

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132252.D
 Acq On : 01 Feb 2023 10:40
 Operator : CG\JU
 Sample : PB150575BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150575BL

Quant Time: Feb 02 00:51:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 05:24:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	181996	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	703344	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	360457	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	663204	20.000	ng	0.00
76) Chrysene-d12	14.277	240	466139	20.000	ng	#-0.01
86) Perylene-d12	15.866	264	421826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	1382553	122.108	ng	0.01
7) Phenol-d6	6.684	99	1706219	122.231	ng	0.00
23) Nitrobenzene-d5	7.631	82	1063025	84.105	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	470915	127.041	ng	0.00
45) 2-Fluorobiphenyl	9.437	172	1778065	76.175	ng	0.00
79) Terphenyl-d14	13.213	244	2041298	84.711	ng	0.00

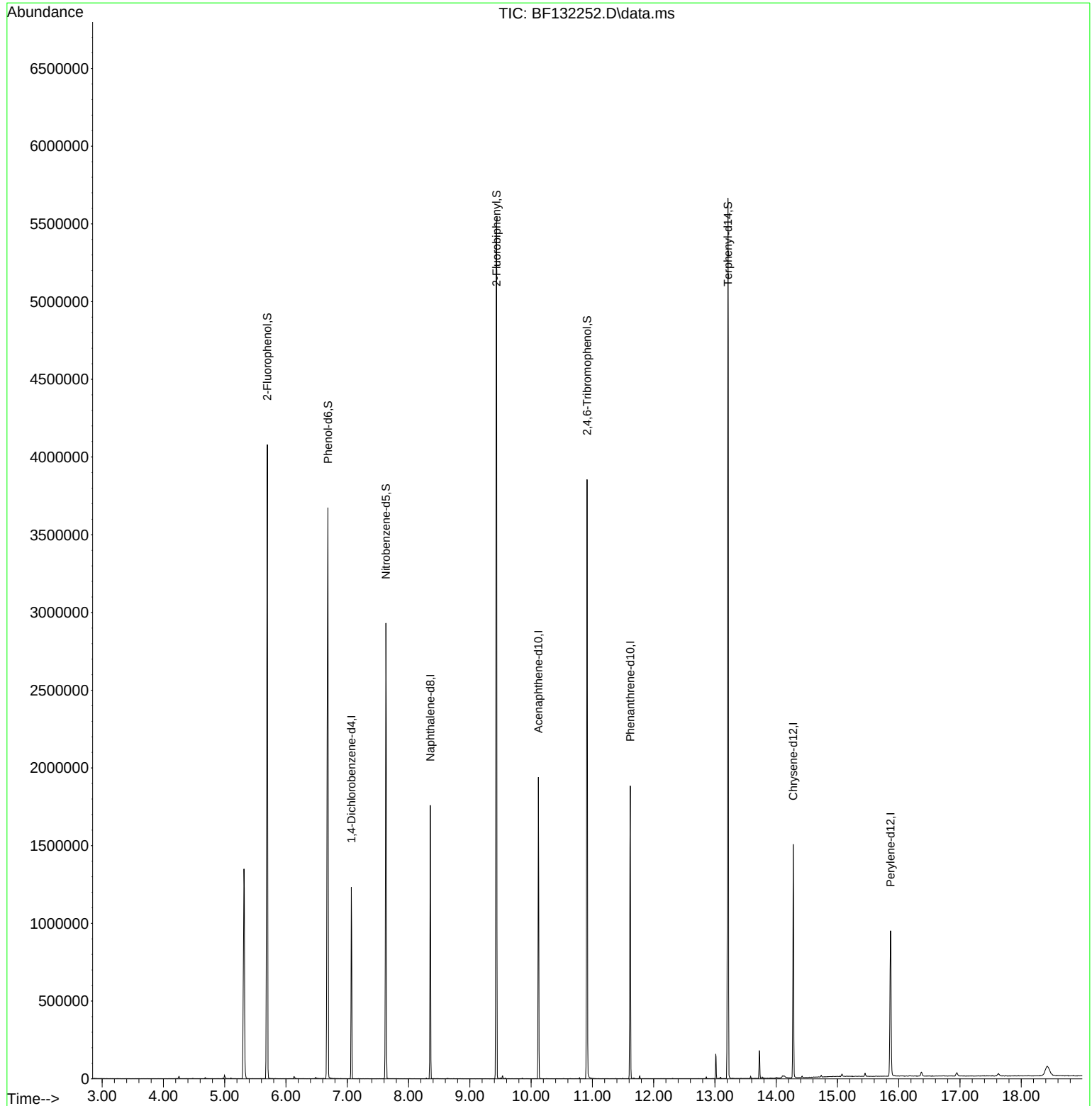
Target Compounds Qvalue

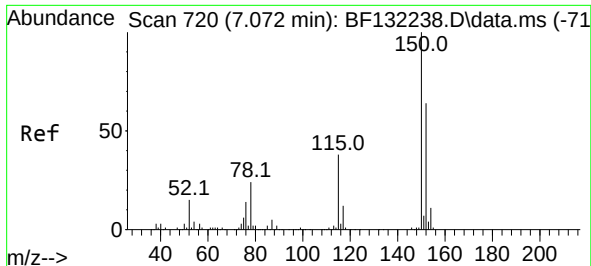
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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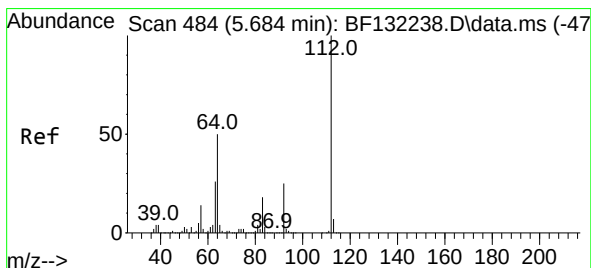
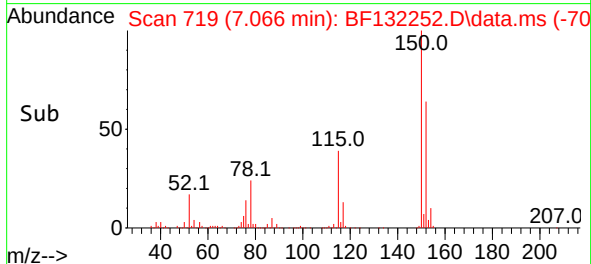
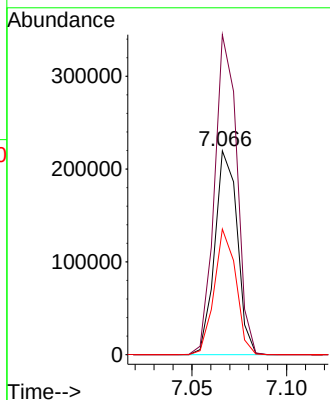
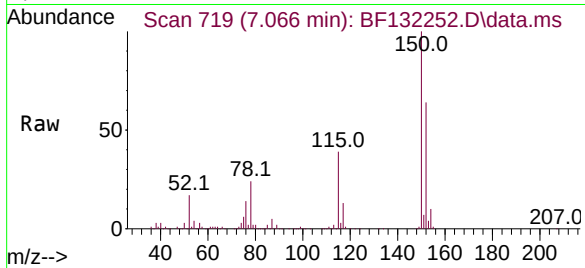




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132252.D
Acq: 01 Feb 2023 10:40

