

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
 Data File : BP008822.D
 Acq On : 17 Jan 2022 14:14
 Operator : CG/JU
 Sample : N1143-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WEST-BOILER-ROOM-NORTH-SIDEWALL

Quant Time: Jan 17 14:50:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 14 18:05:00 2022
 Response via : Initial Calibration

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

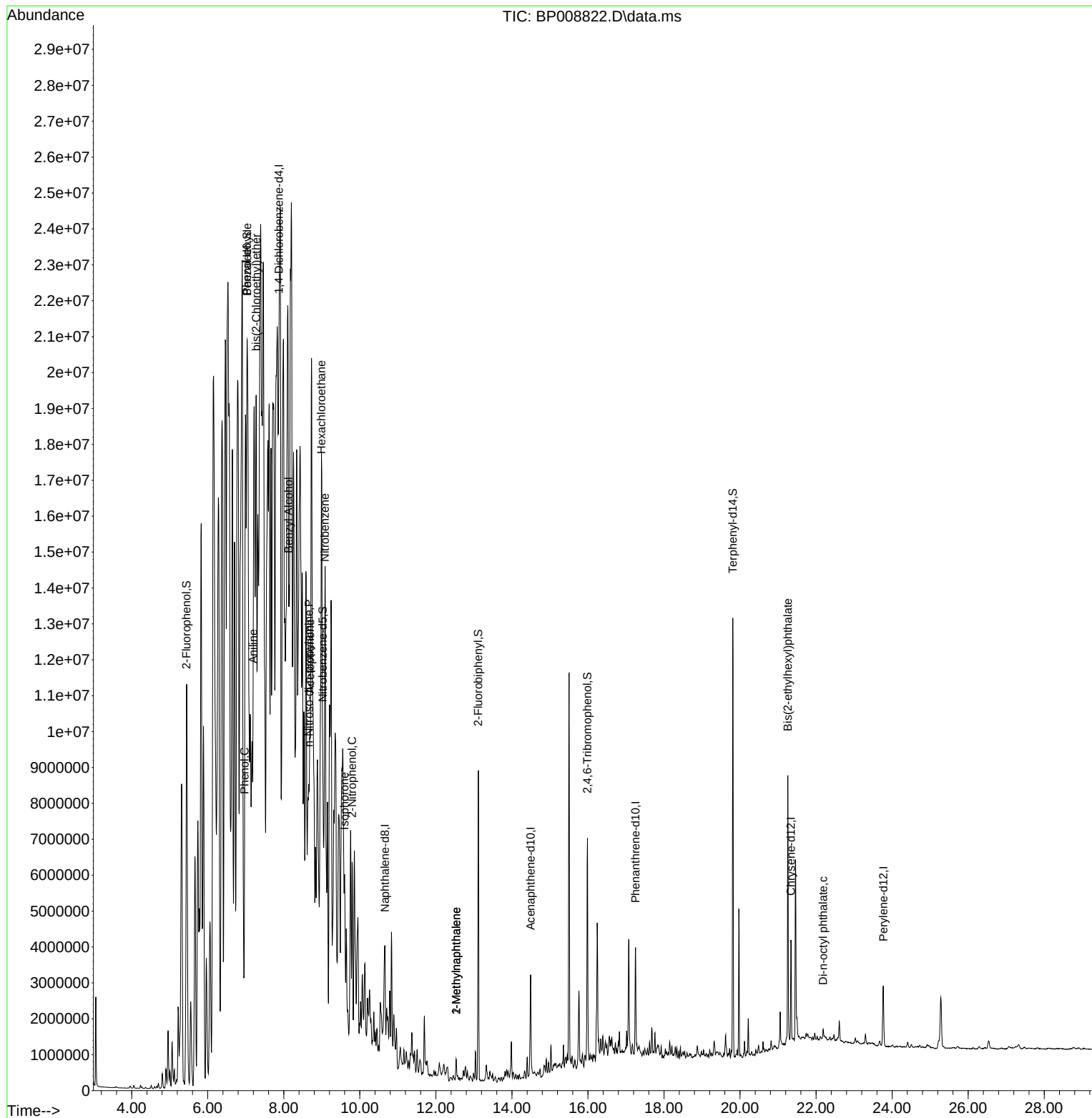
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	294587	20.000	ng	0.02
21) Naphthalene-d8	10.663	136	1493097	20.000	ng	# 0.00
39) Acenaphthene-d10	14.492	164	974664	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	1863260	20.000	ng	0.00
76) Chrysene-d12	21.339	240	1416808	20.000	ng	0.00
86) Perylene-d12	23.768	264	1321283	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	2188469	114.882	ng	0.00
7) Phenol-d6	7.034	99	1872520	81.174	ng	0.00
23) Nitrobenzene-d5	9.022	82	2088497	79.413	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	1357906	95.713	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	4586725	62.059	ng	0.00
79) Terphenyl-d14	19.810	244	5821125	69.351	ng	0.00
Target Compounds						
						Qvalue
6) Aniline	7.193	93	150039	5.211	ng	# 1
9) Benzaldehyde	7.040	77	416734	27.030	ng	# 28
10) Phenol	6.969	94	150840	6.414	ng	69
11) bis(2-Chloroethyl)ether	7.275	93	102932	5.501	ng	# 1
15) Benzyl Alcohol	8.128	79	82063	5.071	ng	# 60
18) Hexachloroethane	8.987	117	615203	74.022	ng	# 1
19) n-Nitroso-di-n-propyla...	8.663	70	133925	9.932	ng	# 80
22) Acetophenone	8.693	105	128914	3.389	ng	# 1
24) Nitrobenzene	9.081	77	194559	7.324	ng	# 62
25) Isophorone	9.599	82	471179	9.914	ng	# 1
26) 2-Nitrophenol	9.799	139	44425	3.181	ng	# 1
37) 2-Methylnaphthalene	12.534	142	238999	4.031	ng	# 94
38) 1-Methylnaphthalene	12.534	142	238999	4.392	ng	# 99
84) Bis(2-ethylhexyl)phtha...	21.257	149	2995600	48.652	ng	96
85) Di-n-octyl phthalate	22.186	149	260406	2.500	ng	# 94

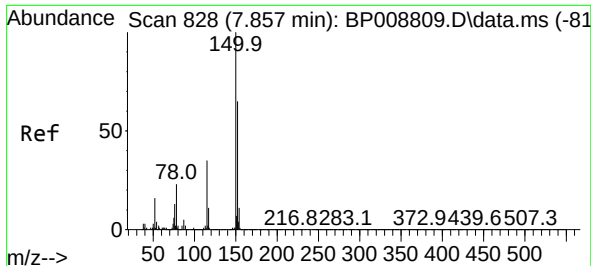
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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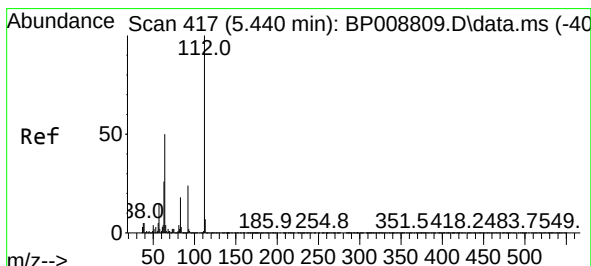
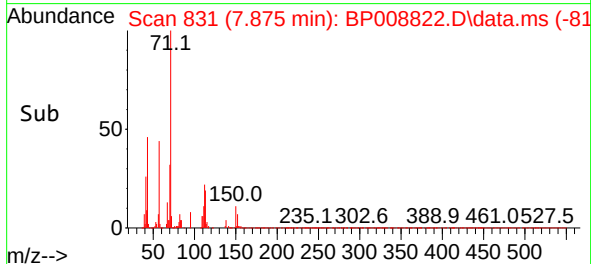
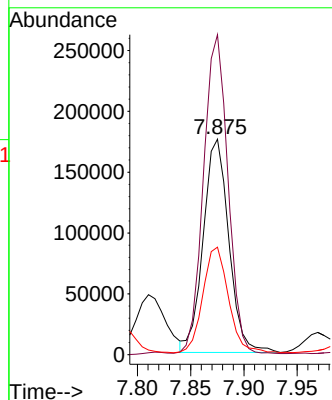
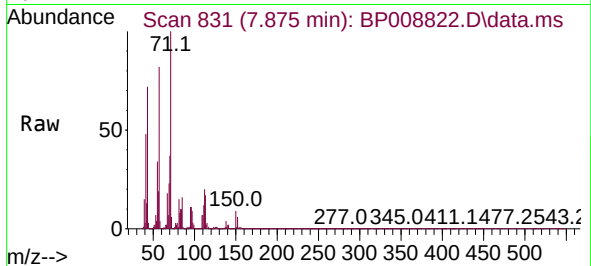




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 81
Delta R.T. 0.018 min
Lab File: BP008822.D
Acq: 17 Jan 2022 14:14

