

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
 Data File : BF132215.D
 Acq On : 30 Jan 2023 17:28
 Operator : CG\JU
 Sample : 01318-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DR-1-012523

Quant Time: Jan 31 00:31:22 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	211983	20.000	ng	0.00
21) Naphthalene-d8	8.366	136	794756	20.000	ng	0.00
39) Acenaphthene-d10	10.131	164	430034	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	851245	20.000	ng	0.00
76) Chrysene-d12	14.289	240	497789	20.000	ng	0.00
86) Perylene-d12	15.877	264	409675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	1512101	118.682	ng	0.02
7) Phenol-d6	6.695	99	1735110	108.613	ng	0.00
23) Nitrobenzene-d5	7.642	82	1270818	83.712	ng	0.00
42) 2,4,6-Tribromophenol	10.925	330	633754	159.153	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	2253622	77.112	ng	0.00
79) Terphenyl-d14	13.224	244	2954649	93.254	ng	0.00

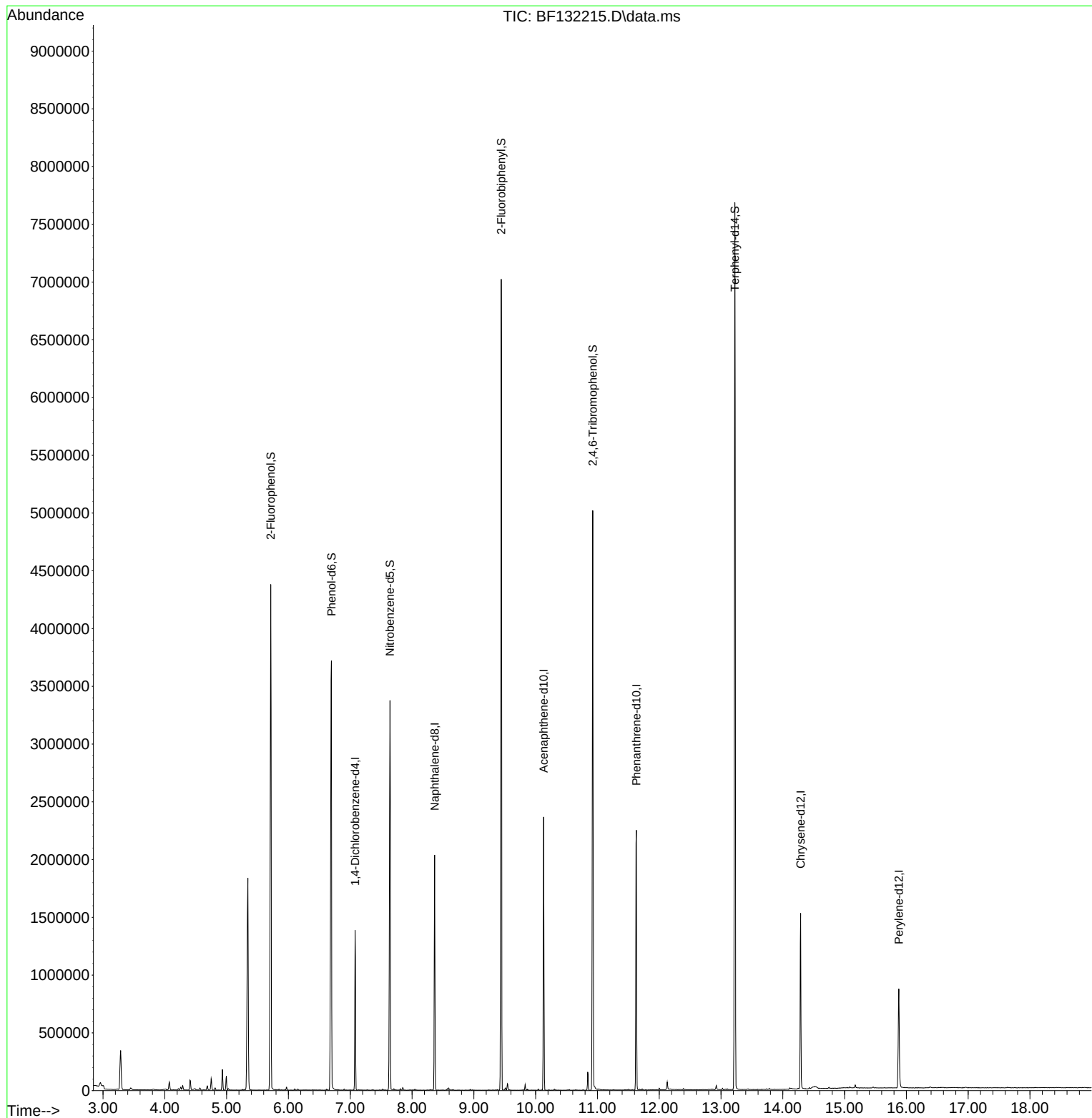
Target Compounds	Qvalue

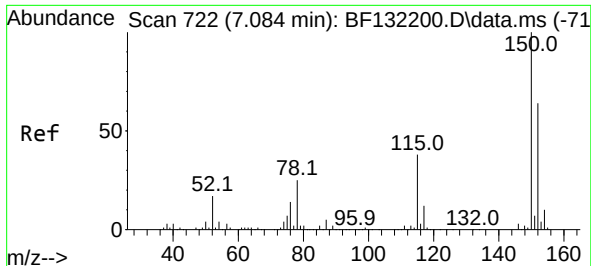
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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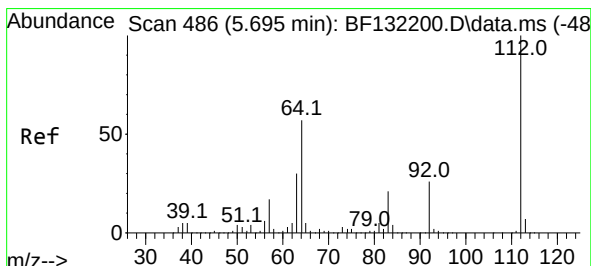
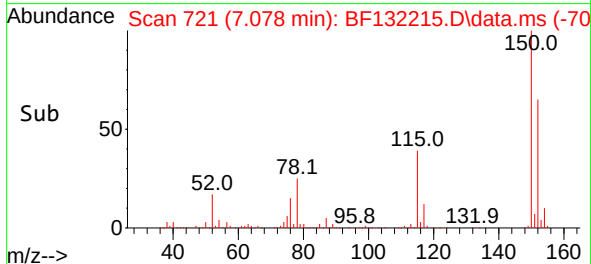
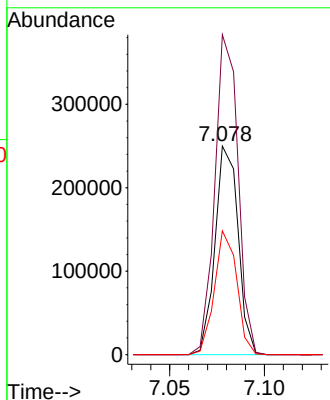
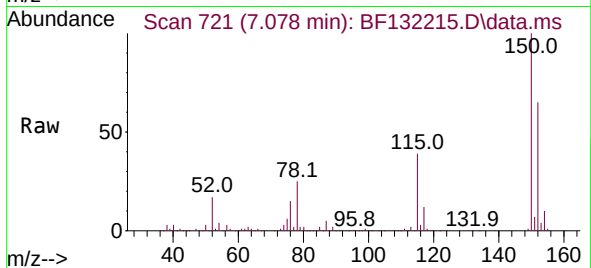




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.078 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132215.D
Acq: 30 Jan 2023 17:28

