

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
 Data File : BP005209.D
 Acq On : 06 Apr 2021 22:15
 Operator : CG/JU
 Sample : M1836-09DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B4-8-10DL

Quant Time: Apr 07 00:32:24 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 06 12:33:08 2021
 Response via : Initial Calibration

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

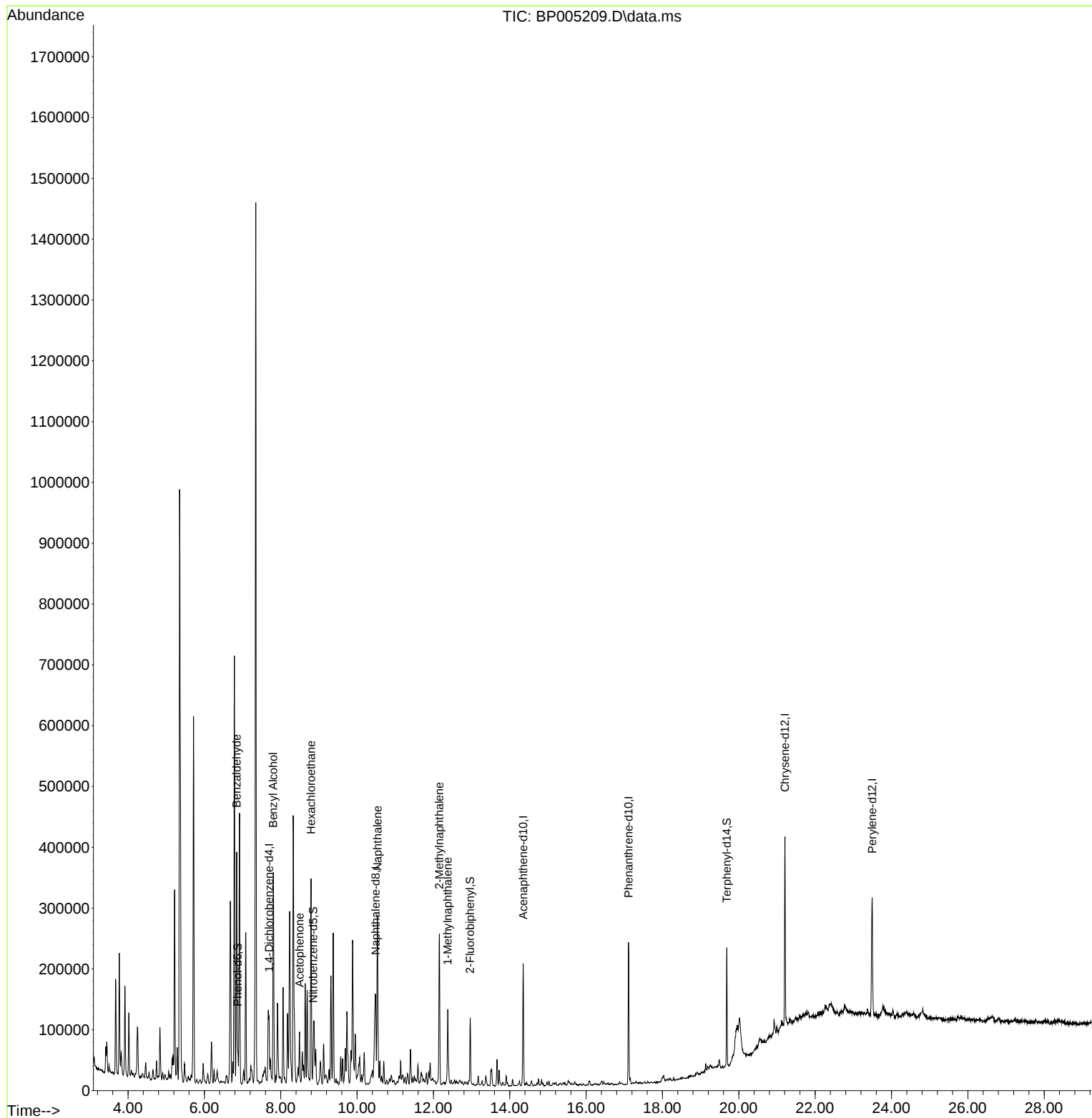
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	27088	20.00	ng	# 0.00
21) Naphthalene-d8	10.487	136	106749	20.00	ng	# 0.00
39) Acenaphthene-d10	14.351	164	64487	20.00	ng	0.00
64) Phenanthrene-d10	17.110	188	135226	20.00	ng	# 0.00
76) Chrysene-d12	21.210	240	136098	20.00	ng	0.00
86) Perylene-d12	23.492	264	138470	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	2741	1.56	ng	0.00
7) Phenol-d6	6.875	99	27585	10.94	ng	0.00
23) Nitrobenzene-d5	8.852	82	27733	11.15	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	76	0.09	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	55070	11.55	ng	0.00
79) Terphenyl-d14	19.686	244	81473	10.90	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.846	77	25268	19.68	ng	# 1
15) Benzyl Alcohol	7.805	79	17581	9.04	ng	# 7
18) Hexachloroethane	8.793	117	27413	34.35	ng	# 1
22) Acetophenone	8.493	105	55715	18.15	ng	# 61
31) Naphthalene	10.534	128	168819	28.00	ng	98
37) 2-Methylnaphthalene	12.157	142	112452	25.83	ng	95
38) 1-Methylnaphthalene	12.375	142	53675	13.15	ng	100