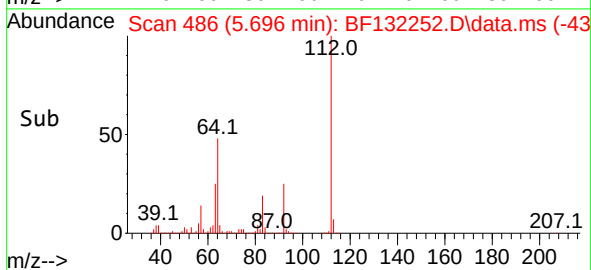
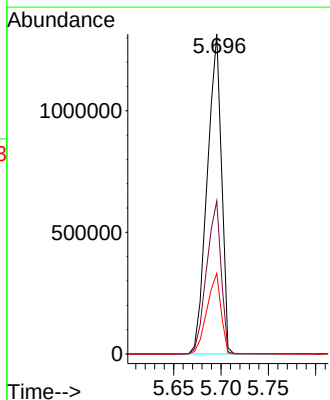
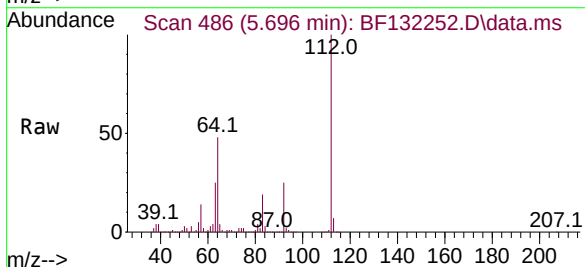
Instrument :
BNA_F
ClientSampleId :
PB150575BL

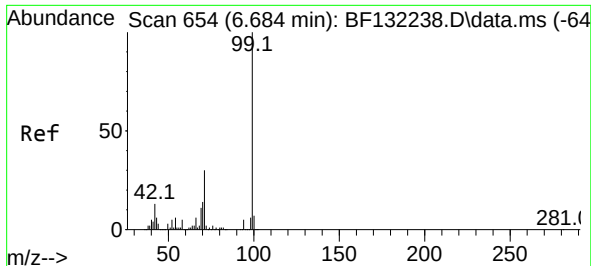
Tgt Ion:152 Resp: 181996
Ion Ratio Lower Upper
152 100
150 157.1 124.2 186.2
115 61.6 47.3 70.9



#5
2-Fluorophenol
Concen: 122.108 ng
RT: 5.696 min Scan# 486
Delta R.T. 0.012 min
Lab File: BF132252.D
Acq: 01 Feb 2023 10:40

Tgt Ion:112 Resp: 1382553
Ion Ratio Lower Upper
112 100
64 47.8 40.0 60.0
63 25.2 20.5 30.7

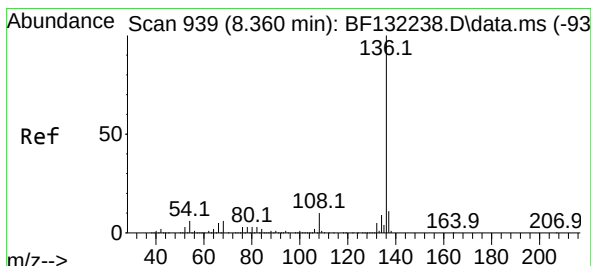
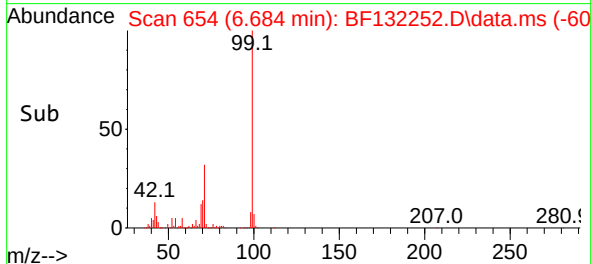
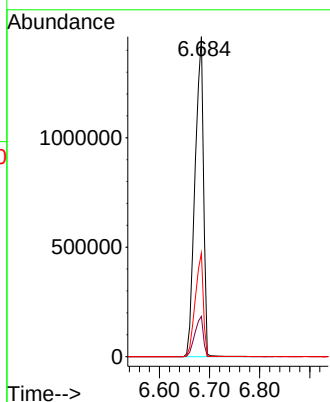
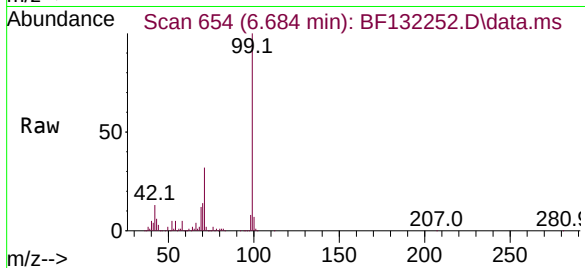




