

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
 Data File : BF132221.D
 Acq On : 30 Jan 2023 20:47
 Operator : CG\JU
 Sample : 01243-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TJRC-011923-B4-30-40

Quant Time: Jan 31 00:34:01 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	223758	20.000	ng	0.00
21) Naphthalene-d8	8.366	136	827456	20.000	ng	0.00
39) Acenaphthene-d10	10.131	164	446700	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	875937	20.000	ng	0.00
76) Chrysene-d12	14.289	240	496483	20.000	ng	0.00
86) Perylene-d12	15.877	264	423060	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	1247293	92.746	ng	0.01
7) Phenol-d6	6.690	99	1569608	93.082	ng	0.00
23) Nitrobenzene-d5	7.642	82	940633	59.513	ng	0.00
42) 2,4,6-Tribromophenol	10.925	330	402509	97.310	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	1723262	56.765	ng	0.00
79) Terphenyl-d14	13.224	244	2074270	65.640	ng	0.00

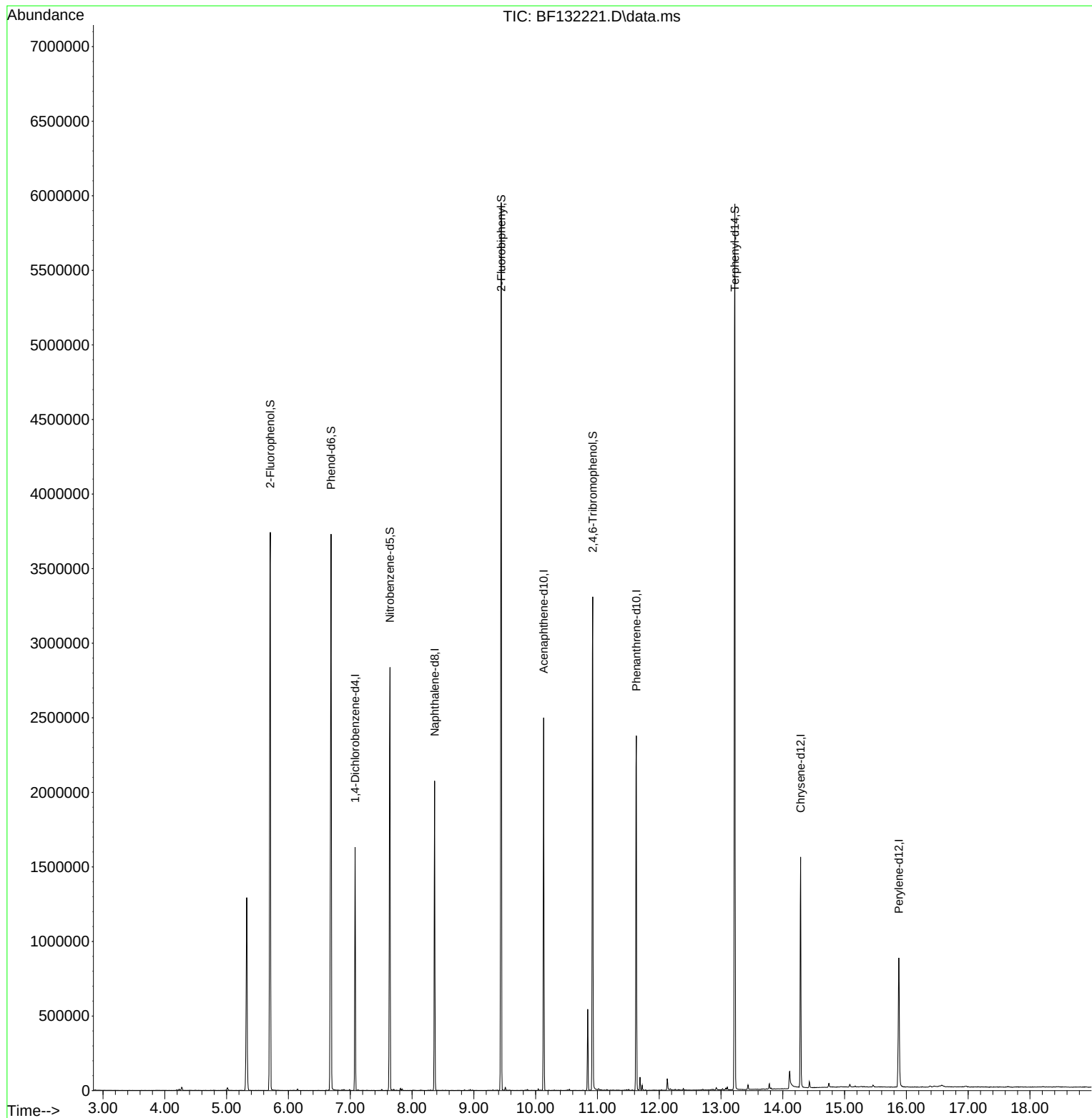
Target Compounds	Qvalue

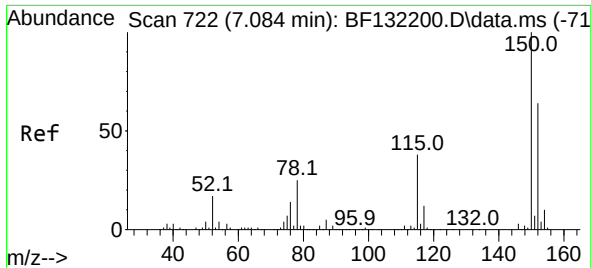
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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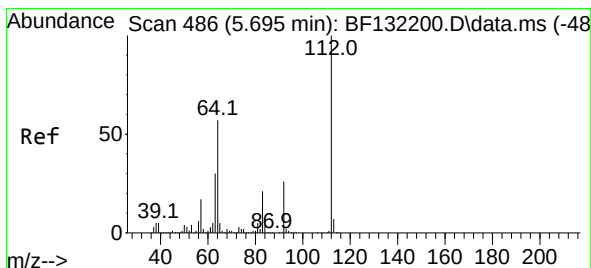
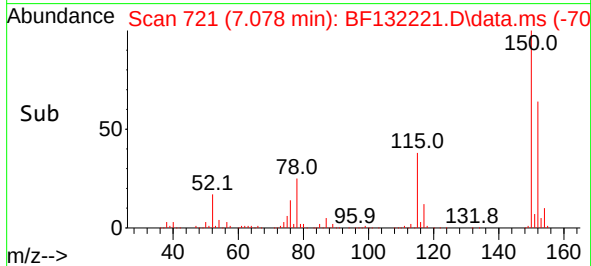
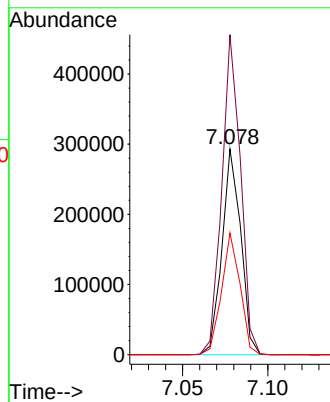
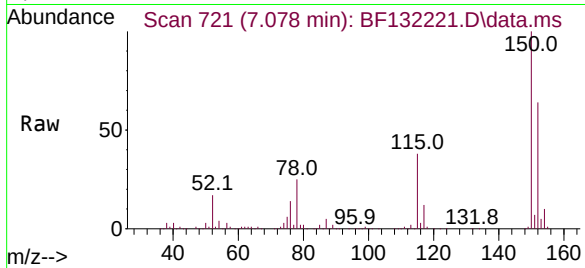




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.078 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132221.D
Acq: 30 Jan 2023 20:47

