

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
 Data File : BF132220.D
 Acq On : 30 Jan 2023 20:14
 Operator : CG\JU
 Sample : 01329-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-8-BORING-2-21-28

Quant Time: Jan 31 00:33:40 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	213859	20.000	ng	0.00
21) Naphthalene-d8	8.366	136	791387	20.000	ng	0.00
39) Acenaphthene-d10	10.131	164	435823	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	858347	20.000	ng	0.00
76) Chrysene-d12	14.289	240	473090	20.000	ng	0.00
86) Perylene-d12	15.877	264	421932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.701	112	1221678	95.046	ng	0.00
7) Phenol-d6	6.690	99	1539180	95.503	ng	0.00
23) Nitrobenzene-d5	7.642	82	937503	62.019	ng	0.00
42) 2,4,6-Tribromophenol	10.925	330	393996	97.629	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	1652406	55.789	ng	0.00
79) Terphenyl-d14	13.224	244	1940156	64.432	ng	0.00

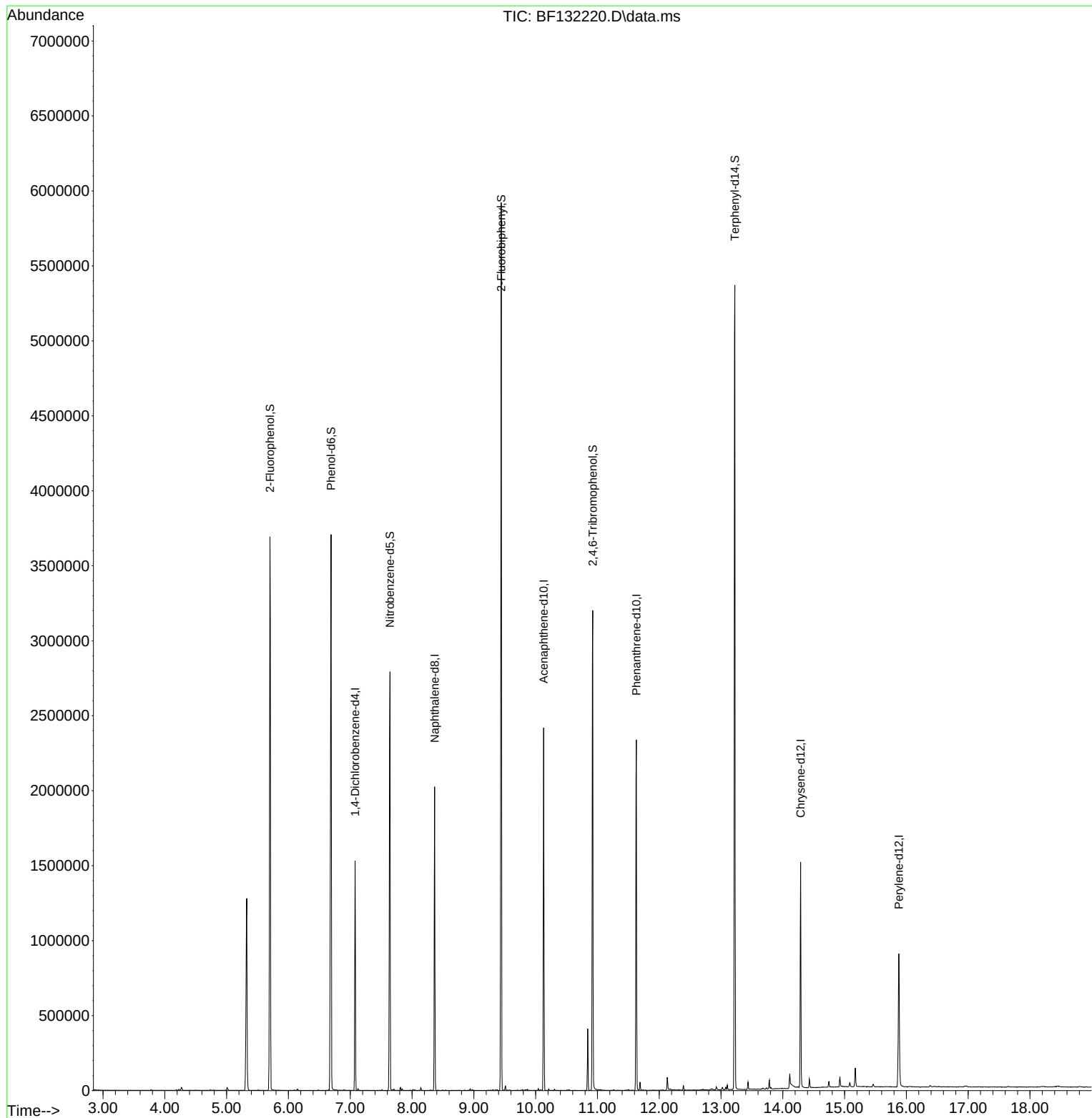
Target Compounds	Qvalue

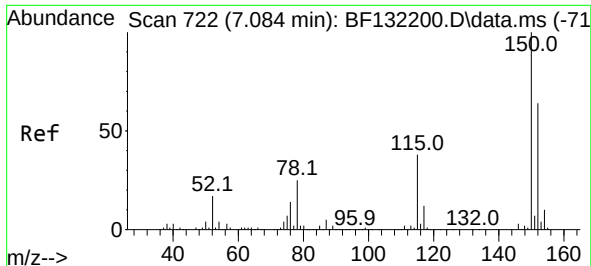
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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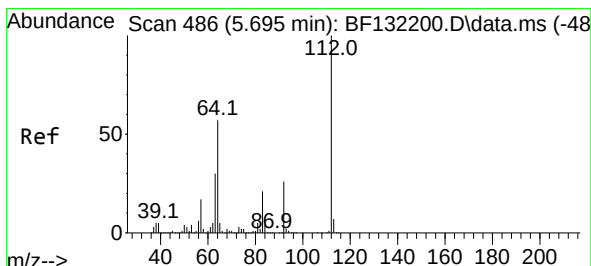
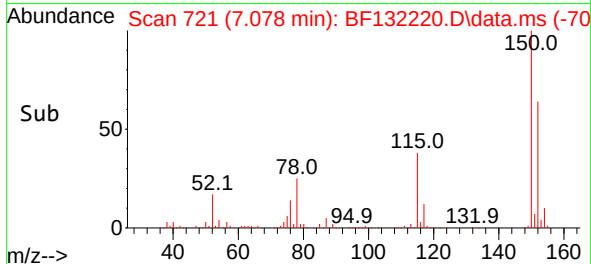
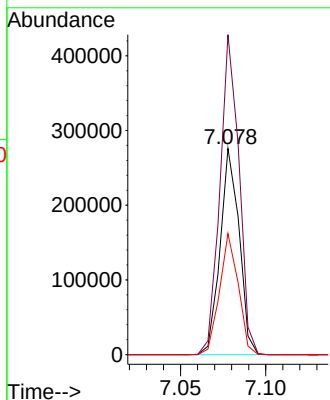
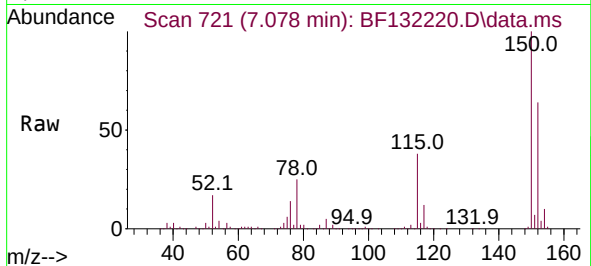




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.078 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

