

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
 Data File : BF132213.D
 Acq On : 30 Jan 2023 16:14
 Operator : CG\JU
 Sample : PB150541BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150541BL

Quant Time: Jan 31 00:30:44 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	254035	20.000	ng	0.00
21) Naphthalene-d8	8.366	136	936374	20.000	ng	0.00
39) Acenaphthene-d10	10.131	164	496549	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	935199	20.000	ng	0.00
76) Chrysene-d12	14.289	240	548313	20.000	ng	0.00
86) Perylene-d12	15.877	264	420131	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	1877586	122.973	ng	0.02
7) Phenol-d6	6.696	99	2348507	122.674	ng	0.00
23) Nitrobenzene-d5	7.648	82	1500292	83.881	ng	0.00
42) 2,4,6-Tribromophenol	10.925	330	620045	134.852	ng	0.00
45) 2-Fluorobiphenyl	9.448	172	2525259	74.832	ng	0.00
79) Terphenyl-d14	13.224	244	2975171	85.250	ng	0.00

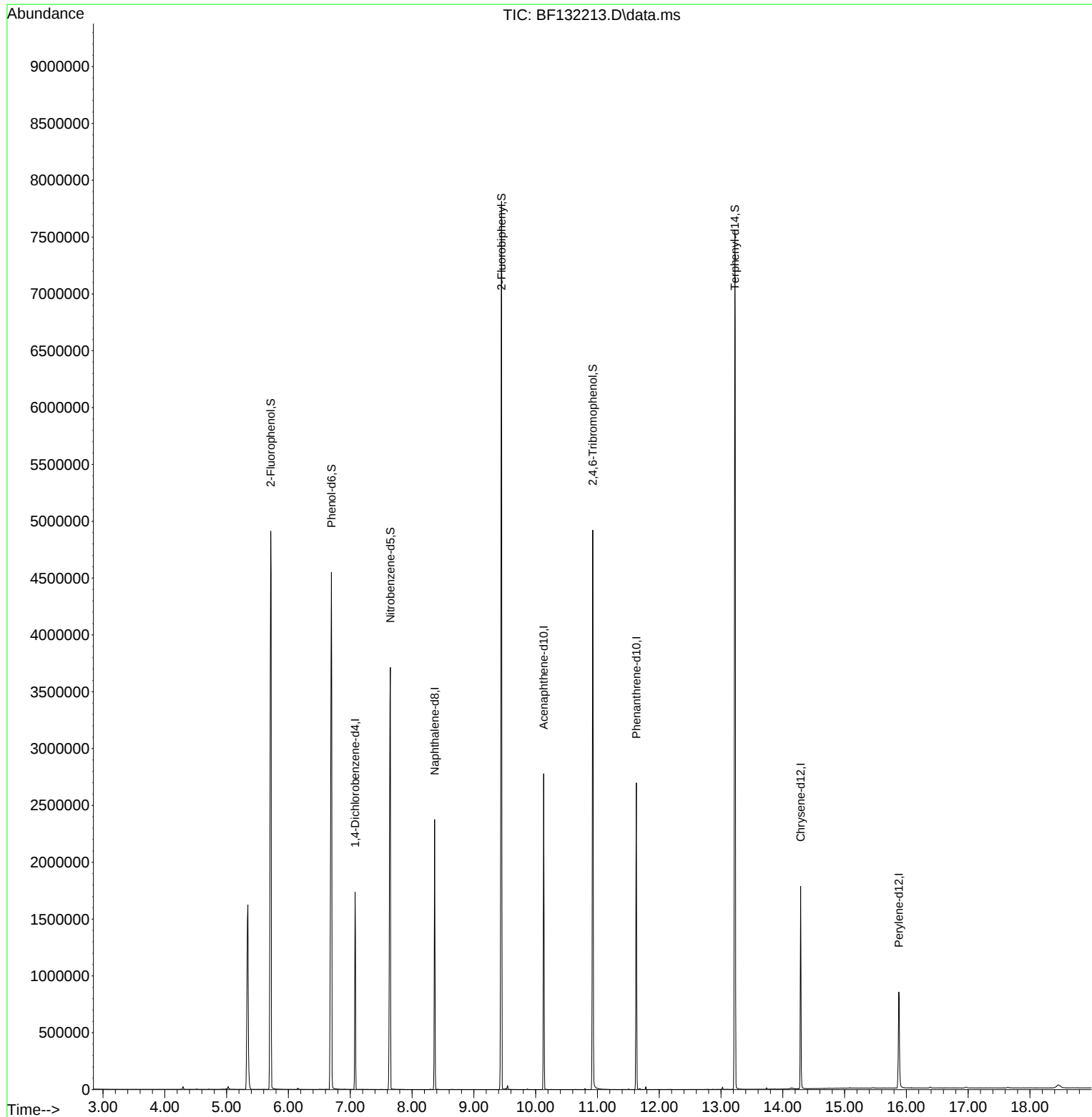
Target Compounds	Qvalue

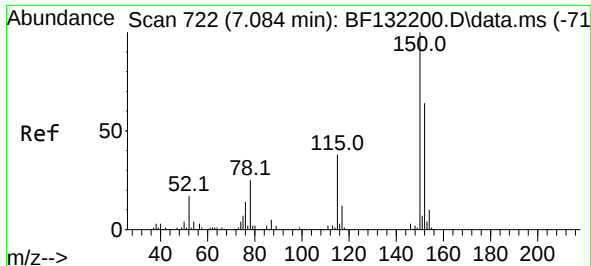
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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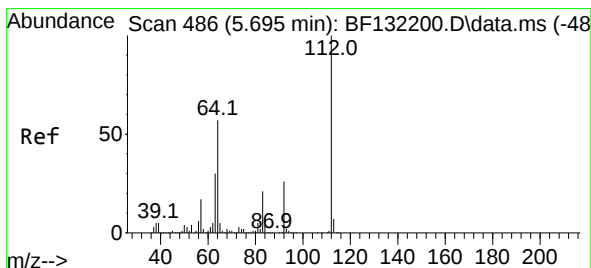
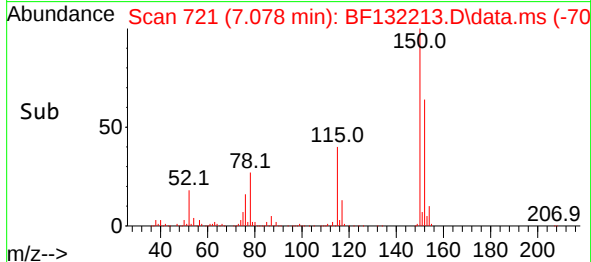
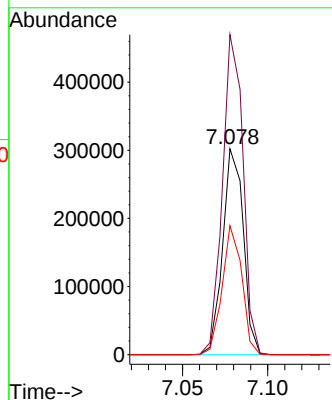
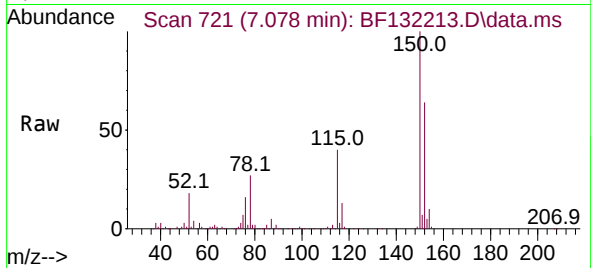




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.078 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132213.D
 Acq: 30 Jan 2023 16:14