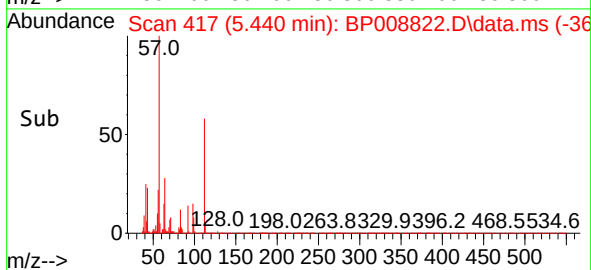
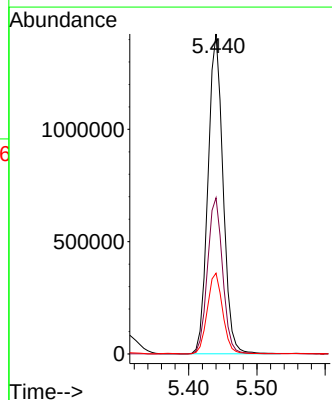
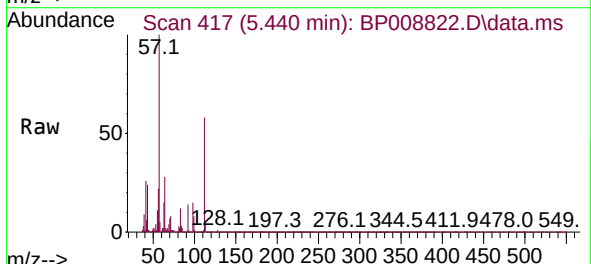
Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-NORTH-SIDEWALL

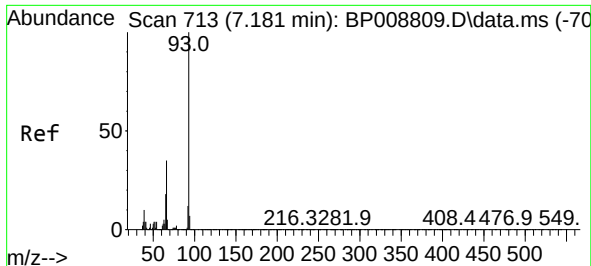
Tgt Ion:152 Resp: 294587
Ion Ratio Lower Upper
152 100
150 148.5 127.0 190.6
115 49.9 43.7 65.5



#5
2-Fluorophenol
Concen: 114.882 ng
RT: 5.440 min Scan# 417
Delta R.T. 0.000 min
Lab File: BP008822.D
Acq: 17 Jan 2022 14:14

Tgt Ion:112 Resp: 2188469
Ion Ratio Lower Upper
112 100
64 48.8 39.7 59.5
63 25.2 20.0 30.0





#6

Aniline

Concen: 5.211 ng

RT: 7.193 min Scan# 713

Delta R.T. 0.012 min

Lab File: BP008822.D

Acq: 17 Jan 2022 14:14

Instrument :

BNA_P

ClientSampleId :

WEST-BOILER-ROOM-NORTH-SIDEWALL

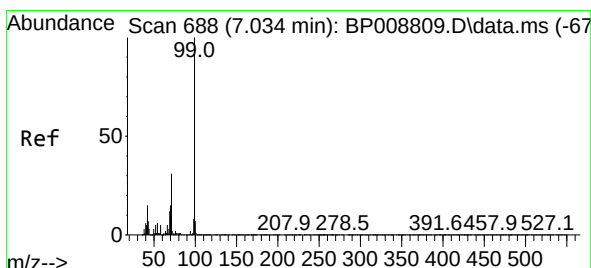
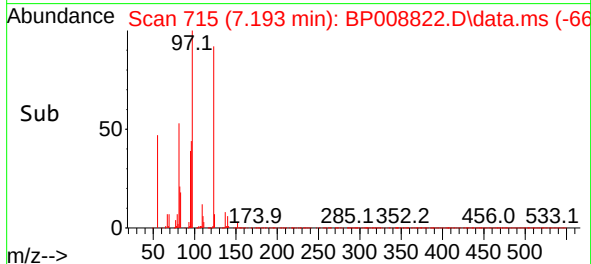
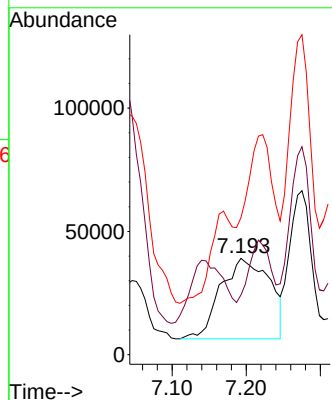
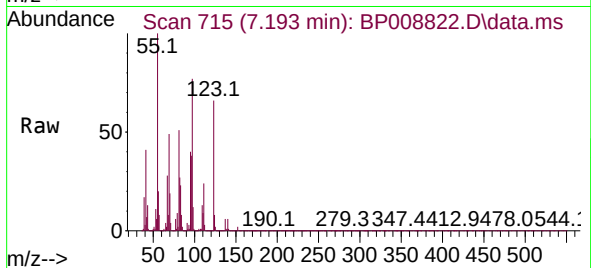
Tgt Ion: 93 Resp: 150039

Ion Ratio Lower Upper

93 100

66 62.1 27.8 41.6#

65 142.4 14.0 21.0#



#7

Phenol-d6

Concen: 81.174 ng

RT: 7.034 min Scan# 688

Delta R.T. 0.000 min

Lab File: BP008822.D

Acq: 17 Jan 2022 14:14

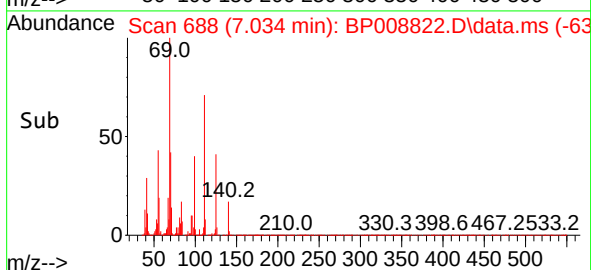
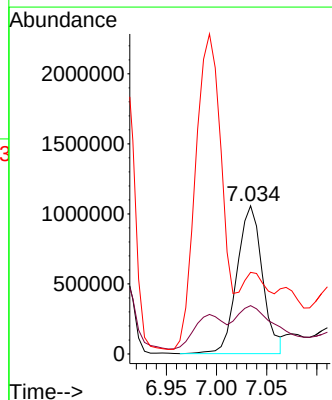
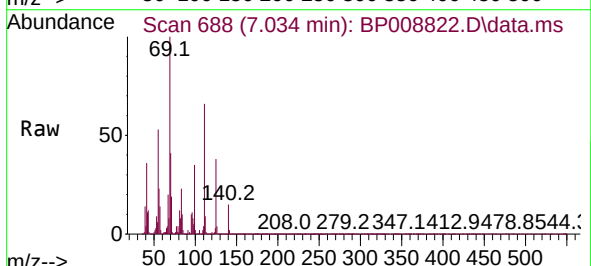
Tgt Ion: 99 Resp: 1872520

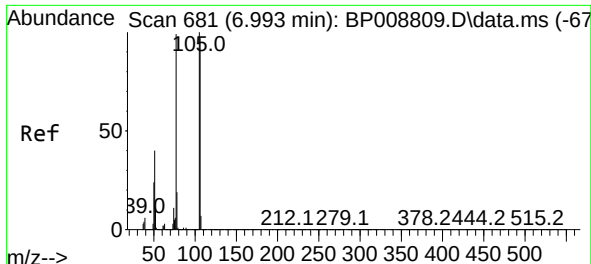
Ion Ratio Lower Upper

99 100

42 32.7 10.8 16.2#

71 55.1 23.8 35.6#

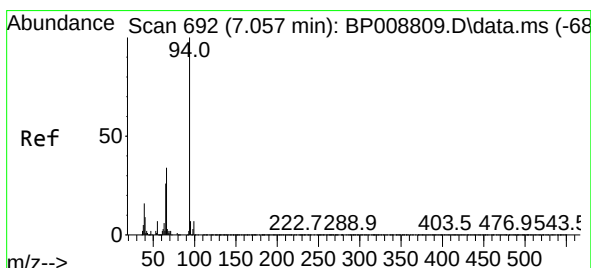
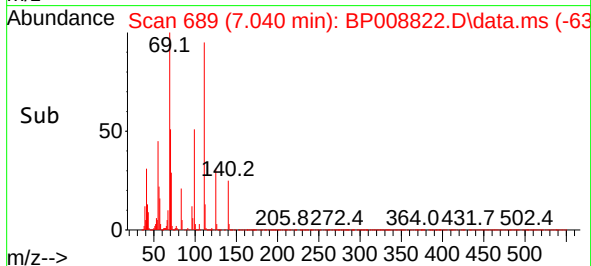
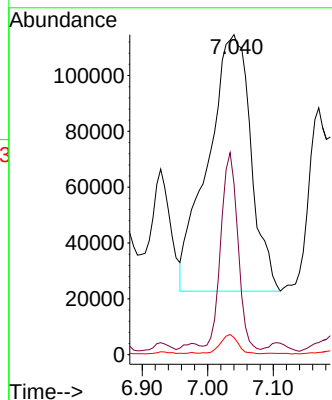
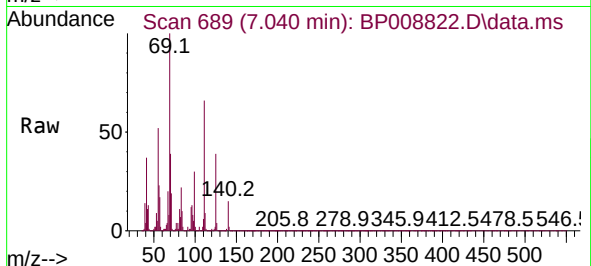