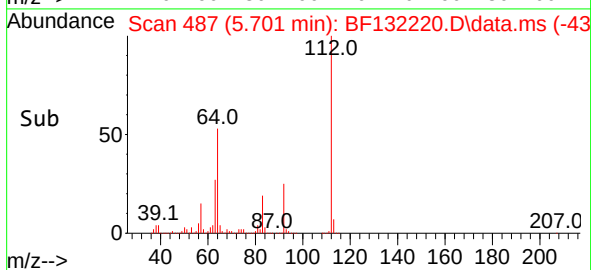
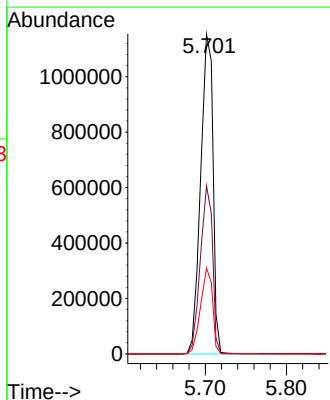
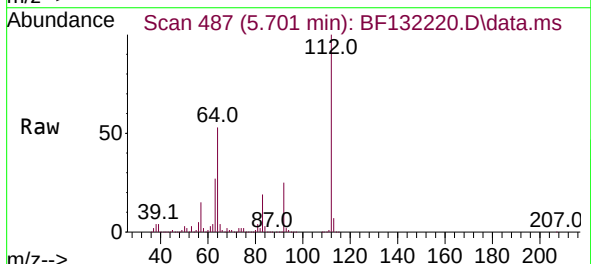
Instrument :
BNA_F
ClientSampleId :
COMP-8-BORING-2-21-28

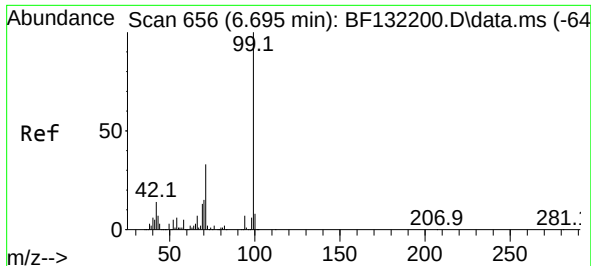
Tgt Ion:152 Resp: 213859
Ion Ratio Lower Upper
152 100
150 155.2 124.5 186.7
115 58.7 47.0 70.6



#5
2-Fluorophenol
Concen: 95.046 ng
RT: 5.701 min Scan# 487
Delta R.T. 0.006 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

Tgt Ion:112 Resp: 1221678
Ion Ratio Lower Upper
112 100
64 52.5 45.5 68.3
63 26.8 23.7 35.5

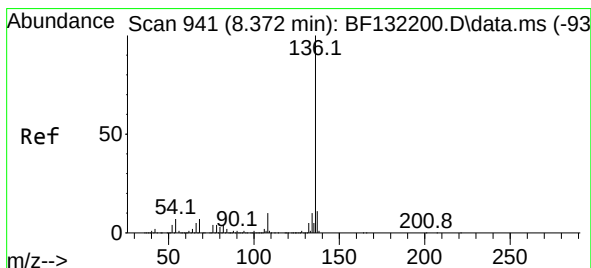
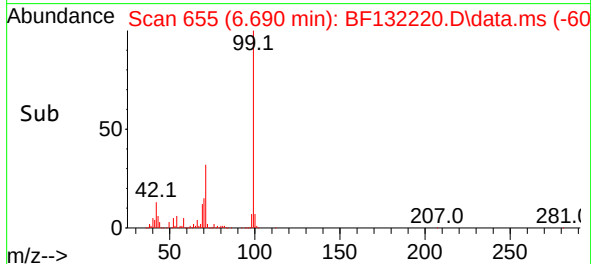
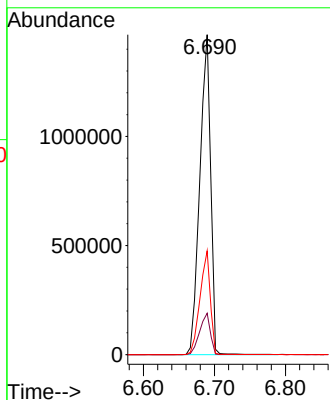
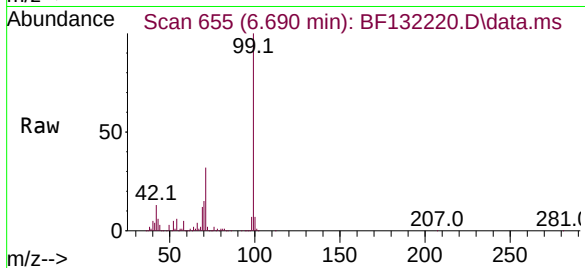




