

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022223\
 Data File : BF132513.D
 Acq On : 22 Feb 2023 19:12
 Operator : CG\JU
 Sample : PB150932BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150932BL

Quant Time: Feb 23 01:19:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	204340	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	756393	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	414728	20.000	ng	0.00
64) Phenanthrene-d10	11.554	188	803343	20.000	ng	0.00
76) Chrysene-d12	14.207	240	631894	20.000	ng	#-0.01
86) Perylene-d12	15.766	264	573904	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	1445585	114.816	ng	0.01
7) Phenol-d6	6.643	99	1877906	114.285	ng	0.00
23) Nitrobenzene-d5	7.572	82	1284127	80.546	ng	0.00
42) 2,4,6-Tribromophenol	10.854	330	510584	113.998	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	2010970	73.832	ng	0.00
79) Terphenyl-d14	13.148	244	2534760	67.822	ng	0.00

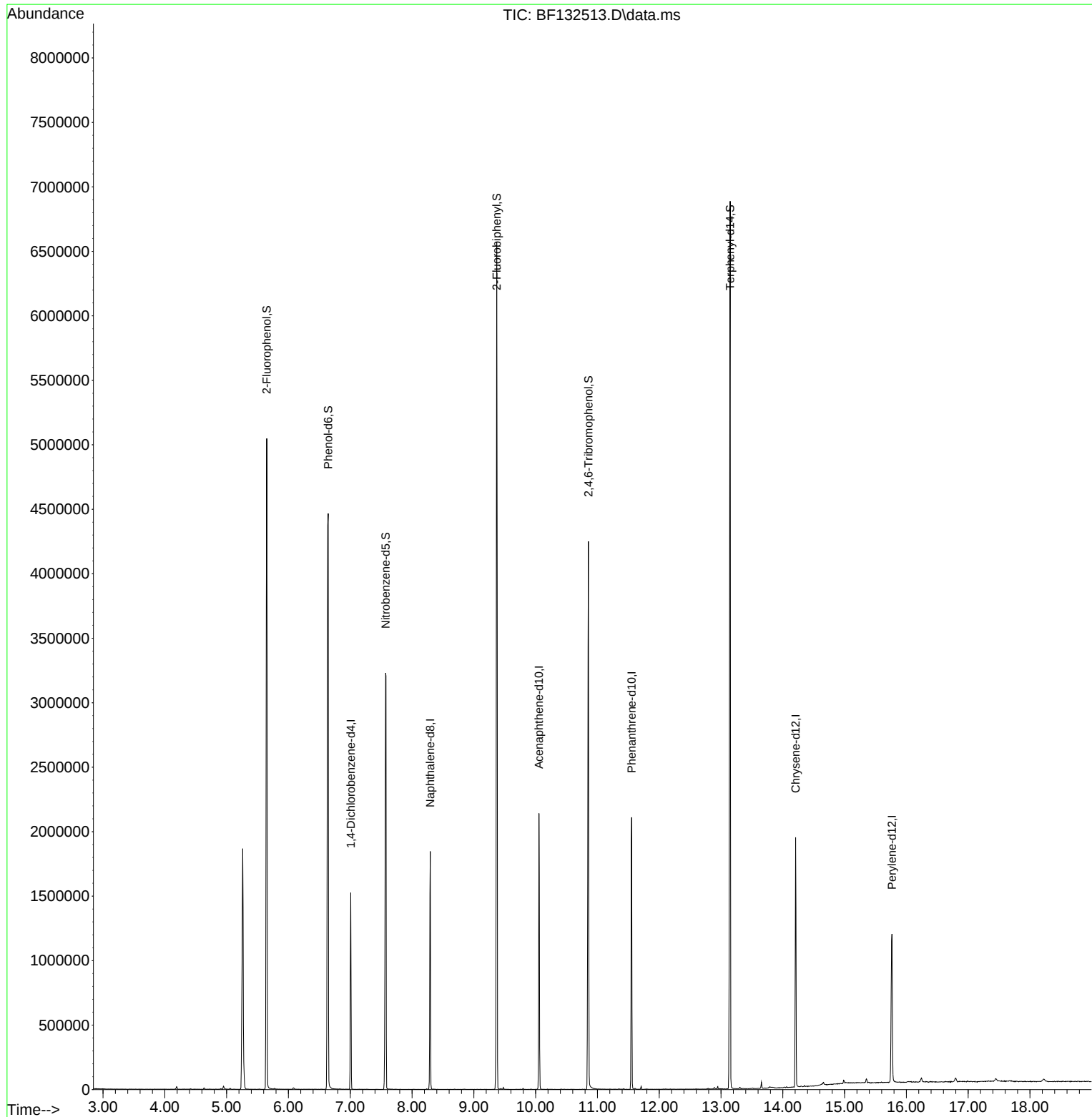
Target Compounds Qvalue

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

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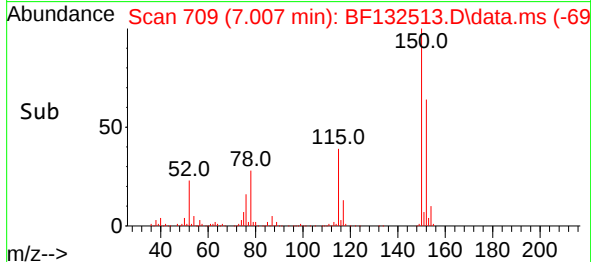
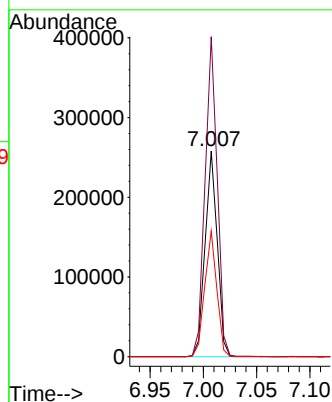
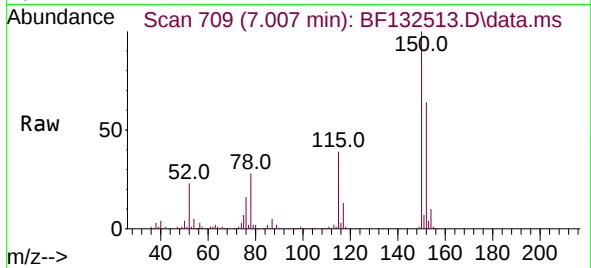




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.007 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132513.D
Acq: 22 Feb 2023 19:12

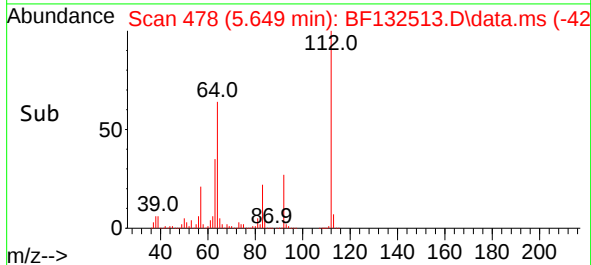
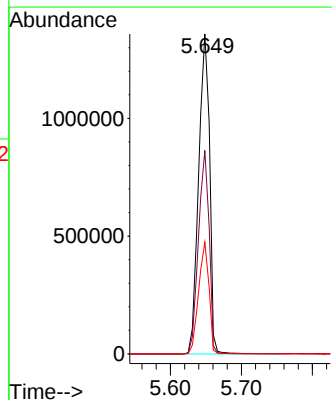
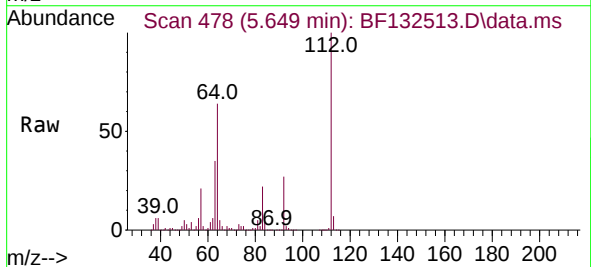
Instrument :
BNA_F
ClientSampleId :
PB150932BL

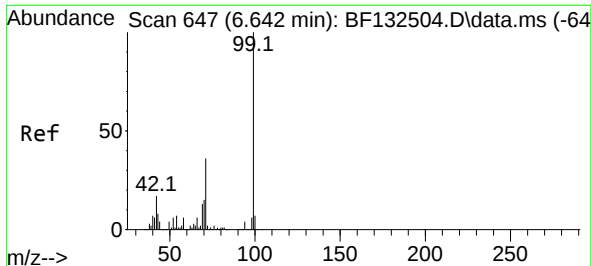
Tgt Ion:152 Resp: 204340
Ion Ratio Lower Upper
152 100
150 155.7 125.4 188.2
115 61.1 47.8 71.6