#7
Phenol-d6
Concen: 122.231 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132252.D
Acq: 01 Feb 2023 10:40

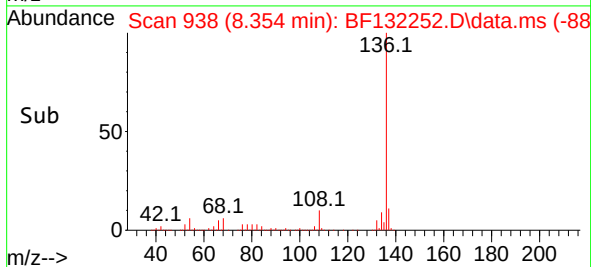
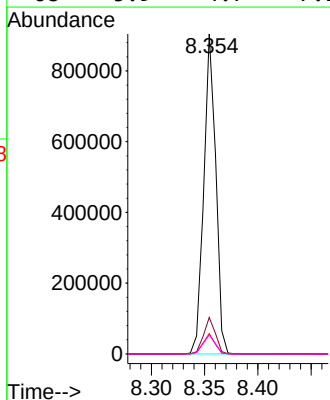
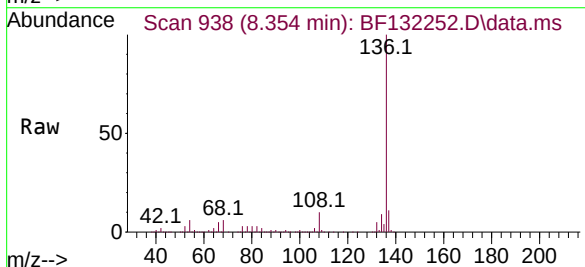
Instrument :
BNA_F
ClientSampleId :
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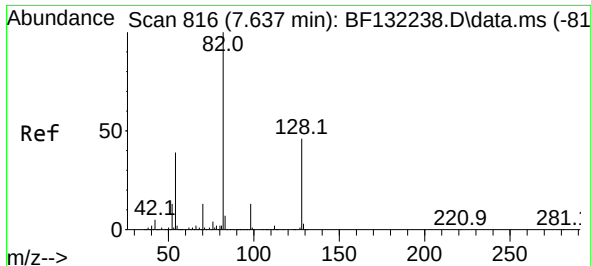
Tgt Ion: 99 Resp: 1706219
Ion Ratio Lower Upper
99 100
42 12.6 10.1 15.1
71 32.3 24.2 36.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF132252.D
Acq: 01 Feb 2023 10:40

Tgt Ion:136 Resp: 703344
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 6.3 4.9 7.3
68 5.9 4.7 7.1