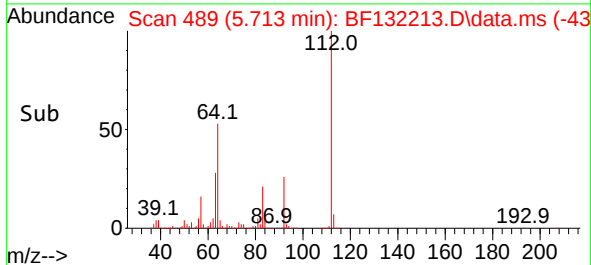
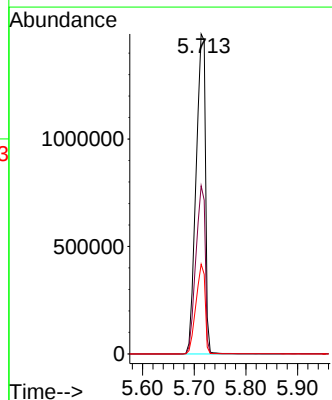
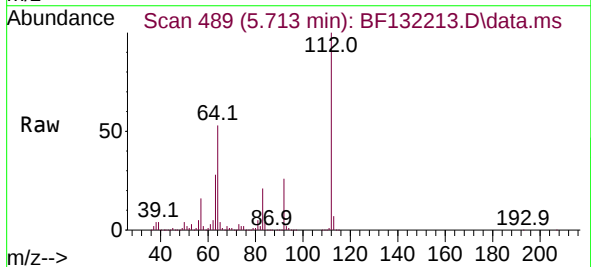
Instrument :
 BNA_F
 ClientSampleId :
 PB150541BL

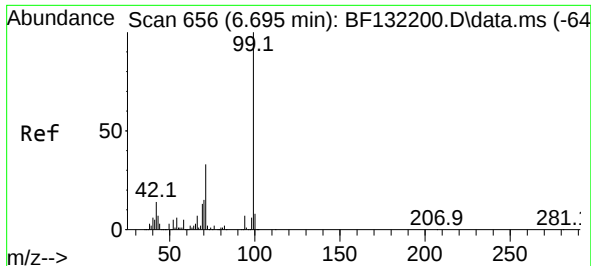
Tgt Ion:152 Resp: 254035
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.5 186.7
 115 62.6 47.0 70.6



#5
 2-Fluorophenol
 Concen: 122.973 ng
 RT: 5.713 min Scan# 489
 Delta R.T. 0.018 min
 Lab File: BF132213.D
 Acq: 30 Jan 2023 16:14

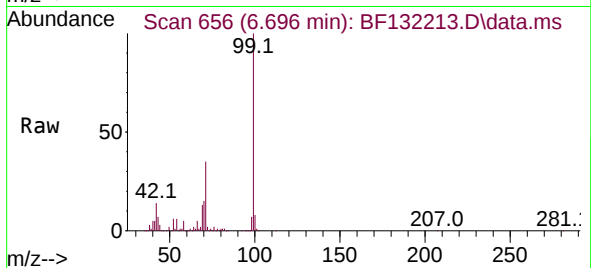
Tgt Ion:112 Resp: 1877586
 Ion Ratio Lower Upper
 112 100
 64 52.5 45.5 68.3
 63 28.0 23.7 35.5





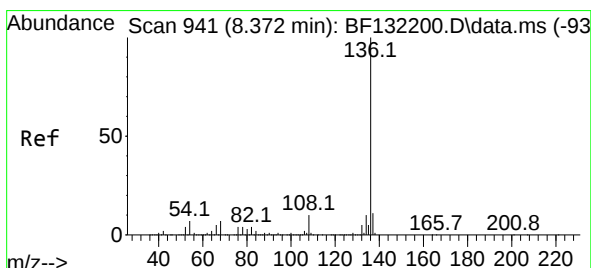
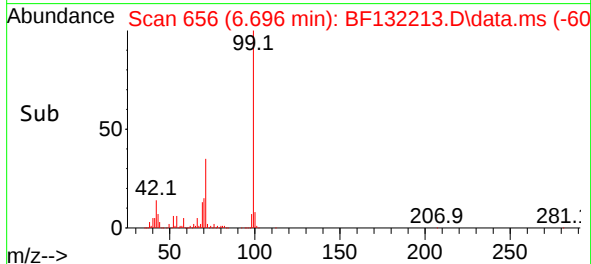
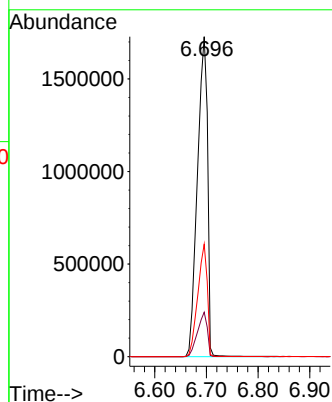
#7
Phenol-d6
Concen: 122.674 ng
RT: 6.696 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132213.D
Acq: 30 Jan 2023 16:14