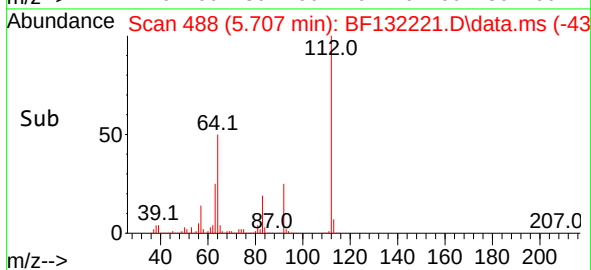
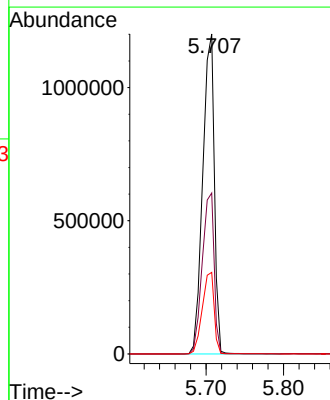
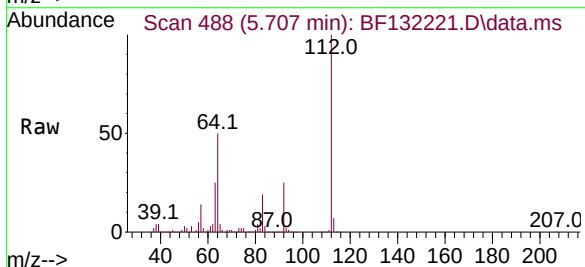
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-30-40

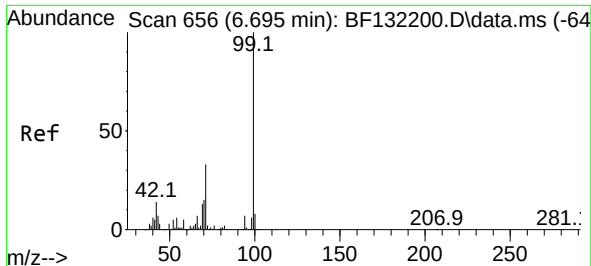
Tgt Ion:152 Resp: 223758
Ion Ratio Lower Upper
152 100
150 155.8 124.5 186.7
115 59.2 47.0 70.6



#5
2-Fluorophenol
Concen: 92.746 ng
RT: 5.707 min Scan# 488
Delta R.T. 0.012 min
Lab File: BF132221.D
Acq: 30 Jan 2023 20:47

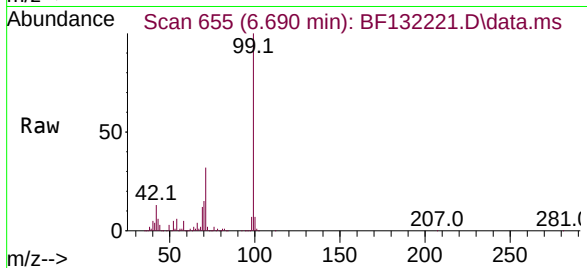
Tgt Ion:112 Resp: 1247293
Ion Ratio Lower Upper
112 100
64 50.3 45.5 68.3
63 25.5 23.7 35.5





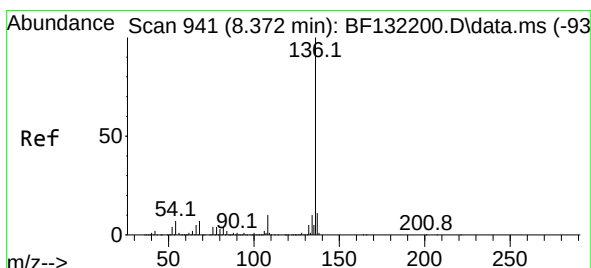
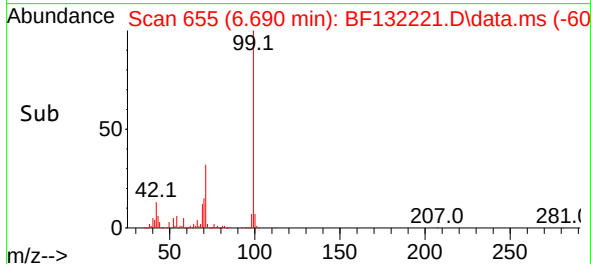
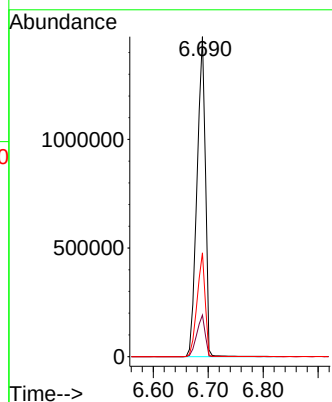
#7
Phenol-d6
Concen: 93.082 ng
RT: 6.690 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132221.D
Acq: 30 Jan 2023 20:47

Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-30-40



Tgt Ion: 99 Resp: 1569608

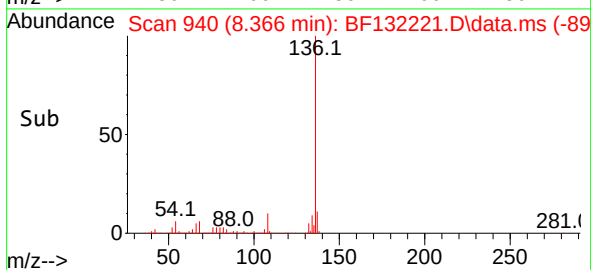
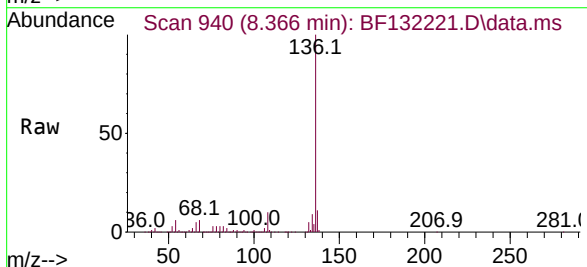
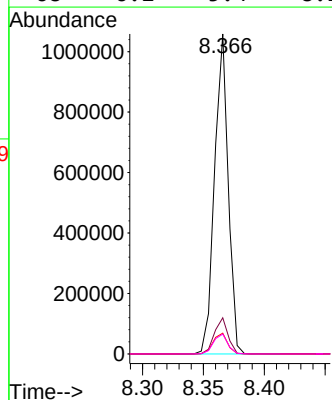
Ion	Ratio	Lower	Upper
99	100		
42	13.0	11.3	16.9
71	32.4	26.3	39.5

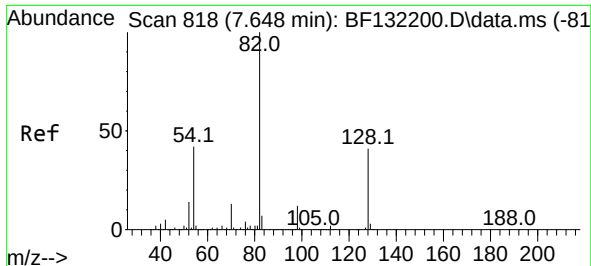


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.366 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF132221.D
Acq: 30 Jan 2023 20:47

