

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
 Data File : BF132517.D
 Acq On : 23 Feb 2023 13:16
 Operator : CG\JU
 Sample : PB150998TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150998TB

Quant Time: Feb 24 00:35:45 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	197591	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	740496	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	404758	20.000	ng	0.00
64) Phenanthrene-d10	11.554	188	786489	20.000	ng	# 0.00
76) Chrysene-d12	14.207	240	605521	20.000	ng	#-0.01
86) Perylene-d12	15.759	264	524731	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	1442919	118.518	ng	0.01
7) Phenol-d6	6.637	99	1896337	119.349	ng	0.00
23) Nitrobenzene-d5	7.572	82	1280193	82.023	ng	0.00
42) 2,4,6-Tribromophenol	10.854	330	517744	118.444	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	2009818	75.607	ng	0.00
79) Terphenyl-d14	13.148	244	2544840	71.057	ng	0.00

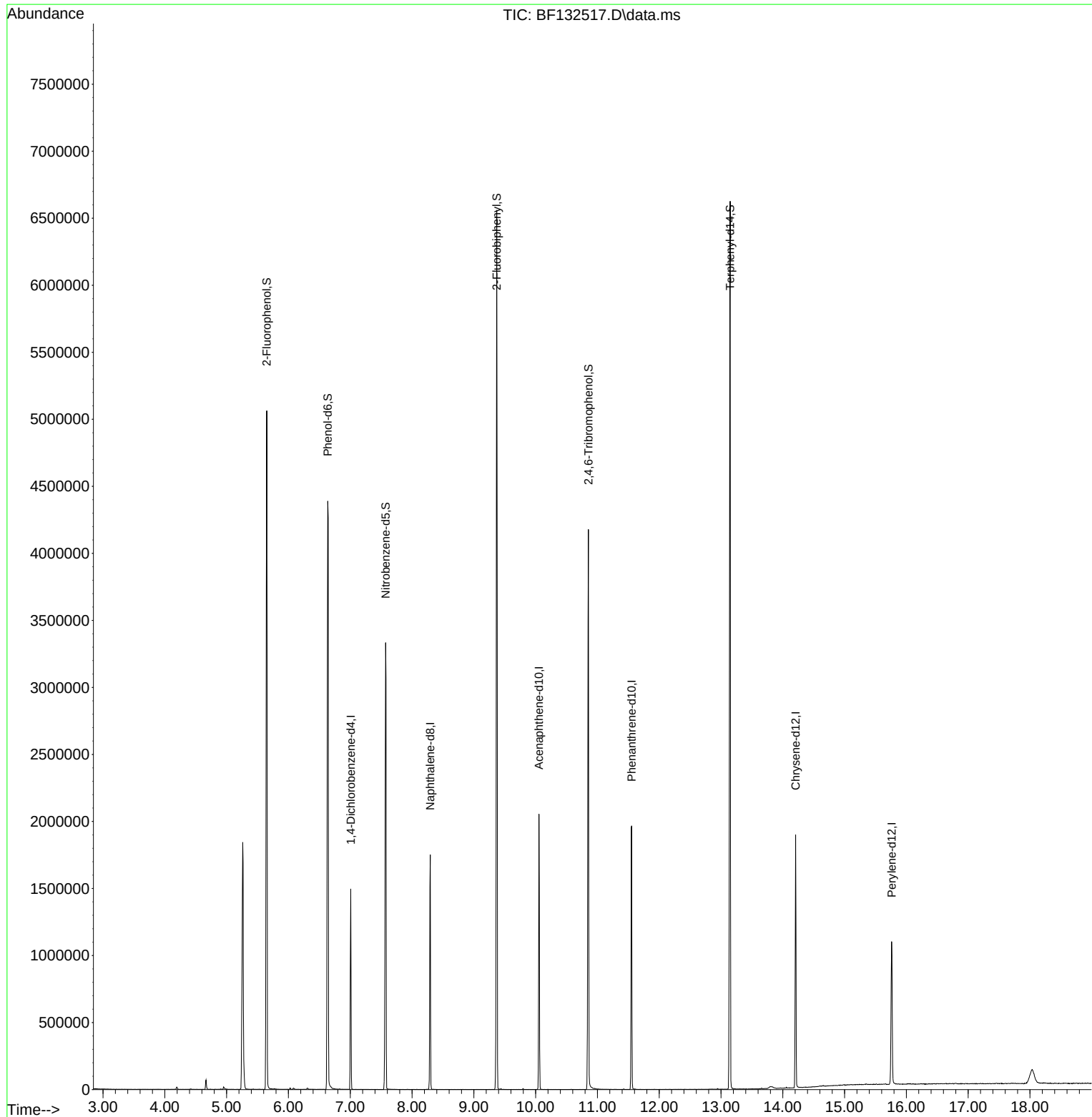
Target Compounds	Qvalue

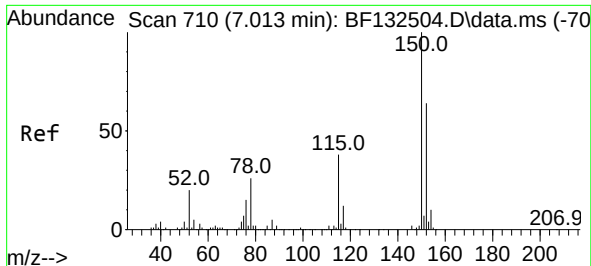
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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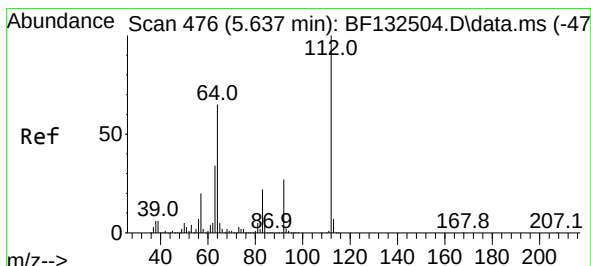
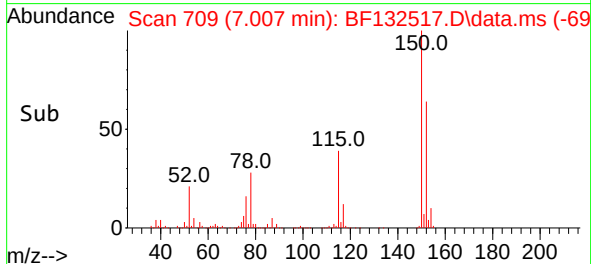
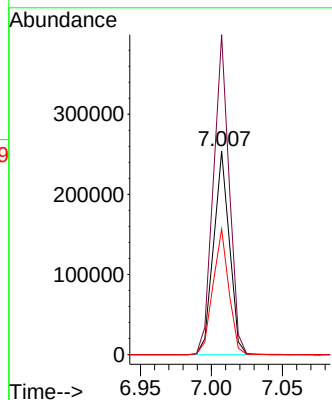
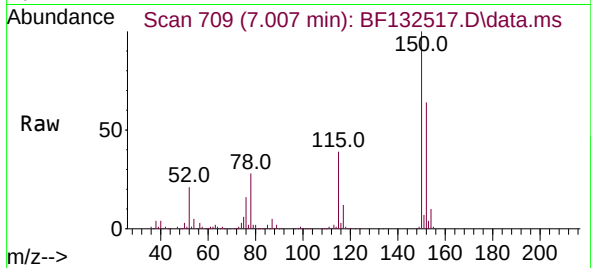




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.007 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