#9
Benzaldehyde
Concen: 27.030 ng
RT: 7.040 min Scan# 61
Delta R.T. 0.047 min
Lab File: BP008822.D
Acq: 17 Jan 2022 14:14

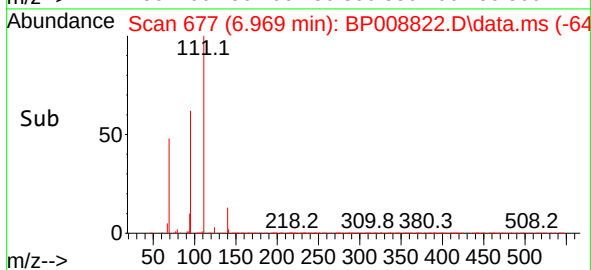
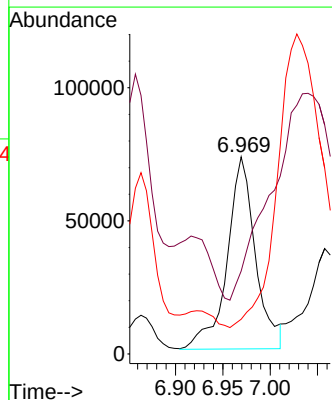
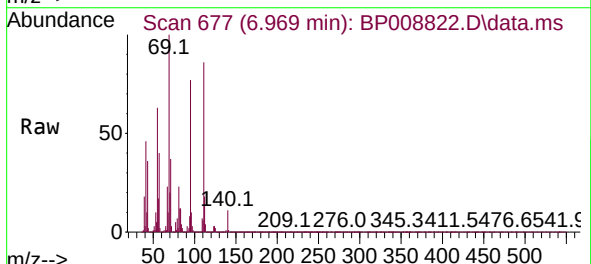
Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-NORTH-SIDEWALL

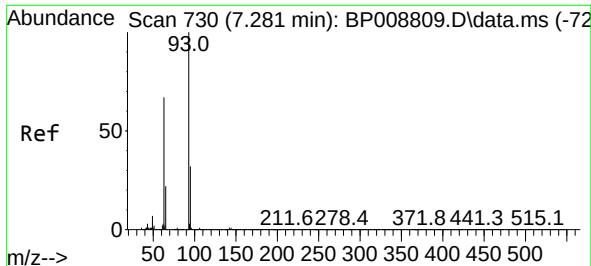
Tgt Ion: 77 Resp: 416734
Ion Ratio Lower Upper
77 100
105 53.5 84.2 124.2#
106 5.3 80.6 120.6#



#10
Phenol
Concen: 6.414 ng
RT: 6.969 min Scan# 677
Delta R.T. -0.088 min
Lab File: BP008822.D
Acq: 17 Jan 2022 14:14

Tgt Ion: 94 Resp: 150840
Ion Ratio Lower Upper
94 100
65 42.1 4.1 44.1
66 17.6 12.4 52.4

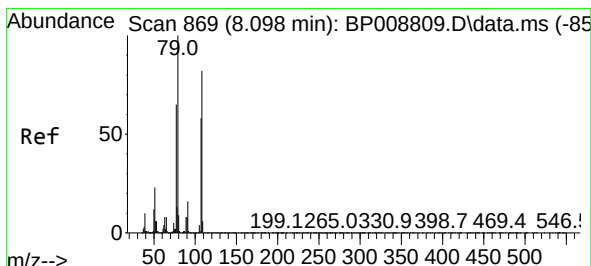
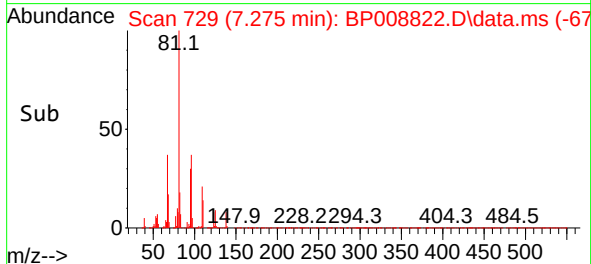
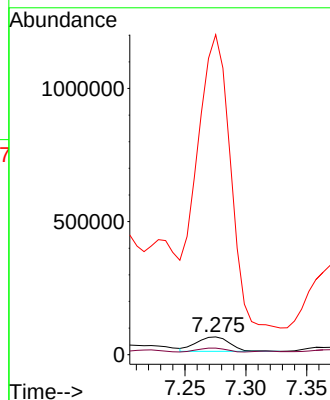
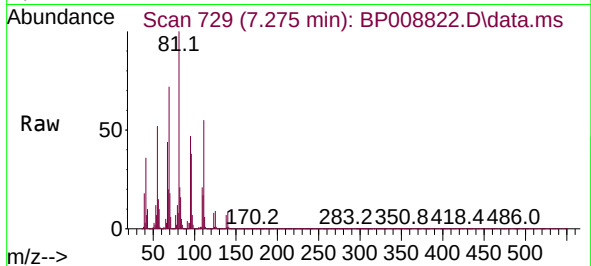




#11
bis(2-Chloroethyl)ether
Concen: 5.501 ng
RT: 7.275 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP008822.D
Acq: 17 Jan 2022 14:14

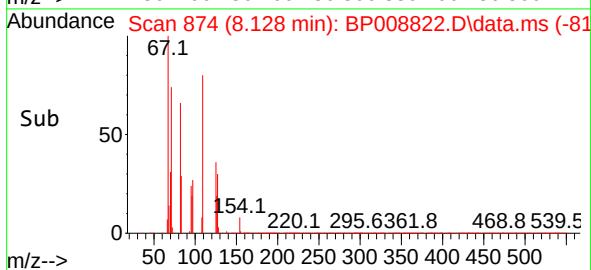
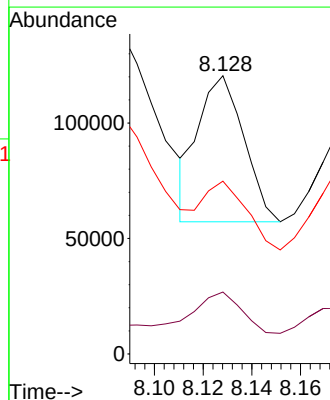
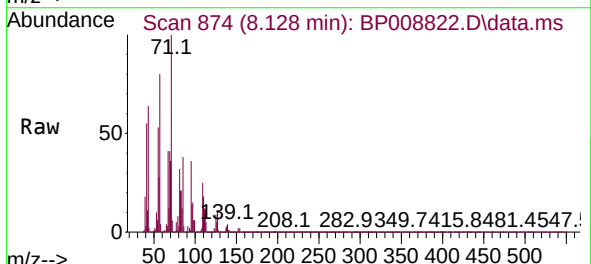
Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-NORTH-SIDEWALL

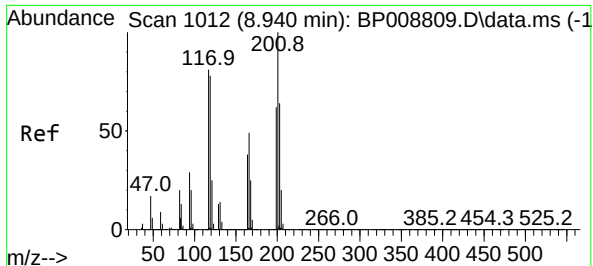
Tgt Ion: 93 Resp: 102932
Ion Ratio Lower Upper
93 100
63 36.7 46.0 86.0#
95 1806.6 12.2 52.2#



#15
Benzyl Alcohol
Concen: 5.071 ng
RT: 8.128 min Scan# 874
Delta R.T. 0.030 min
Lab File: BP008822.D
Acq: 17 Jan 2022 14:14

Tgt Ion: 79 Resp: 82063
Ion Ratio Lower Upper
79 100
108 22.2 67.8 101.8#
77 62.1 50.7 76.1