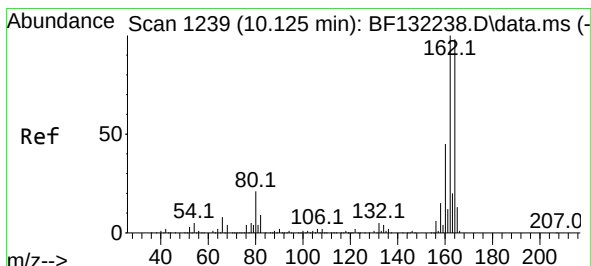
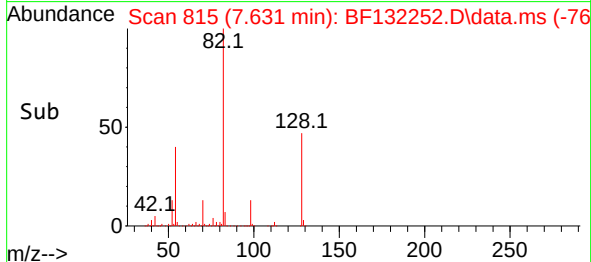
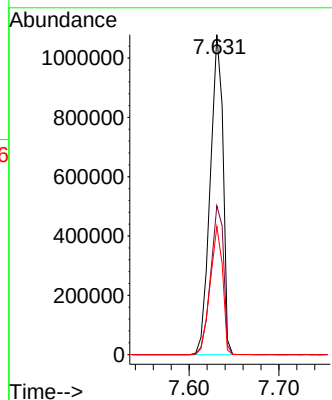
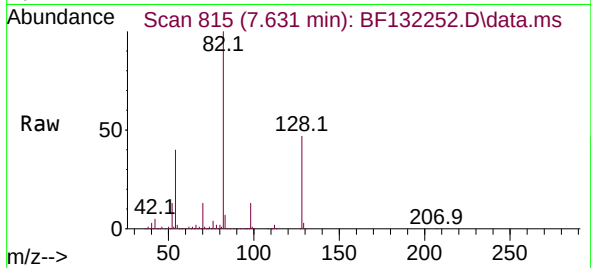




#23
Nitrobenzene-d5
Concen: 84.105 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132252.D
Acq: 01 Feb 2023 10:40

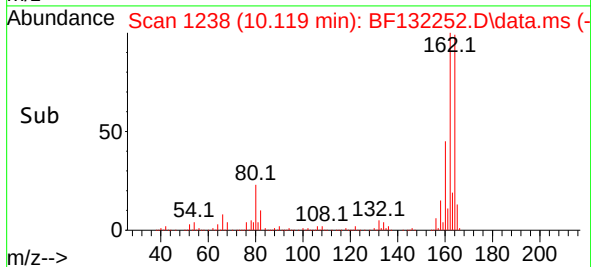
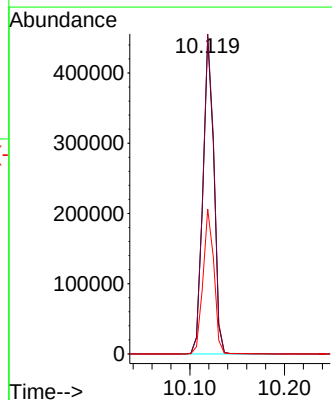
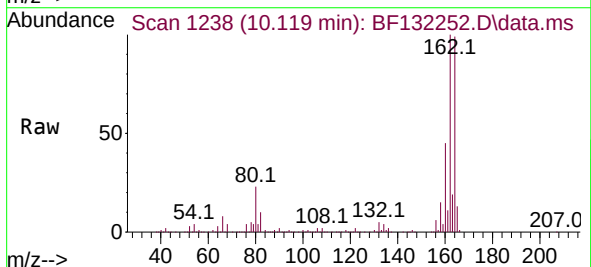
Instrument :
BNA_F
ClientSampleId :
PB150575BL

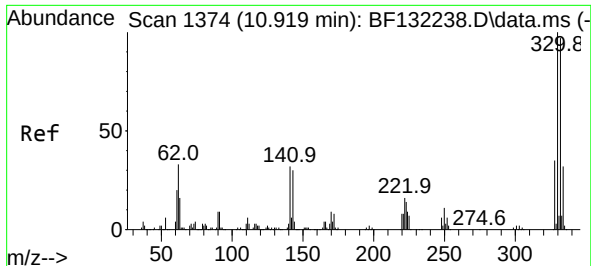
Tgt Ion: 82 Resp: 1063025
Ion Ratio Lower Upper
82 100
128 46.5 37.0 55.4
54 40.0 31.5 47.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132252.D
Acq: 01 Feb 2023 10:40

Tgt Ion:164 Resp: 360457
Ion Ratio Lower Upper
164 100
162 101.2 82.0 123.0
160 45.8 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 127.041 ng

RT: 10.913 min Scan# 1374

Delta R.T. -0.006 min

Lab File: BF132252.D

Acq: 01 Feb 2023 10:40

Instrument :