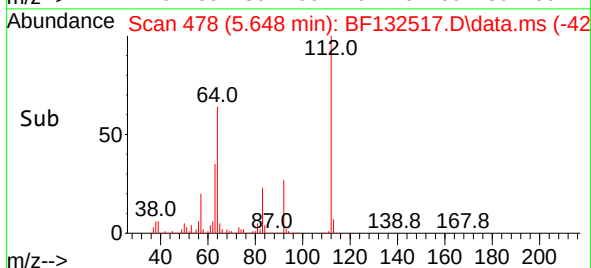
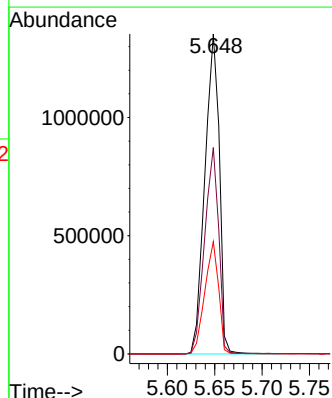
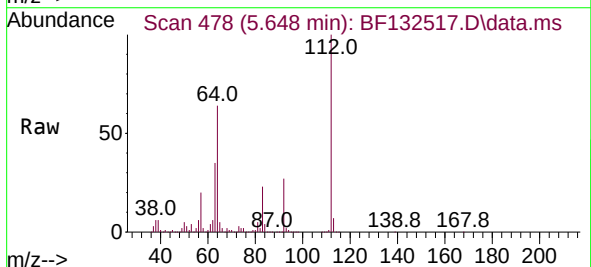
Instrument :
BNA_F
ClientSampleId :
PB150998TB

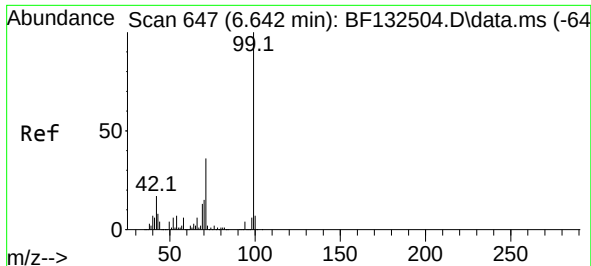
Tgt Ion:152 Resp: 197591
Ion Ratio Lower Upper
152 100
150 157.2 125.4 188.2
115 61.7 47.8 71.6



#5
2-Fluorophenol
Concen: 118.518 ng
RT: 5.648 min Scan# 478
Delta R.T. 0.012 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

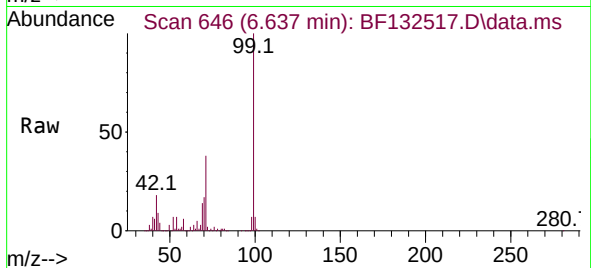
Tgt Ion:112 Resp: 1442919
Ion Ratio Lower Upper
112 100
64 64.5 51.6 77.4
63 35.1 27.4 41.2





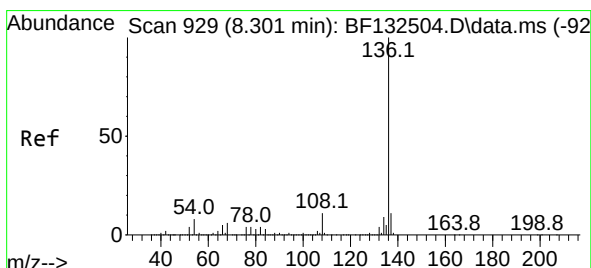
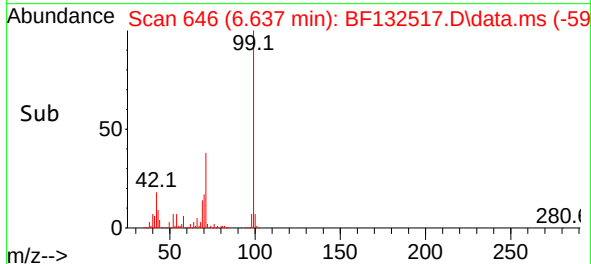
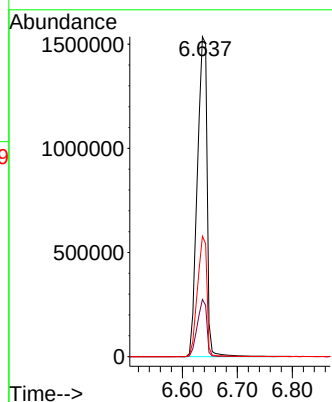
#7
Phenol-d6
Concen: 119.349 ng
RT: 6.637 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