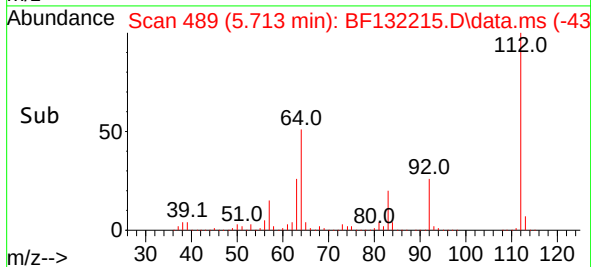
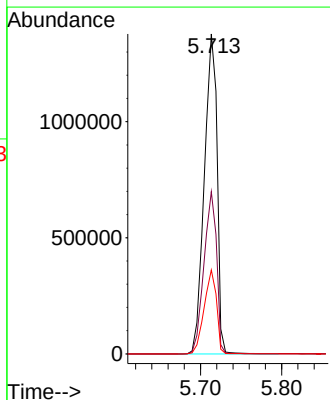
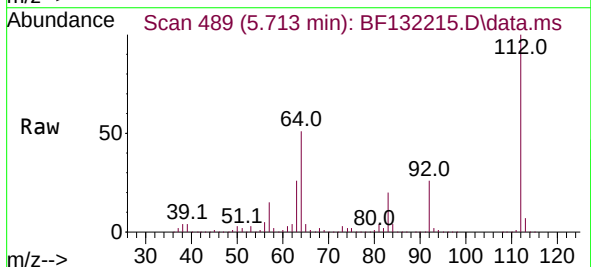
Instrument :
BNA_F
ClientSampleId :
DR-1-012523

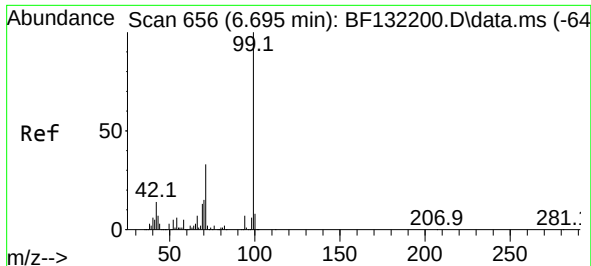
Tgt Ion:152 Resp: 211983
Ion Ratio Lower Upper
152 100
150 153.4 124.5 186.7
115 59.3 47.0 70.6



#5
2-Fluorophenol
Concen: 118.682 ng
RT: 5.713 min Scan# 489
Delta R.T. 0.018 min
Lab File: BF132215.D
Acq: 30 Jan 2023 17:28

Tgt Ion:112 Resp: 1512101
Ion Ratio Lower Upper
112 100
64 50.7 45.5 68.3
63 26.2 23.7 35.5

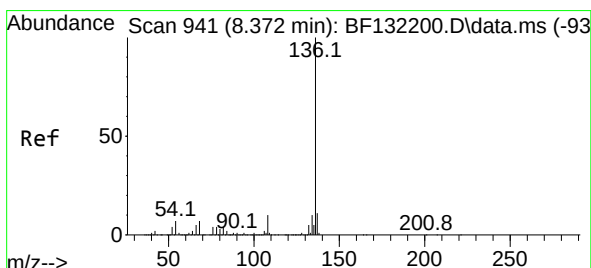
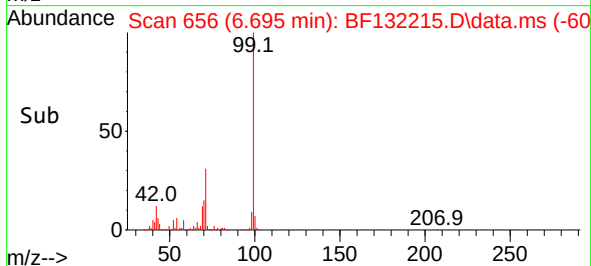
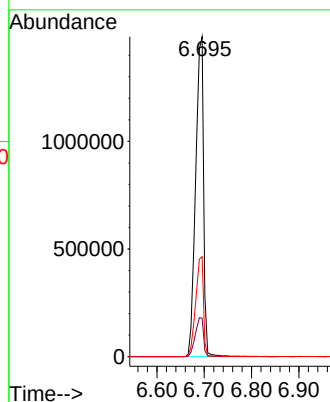
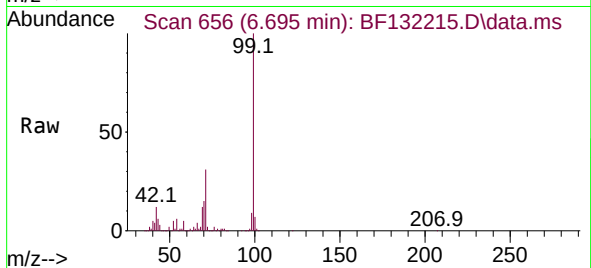




