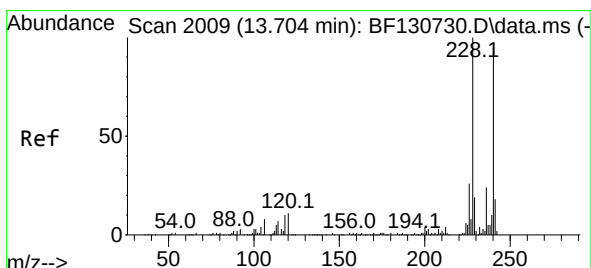
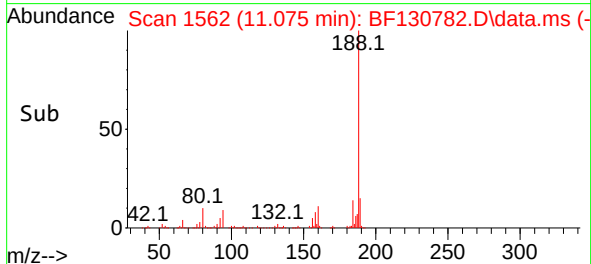
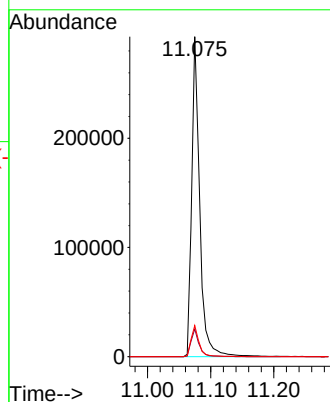
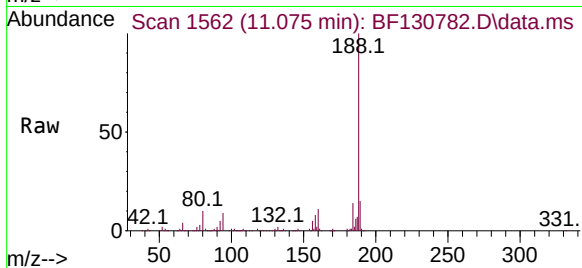
Tgt Ion:188 Resp: 257225

Ion Ratio Lower Upper

188 100

94 8.6 6.7 10.1

80 9.7 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.710 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF130782.D

Acq: 26 Oct 2022 13:12

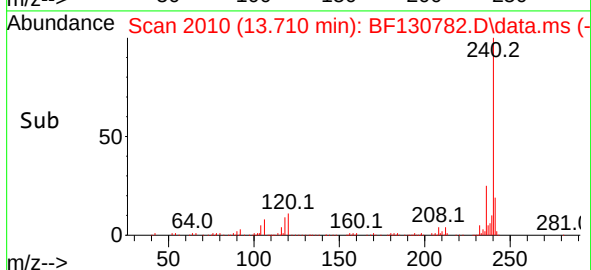
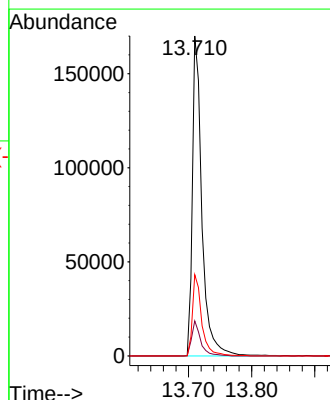
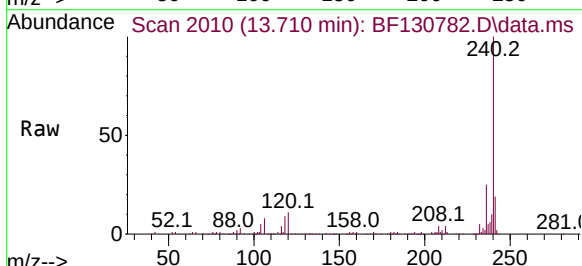
Tgt Ion:240 Resp: 178156

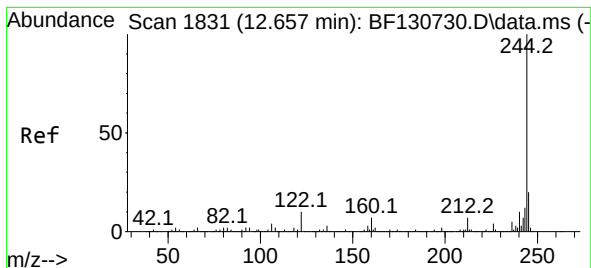
Ion Ratio Lower Upper

240 100

120 10.9 9.6 14.4

236 25.4 20.2 30.2





#79

Terphenyl-d14

Concen: 86.844 ng

RT: 12.657 min Scan# 1831

Delta R.T. 0.000 min

Lab File: BF130782.D

Acq: 26 Oct 2022 13:12

Instrument :

BNA_F

ClientSampleId :

PB148536BL

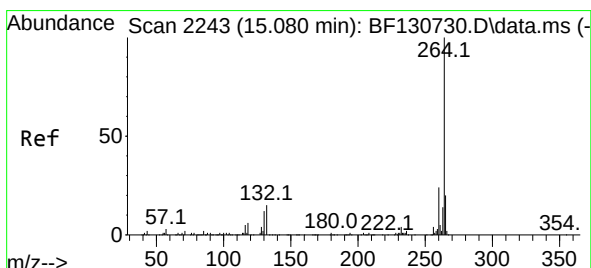
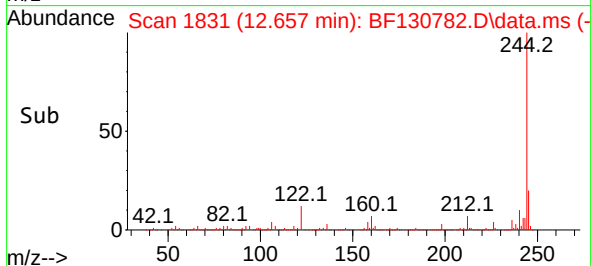
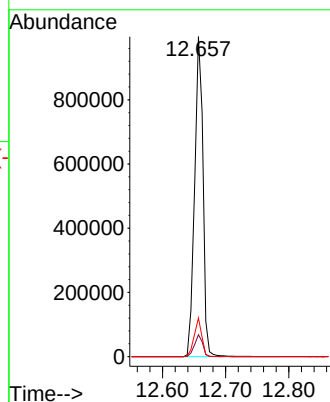
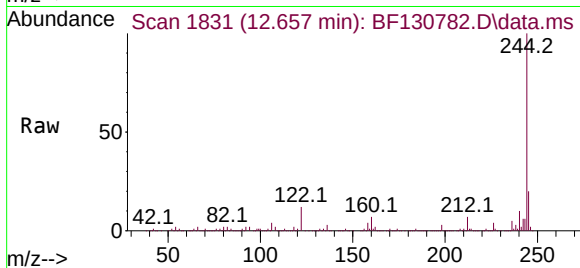
Tgt Ion:244 Resp: 918107

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 12.1 8.2 12.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.098 min Scan# 2246

Delta R.T. 0.000 min

Lab File: BF130782.D

Acq: 26 Oct 2022 13:12

Tgt Ion:264 Resp: 137188

Ion Ratio Lower Upper

264 100

260 23.1 18.8 28.2

265 21.9 16.2 24.4