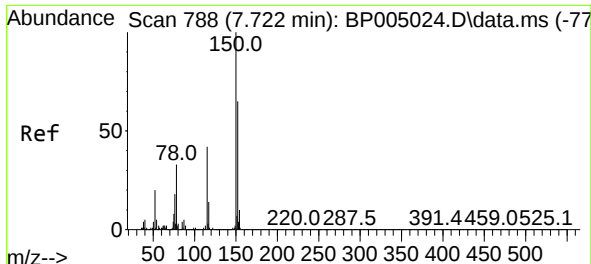
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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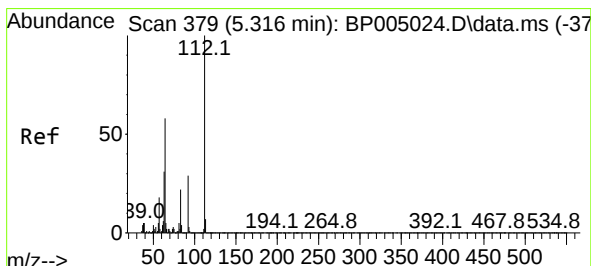
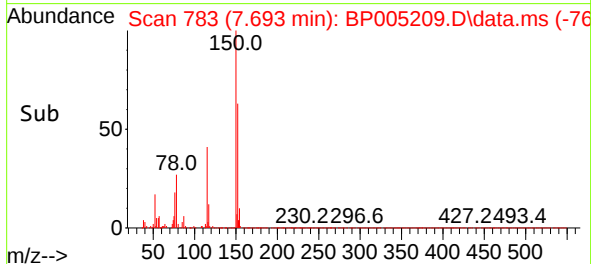
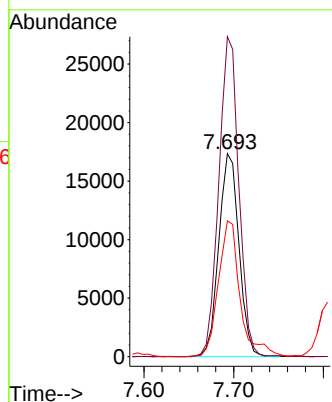
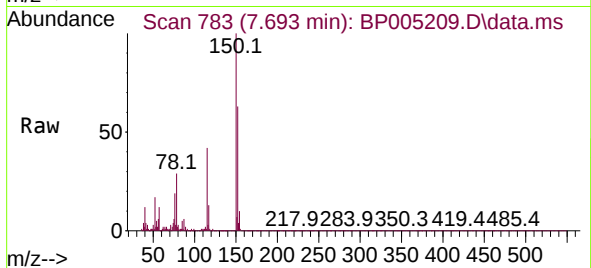




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP005209.D
Acq: 06 Apr 2021 22:15

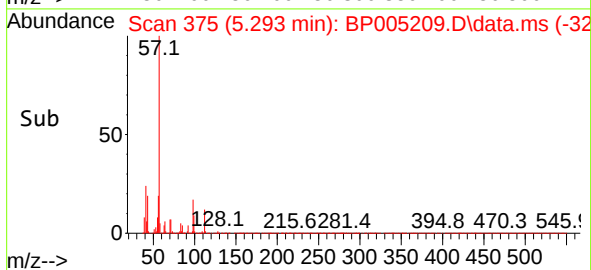
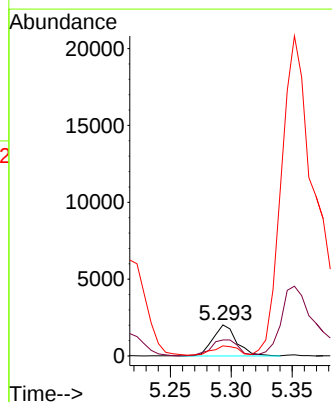
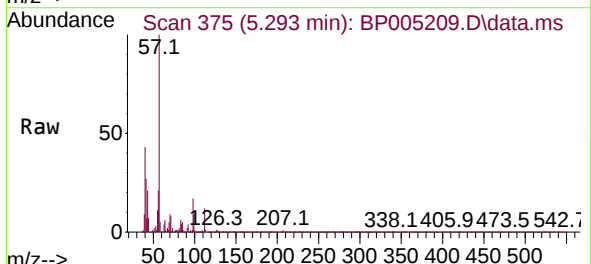
Instrument :
BNA_P
ClientSampleId :
B4-8-10DL

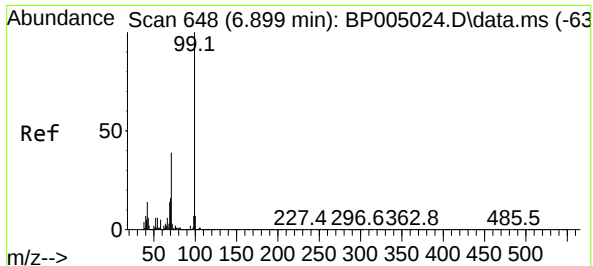
Tgt Ion:152 Resp: 27088
Ion Ratio Lower Upper
152 100
150 157.7 123.8 185.6
115 66.9 43.8 65.6#



#5
2-Fluorophenol
Concen: 1.56 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.000 min
Lab File: BP005209.D
Acq: 06 Apr 2021 22:15

Tgt Ion:112 Resp: 2741
Ion Ratio Lower Upper
112 100
64 51.7 32.8 49.2#
63 32.4 17.0 25.4#

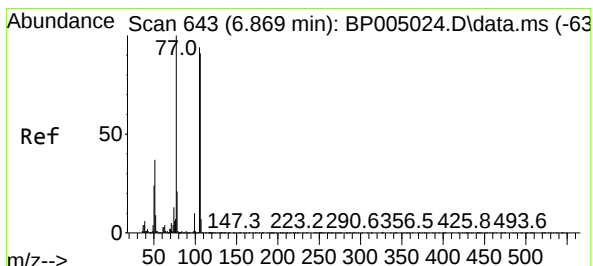
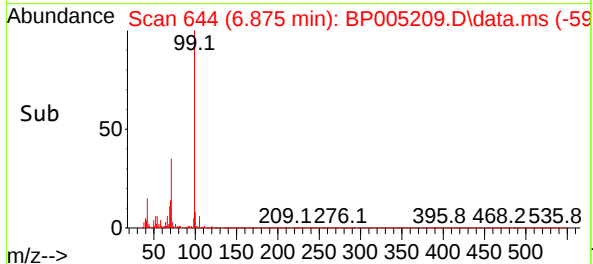
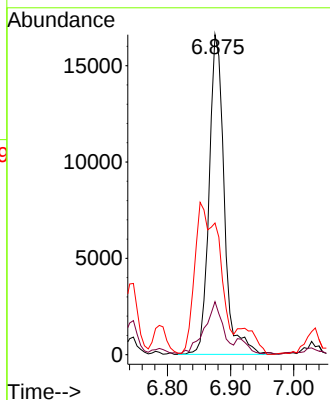
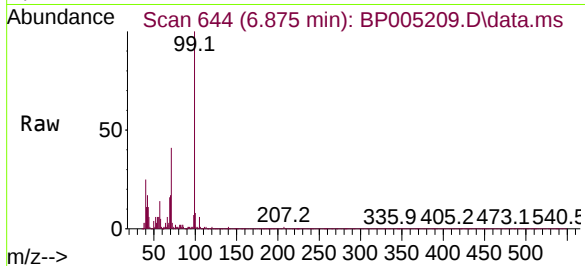