#7
Phenol-d6
Concen: 108.613 ng
RT: 6.695 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132215.D
Acq: 30 Jan 2023 17:28

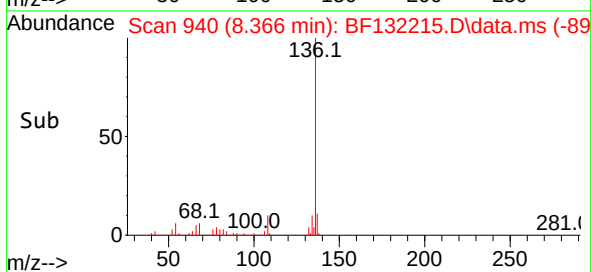
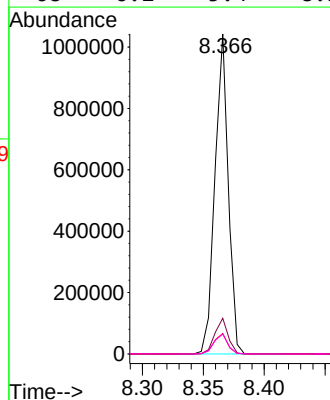
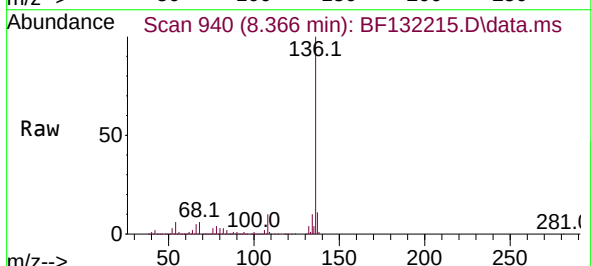
Instrument :
BNA_F
ClientSampleId :
DR-1-012523

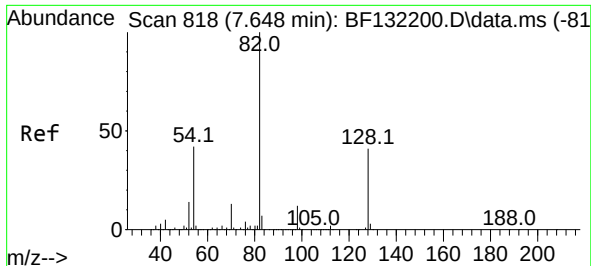
Tgt Ion: 99 Resp: 1735110
Ion Ratio Lower Upper
99 100
42 12.0 11.3 16.9
71 31.2 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.366 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF132215.D
Acq: 30 Jan 2023 17:28

Tgt Ion:136 Resp: 794756
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.4 5.4 8.2
68 6.2 5.4 8.2

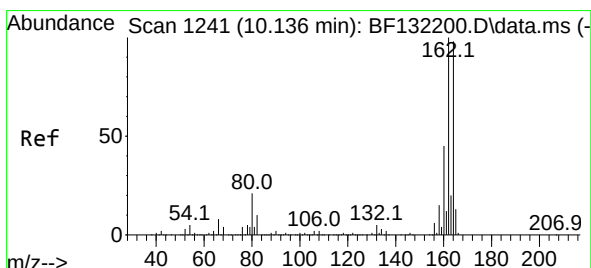
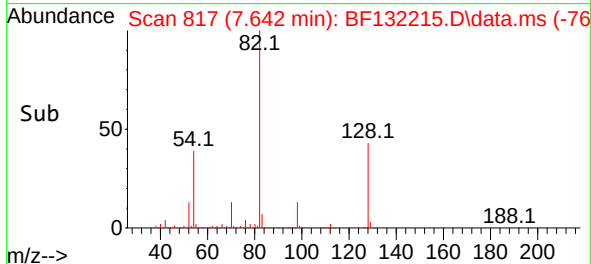
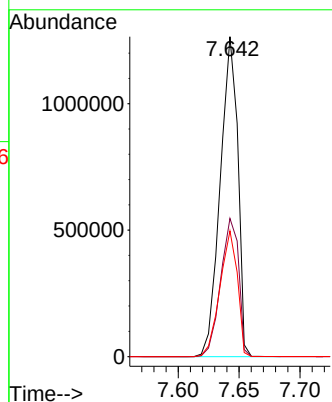
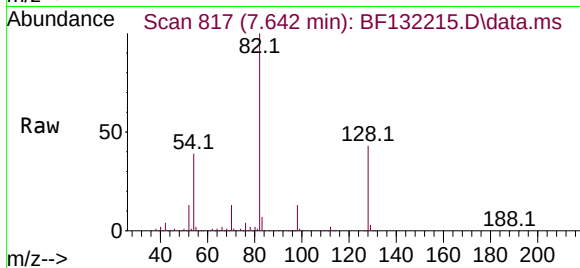