Instrument :
BNA_F
ClientSampleId :
PB150541BL



Tgt Ion: 99 Resp: 2348507

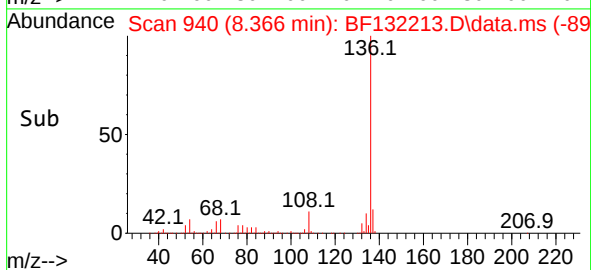
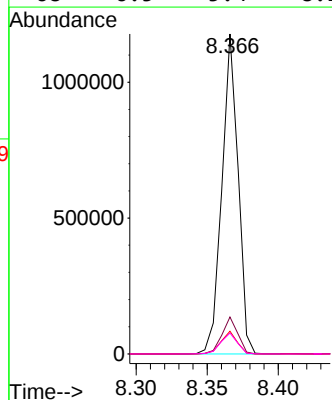
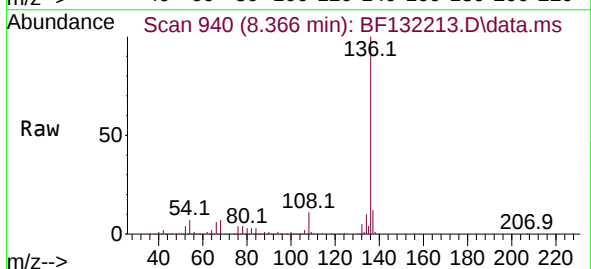
Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.3	16.9
71	35.1	26.3	39.5

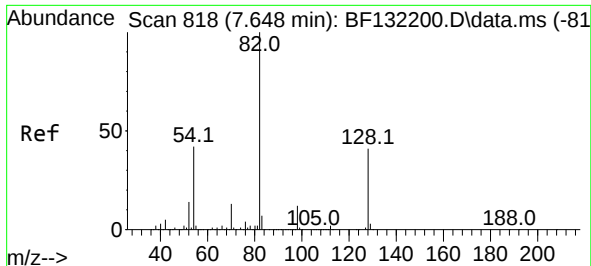


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.366 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF132213.D
Acq: 30 Jan 2023 16:14