#7
Phenol-d6
Concen: 95.503 ng
RT: 6.690 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

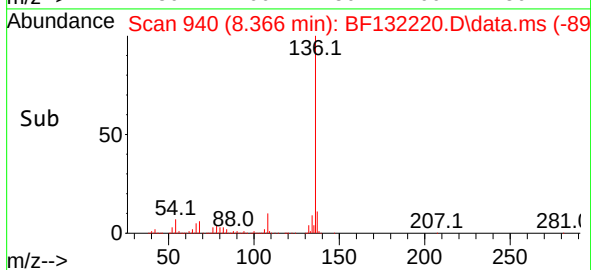
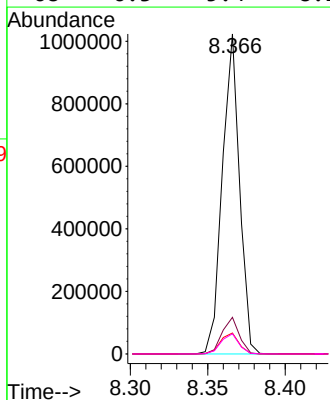
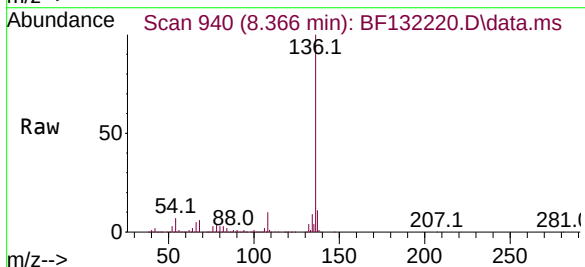
Instrument :
BNA_F
ClientSampleId :
COMP-8-BORING-2-21-28

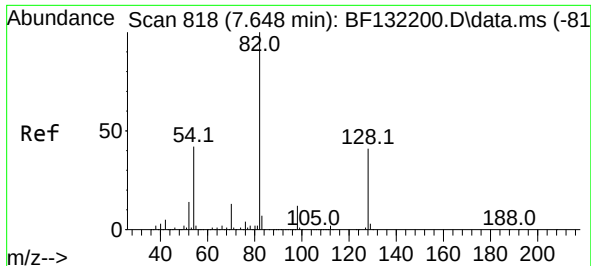
Tgt Ion: 99 Resp: 1539180
Ion Ratio Lower Upper
99 100
42 12.9 11.3 16.9
71 32.4 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.366 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

Tgt Ion:136 Resp: 791387
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 6.5 5.4 8.2
68 6.3 5.4 8.2

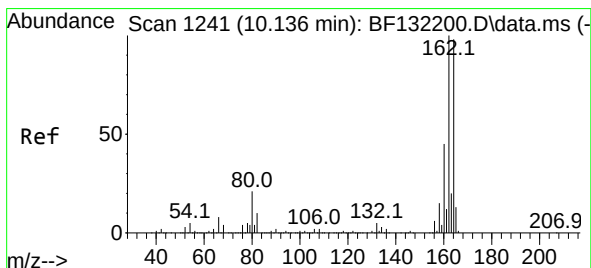
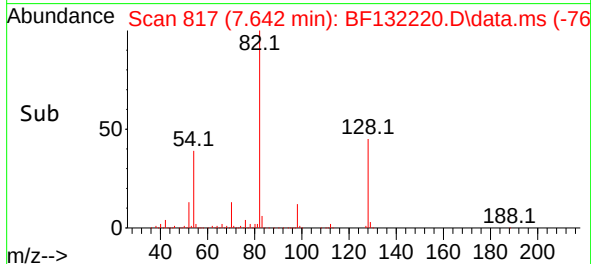
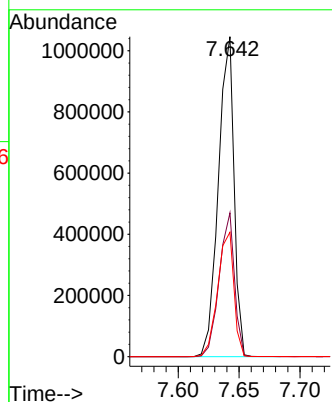
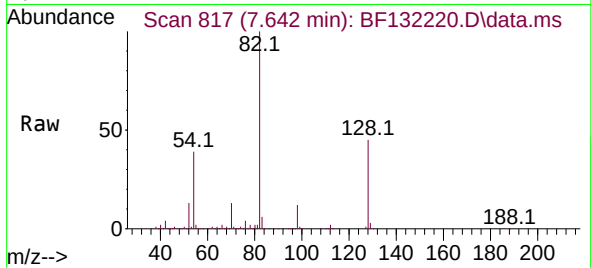