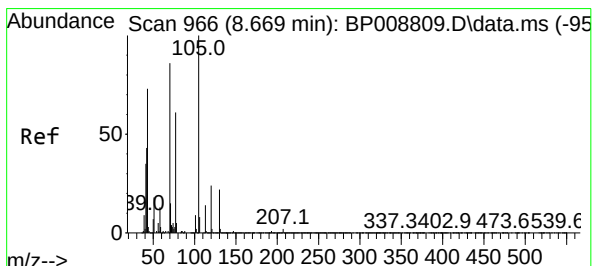
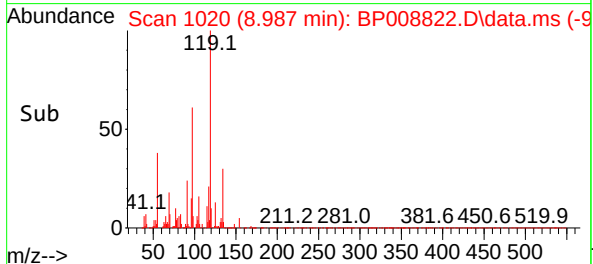
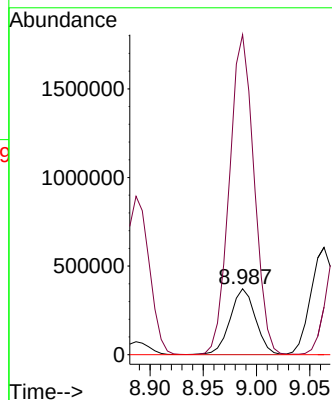
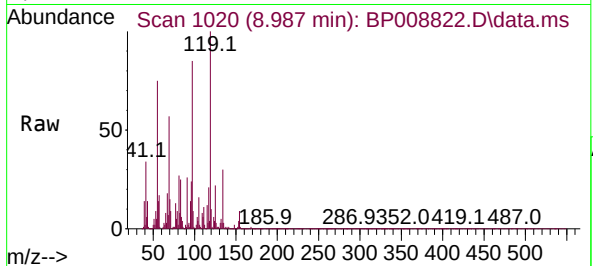




#18
Hexachloroethane
Concen: 74.022 ng
RT: 8.987 min Scan# 1012
Delta R.T. 0.047 min
Lab File: BP008822.D
Acq: 17 Jan 2022 14:14

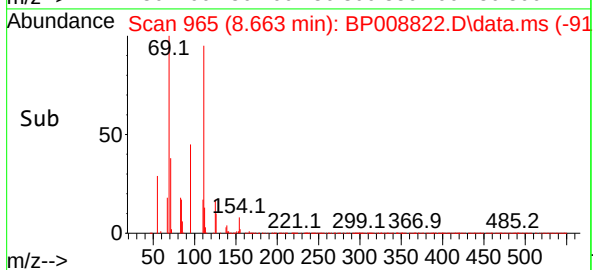
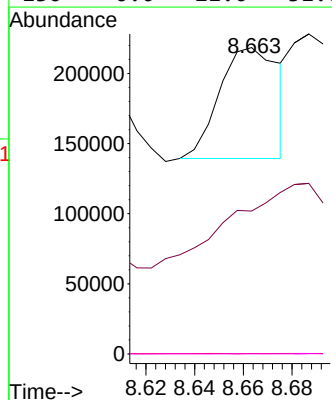
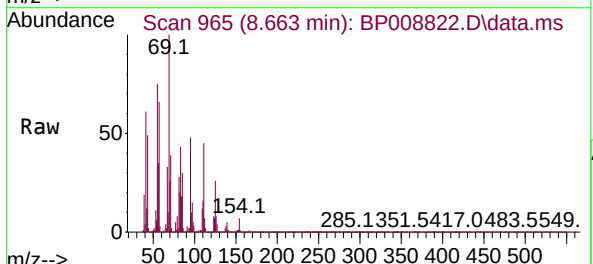
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ClientSampleId :
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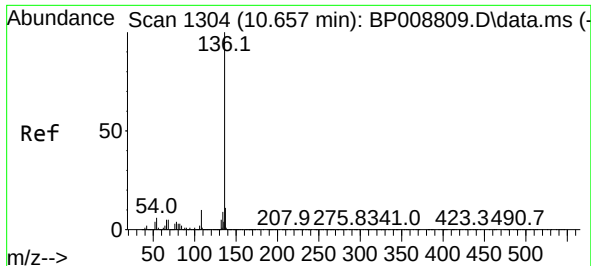
Tgt Ion:117 Resp: 615203
Ion Ratio Lower Upper
117 100
119 485.1 76.9 115.3#
201 0.0 93.7 140.5#



#19
n-Nitroso-di-n-propylamine
Concen: 9.932 ng
RT: 8.663 min Scan# 965
Delta R.T. -0.006 min
Lab File: BP008822.D
Acq: 17 Jan 2022 14:14

Tgt Ion: 70 Resp: 133925
Ion Ratio Lower Upper
70 100
42 46.6 38.2 57.2
101 0.2 8.7 13.1#
130 0.0 21.0 31.6#

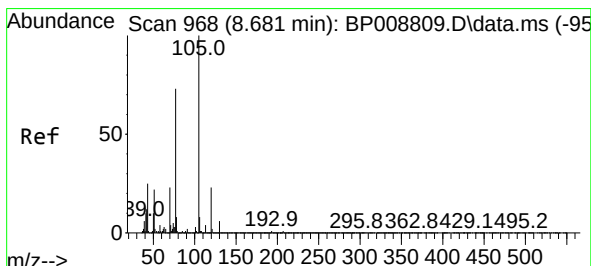
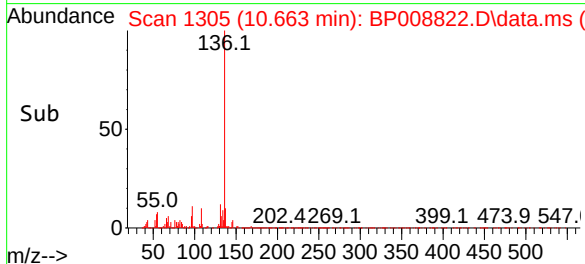
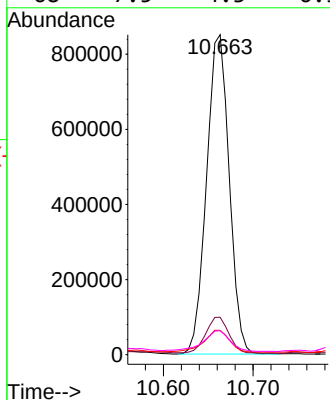
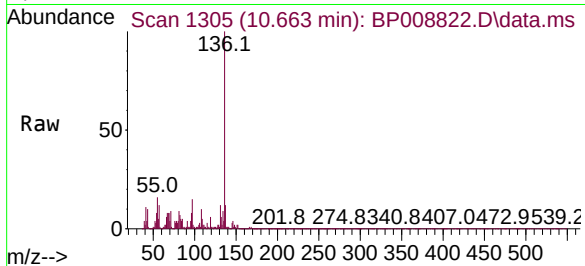




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP008822.D
Acq: 17 Jan 2022 14:14

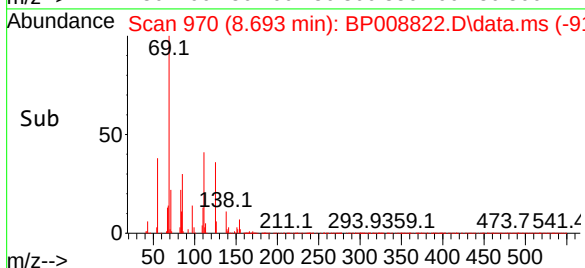
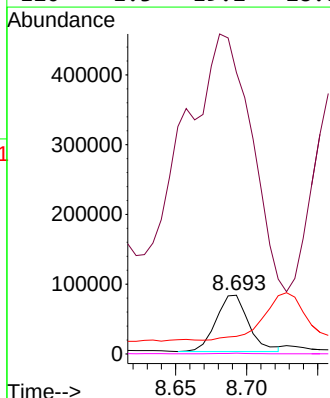
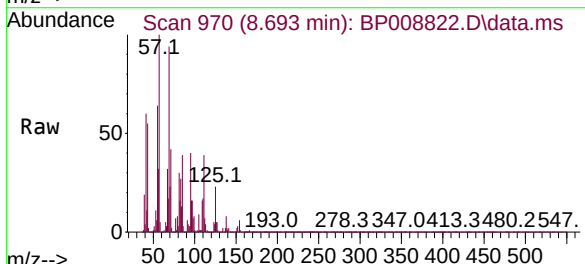
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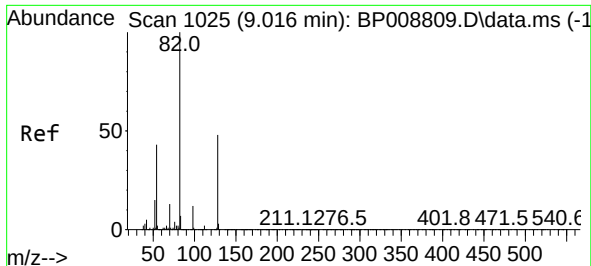
Tgt Ion:136 Resp: 1493097
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.4
54 7.6 4.9 7.3#
68 7.5 4.3 6.5#