#23
Nitrobenzene-d5
Concen: 83.712 ng
RT: 7.642 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132215.D
Acq: 30 Jan 2023 17:28

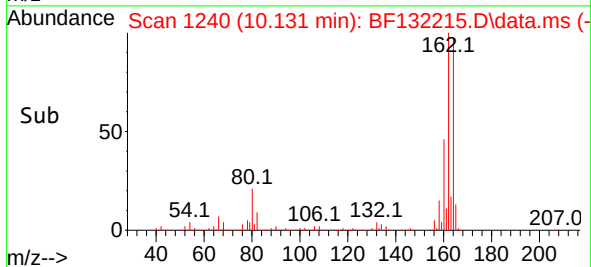
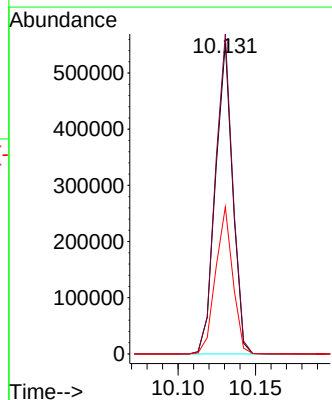
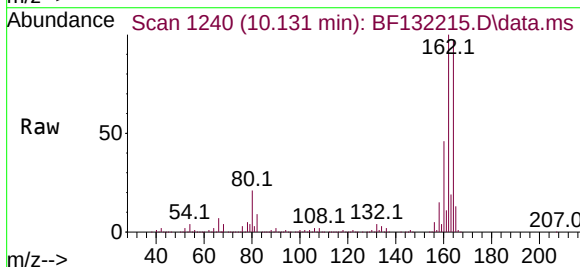
Instrument :
BNA_F
ClientSampleId :
DR-1-012523

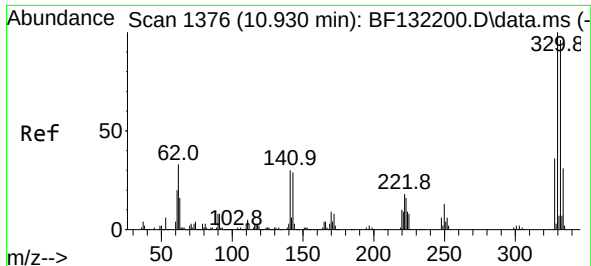
Tgt Ion: 82 Resp: 1270818
Ion Ratio Lower Upper
82 100
128 43.2 32.7 49.1
54 39.3 33.3 49.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.131 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BF132215.D
Acq: 30 Jan 2023 17:28

Tgt Ion:164 Resp: 430034
Ion Ratio Lower Upper
164 100
162 102.9 81.5 122.3
160 47.3 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 159.153 ng

RT: 10.925 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF132215.D

Acq: 30 Jan 2023 17:28

Instrument :

BNA_F

ClientSampleId :