Instrument :
BNA_F
ClientSampleId :
PB150998TB



Tgt Ion: 99 Resp: 1896337

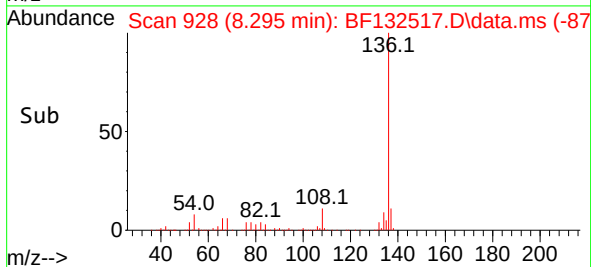
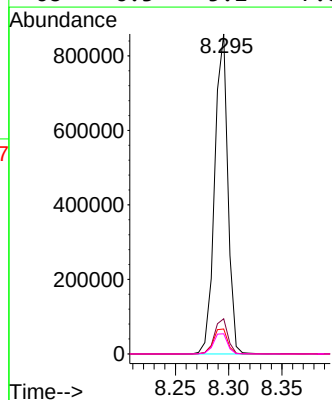
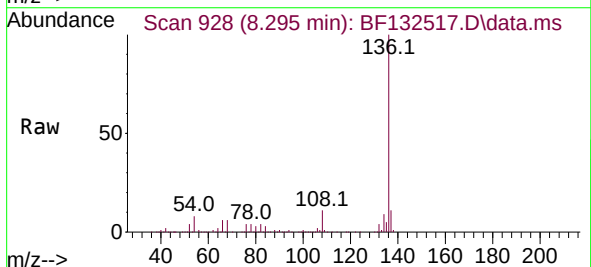
Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.9	20.9
71	37.6	28.5	42.7

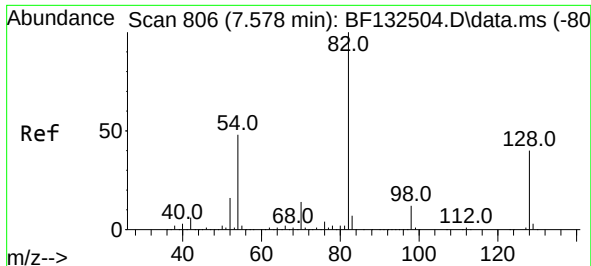


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.295 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