#5
2-Fluorophenol
Concen: 114.816 ng
RT: 5.649 min Scan# 478
Delta R.T. 0.012 min
Lab File: BF132513.D
Acq: 22 Feb 2023 19:12

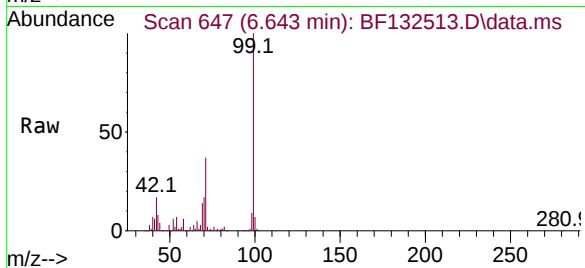
Tgt Ion:112 Resp: 1445585
Ion Ratio Lower Upper
112 100
64 63.6 51.6 77.4
63 34.9 27.4 41.2





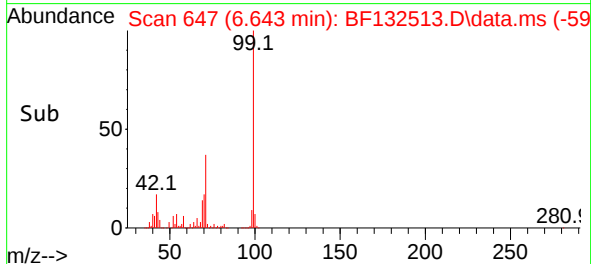
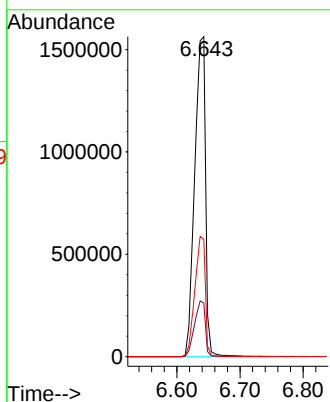
#7
Phenol-d6
Concen: 114.285 ng
RT: 6.643 min Scan# 647
Delta R.T. 0.000 min
Lab File: BF132513.D
Acq: 22 Feb 2023 19:12

Instrument :
BNA_F
ClientSampleId :
PB150932BL



Tgt Ion: 99 Resp: 1877906

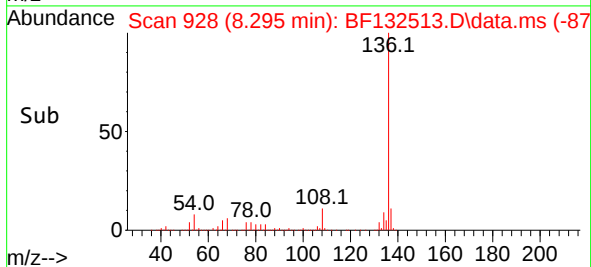
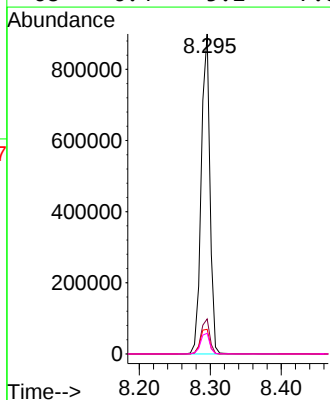
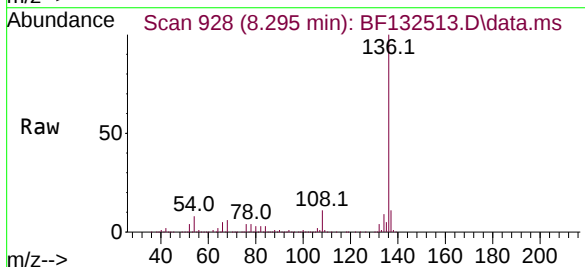
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.9	20.9
71	36.7	28.5	42.7