Tgt Ion: 136 Resp: 936374

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	7.1	5.4	8.2
68	6.5	5.4	8.2

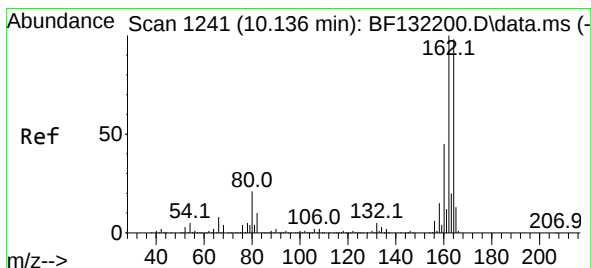
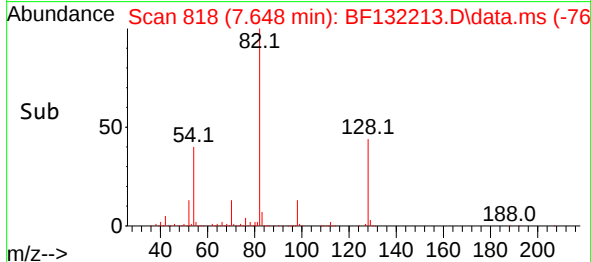
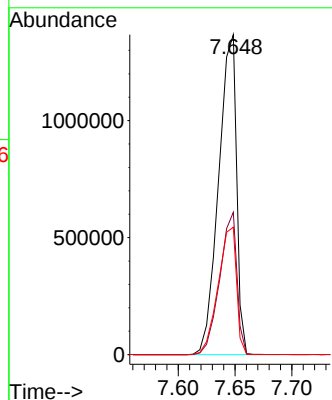
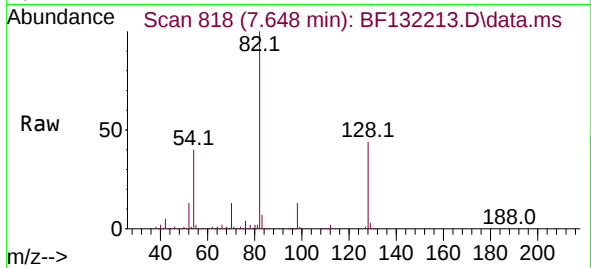




#23
Nitrobenzene-d5
Concen: 83.881 ng
RT: 7.648 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132213.D
Acq: 30 Jan 2023 16:14

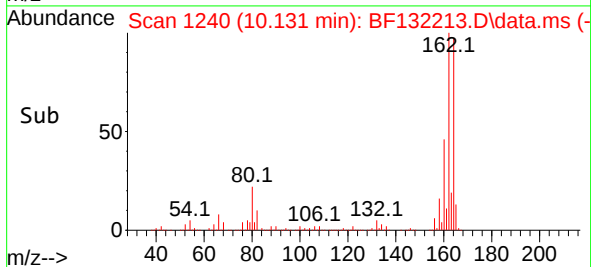
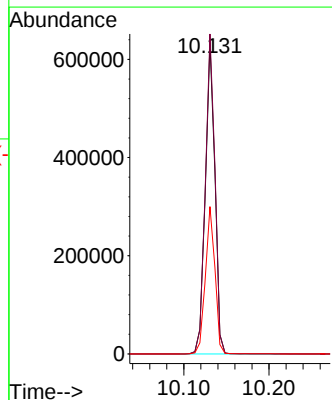
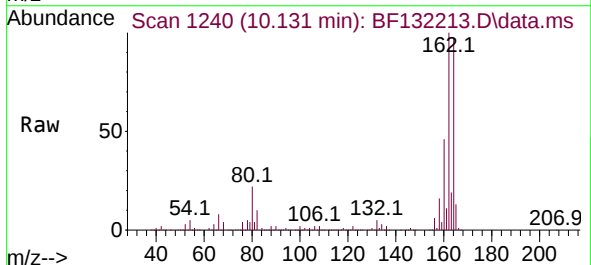
Instrument :
BNA_F
ClientSampleId :
PB150541BL

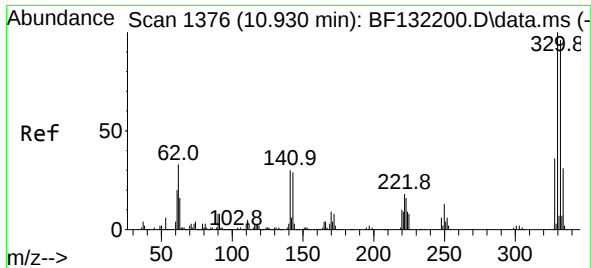
Tgt Ion: 82 Resp: 1500292
Ion Ratio Lower Upper
82 100
128 44.5 32.7 49.1
54 39.8 33.3 49.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.131 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BF132213.D
Acq: 30 Jan 2023 16:14

Tgt Ion:164 Resp: 496549
Ion Ratio Lower Upper
164 100
162 102.9 81.5 122.3
160 47.4 37.0 55.4