#23
Nitrobenzene-d5
Concen: 62.019 ng
RT: 7.642 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

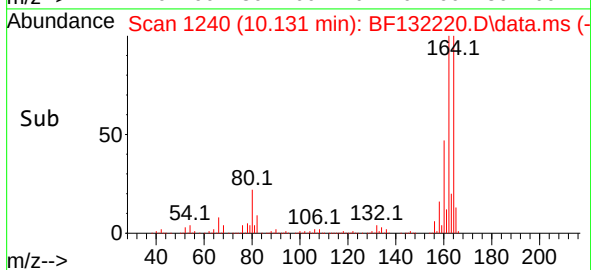
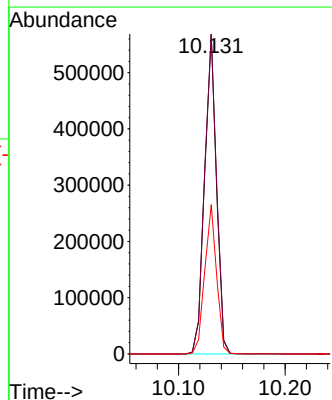
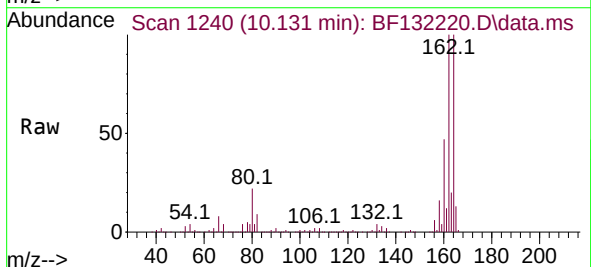
Instrument :
BNA_F
ClientSampleId :
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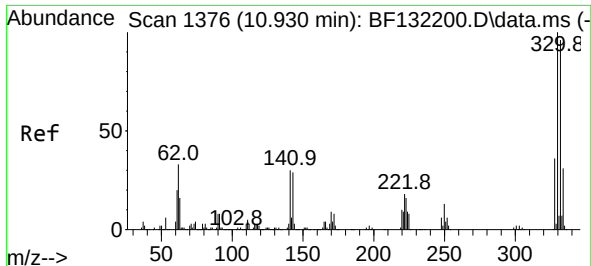
Tgt Ion: 82 Resp: 937503
Ion Ratio Lower Upper
82 100
128 44.9 32.7 49.1
54 38.9 33.3 49.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.131 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

Tgt Ion: 164 Resp: 435823
Ion Ratio Lower Upper
164 100
162 100.2 81.5 122.3
160 46.7 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 97.629 ng

RT: 10.925 min Scan# 1375

Delta R.T. -0.006 min

Lab File: BF132220.D

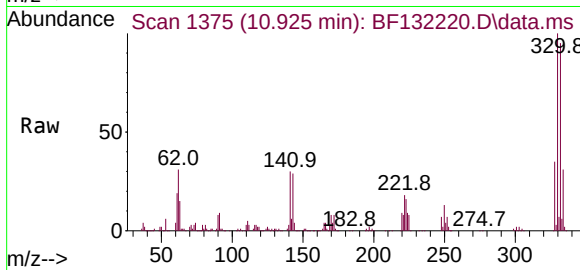
Acq: 30 Jan 2023 20:14

Instrument :