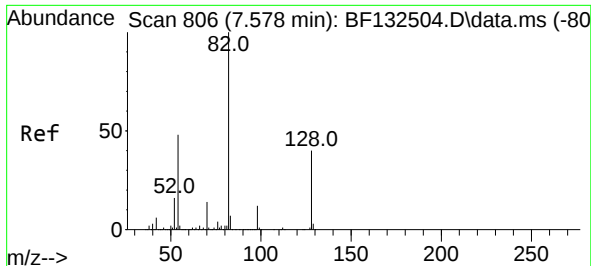


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.295 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF132513.D
Acq: 22 Feb 2023 19:12

Tgt Ion: 136 Resp: 756393

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.7	6.2	9.4
68	6.4	5.2	7.8

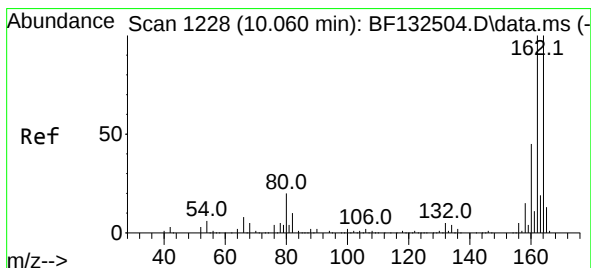
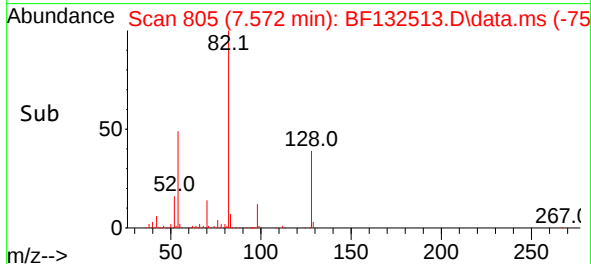
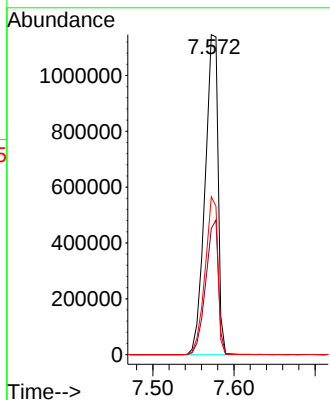
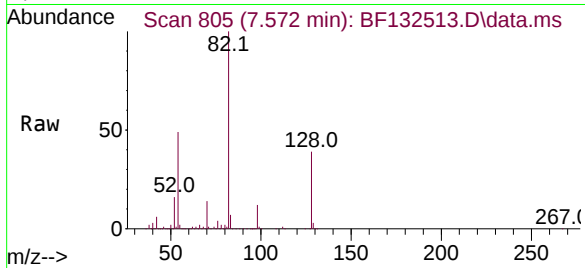




#23
Nitrobenzene-d5
Concen: 80.546 ng
RT: 7.572 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF132513.D
Acq: 22 Feb 2023 19:12

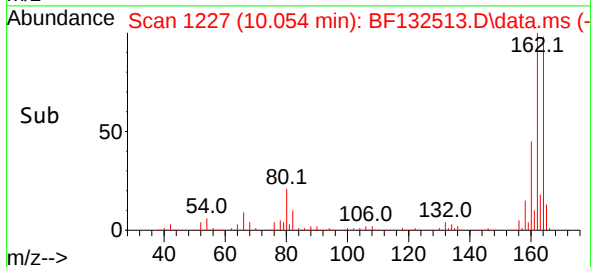
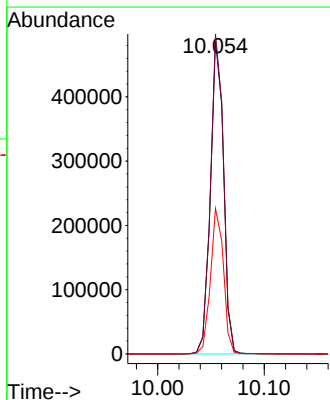
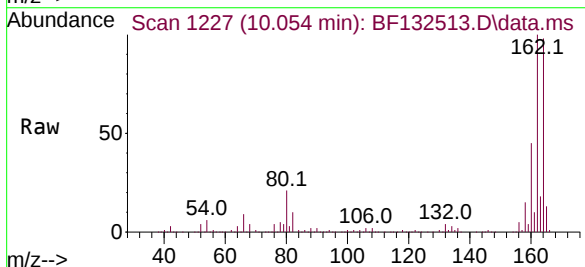
Instrument :
BNA_F
ClientSampleId :
PB150932BL