#7
Phenol-d6
Concen: 10.94 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005209.D
Acq: 06 Apr 2021 22:15

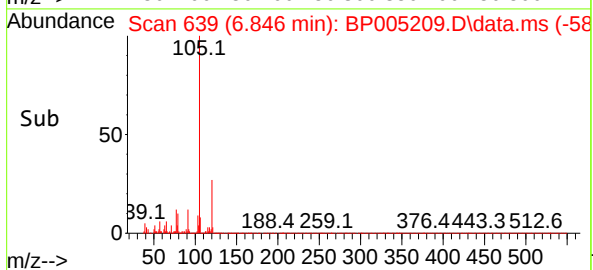
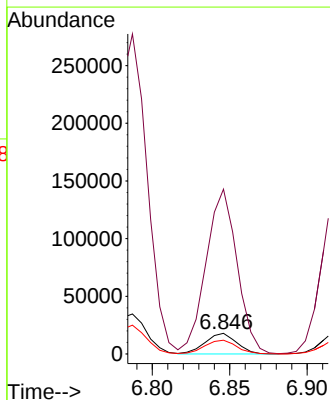
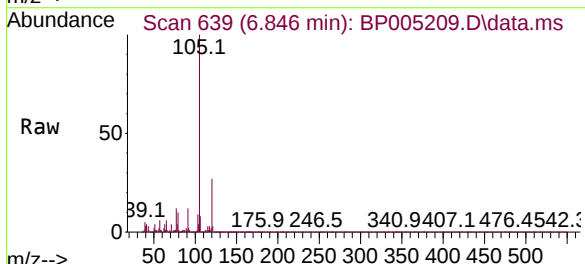
Instrument :
BNA_P
ClientSampleId :
B4-8-10DL

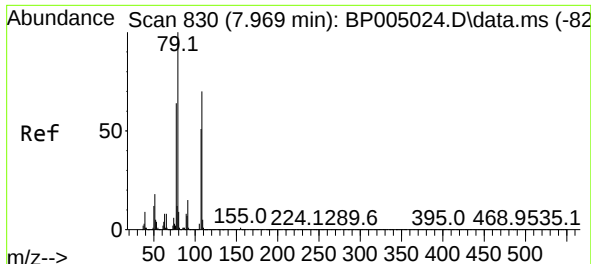
Tgt Ion: 99 Resp: 27585
Ion Ratio Lower Upper
99 100
42 16.6 8.6 13.0#
71 41.2 23.4 35.2#



#9
Benzaldehyde
Concen: 19.68 ng
RT: 6.846 min Scan# 639
Delta R.T. 0.000 min
Lab File: BP005209.D
Acq: 06 Apr 2021 22:15

Tgt Ion: 77 Resp: 25268
Ion Ratio Lower Upper
77 100
105 801.1 97.1 137.1#
106 67.3 93.7 133.7#

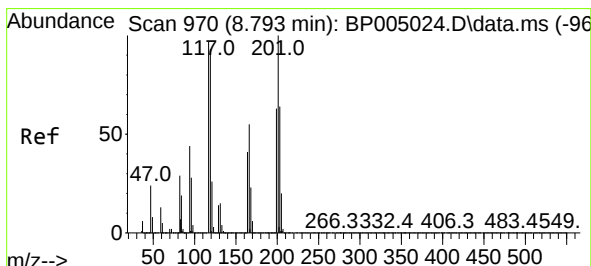
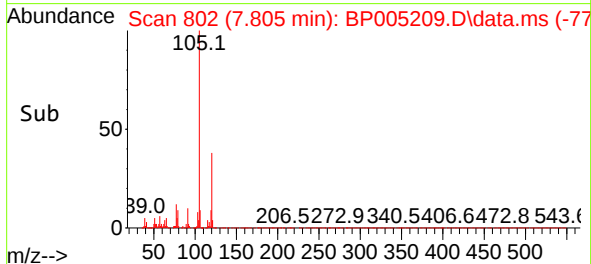
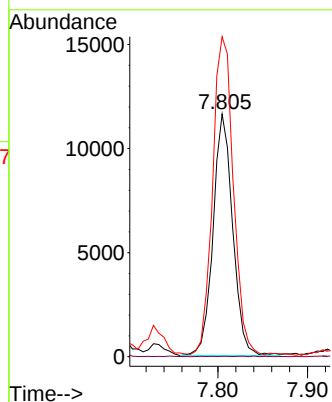
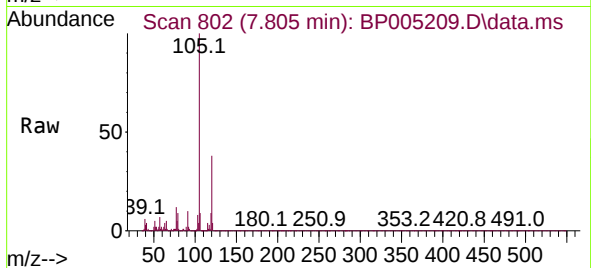




#15
Benzyl Alcohol
Concen: 9.04 ng
RT: 7.805 min Scan# 802
Delta R.T. -0.135 min
Lab File: BP005209.D
Acq: 06 Apr 2021 22:15