BNA_F

ClientSampleId :

PB150575BL

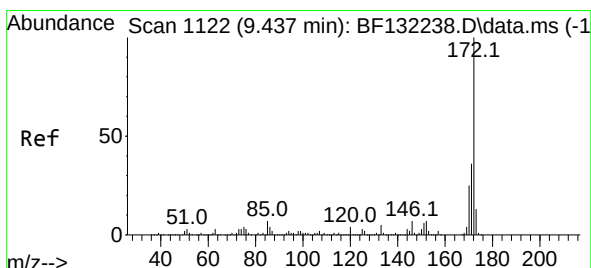
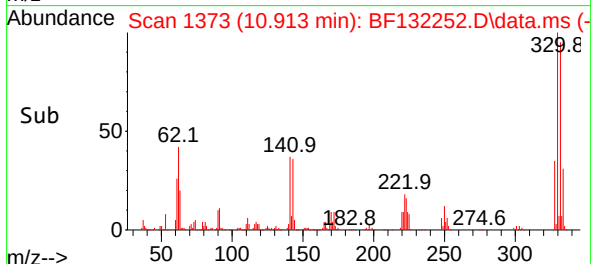
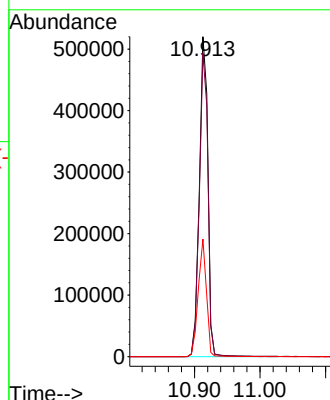
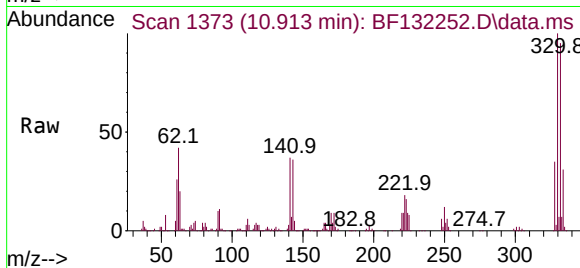
Tgt Ion:330 Resp: 470915

Ion Ratio Lower Upper

330 100

332 95.4 77.9 116.9

141 35.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 76.175 ng

RT: 9.437 min Scan# 1122

Delta R.T. -0.000 min

Lab File: BF132252.D

Acq: 01 Feb 2023 10:40

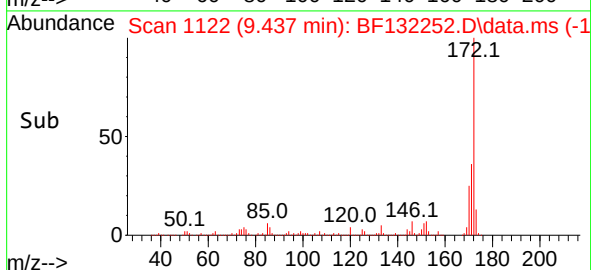
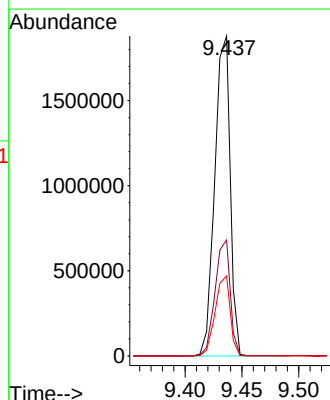
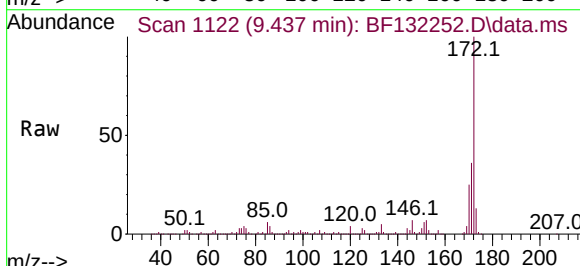
Tgt Ion:172 Resp: 1778065