Tgt Ion: 82 Resp: 1284127
Ion Ratio Lower Upper
82 100
128 39.4 32.2 48.2
54 49.3 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.054 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF132513.D
Acq: 22 Feb 2023 19:12

Tgt Ion: 164 Resp: 414728
Ion Ratio Lower Upper
164 100
162 102.0 79.8 119.8
160 46.3 35.8 53.6

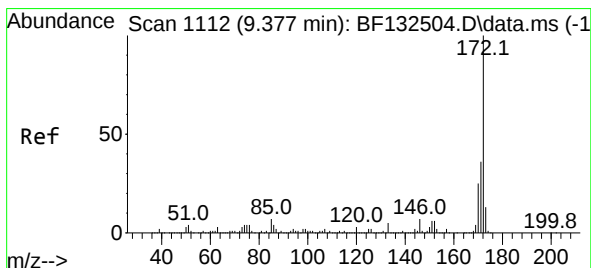
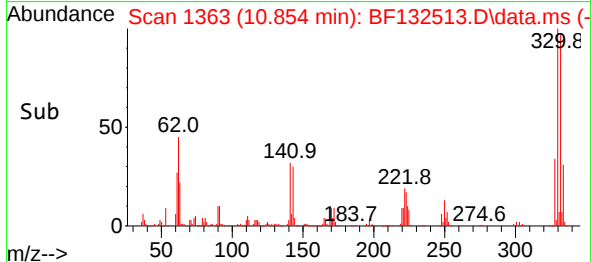
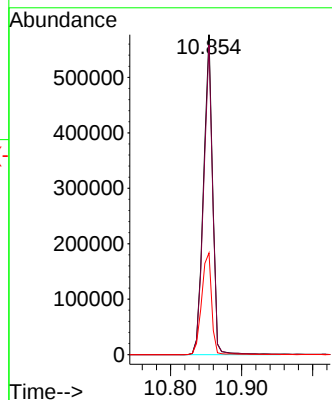
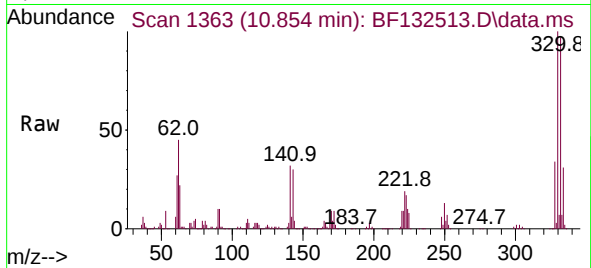




#42
2,4,6-Tribromophenol
Concen: 113.998 ng
RT: 10.854 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BF132513.D
Acq: 22 Feb 2023 19:12

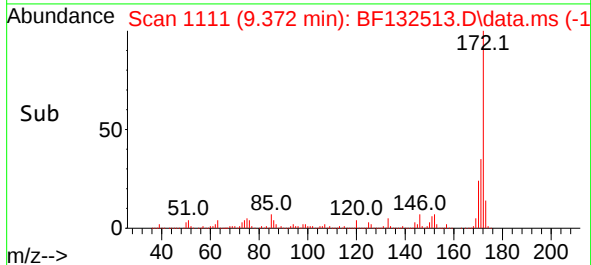
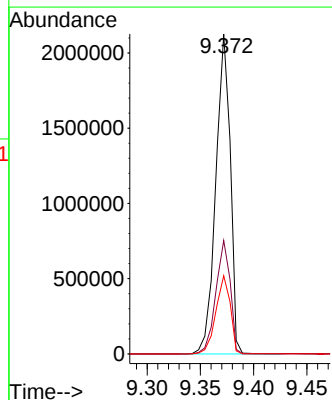
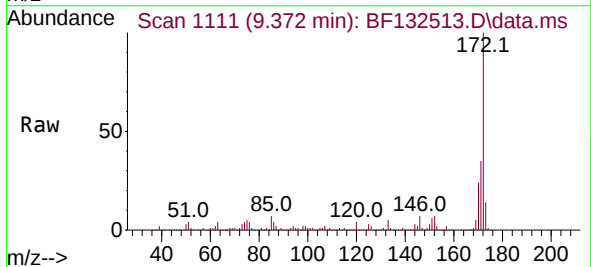
Instrument :
BNA_F
ClientSampleId :
PB150932BL