DR-1-012523

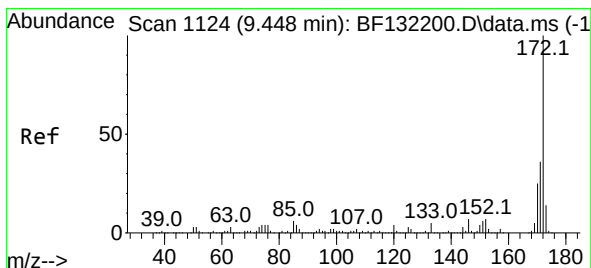
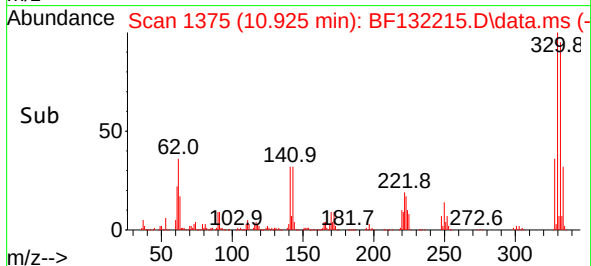
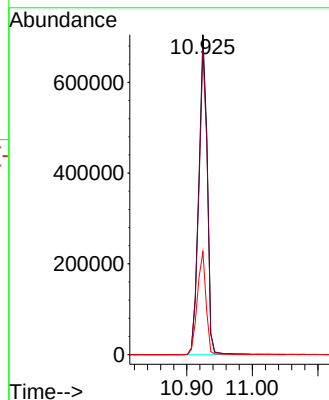
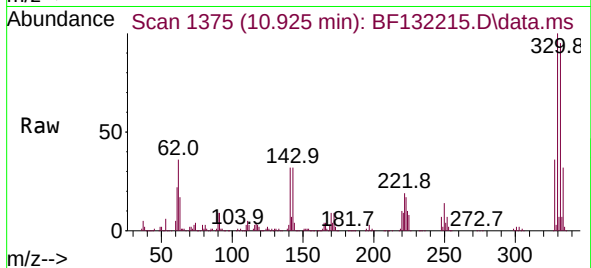
Tgt Ion:330 Resp: 633754

Ion Ratio Lower Upper

330 100

332 95.9 75.7 113.5

141 32.8 30.7 46.1



#45

2-Fluorobiphenyl

Concen: 77.112 ng

RT: 9.442 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF132215.D

Acq: 30 Jan 2023 17:28

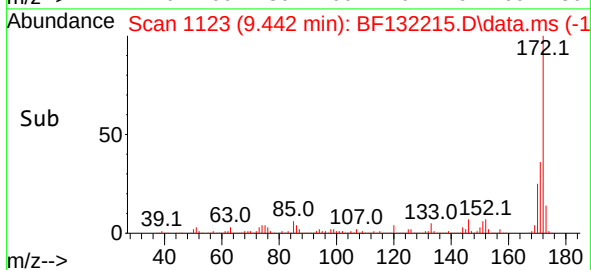
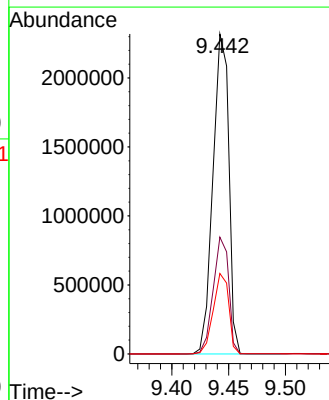
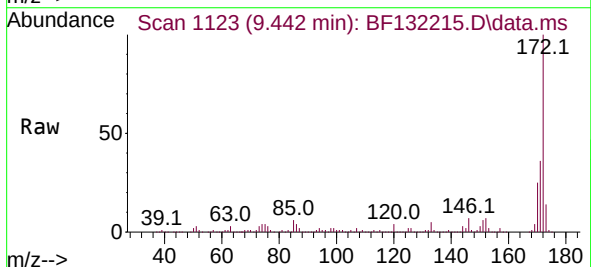
Tgt Ion:172 Resp: 2253622

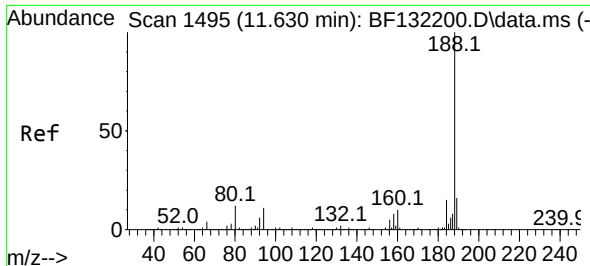
Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.6