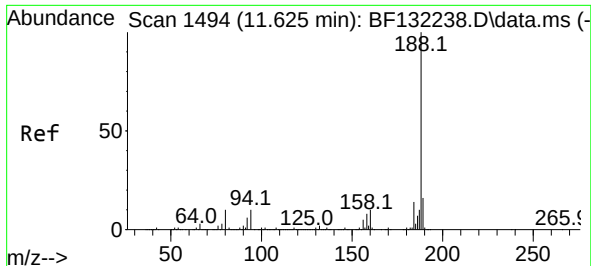
Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

170 25.0 19.7 29.5

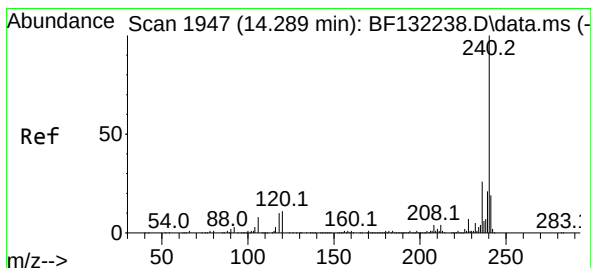
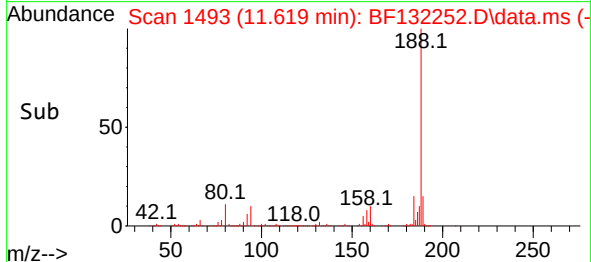
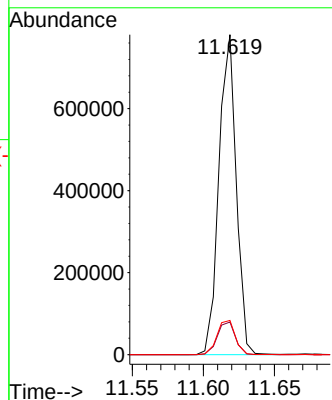
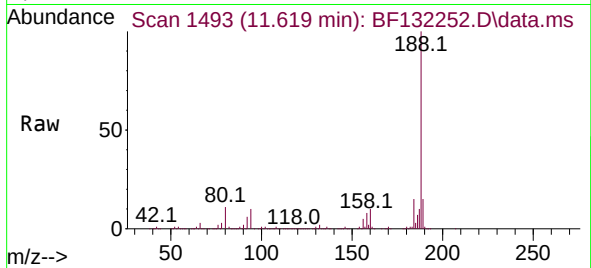




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF132252.D
Acq: 01 Feb 2023 10:40

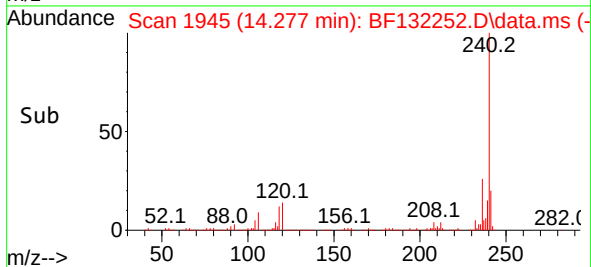
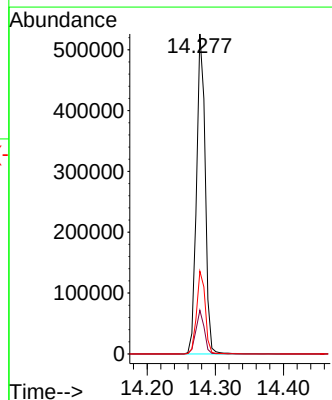
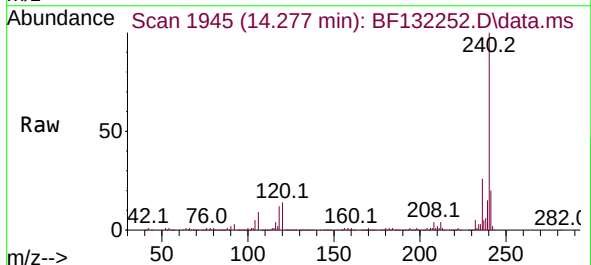
Instrument :
BNA_F
ClientSampleId :
PB150575BL