Tgt Ion: 136 Resp: 740496

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.8	6.2	9.4
68	6.3	5.2	7.8

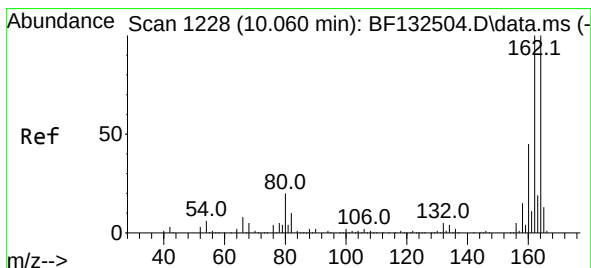
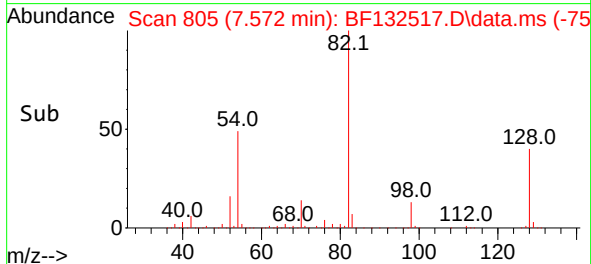
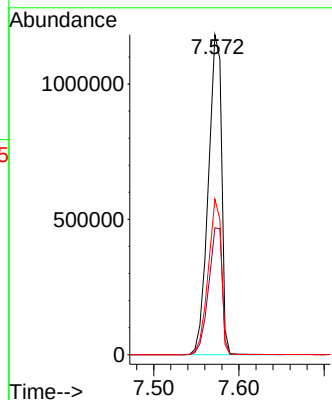
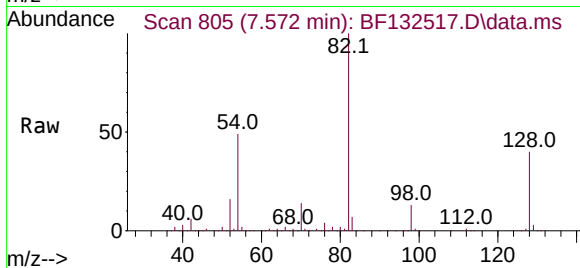




#23
Nitrobenzene-d5
Concen: 82.023 ng
RT: 7.572 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

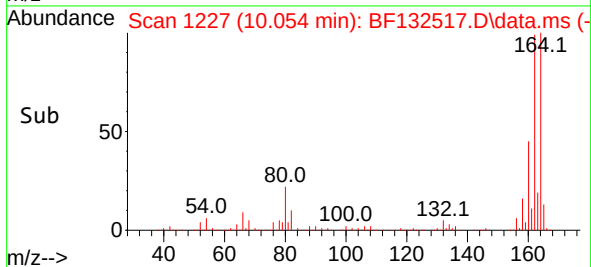
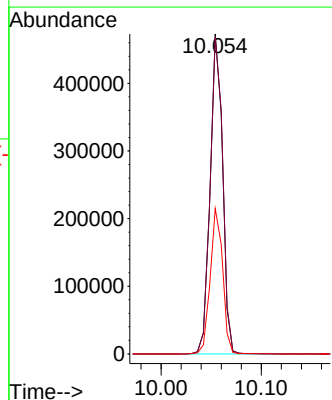
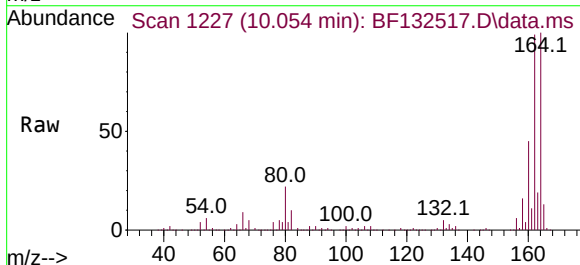
Instrument :
BNA_F
ClientSampleId :
PB150998TB

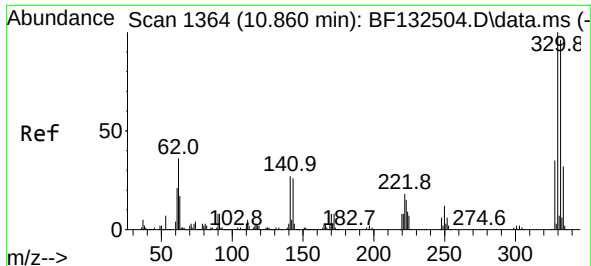
Tgt Ion: 82 Resp: 1280193
Ion Ratio Lower Upper
82 100
128 39.6 32.2 48.2
54 48.6 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.054 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

Tgt Ion:164 Resp: 404758
Ion Ratio Lower Upper
164 100
162 99.1 79.8 119.8
160 45.4 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 118.444 ng

RT: 10.854 min Scan# 1111

Delta R.T. -0.006 min

Lab File: BF132517.D

Acq: 23 Feb 2023 13:16

Instrument :

BNA_F

ClientSampleId :