170 25.1 20.2 30.4

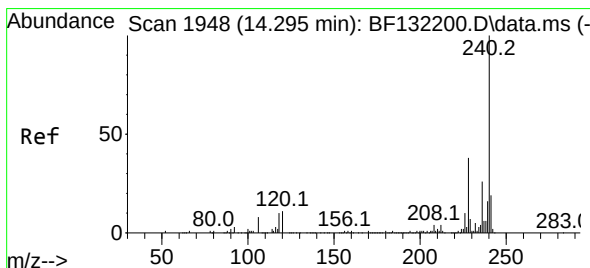
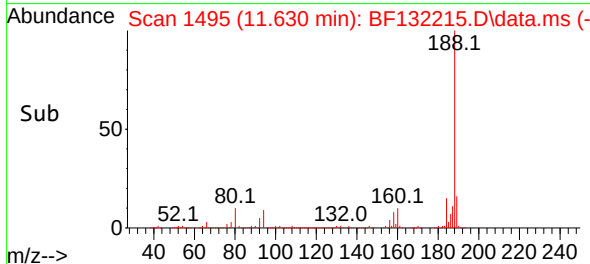
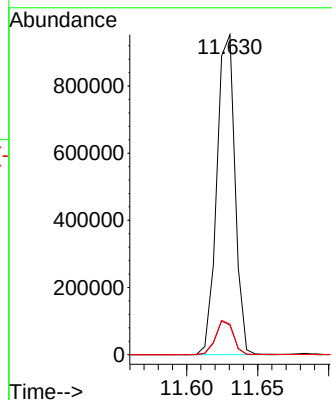
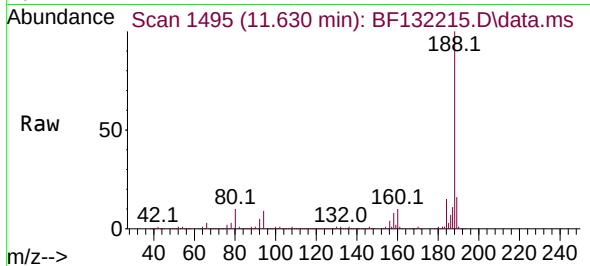




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.630 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF132215.D
Acq: 30 Jan 2023 17:28

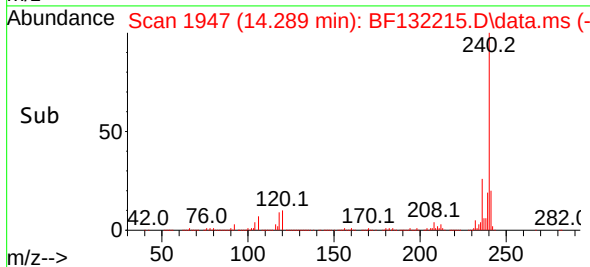
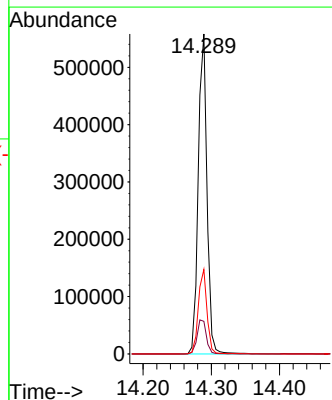
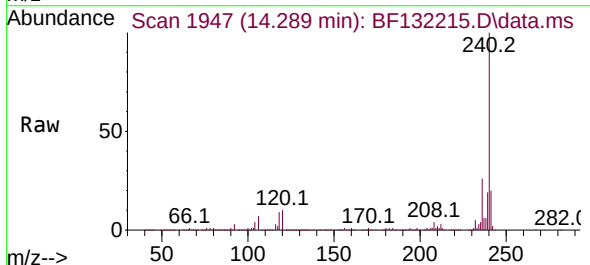
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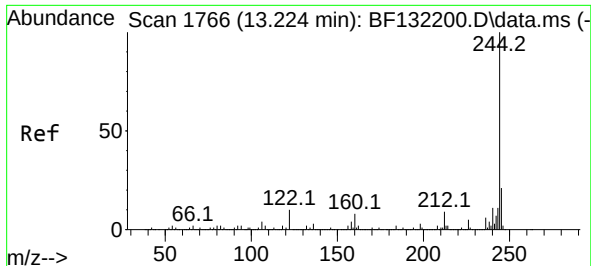
Tgt Ion:188 Resp: 851245
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 9.5 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.289 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BF132215.D
Acq: 30 Jan 2023 17:28

