

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
 Data File : BF132222.D
 Acq On : 30 Jan 2023 21:20
 Operator : CG\JU
 Sample : 01342-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOWER-CONCRETE

Quant Time: Jan 31 00:34:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 02:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.078	152	217815	20.000	ng	0.00
21) Naphthalene-d8	8.366	136	799095	20.000	ng	0.00
39) Acenaphthene-d10	10.130	164	440787	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	862040	20.000	ng	0.00
76) Chrysene-d12	14.289	240	461953	20.000	ng	0.00
86) Perylene-d12	15.877	264	413759	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.701	112	881865	67.363	ng	0.00
7) Phenol-d6	6.689	99	1292225	78.724	ng	0.00
23) Nitrobenzene-d5	7.642	82	863169	56.551	ng	0.00
42) 2,4,6-Tribromophenol	10.919	330	183328	44.915	ng	-0.01
45) 2-Fluorobiphenyl	9.442	172	1648630	55.035	ng	0.00
79) Terphenyl-d14	13.224	244	1970047	67.002	ng	0.00

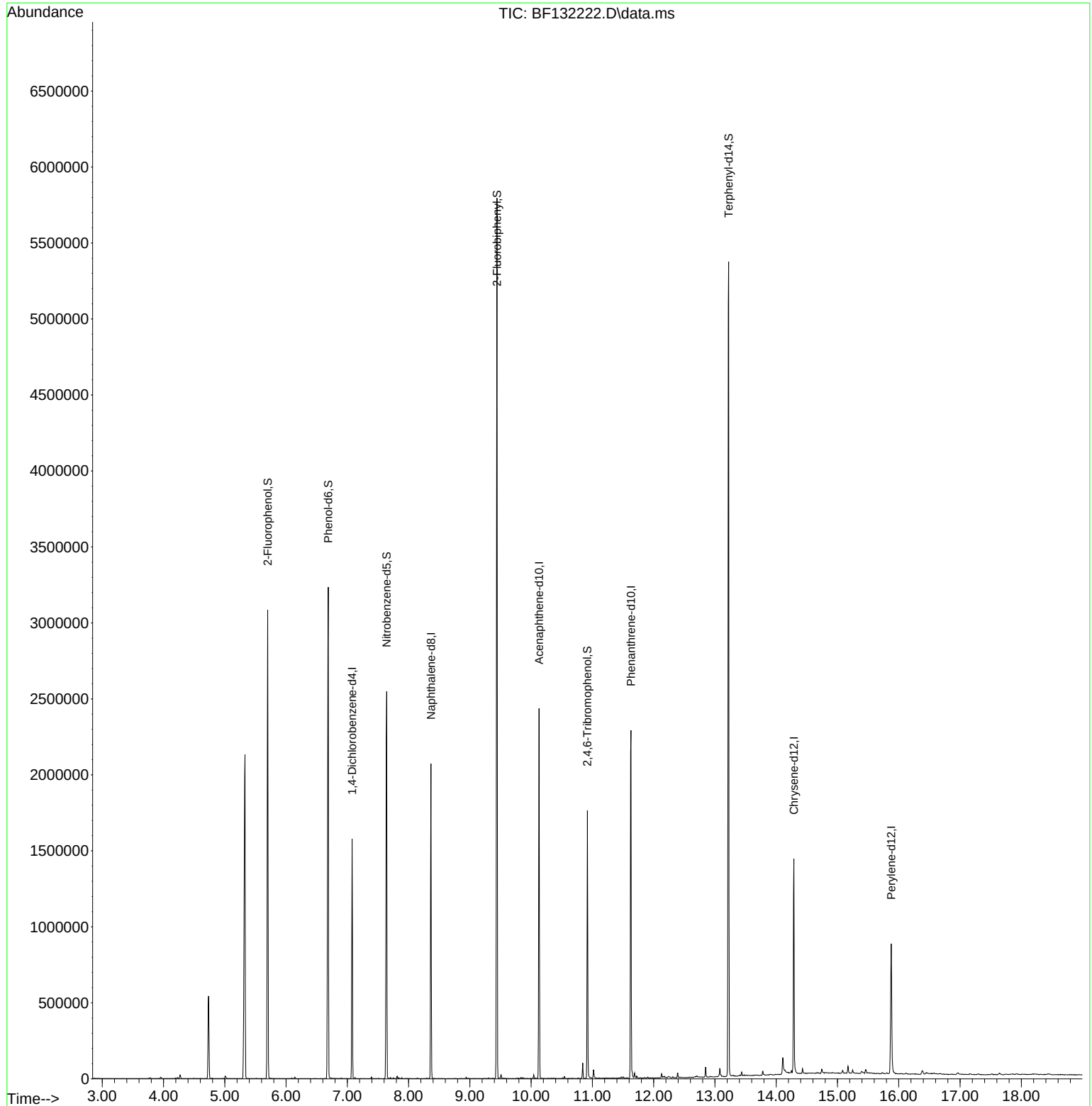
Target Compounds Qvalue

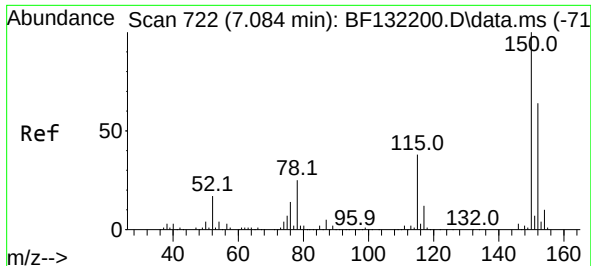
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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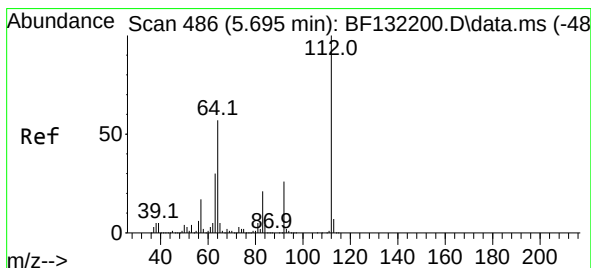
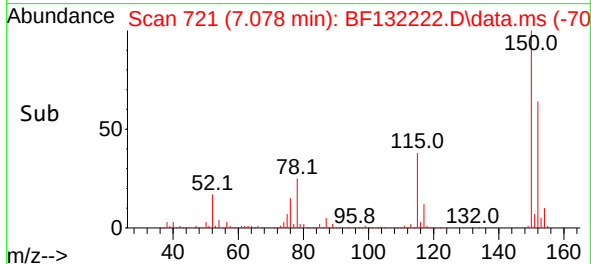
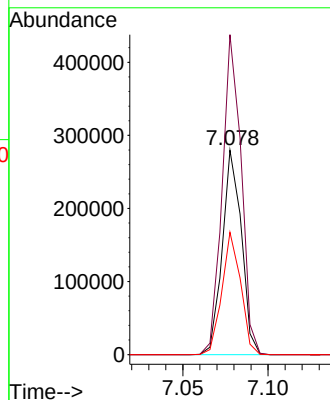
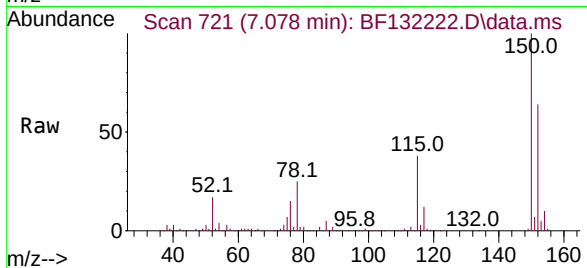




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.078 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132222.D
Acq: 30 Jan 2023 21:20