#22
Acetophenone
Concen: 3.389 ng
RT: 8.693 min Scan# 970
Delta R.T. 0.012 min
Lab File: BP008822.D
Acq: 17 Jan 2022 14:14

Tgt Ion:105 Resp: 128914
Ion Ratio Lower Upper
105 100
71 478.6 5.3 7.9#
51 29.8 16.3 24.5#
120 1.3 19.2 28.8#

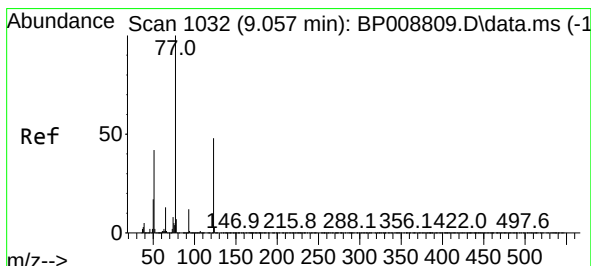
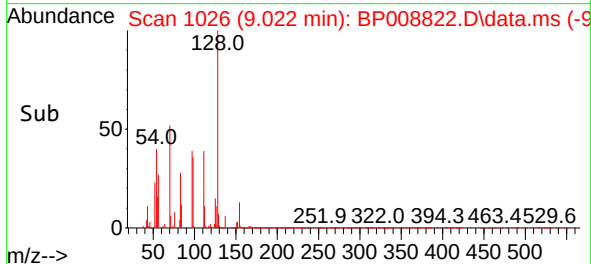
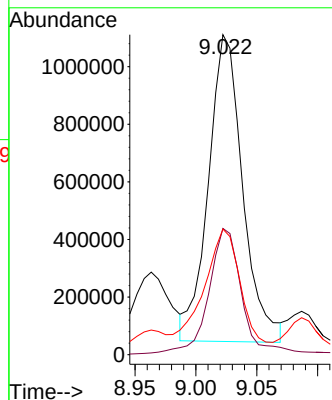
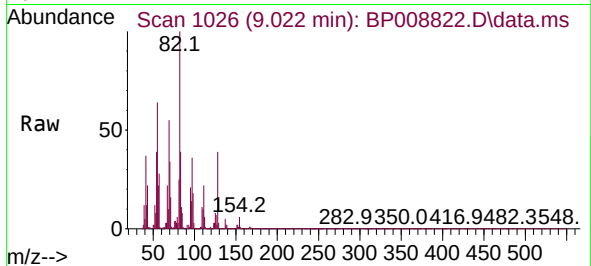




#23
Nitrobenzene-d5
Concen: 79.413 ng
RT: 9.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: BP008822.D
Acq: 17 Jan 2022 14:14

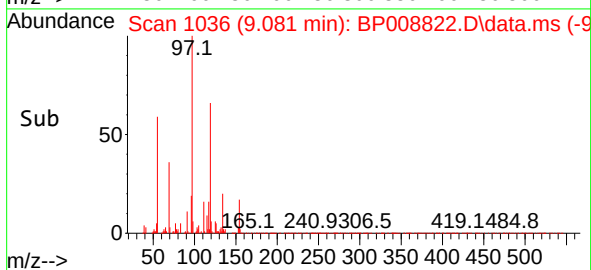
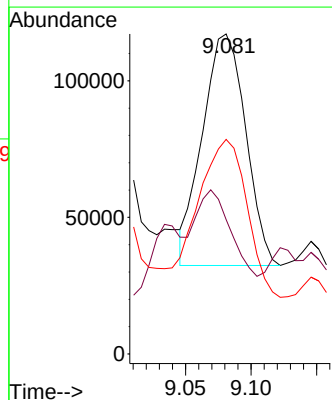
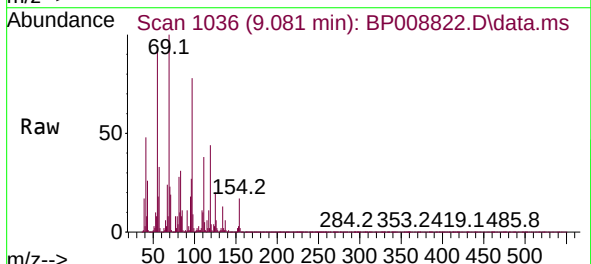
Instrument :
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WEST-BOILER-ROOM-NORTH-SIDEWALL

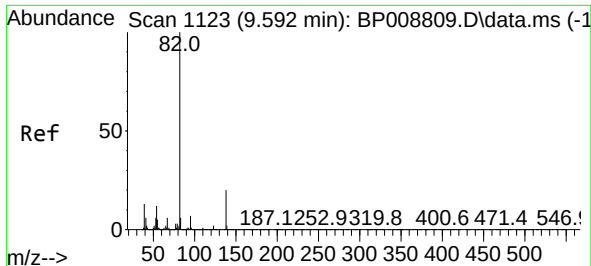
Tgt Ion: 82 Resp: 2088497
Ion Ratio Lower Upper
82 100
128 39.4 39.4 59.2
54 39.3 32.6 48.8



#24
Nitrobenzene
Concen: 7.324 ng
RT: 9.081 min Scan# 1036
Delta R.T. 0.024 min
Lab File: BP008822.D
Acq: 17 Jan 2022 14:14

Tgt Ion: 77 Resp: 194559
Ion Ratio Lower Upper
77 100
123 42.0 41.4 62.2
65 67.1 9.8 14.8#

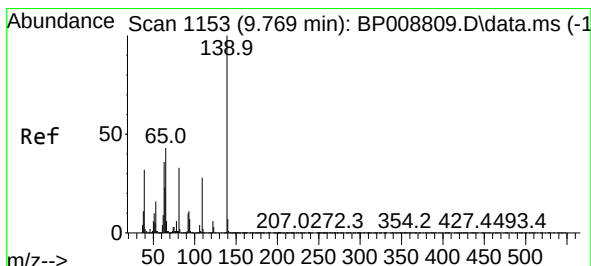
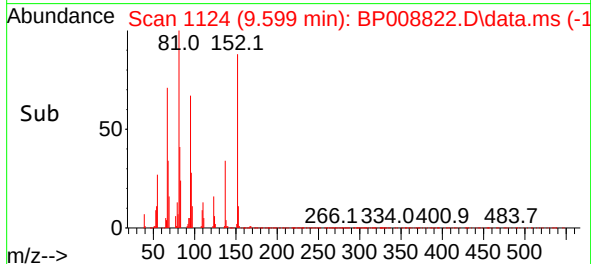
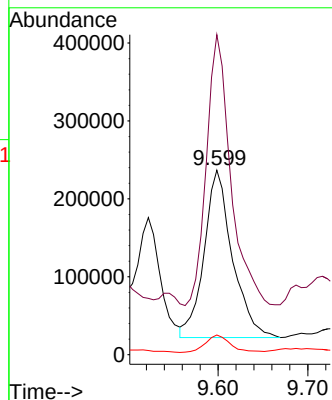
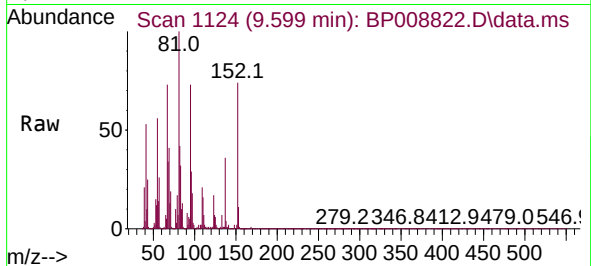




#25
Isophorone
Concen: 9.914 ng
RT: 9.599 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BP008822.D
Acq: 17 Jan 2022 14:14

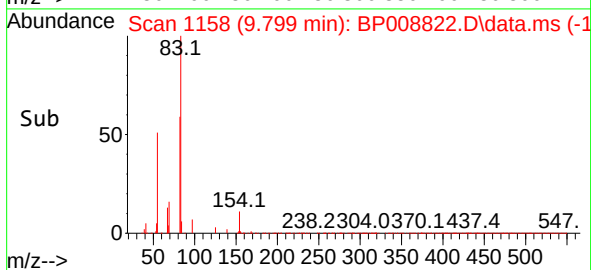
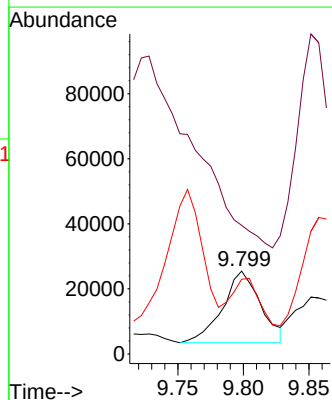
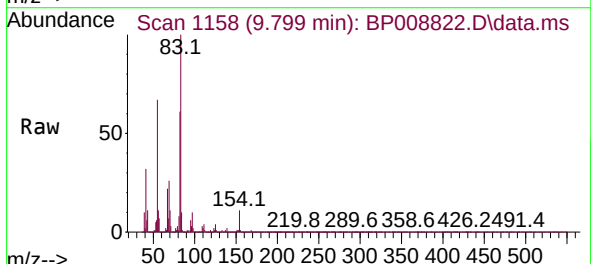
Instrument : BNA_P
ClientSampleId : WEST-BOILER-ROOM-NORTH-SIDEWALL