BNA_F

ClientSampleId :

COMP-8-BORING-2-21-28



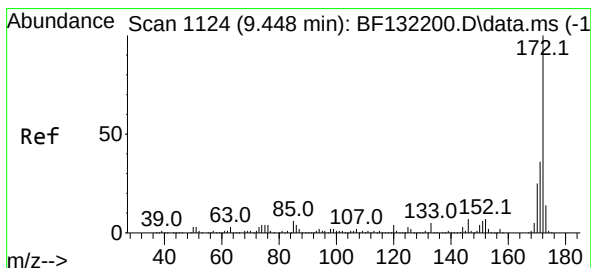
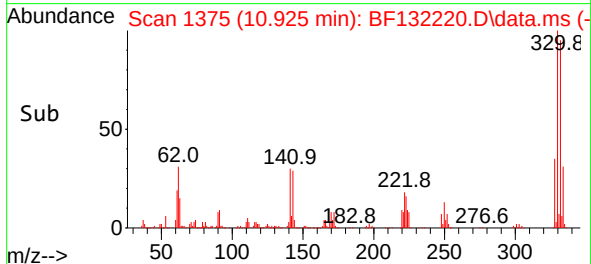
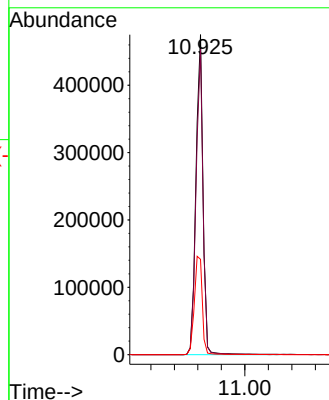
Tgt Ion:330 Resp: 393996

Ion Ratio Lower Upper

330 100

332 94.9 75.7 113.5

141 34.8 30.7 46.1



#45

2-Fluorobiphenyl

Concen: 55.789 ng

RT: 9.442 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF132220.D

Acq: 30 Jan 2023 20:14

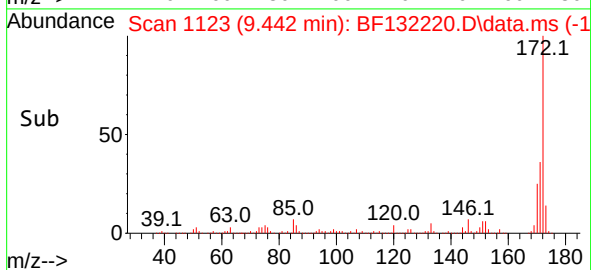
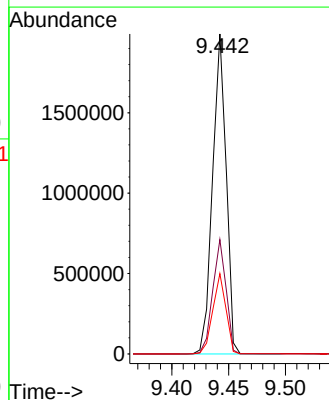
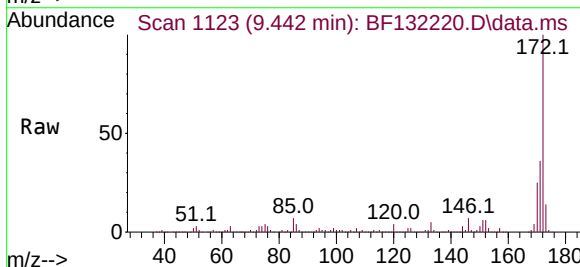
Tgt Ion:172 Resp: 1652406