Tgt Ion: 136 Resp: 827456

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.5	5.4	8.2
68	6.2	5.4	8.2

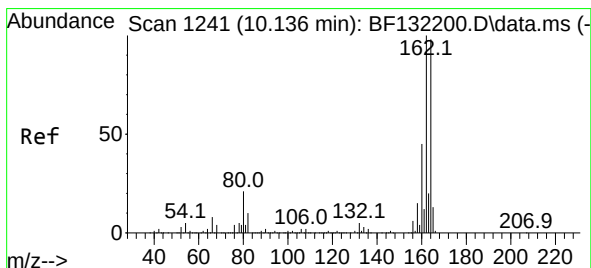
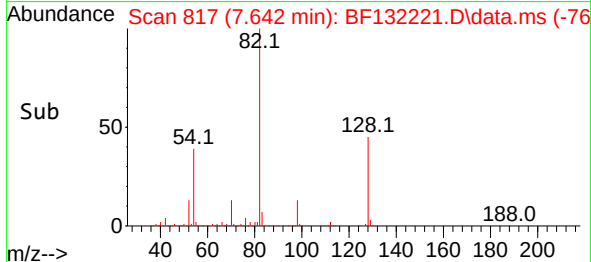
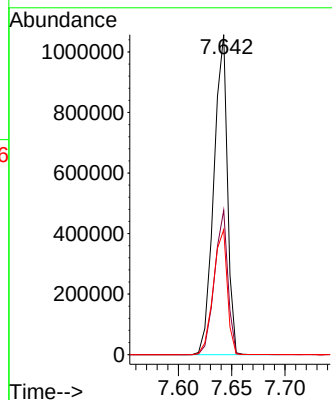
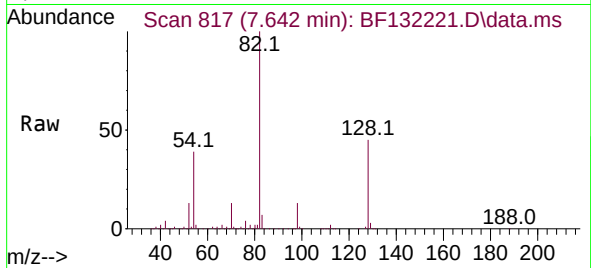




#23
Nitrobenzene-d5
Concen: 59.513 ng
RT: 7.642 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132221.D
Acq: 30 Jan 2023 20:47

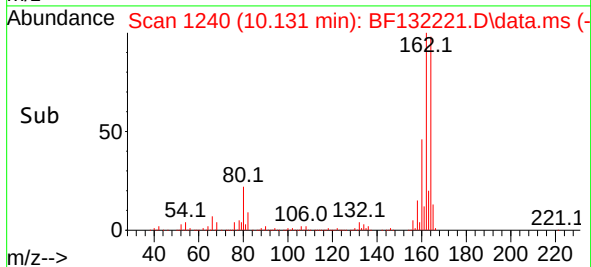
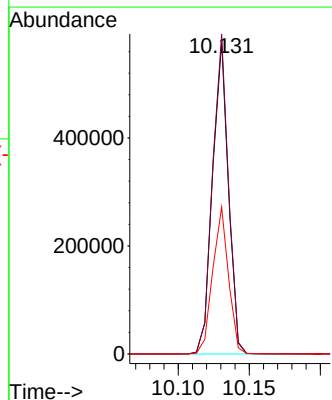
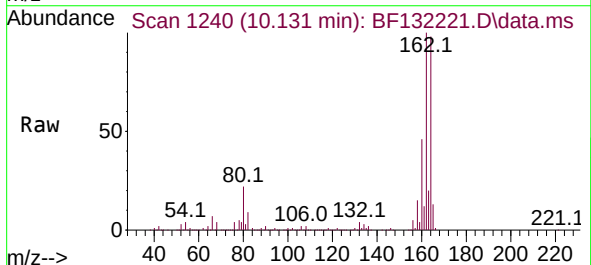
Instrument :
BNA_F
ClientSampleId :
TJRC-011923-B4-30-40

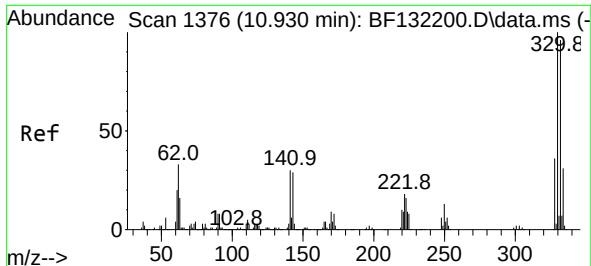
Tgt Ion: 82 Resp: 940633
Ion Ratio Lower Upper
82 100
128 45.1 32.7 49.1
54 39.0 33.3 49.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.131 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BF132221.D
Acq: 30 Jan 2023 20:47

Tgt Ion: 164 Resp: 446700
Ion Ratio Lower Upper
164 100
162 102.4 81.5 122.3
160 47.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 97.310 ng