PB150998TB

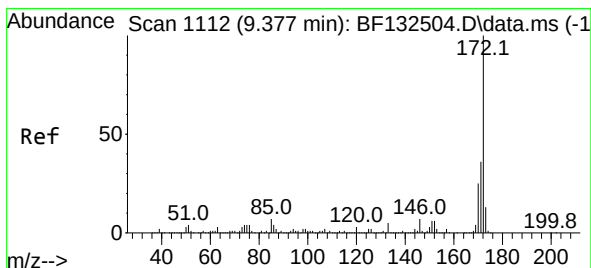
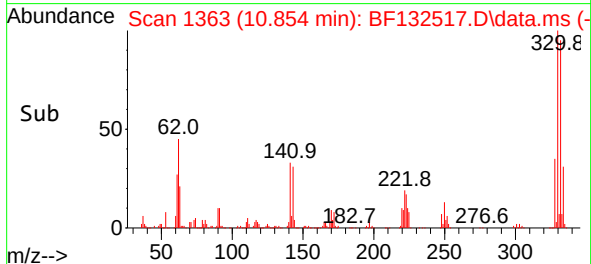
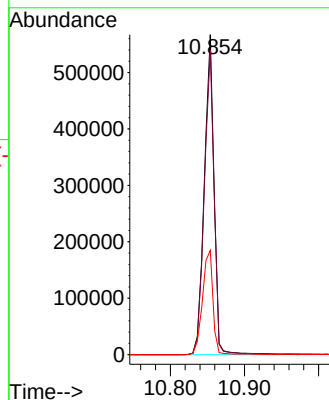
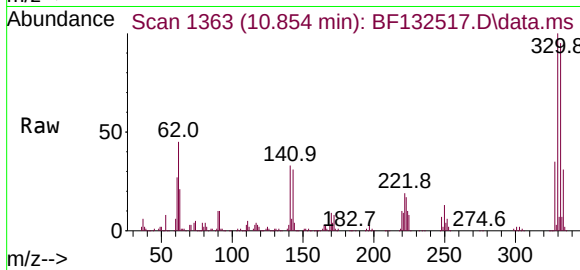
Tgt Ion:330 Resp: 517744

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

141 35.3 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 75.607 ng

RT: 9.372 min Scan# 1111

Delta R.T. -0.005 min

Lab File: BF132517.D

Acq: 23 Feb 2023 13:16

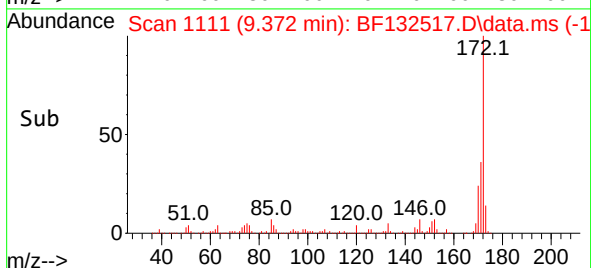
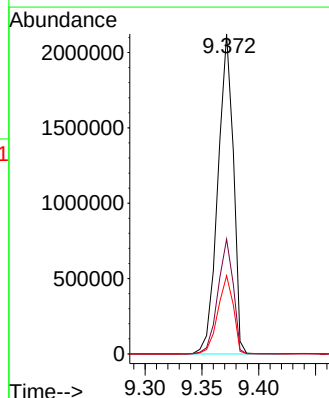
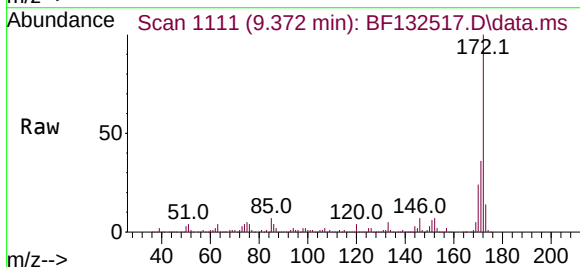
Tgt Ion:172 Resp: 2009818