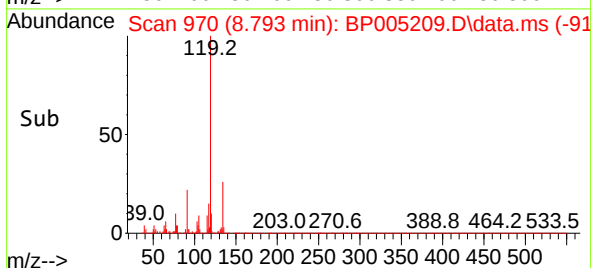
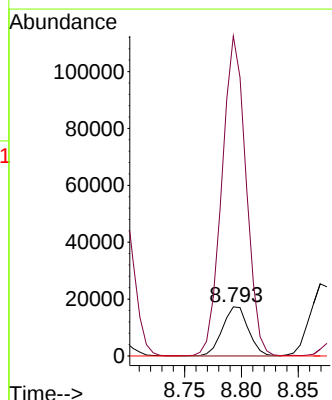
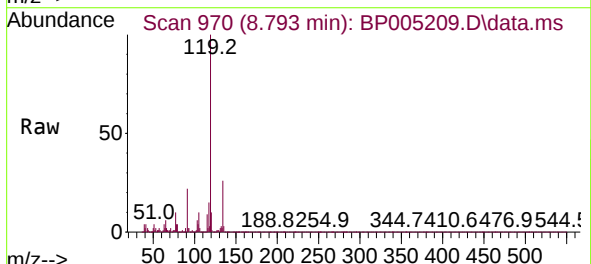
Instrument :
BNA_P
ClientSampleId :
B4-8-10DL

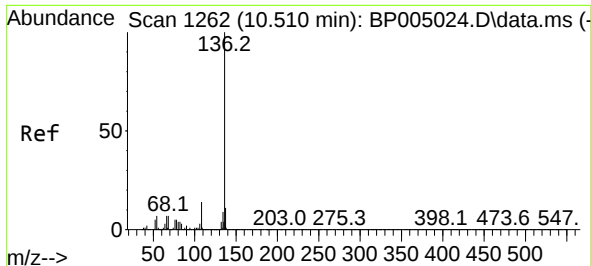
Tgt Ion: 79 Resp: 17581
Ion Ratio Lower Upper
79 100
108 0.1 73.5 110.3#
77 131.9 50.3 75.5#



#18
Hexachloroethane
Concen: 34.35 ng
RT: 8.793 min Scan# 970
Delta R.T. 0.030 min
Lab File: BP005209.D
Acq: 06 Apr 2021 22:15

Tgt Ion: 117 Resp: 27413
Ion Ratio Lower Upper
117 100
119 651.2 78.8 118.2#
201 0.0 92.3 138.5#

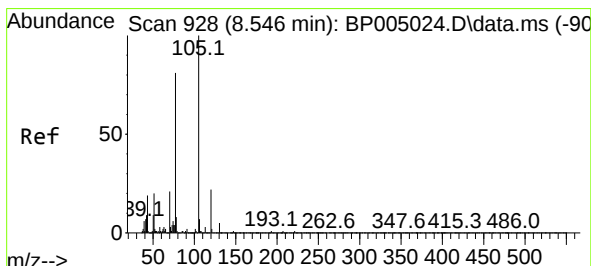
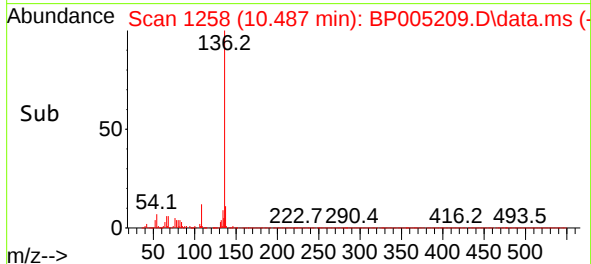
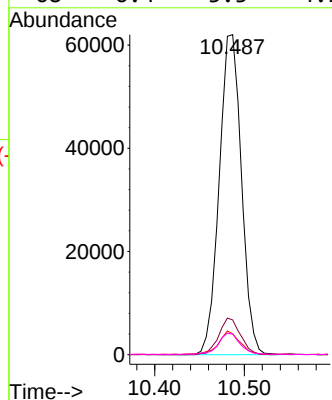
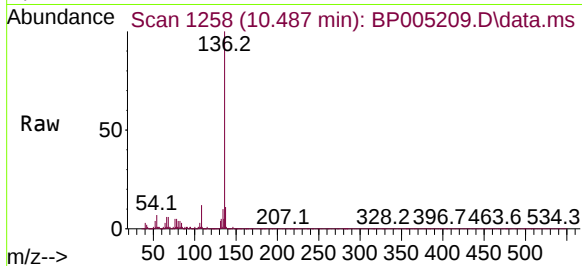




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.487 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BP005209.D
Acq: 06 Apr 2021 22:15

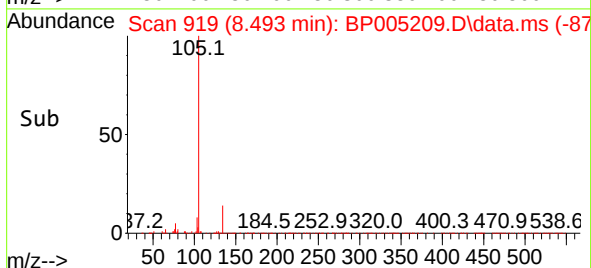
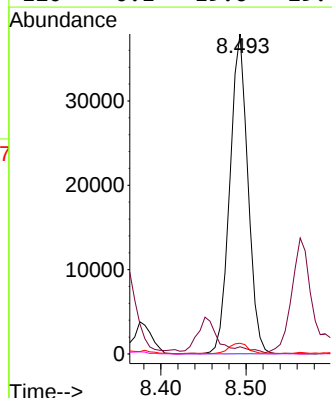
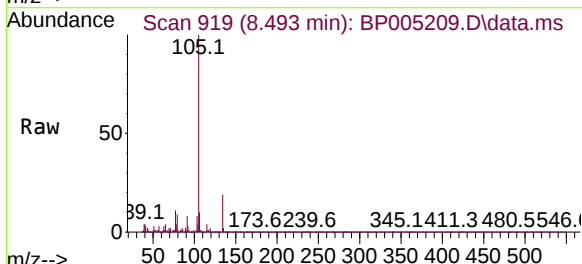
Instrument :
BNA_P
ClientSampleId :
B4-8-10DL