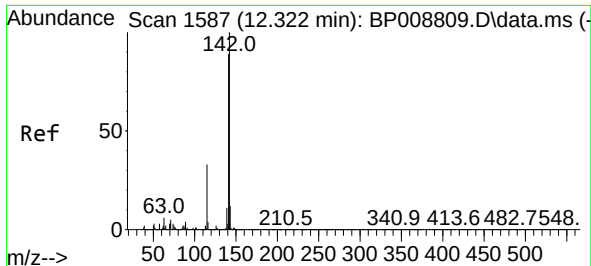
Tgt Ion: 82 Resp: 471179
Ion Ratio Lower Upper
82 100
95 173.5 5.4 8.2#
138 10.6 16.6 24.8#



#26
2-Nitrophenol
Concen: 3.181 ng
RT: 9.799 min Scan# 1158
Delta R.T. 0.030 min
Lab File: BP008822.D
Acq: 17 Jan 2022 14:14

Tgt Ion: 139 Resp: 44425
Ion Ratio Lower Upper
139 100
109 155.1 20.7 31.1#
65 90.1 31.6 47.4#

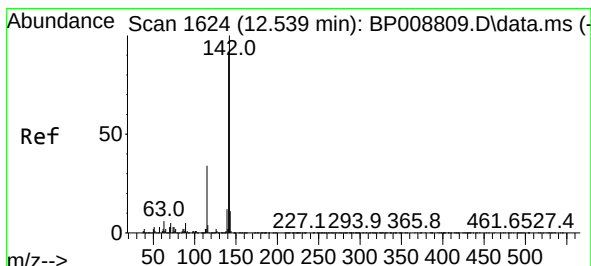
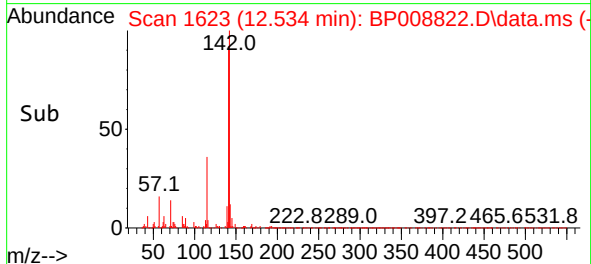
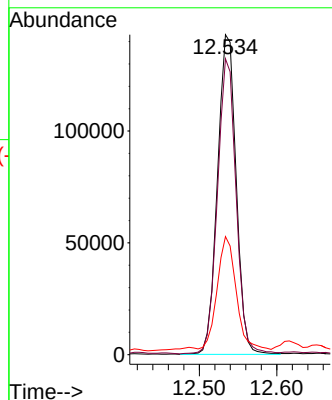
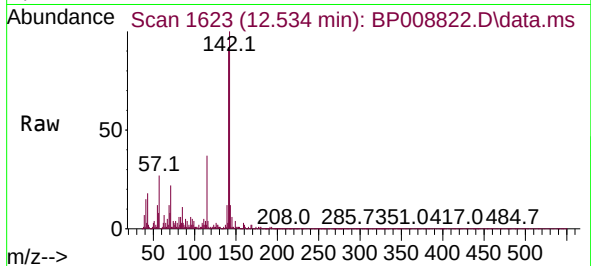




#37
2-Methylnaphthalene
Concen: 4.031 ng
RT: 12.534 min Scan# 1623
Delta R.T. 0.212 min
Lab File: BP008822.D
Acq: 17 Jan 2022 14:14

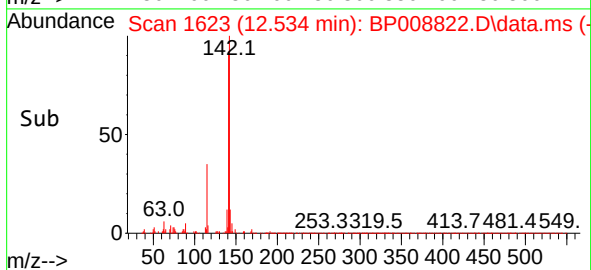
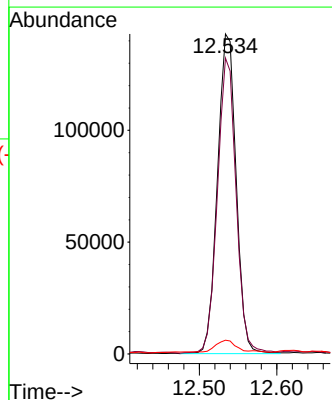
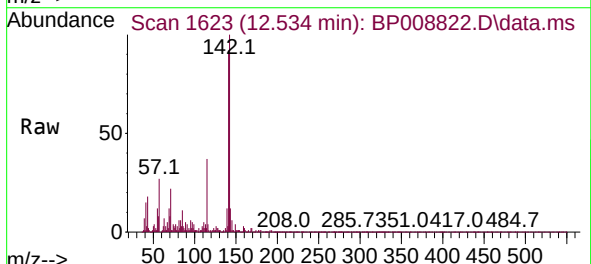
Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-NORTH-SIDEWALL

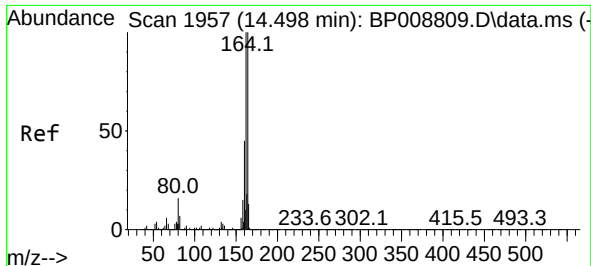
Tgt Ion:142 Resp: 238999
Ion Ratio Lower Upper
142 100
141 92.4 70.5 105.7
115 36.9 24.6 36.8#



#38
1-Methylnaphthalene
Concen: 4.392 ng
RT: 12.534 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BP008822.D
Acq: 17 Jan 2022 14:14

Tgt Ion:142 Resp: 238999
Ion Ratio Lower Upper
142 100
141 92.4 73.2 109.8
116 4.3 2.7 4.1#

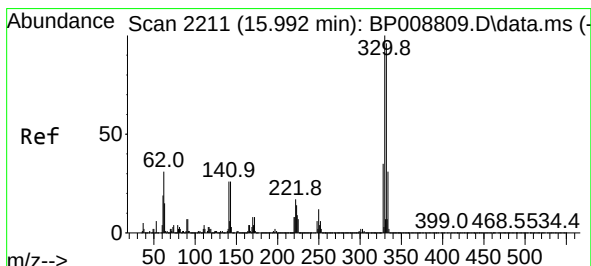
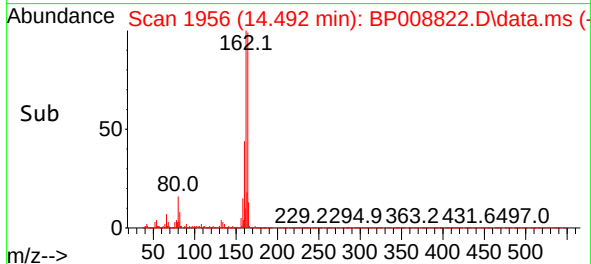
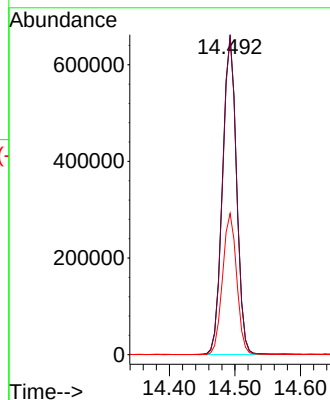
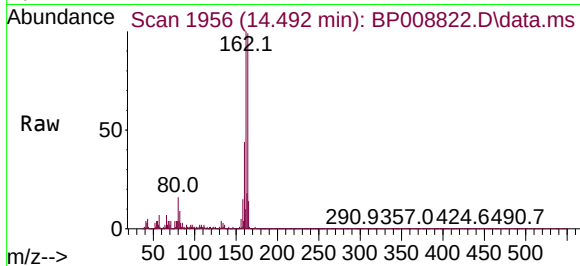