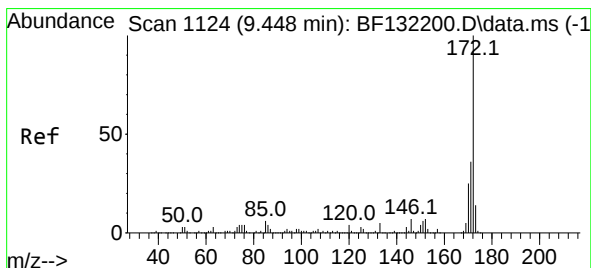
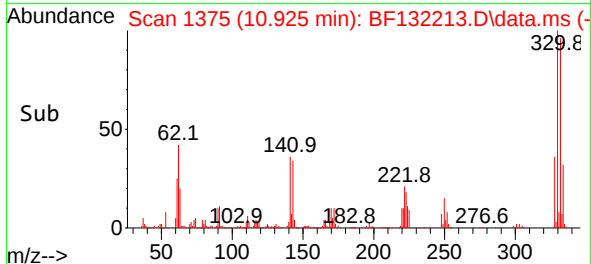
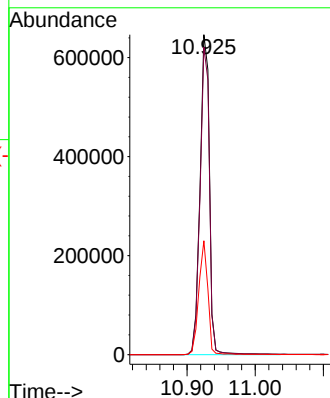
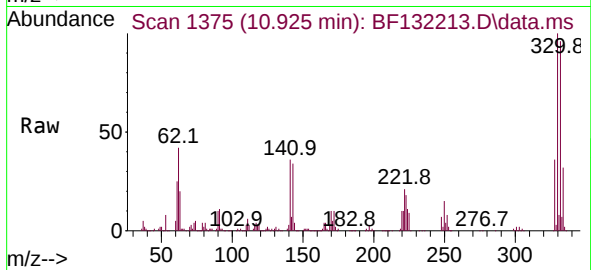




#42
 2,4,6-Tribromophenol
 Concen: 134.852 ng
 RT: 10.925 min Scan# 1375
 Delta R.T. -0.006 min
 Lab File: BF132213.D
 Acq: 30 Jan 2023 16:14

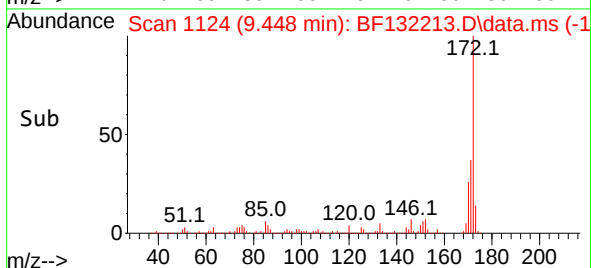
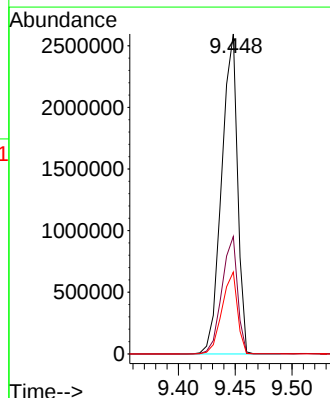
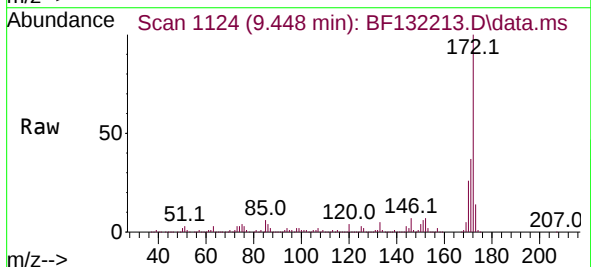
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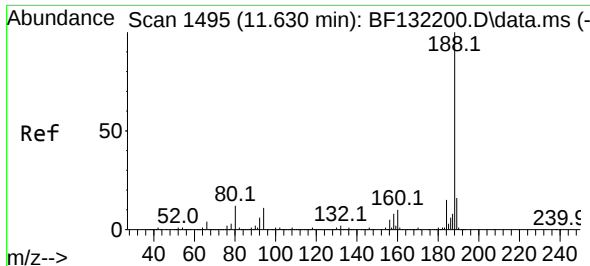
Tgt Ion:330 Resp: 620045
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.7 113.5
 141 34.2 30.7 46.1