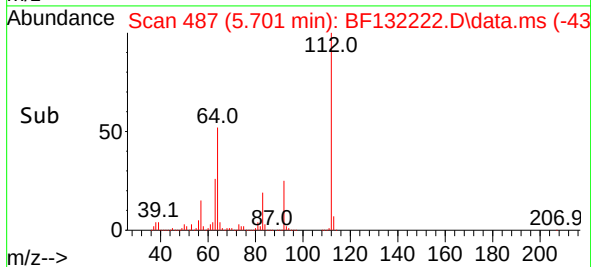
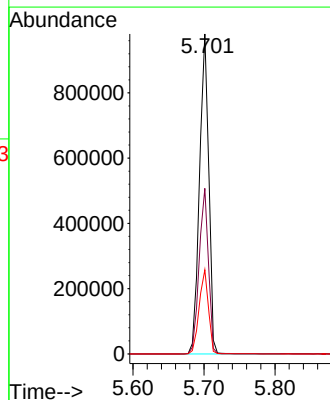
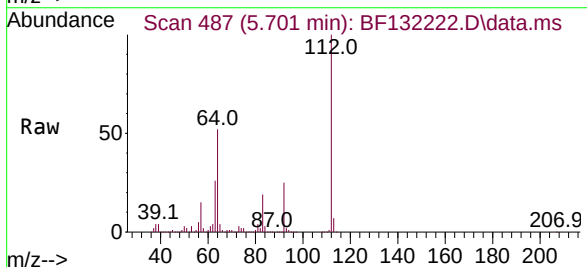
Instrument :
BNA_F
ClientSampleId :
TOWER-CONCRETE

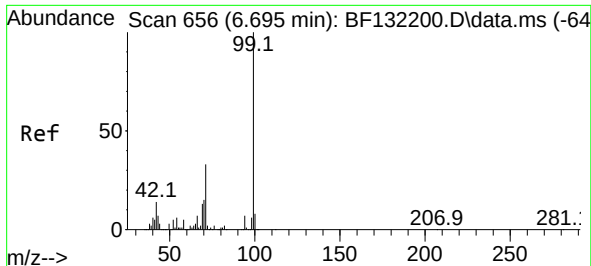
Tgt Ion:152 Resp: 217815
Ion Ratio Lower Upper
152 100
150 156.5 124.5 186.7
115 59.8 47.0 70.6



#5
2-Fluorophenol
Concen: 67.363 ng
RT: 5.701 min Scan# 487
Delta R.T. 0.006 min
Lab File: BF132222.D
Acq: 30 Jan 2023 21:20

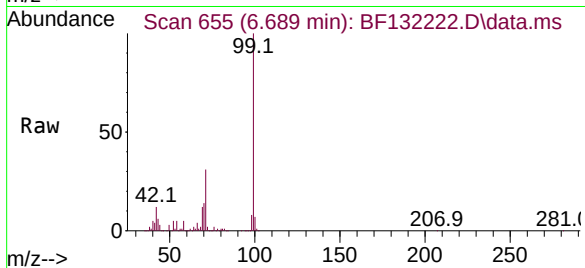
Tgt Ion:112 Resp: 881865
Ion Ratio Lower Upper
112 100
64 51.7 45.5 68.3
63 26.3 23.7 35.5





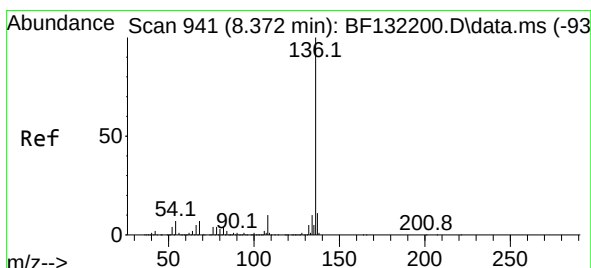
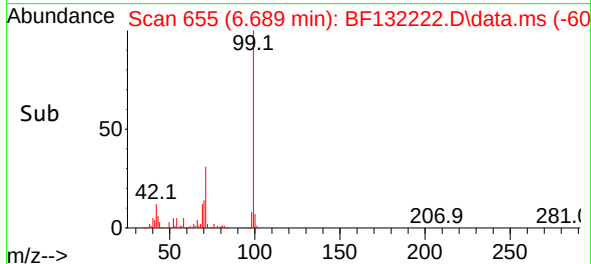
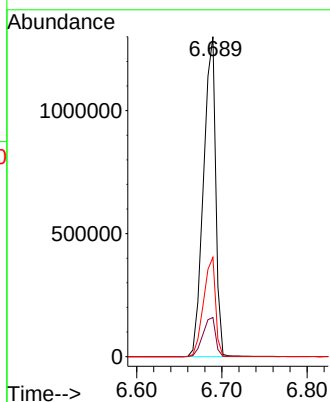
#7
Phenol-d6
Concen: 78.724 ng
RT: 6.689 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132222.D
Acq: 30 Jan 2023 21:20