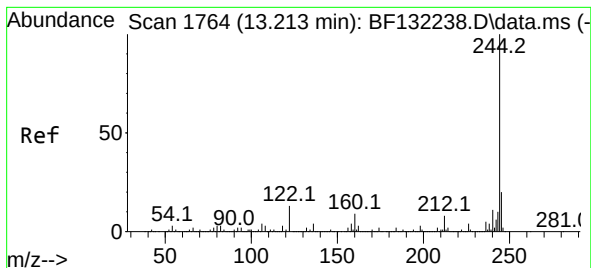
Tgt Ion:188 Resp: 663204
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.7 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132252.D
Acq: 01 Feb 2023 10:40

Tgt Ion:240 Resp: 466139
Ion Ratio Lower Upper
240 100
120 13.6 8.8 13.2#
236 25.8 21.0 31.6





#79

Terphenyl-d14

Concen: 84.711 ng

RT: 13.213 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132252.D

Acq: 01 Feb 2023 10:40

Instrument :

BNA_F

ClientSampleId :

PB150575BL

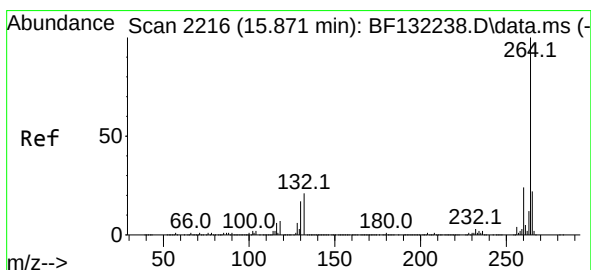
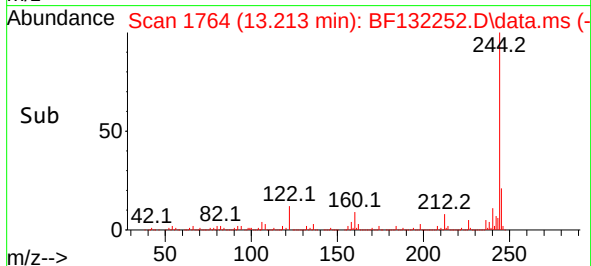
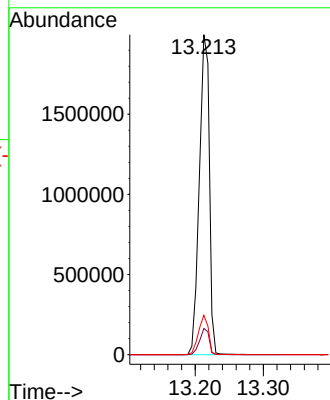
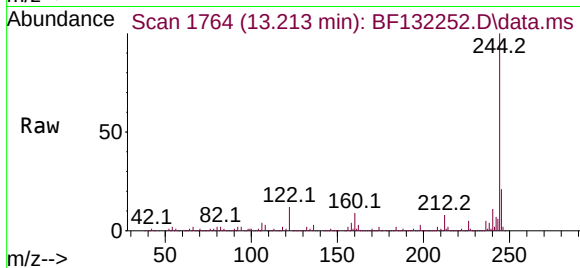
Tgt Ion:244 Resp: 2041298

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

122 12.3 10.5 15.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.866 min Scan# 2215

Delta R.T. -0.006 min

Lab File: BF132252.D

Acq: 01 Feb 2023 10:40

Tgt Ion:264 Resp: 421826

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 22.0 17.4 26.2