#45
 2-Fluorobiphenyl
 Concen: 74.832 ng
 RT: 9.448 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF132213.D
 Acq: 30 Jan 2023 16:14

Tgt Ion:172 Resp: 2525259
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.6
 170 25.6 20.2 30.4

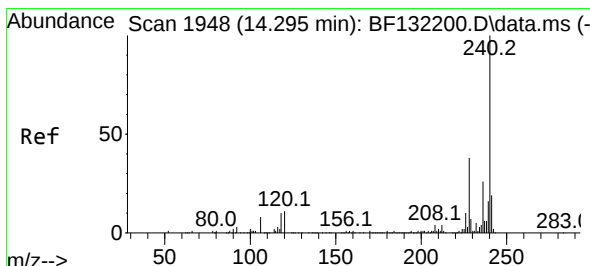
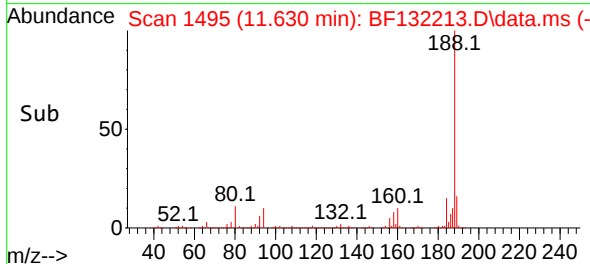
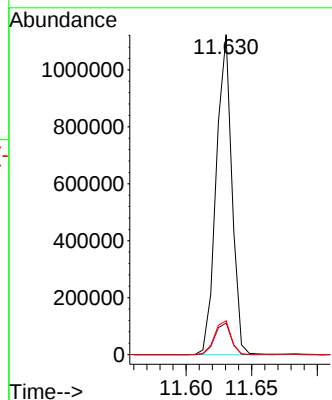
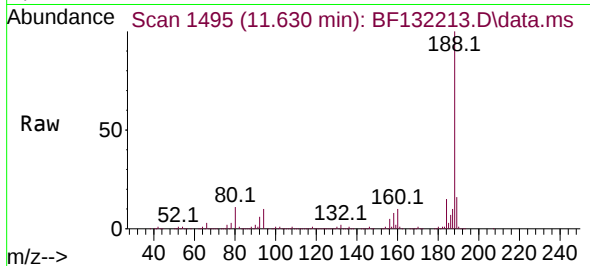




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.630 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF132213.D
Acq: 30 Jan 2023 16:14

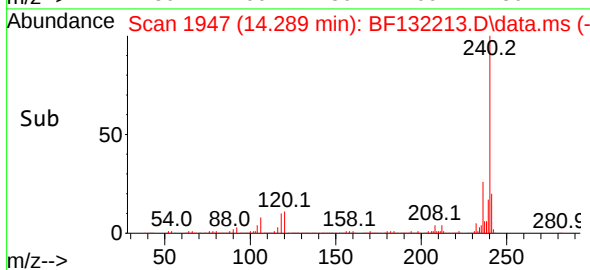
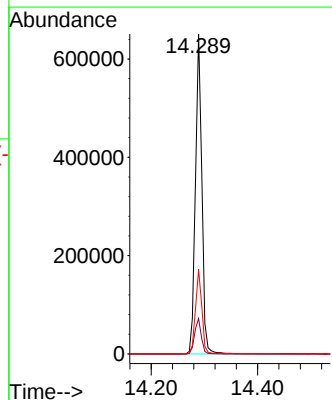
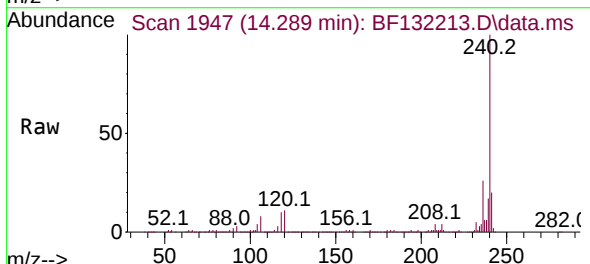
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PB150541BL