Instrument :
BNA_F
ClientSampleId :
TOWER-CONCRETE



Tgt Ion: 99 Resp: 1292225

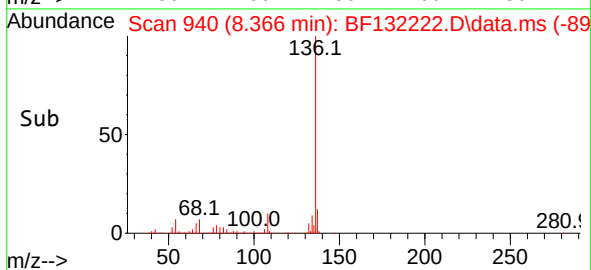
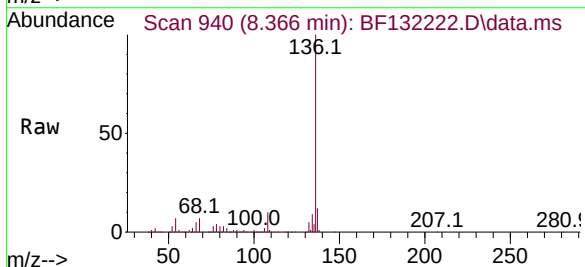
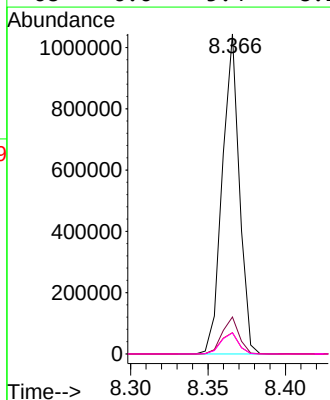
Ion	Ratio	Lower	Upper
99	100		
42	12.2	11.3	16.9
71	31.0	26.3	39.5

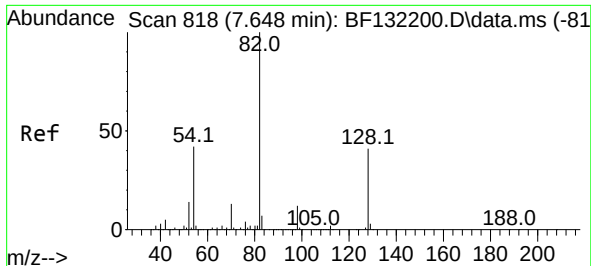


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.366 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF132222.D
Acq: 30 Jan 2023 21:20

Tgt Ion: 136 Resp: 799095

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	6.6	5.4	8.2
68	6.6	5.4	8.2

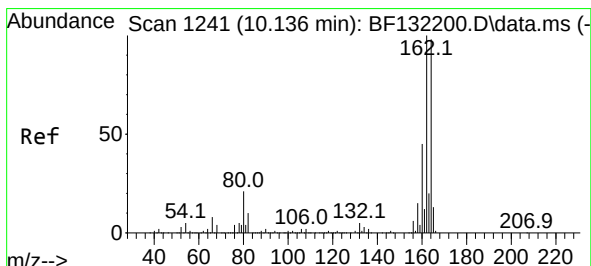
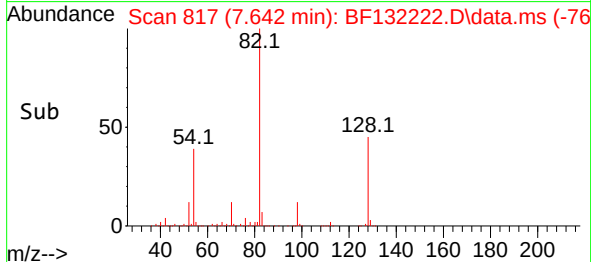
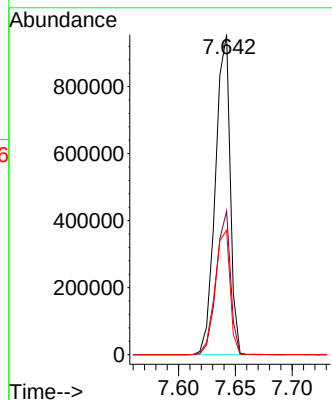
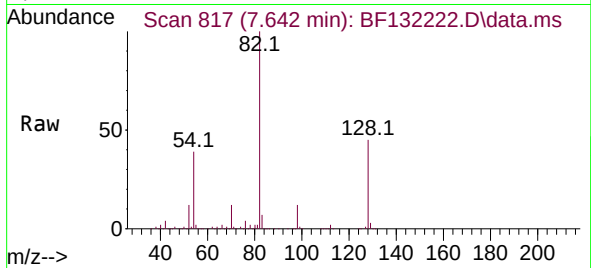