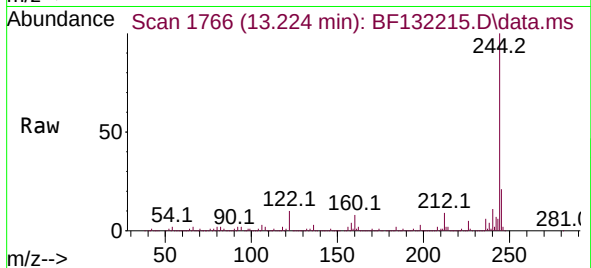
Tgt Ion:240 Resp: 497789
Ion Ratio Lower Upper
240 100
120 10.2 9.0 13.4
236 26.4 20.8 31.2



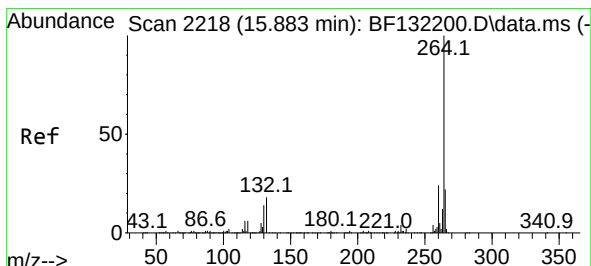
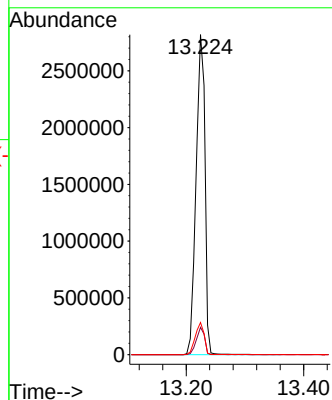
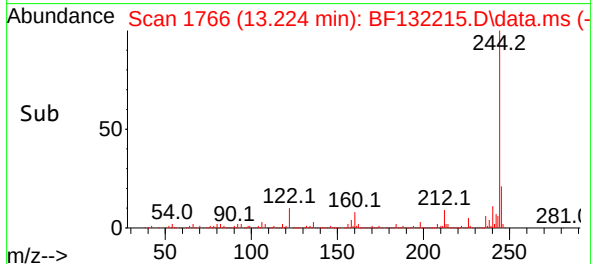


#79
 Terphenyl-d14
 Concen: 93.254 ng
 RT: 13.224 min Scan# 1766
 Delta R.T. 0.000 min
 Lab File: BF132215.D
 Acq: 30 Jan 2023 17:28

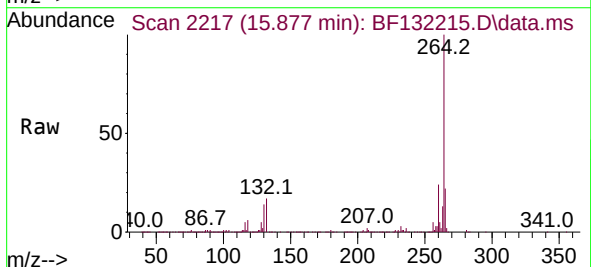
Instrument :
 BNA_F
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Tgt Ion:244 Resp: 2954649
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.8 10.2
 122 10.1 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.877 min Scan# 2217
 Delta R.T. -0.006 min
 Lab File: BF132215.D
 Acq: 30 Jan 2023 17:28



Tgt Ion:264 Resp: 409675
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 22.4 17.4 26.2