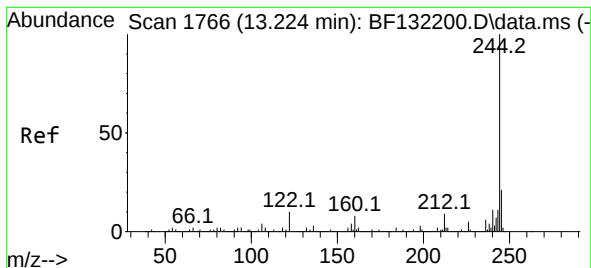
Tgt Ion:188 Resp: 935199
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.6 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.289 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BF132213.D
Acq: 30 Jan 2023 16:14

Tgt Ion:240 Resp: 548313
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.4
236 26.4 20.8 31.2





#79

Terphenyl-d14

Concen: 85.250 ng

RT: 13.224 min Scan# 1766

Delta R.T. 0.000 min

Lab File: BF132213.D

Acq: 30 Jan 2023 16:14

Instrument :

BNA_F

ClientSampleId :

PB150541BL

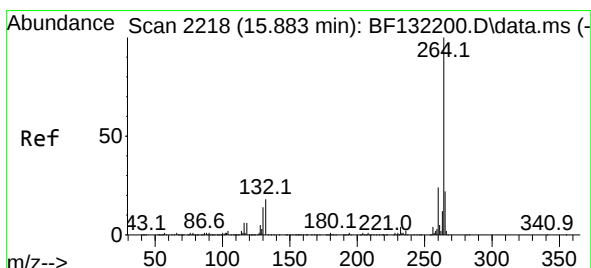
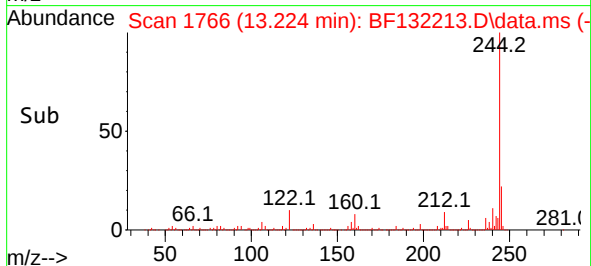
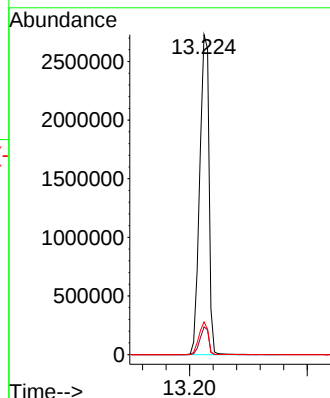
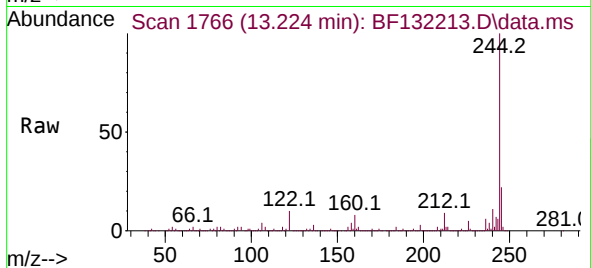
Tgt Ion:244 Resp: 2975171

Ion Ratio Lower Upper

244 100

212 8.7 6.8 10.2

122 10.2 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: BF132213.D

Acq: 30 Jan 2023 16:14

Tgt Ion:264 Resp: 420131

Ion Ratio Lower Upper

264 100

260 23.0 18.8 28.2

265 22.1 17.4 26.2