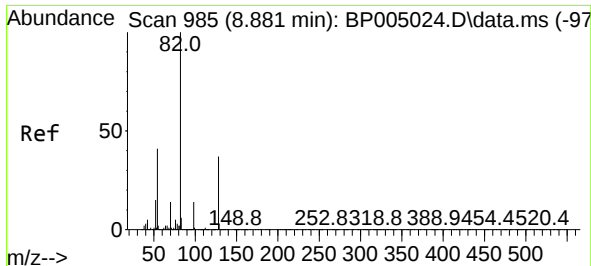
Tgt Ion:	136	Resp:	106749
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	6.5	3.6	5.4#
68	6.4	3.3	4.9#



#22
Acetophenone
Concen: 18.15 ng
RT: 8.493 min Scan# 919
Delta R.T. -0.029 min
Lab File: BP005209.D
Acq: 06 Apr 2021 22:15

Tgt Ion:	105	Resp:	55715
Ion Ratio	Lower	Upper	
105	100		
71	2.2	2.6	3.8#
51	3.4	13.5	20.3#
120	0.1	19.6	29.4#

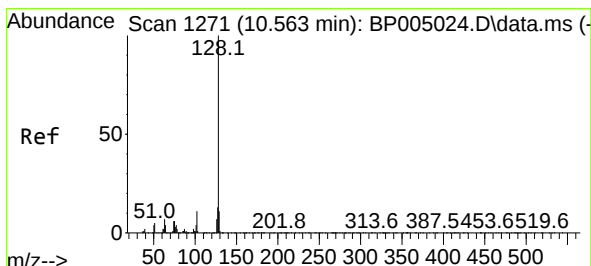
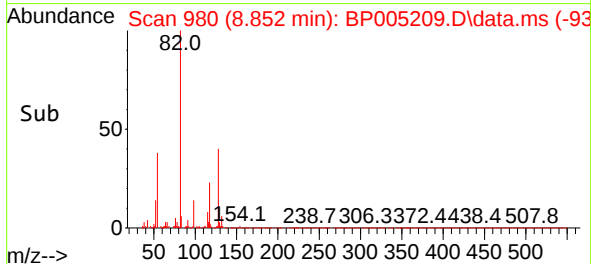
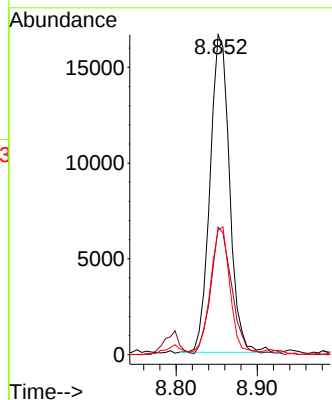
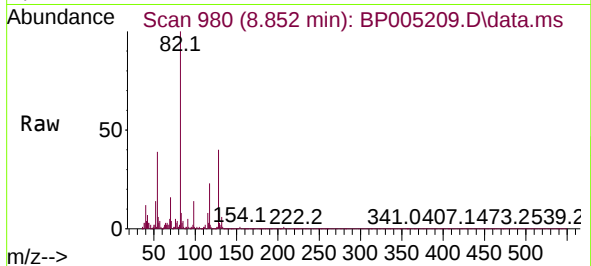




#23
Nitrobenzene-d5
Concen: 11.15 ng
RT: 8.852 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP005209.D
Acq: 06 Apr 2021 22:15

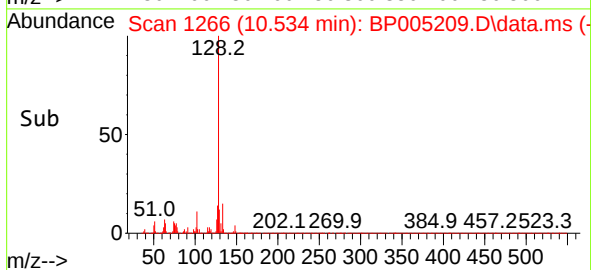
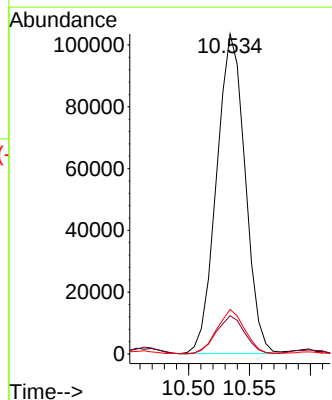
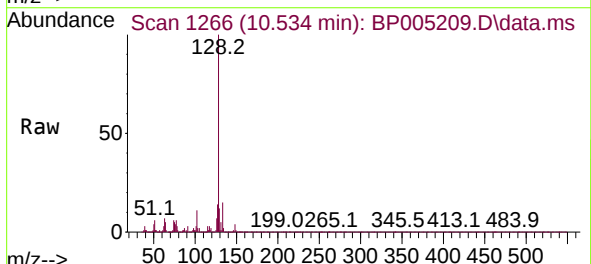
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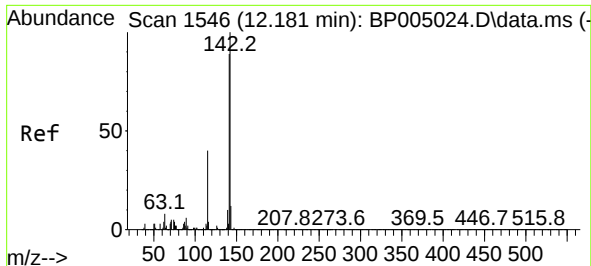
Tgt Ion: 82 Resp: 27733
Ion Ratio Lower Upper
82 100
128 39.9 45.6 68.4#
54 38.9 30.1 45.1



#31
Naphthalene
Concen: 28.00 ng
RT: 10.534 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BP005209.D
Acq: 06 Apr 2021 22:15

Tgt Ion: 128 Resp: 168819
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 13.9 10.6 15.8