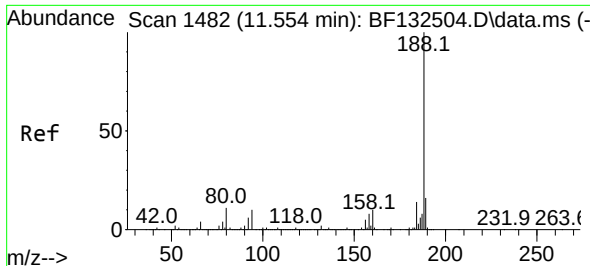
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.4 19.7 29.5

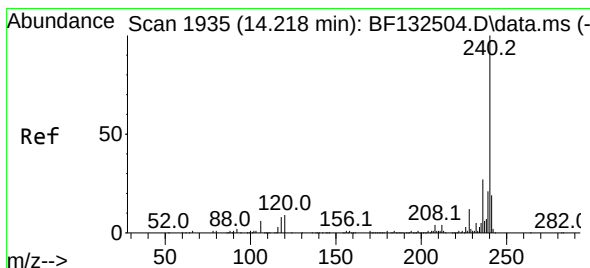
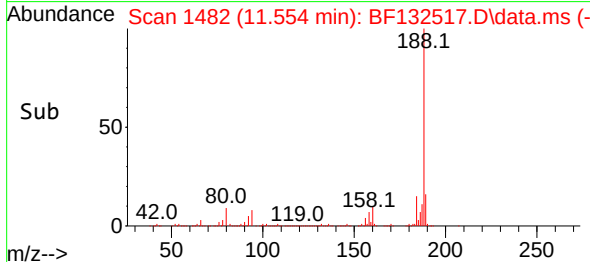
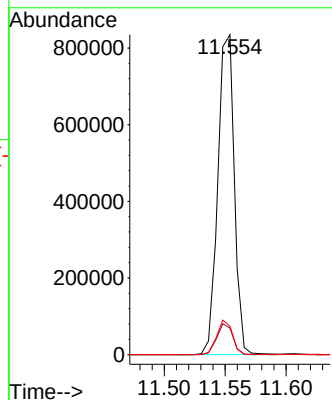
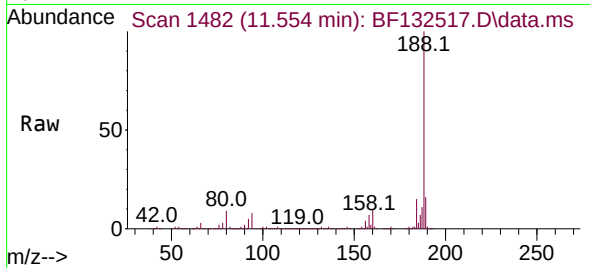




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.554 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

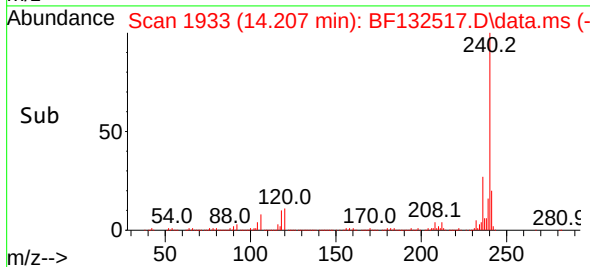
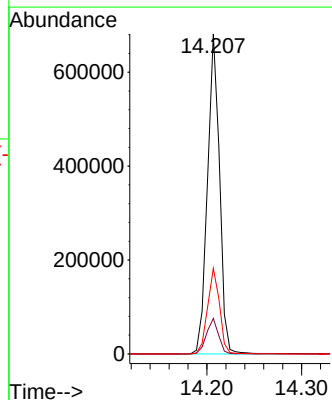
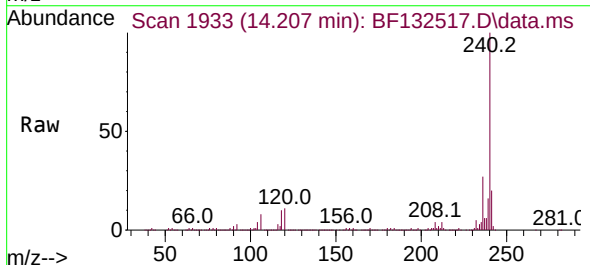
Instrument :
BNA_F
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PB150998TB