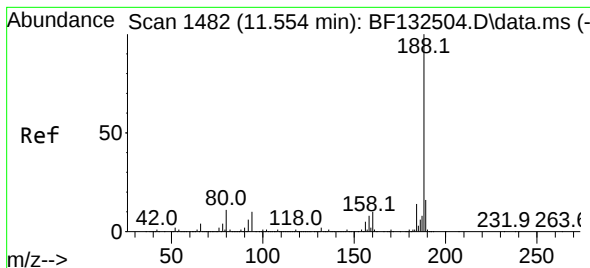
Tgt Ion:330 Resp: 510584
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 35.2 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 73.832 ng
RT: 9.372 min Scan# 1111
Delta R.T. -0.005 min
Lab File: BF132513.D
Acq: 22 Feb 2023 19:12

Tgt Ion:172 Resp: 2010970
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.4 19.7 29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.554 min Scan# 1482

Delta R.T. 0.000 min

Lab File: BF132513.D

Acq: 22 Feb 2023 19:12

Instrument :

BNA_F

ClientSampleId :

PB150932BL

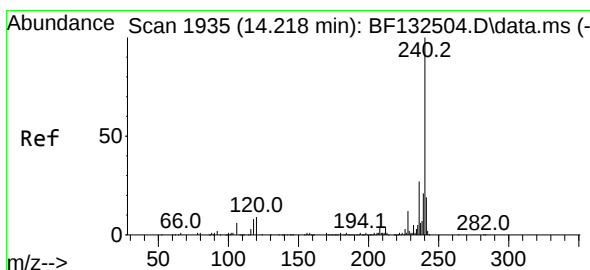
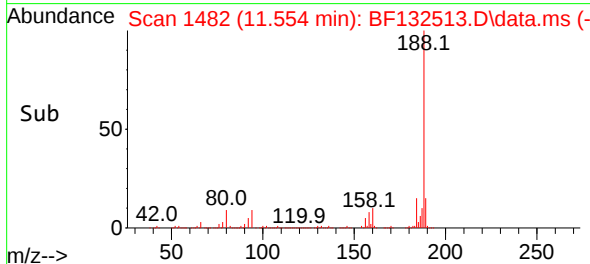
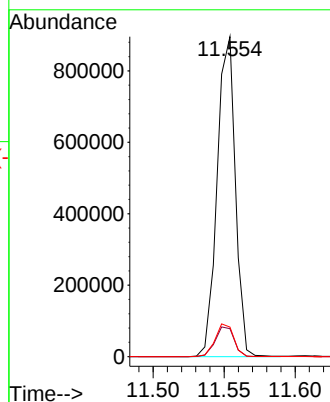
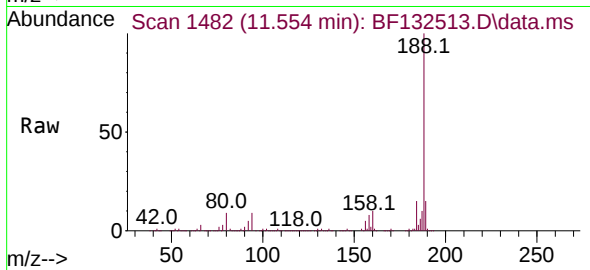
Tgt Ion:188 Resp: 803343

Ion Ratio Lower Upper

188 100

94 8.7 8.3 12.5

80 9.2 8.7 13.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.207 min Scan# 1933