#23
Nitrobenzene-d5
Concen: 56.551 ng
RT: 7.642 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132222.D
Acq: 30 Jan 2023 21:20

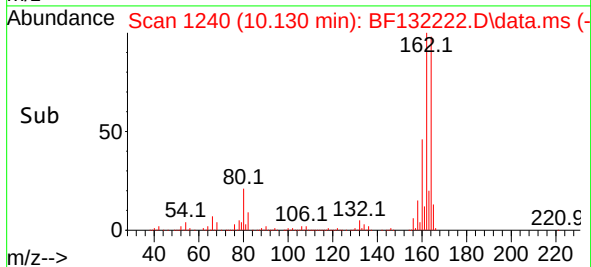
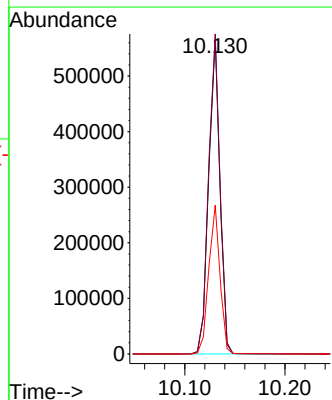
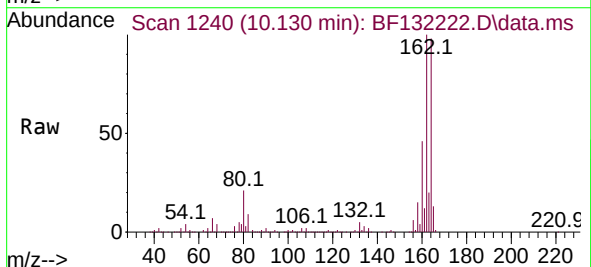
Instrument :
BNA_F
ClientSampleId :
TOWER-CONCRETE

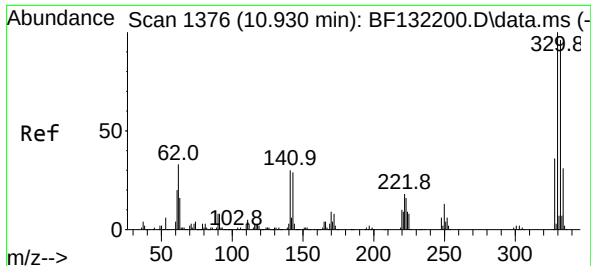
Tgt Ion: 82 Resp: 863169
Ion Ratio Lower Upper
82 100
128 44.8 32.7 49.1
54 38.9 33.3 49.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.130 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BF132222.D
Acq: 30 Jan 2023 21:20

Tgt Ion: 164 Resp: 440787
Ion Ratio Lower Upper
164 100
162 101.5 81.5 122.3
160 47.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 44.915 ng

RT: 10.919 min Scan# 1374

Delta R.T. -0.012 min

Lab File: BF132222.D

Acq: 30 Jan 2023 21:20

Instrument :

BNA_F

ClientSampleId :