RT: 10.925 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF132221.D

Acq: 30 Jan 2023 20:47

Instrument :

BNA_F

ClientSampleId :

TJRC-011923-B4-30-40

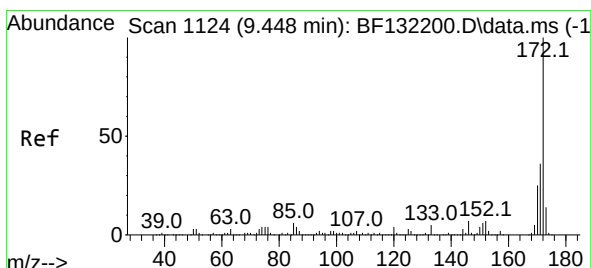
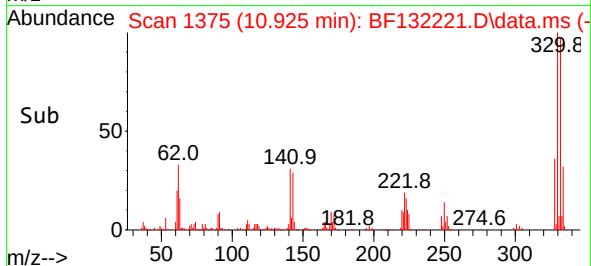
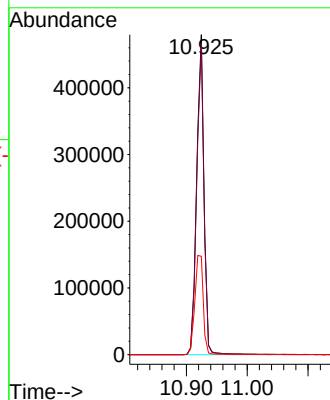
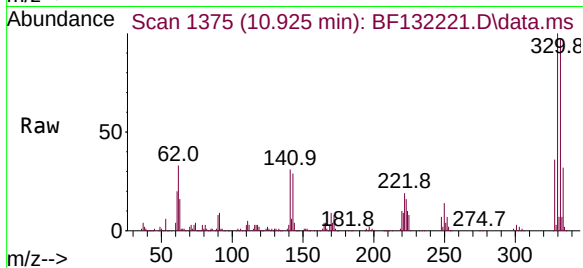
Tgt Ion:330 Resp: 402509

Ion Ratio Lower Upper

330 100

332 96.4 75.7 113.5

141 35.8 30.7 46.1



#45

2-Fluorobiphenyl

Concen: 56.765 ng

RT: 9.442 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF132221.D

Acq: 30 Jan 2023 20:47

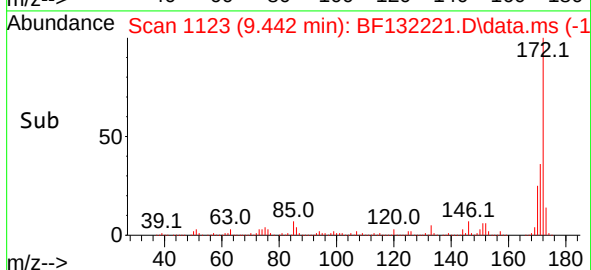
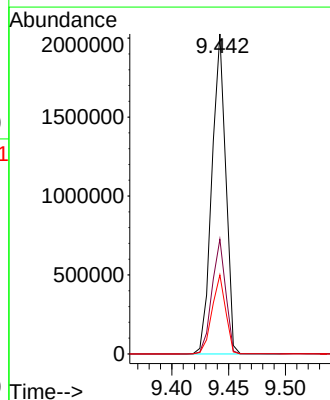
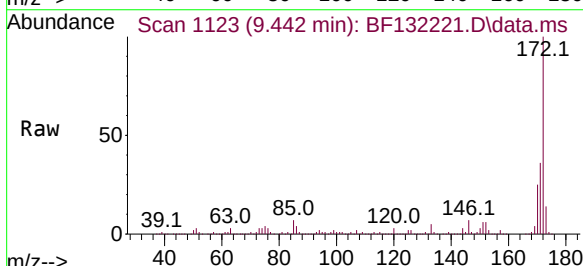
Tgt Ion:172 Resp: 1723262