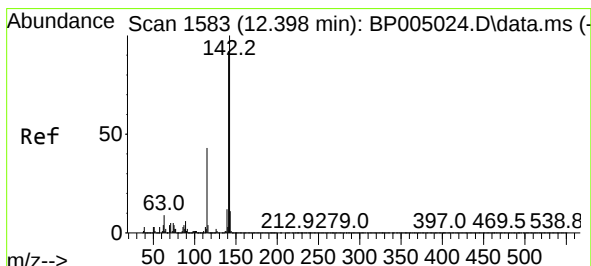
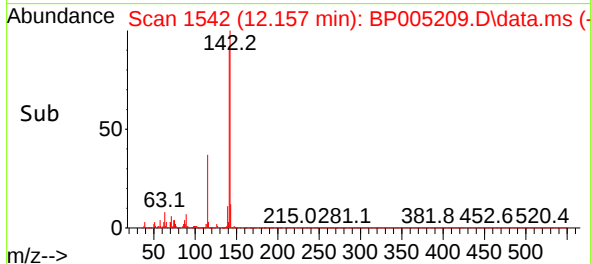
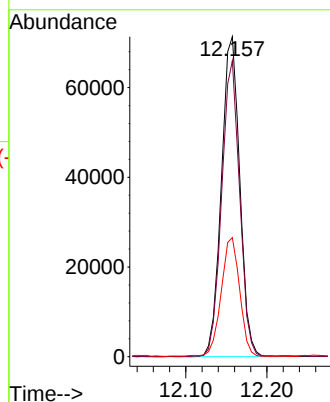
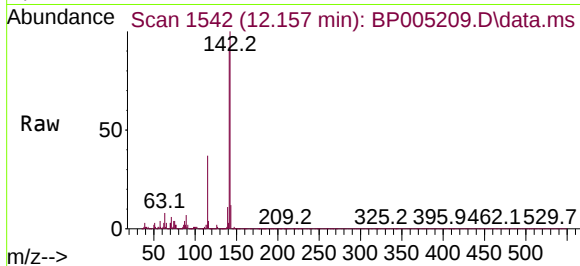




#37
2-Methylnaphthalene
Concen: 25.83 ng
RT: 12.157 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BP005209.D
Acq: 06 Apr 2021 22:15

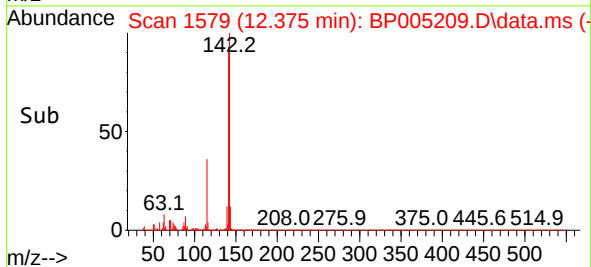
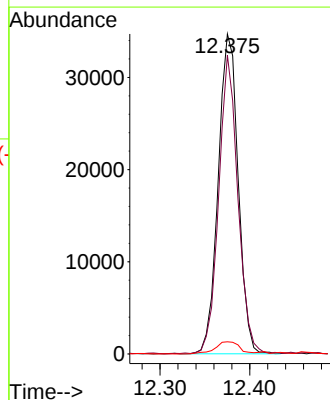
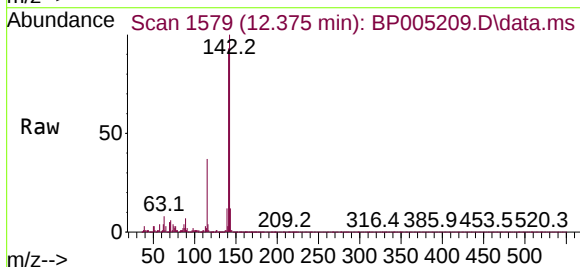
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B4-8-10DL

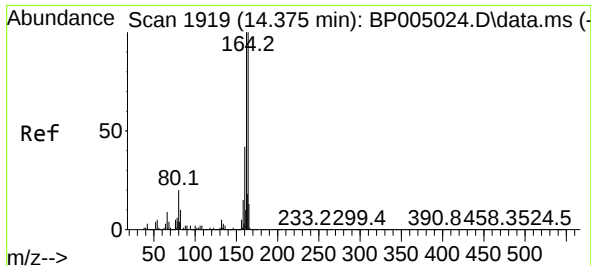
Tgt Ion:142 Resp: 112452
Ion Ratio Lower Upper
142 100
141 92.5 71.4 107.2
115 37.2 25.8 38.6



#38
1-Methylnaphthalene
Concen: 13.15 ng
RT: 12.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BP005209.D
Acq: 06 Apr 2021 22:15

Tgt Ion:142 Resp: 53675
Ion Ratio Lower Upper
142 100
141 93.4 74.4 111.6
116 3.8 2.9 4.3

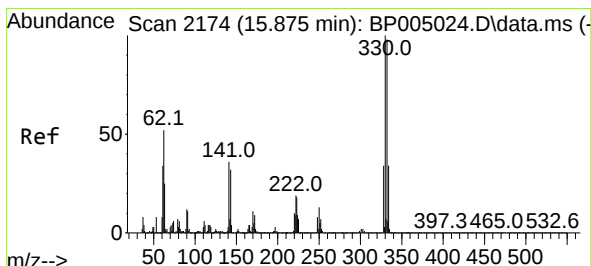
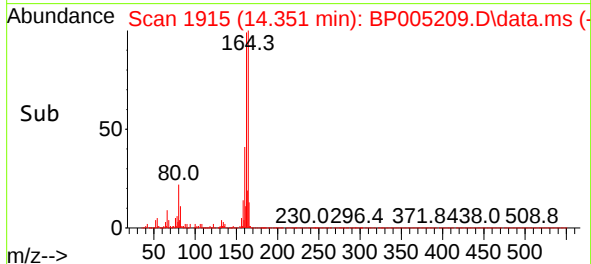
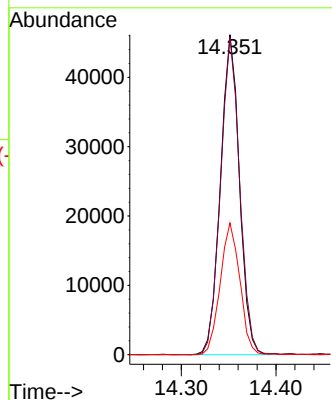
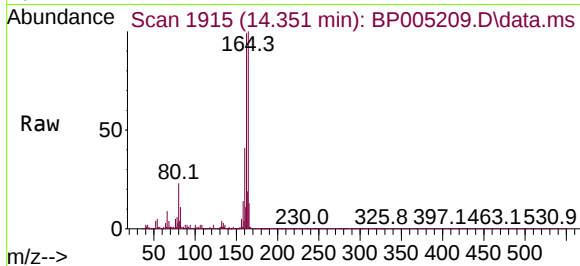