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BP008822.D
Acq: 17 Jan 2022 14:14

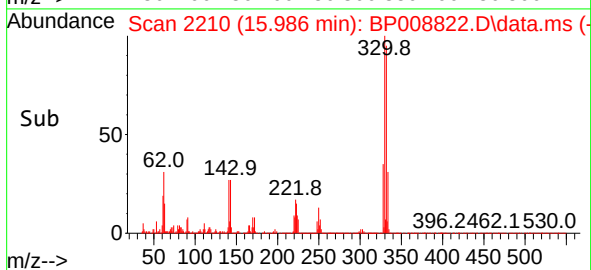
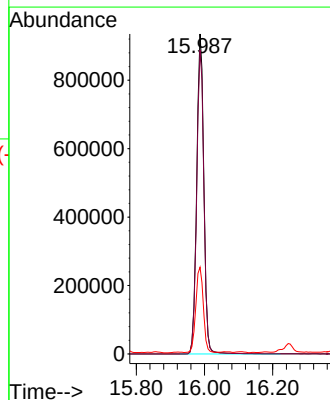
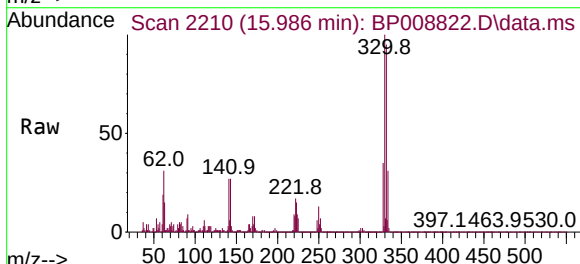
Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-NORTH-SIDEWALL

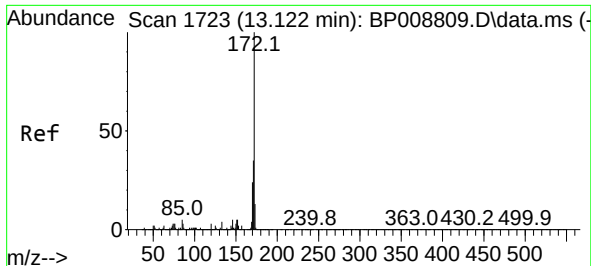
Tgt Ion:164 Resp: 974664
Ion Ratio Lower Upper
164 100
162 100.9 79.9 119.9
160 44.6 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 95.713 ng
RT: 15.986 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BP008822.D
Acq: 17 Jan 2022 14:14

Tgt Ion:330 Resp: 1357906
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.4
141 27.9 21.3 31.9

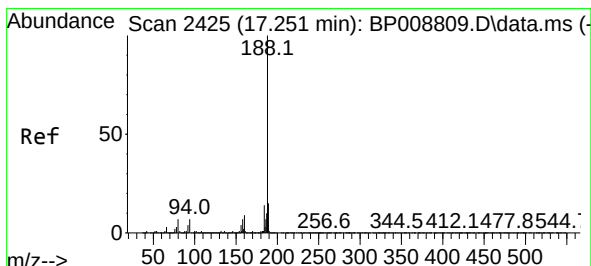
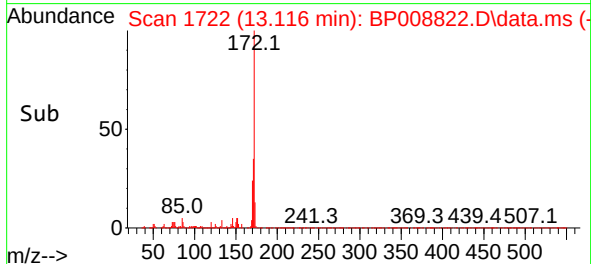
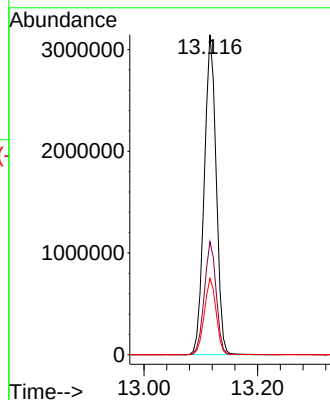
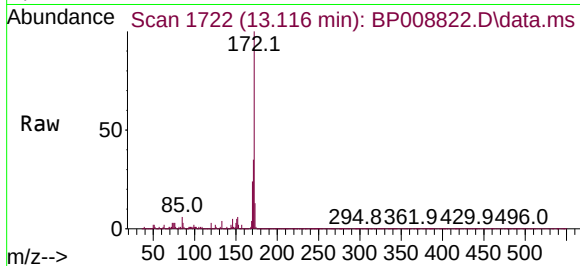




#45
2-Fluorobiphenyl
Concen: 62.059 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BP008822.D
Acq: 17 Jan 2022 14:14

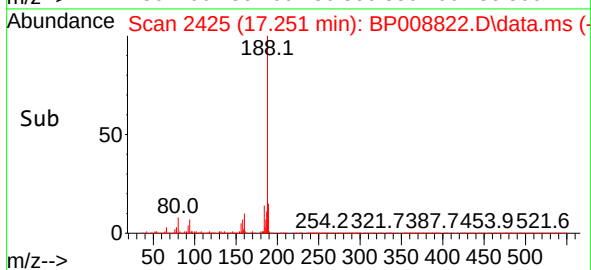
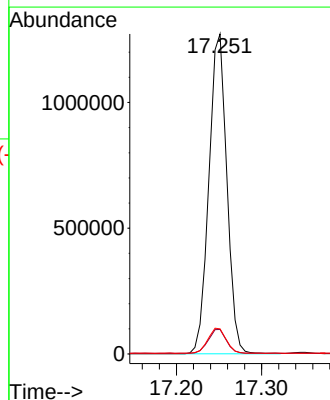
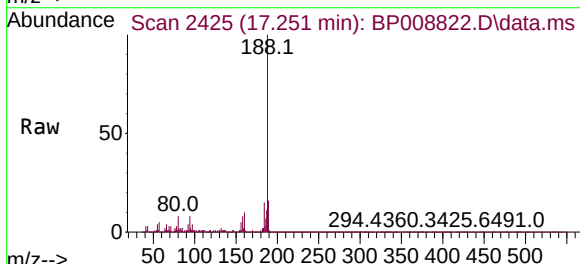
Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-NORTH-SIDEWALL

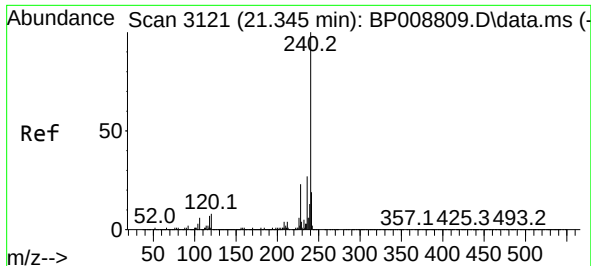
Tgt Ion:172 Resp: 4586725
Ion Ratio Lower Upper
172 100
171 35.3 29.3 43.9
170 23.9 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP008822.D
Acq: 17 Jan 2022 14:14

Tgt Ion:188 Resp: 1863260
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 7.9 7.2 10.8

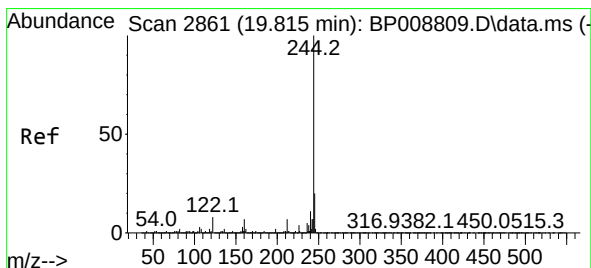
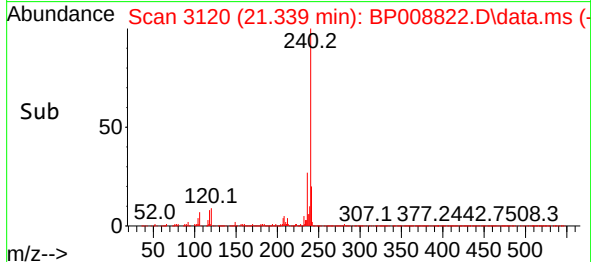
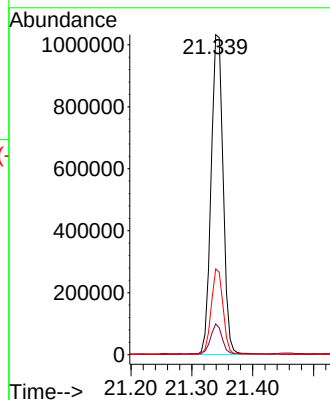
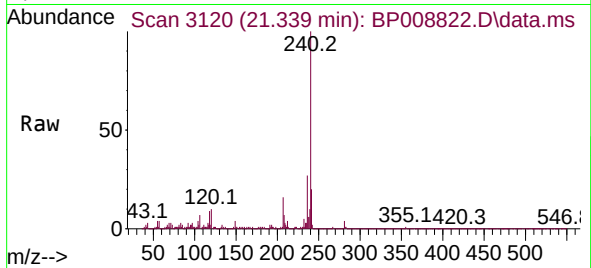