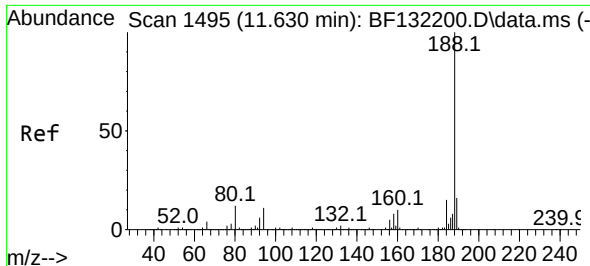
Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

170 25.1 20.2 30.4

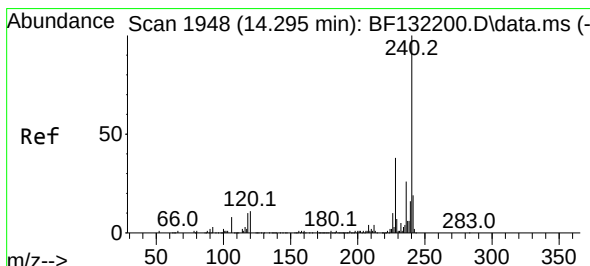
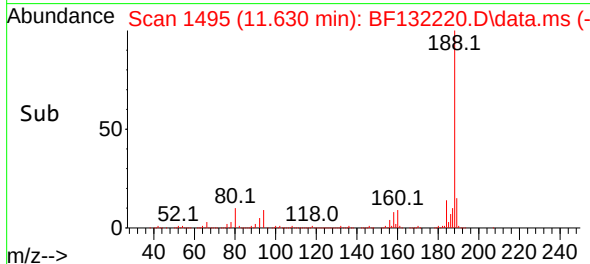
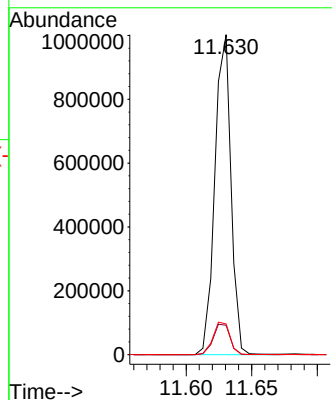
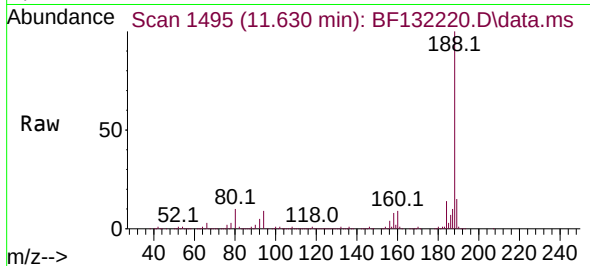




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.630 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

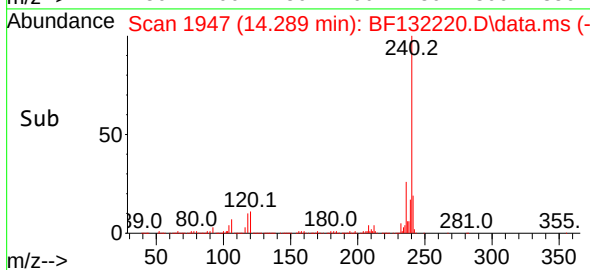
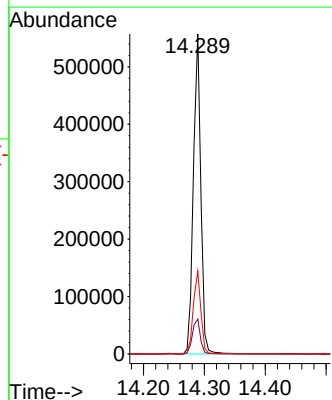
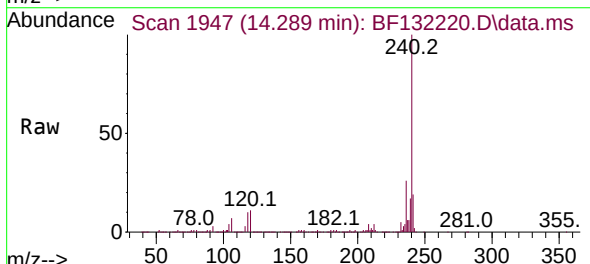
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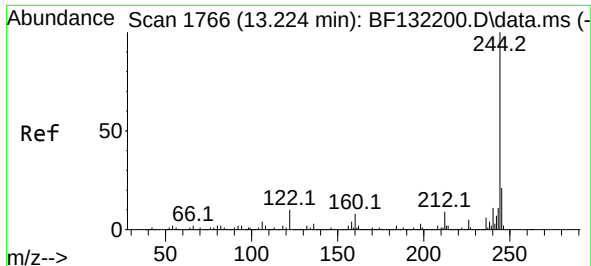
Tgt Ion:188 Resp: 858347
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 9.6 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.289 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BF132220.D
Acq: 30 Jan 2023 20:14