TOWER-CONCRETE

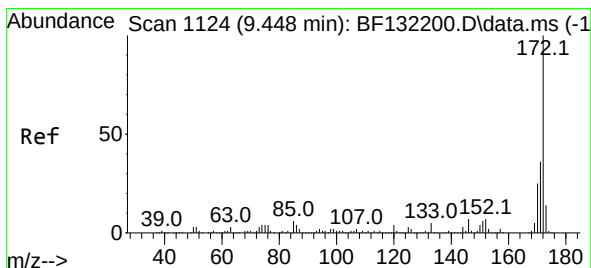
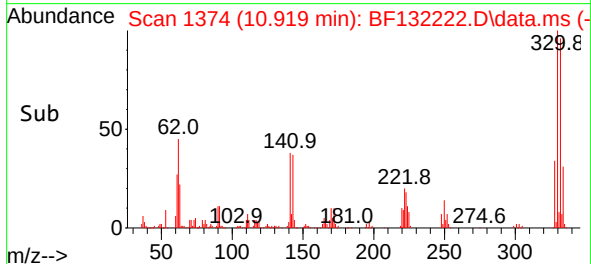
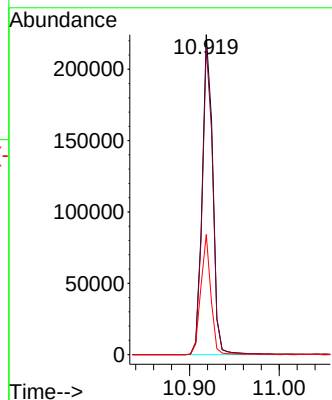
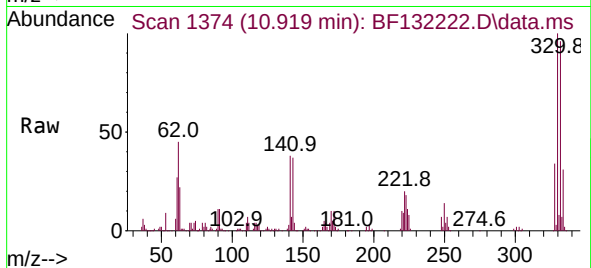
Tgt Ion:330 Resp: 183328

Ion Ratio Lower Upper

330 100

332 95.9 75.7 113.5

141 35.6 30.7 46.1



#45

2-Fluorobiphenyl

Concen: 55.035 ng

RT: 9.442 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF132222.D

Acq: 30 Jan 2023 21:20

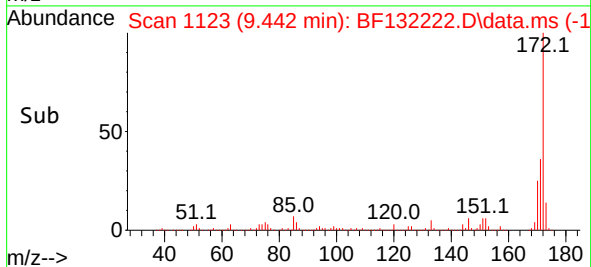
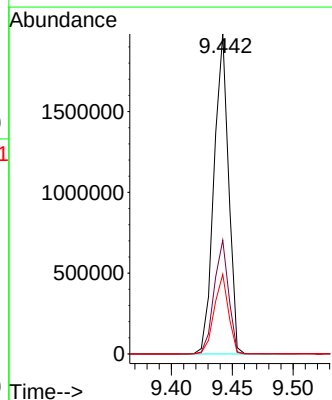
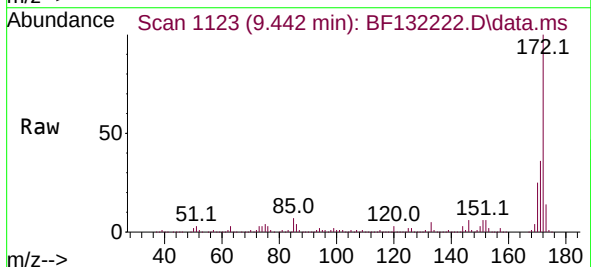
Tgt Ion:172 Resp: 1648630