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP005209.D
Acq: 06 Apr 2021 22:15

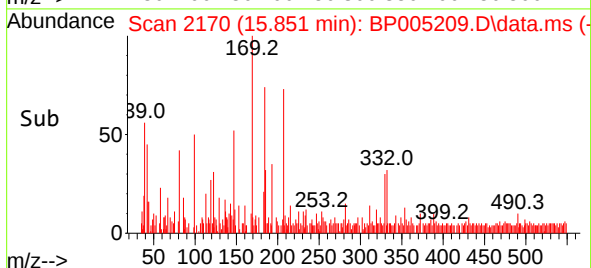
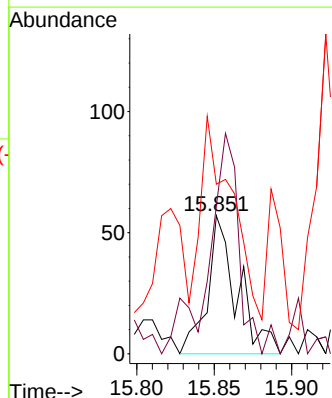
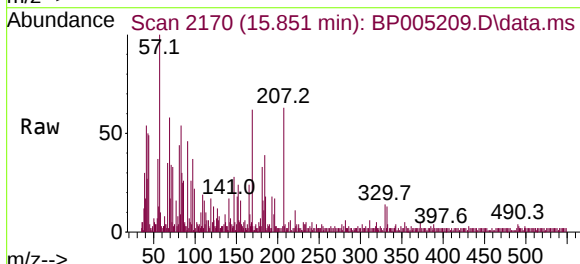
Instrument :
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B4-8-10DL

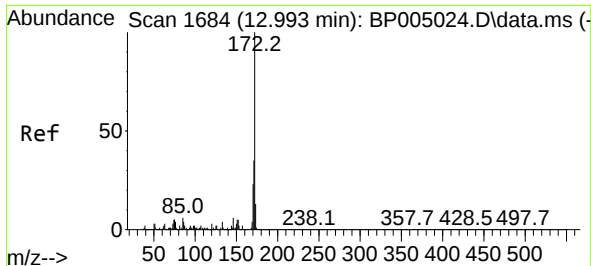
Tgt Ion:164 Resp: 64487
Ion Ratio Lower Upper
164 100
162 99.4 79.4 119.2
160 41.2 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 0.09 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BP005209.D
Acq: 06 Apr 2021 22:15

Tgt Ion:330 Resp: 76
Ion Ratio Lower Upper
330 100
332 159.2 77.1 115.7#
141 160.5 23.4 35.2#

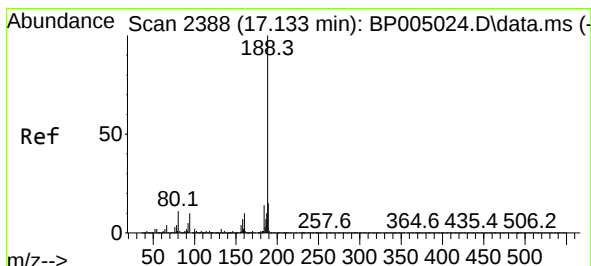
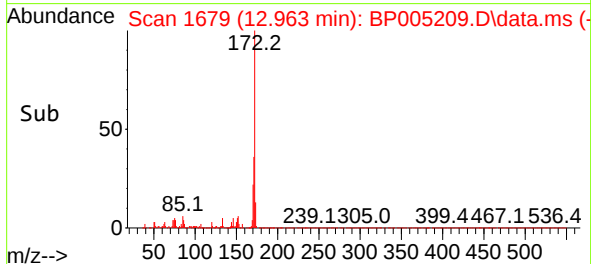
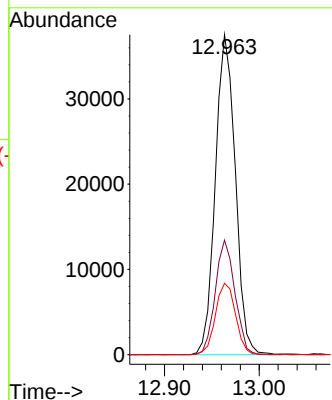
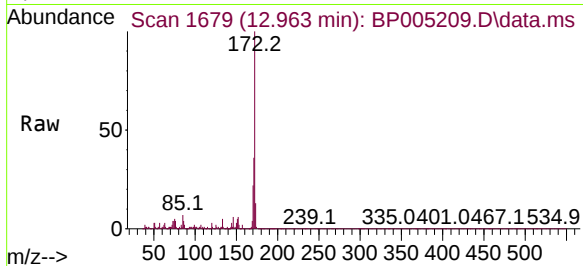




#45
2-Fluorobiphenyl
Concen: 11.55 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005209.D
Acq: 06 Apr 2021 22:15

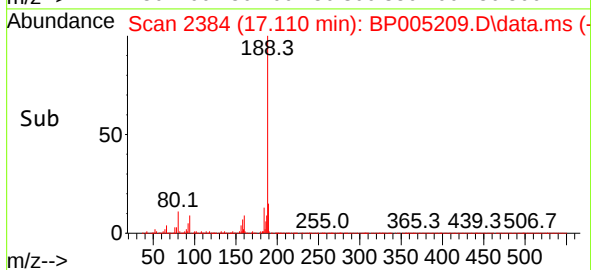
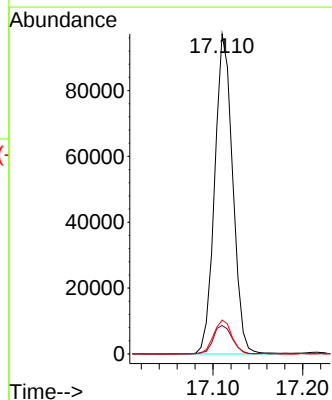
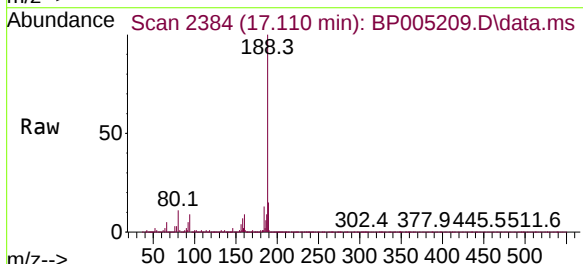
Instrument :
BNA_P
ClientSampleId :
B4-8-10DL