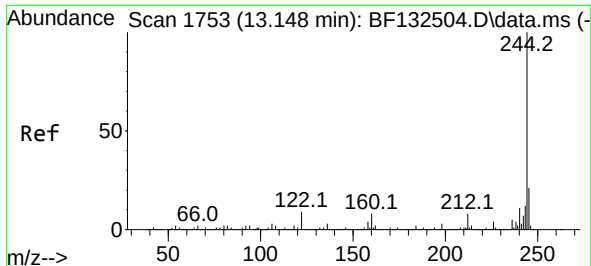
Tgt Ion:188 Resp: 786489
Ion Ratio Lower Upper
188 100
94 8.3 8.3 12.5#
80 8.9 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.207 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BF132517.D
Acq: 23 Feb 2023 13:16

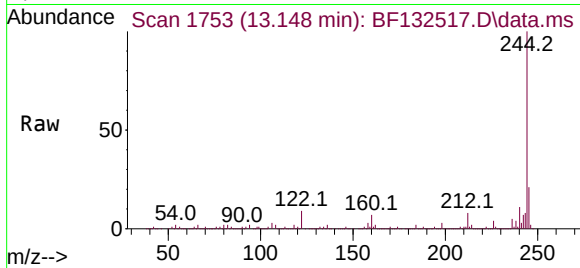
Tgt Ion:240 Resp: 605521
Ion Ratio Lower Upper
240 100
120 11.1 7.2 10.8#
236 26.7 21.8 32.6



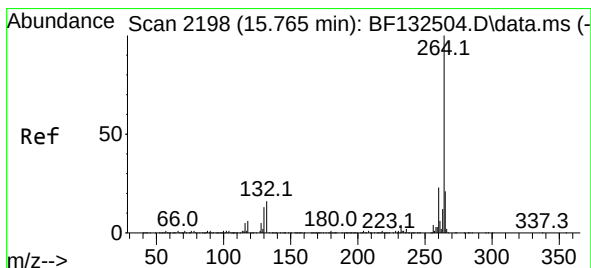
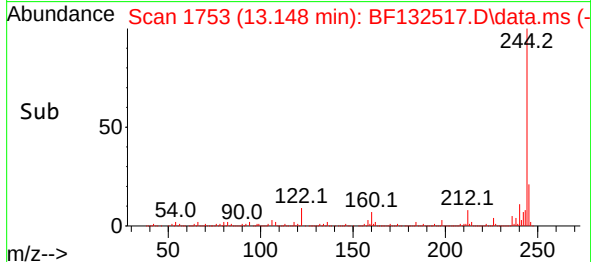
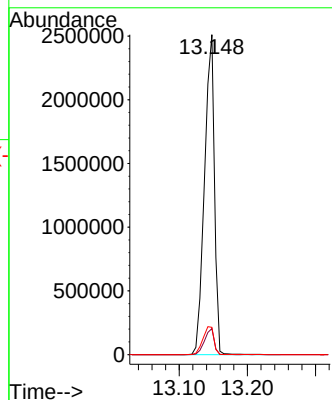


#79
 Terphenyl-d14
 Concen: 71.057 ng
 RT: 13.148 min Scan# 1753
 Delta R.T. 0.000 min
 Lab File: BF132517.D
 Acq: 23 Feb 2023 13:16

Instrument :
 BNA_F
 ClientSampleId :
 PB150998TB



Tgt Ion:244 Resp: 2544840
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 8.6 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.759 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF132517.D
 Acq: 23 Feb 2023 13:16

Tgt Ion:264 Resp: 524731
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 22.2 17.1 25.7