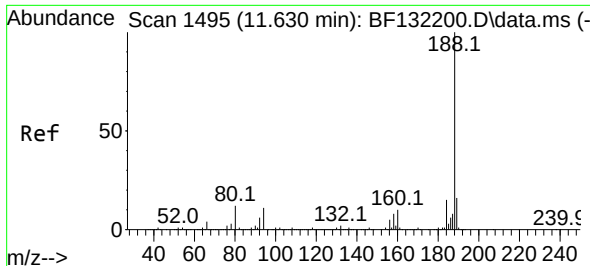
Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.6

170 24.9 20.2 30.4

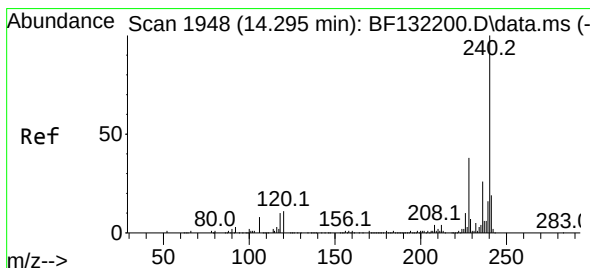
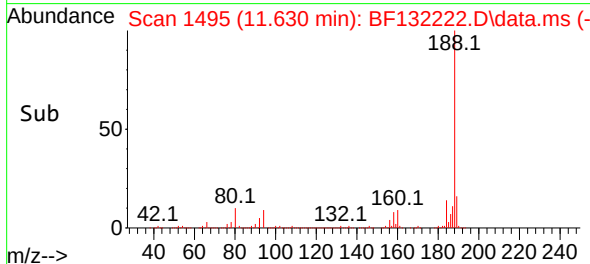
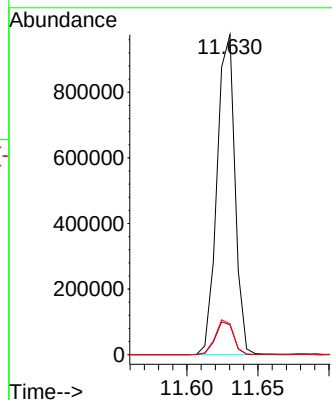
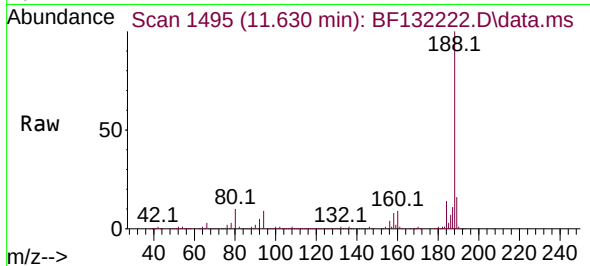




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.630 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF132222.D
Acq: 30 Jan 2023 21:20

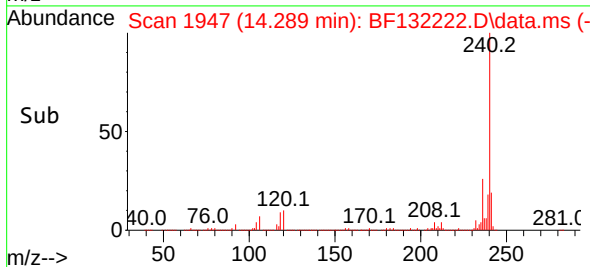
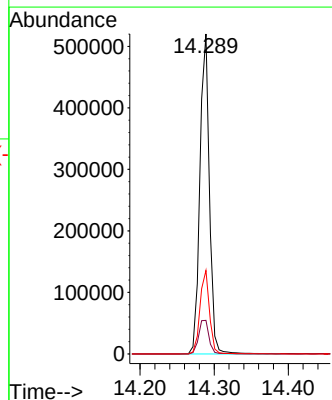
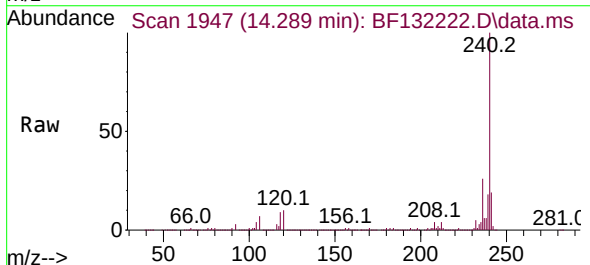
Instrument :
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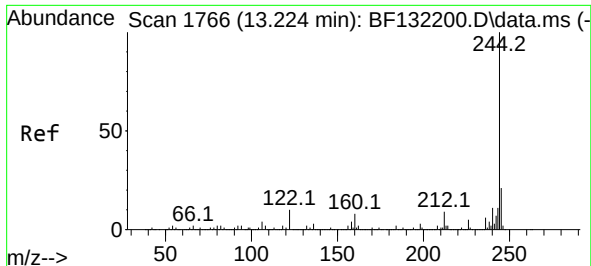
Tgt Ion:188 Resp: 862040
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.6 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.289 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BF132222.D
Acq: 30 Jan 2023 21:20