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP008822.D
Acq: 17 Jan 2022 14:14

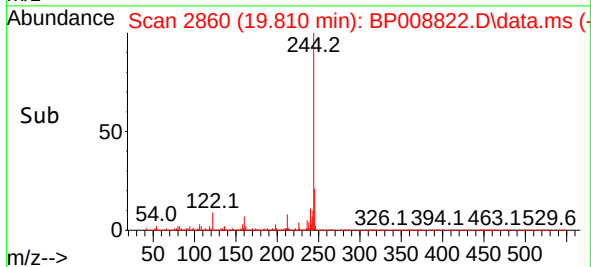
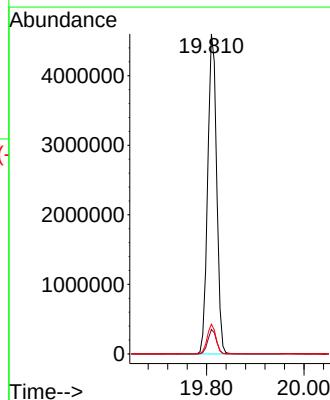
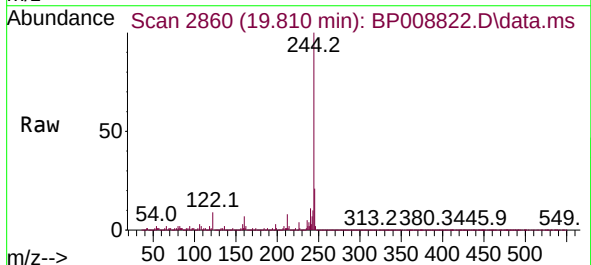
Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-NORTH-SIDEWALL

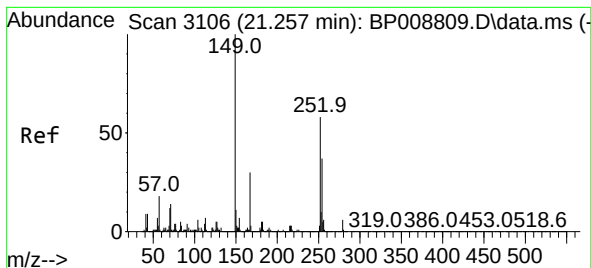
Tgt Ion:240 Resp: 1416808
Ion Ratio Lower Upper
240 100
120 9.6 7.7 11.5
236 26.8 21.2 31.8



#79
Terphenyl-d14
Concen: 69.351 ng
RT: 19.810 min Scan# 2860
Delta R.T. -0.006 min
Lab File: BP008822.D
Acq: 17 Jan 2022 14:14

Tgt Ion:244 Resp: 5821125
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 9.3 9.2 13.8

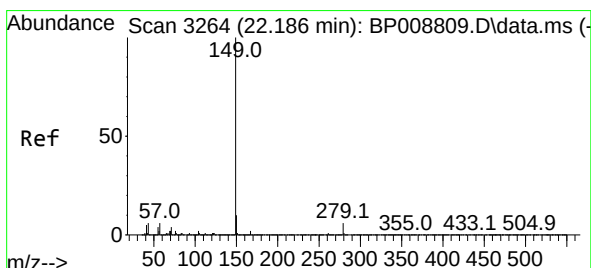
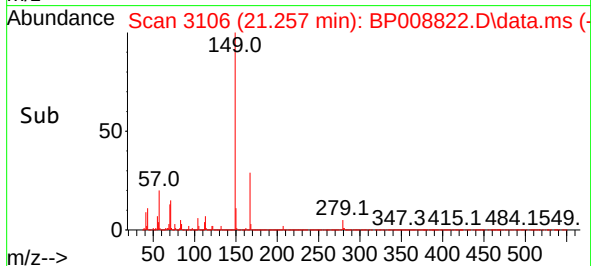
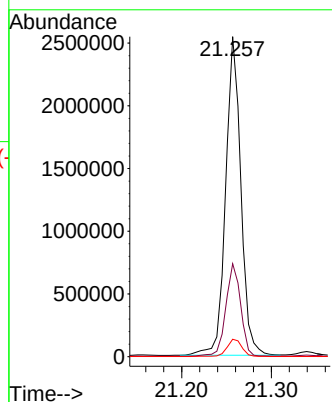
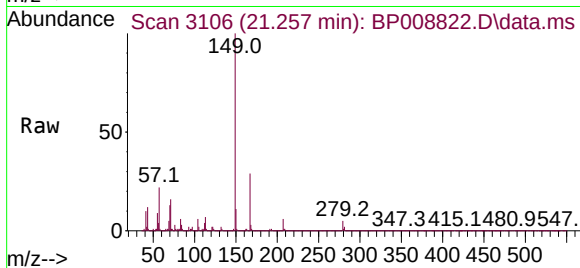




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.652 ng
 RT: 21.257 min Scan# 3106
 Delta R.T. 0.000 min
 Lab File: BP008822.D
 Acq: 17 Jan 2022 14:14

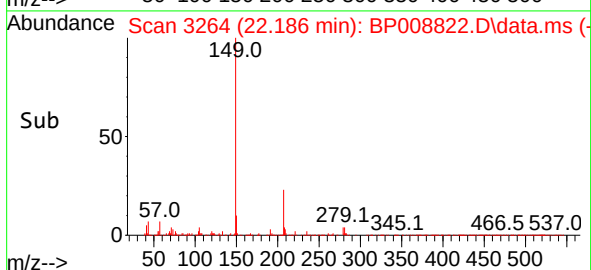
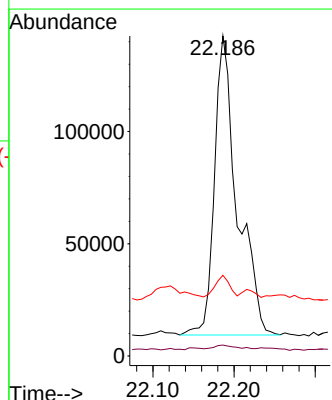
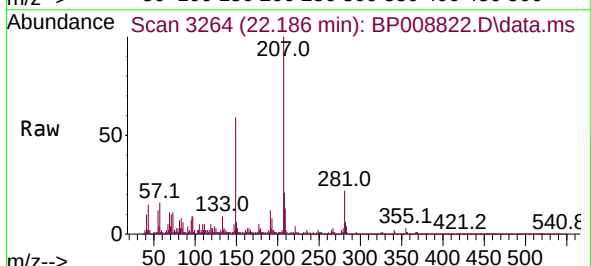
Instrument :
 BNA_P
 ClientSampleId :
 WEST-BOILER-ROOM-NORTH-SIDEWALL

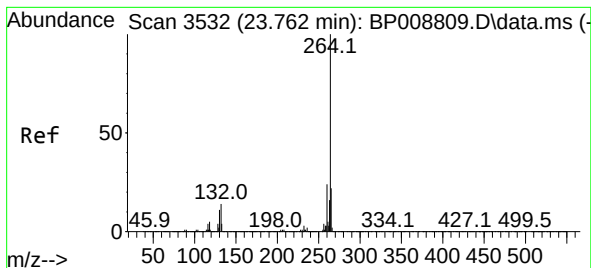
Tgt Ion:149 Resp: 2995600
 Ion Ratio Lower Upper
 149 100
 167 29.0 25.0 37.4
 279 5.5 4.8 7.2



#85
 Di-n-octyl phthalate
 Concen: 2.500 ng
 RT: 22.186 min Scan# 3264
 Delta R.T. 0.000 min
 Lab File: BP008822.D
 Acq: 17 Jan 2022 14:14

Tgt Ion:149 Resp: 260406
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 4.3 5.4 8.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.768 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP008822.D

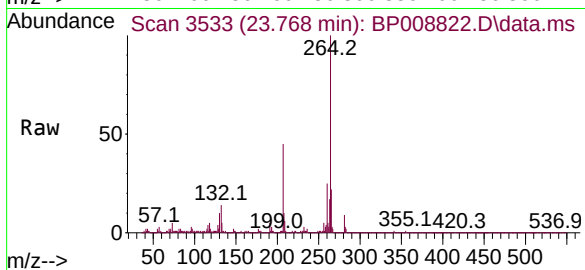
Acq: 17 Jan 2022 14:14

Instrument :

BNA_P

ClientSampleId :

WEST-BOILER-ROOM-NORTH-SIDEWALL



Tgt Ion:264 Resp: 1321283

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.1	28.7
265	22.2	17.1	25.7