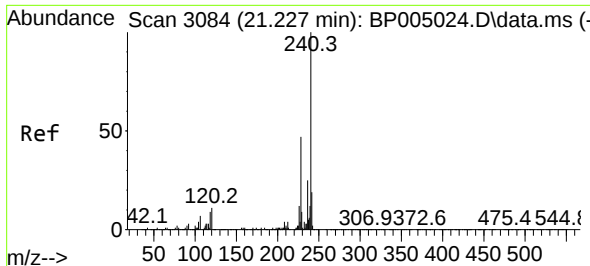
Tgt Ion:172	Resp:	55070
Ion Ratio	Lower	Upper
172	100	
171	35.8	28.5 42.7
170	22.3	19.2 28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.110 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BP005209.D
Acq: 06 Apr 2021 22:15

Tgt Ion:188	Resp:	135226
Ion Ratio	Lower	Upper
188	100	
94	8.9	6.2 9.2
80	10.6	6.2 9.2#

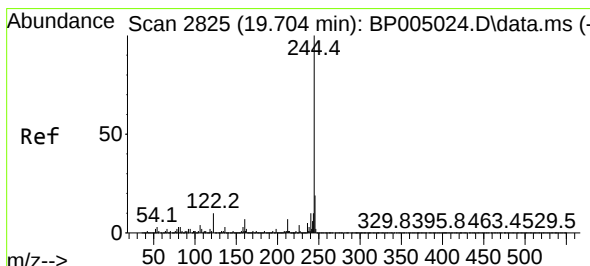
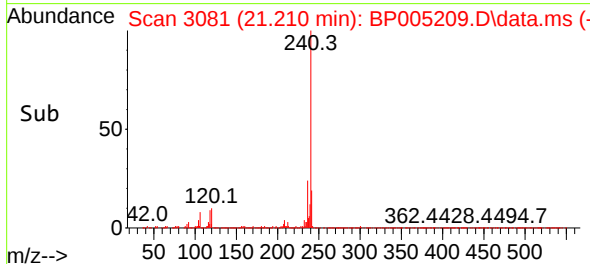
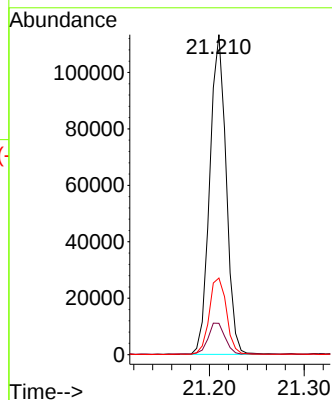
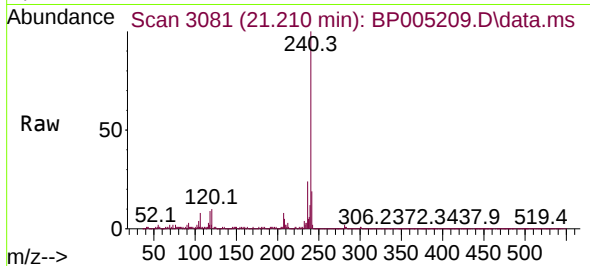




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP005209.D
Acq: 06 Apr 2021 22:15

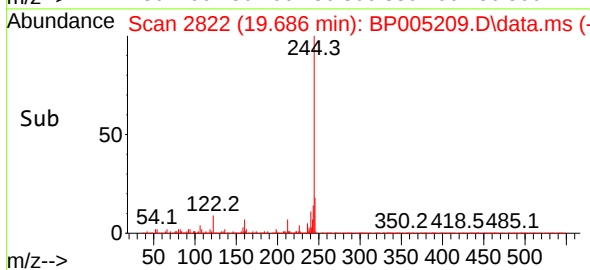
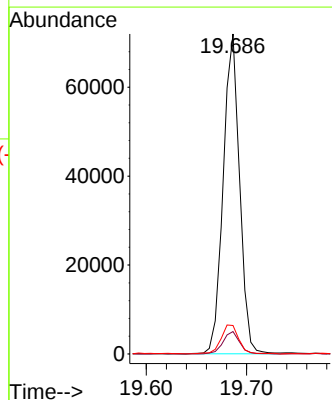
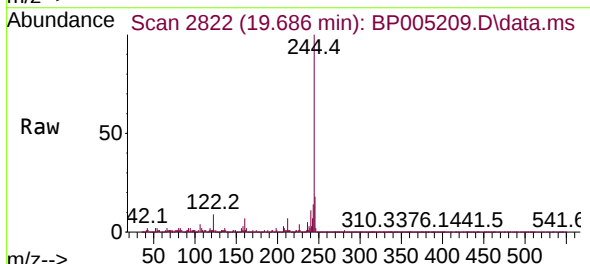
Instrument :
BNA_P
ClientSampleId :
B4-8-10DL

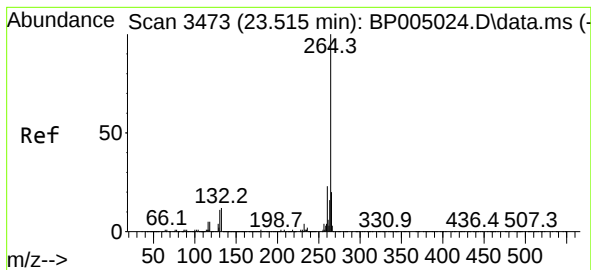
Tgt Ion:240 Resp: 136098
Ion Ratio Lower Upper
240 100
120 9.8 7.8 11.6
236 24.0 20.8 31.2



#79
Terphenyl-d14
Concen: 10.90 ng
RT: 19.686 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BP005209.D
Acq: 06 Apr 2021 22:15

Tgt Ion:244 Resp: 81473
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 8.9 7.8 11.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.492 min Scan# 3469
Delta R.T. 0.000 min
Lab File: BP005209.D
Acq: 06 Apr 2021 22:15

Instrument :
BNA_P
ClientSampleId :
B4-8-10DL

Tgt Ion:264 Resp: 138470

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.8	28.2
265	22.6	17.4	26.2