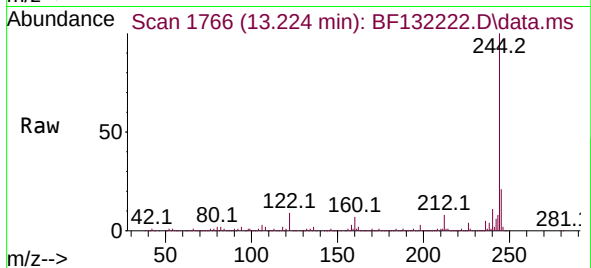
Tgt Ion:240 Resp: 461953
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.4
236 26.1 20.8 31.2



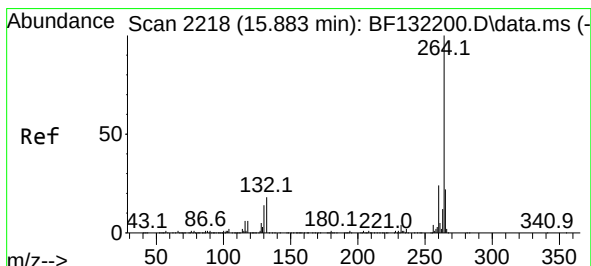
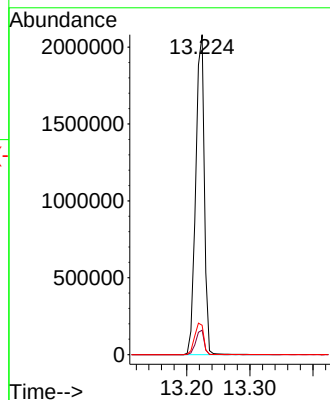
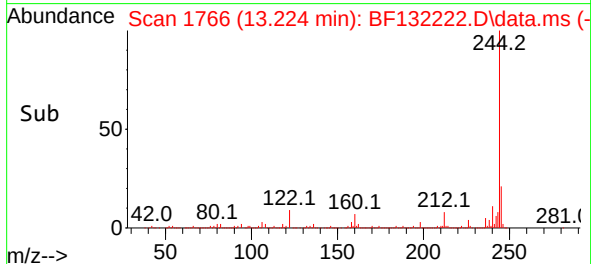


#79
 Terphenyl-d14
 Concen: 67.002 ng
 RT: 13.224 min Scan# 1766
 Delta R.T. 0.000 min
 Lab File: BF132222.D
 Acq: 30 Jan 2023 21:20

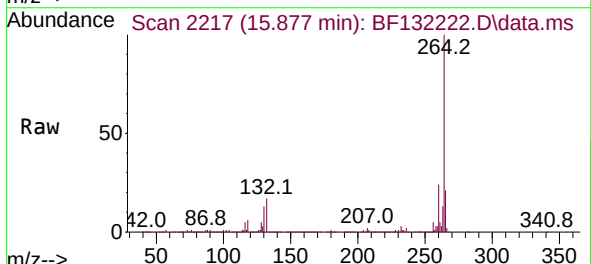
Instrument :
 BNA_F
 ClientSampleId :
 TOWER-CONCRETE



Tgt Ion:244 Resp: 1970047
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.8 10.2
 122 9.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.877 min Scan# 2217
 Delta R.T. -0.006 min
 Lab File: BF132222.D
 Acq: 30 Jan 2023 21:20



Tgt Ion:264 Resp: 413759
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 21.3 17.4 26.2