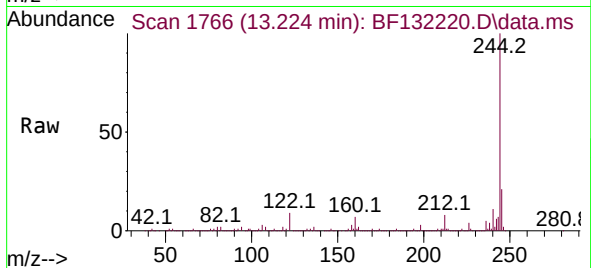
Tgt Ion:240 Resp: 473090
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.9 20.8 31.2



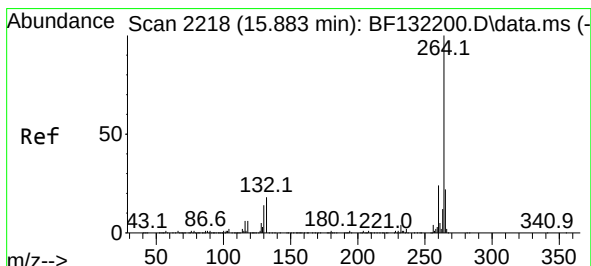
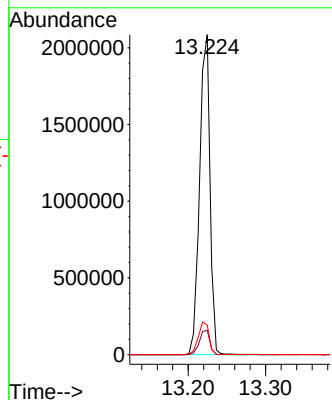
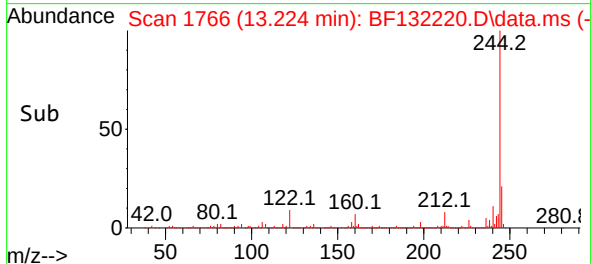


#79
 Terphenyl-d14
 Concen: 64.432 ng
 RT: 13.224 min Scan# 1766
 Delta R.T. 0.000 min
 Lab File: BF132220.D
 Acq: 30 Jan 2023 20:14

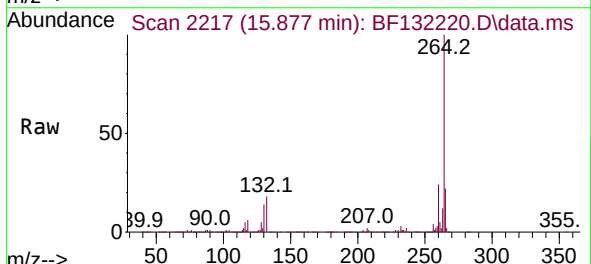
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Tgt Ion:244 Resp: 1940156
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.8 10.2
 122 9.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.877 min Scan# 2217
 Delta R.T. -0.006 min
 Lab File: BF132220.D
 Acq: 30 Jan 2023 20:14



Tgt Ion:264 Resp: 421932
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.5 17.4 26.2