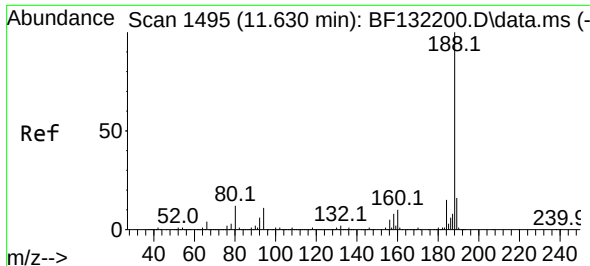
Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

170 24.7 20.2 30.4

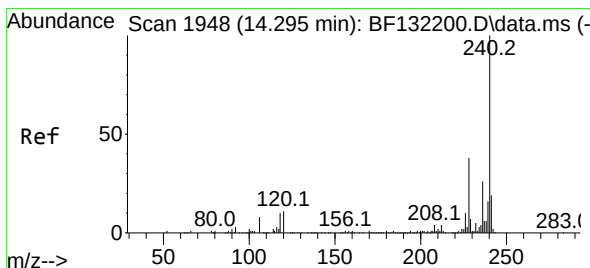
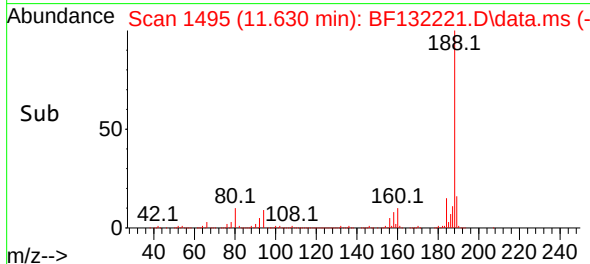
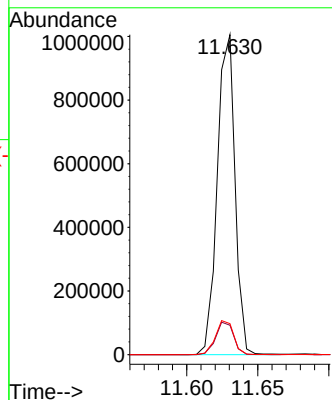
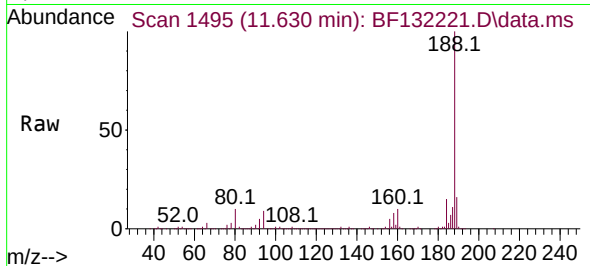




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.630 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF132221.D
Acq: 30 Jan 2023 20:47