Delta R.T. -0.011 min

Lab File: BF132513.D

Acq: 22 Feb 2023 19:12

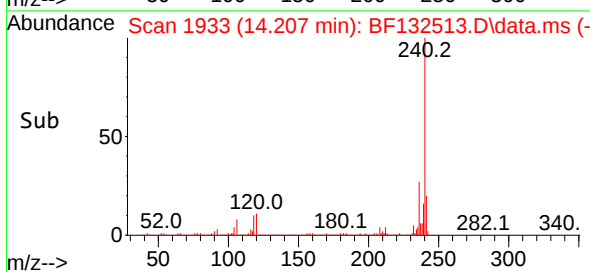
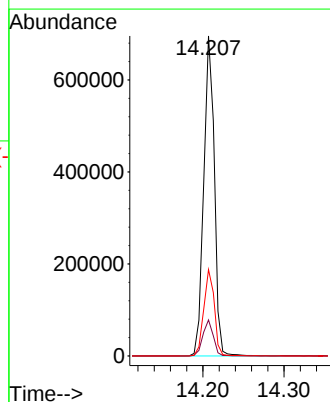
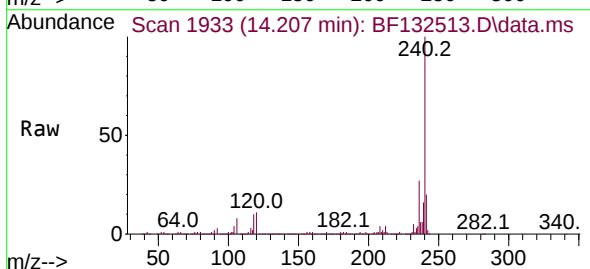
Tgt Ion:240 Resp: 631894

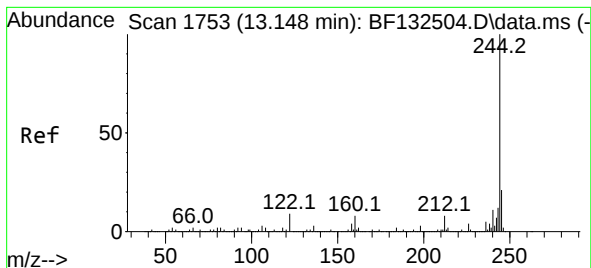
Ion Ratio Lower Upper

240 100

120 11.2 7.2 10.8#

236 27.0 21.8 32.6





#79

Terphenyl-d14

Concen: 67.822 ng

RT: 13.148 min Scan# 1753

Delta R.T. 0.000 min

Lab File: BF132513.D

Acq: 22 Feb 2023 19:12

Instrument :

BNA_F

ClientSampleId :

PB150932BL

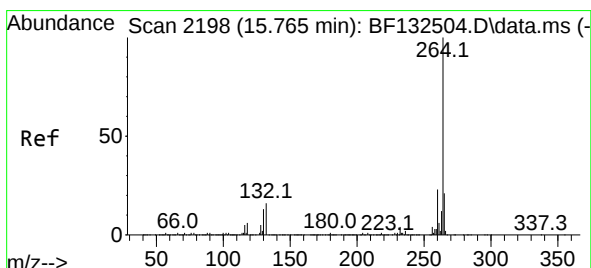
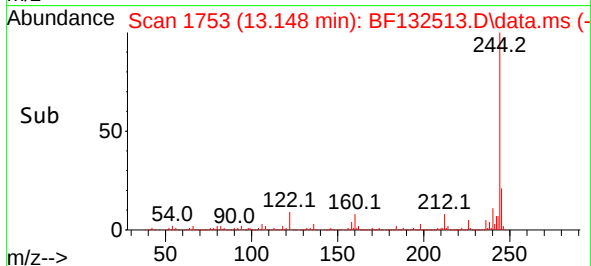
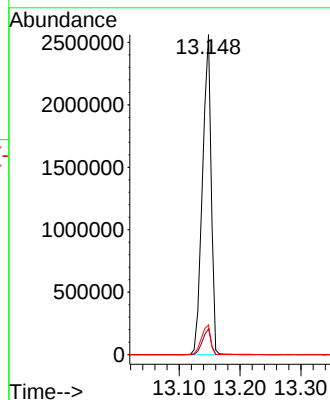
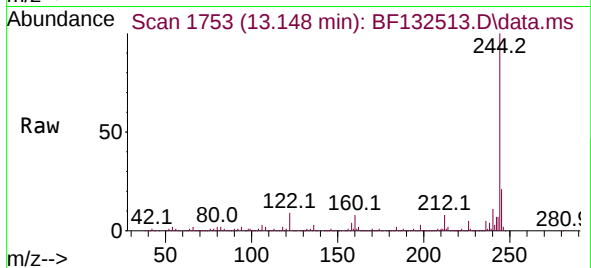
Tgt Ion:244 Resp: 2534760

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 9.3 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.766 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF132513.D

Acq: 22 Feb 2023 19:12

Tgt Ion:264 Resp: 573904

Ion Ratio Lower Upper

264 100

260 25.1 18.8 28.2

265 21.5 17.1 25.7