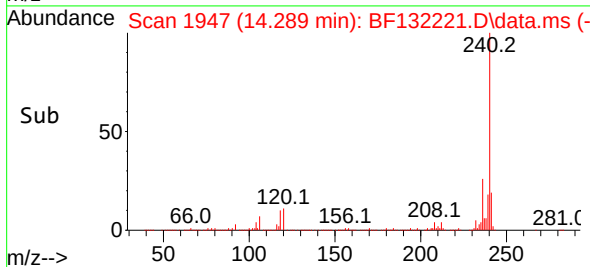
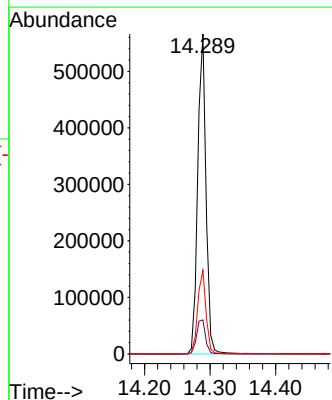
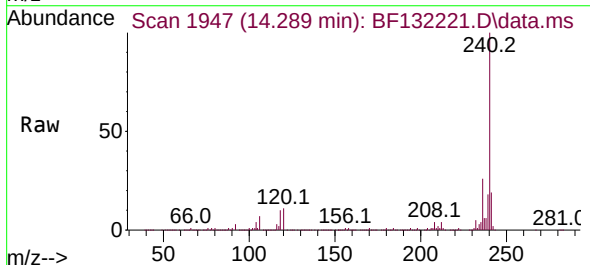
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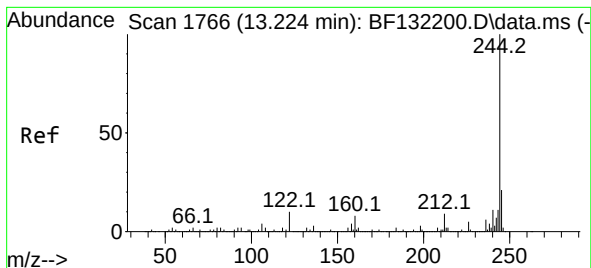
Tgt Ion:188 Resp: 875937
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 9.7 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.289 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BF132221.D
Acq: 30 Jan 2023 20:47

Tgt Ion:240 Resp: 496483
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.4
236 26.1 20.8 31.2





#79

Terphenyl-d14

Concen: 65.640 ng

RT: 13.224 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132221.D

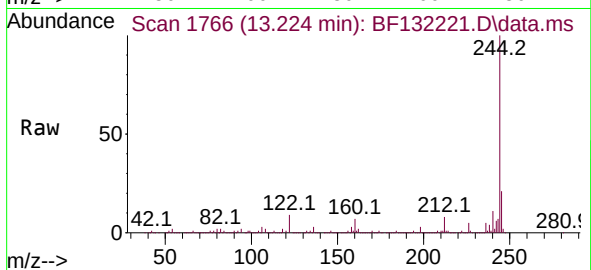
Acq: 30 Jan 2023 20:47

Instrument :

BNA_F

ClientSampleId :

TJRC-011923-B4-30-40



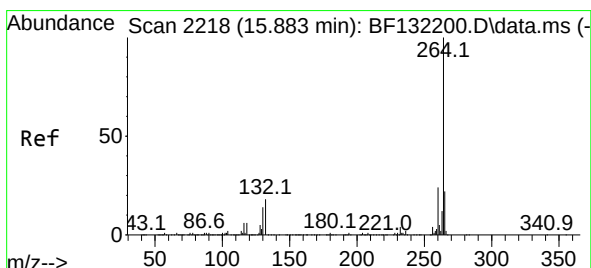
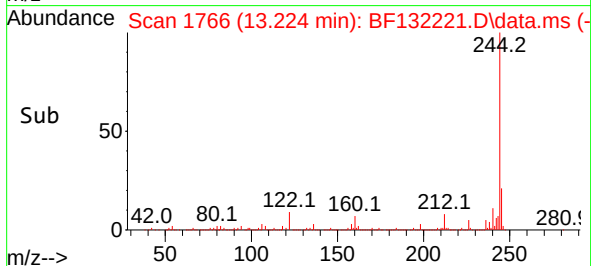
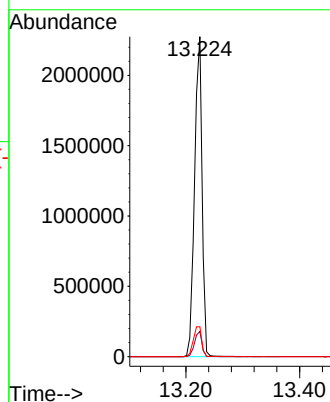
Tgt Ion:244 Resp: 2074270

Ion Ratio Lower Upper

244 100

212 7.9 6.8 10.2

122 9.3 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: BF132221.D

Acq: 30 Jan 2023 20:47

Tgt Ion:264 Resp: 423060

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 22.0 17.4 26.2

