

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
 Data File : BP009015.D
 Acq On : 02 Feb 2022 19:57
 Operator : CG/JU
 Sample : N1359-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DUP020122

Quant Time: Feb 03 06:26:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 03 06:20:22 2022
 Response via : Initial Calibration

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

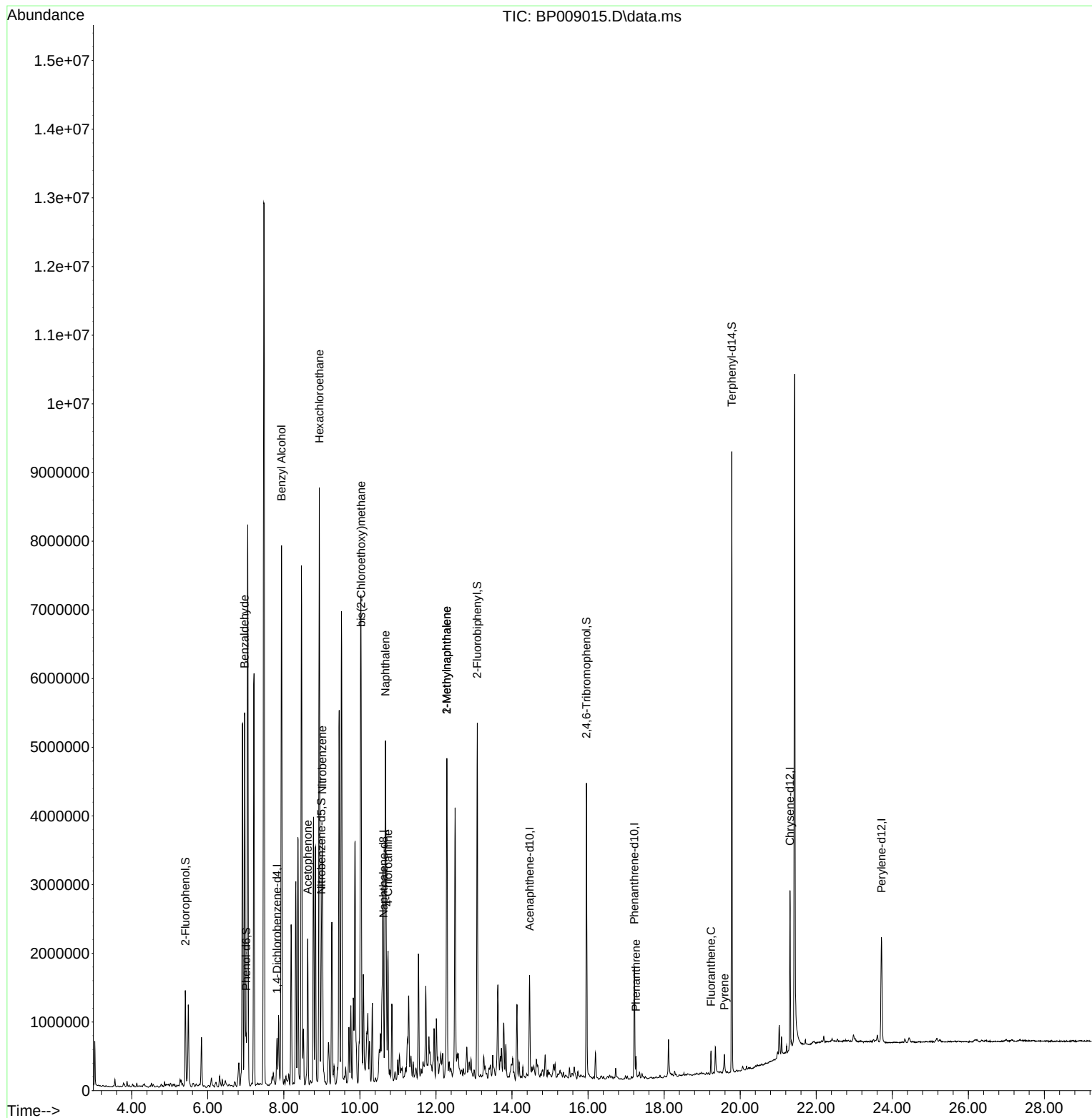
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	185650	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	726379	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	495814	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1065614	20.000	ng	-0.01
76) Chrysene-d12	21.310	240	1161499	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1232426	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	670014	55.810	ng	0.00
7) Phenol-d6	7.011	99	493036	33.915	ng	0.00
23) Nitrobenzene-d5	8.987	82	1086326	84.907	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	950722	131.732	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	2929533	77.918	ng	0.00
79) Terphenyl-d14	19.780	244	4346053	63.159	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.969	77	404856	41.668	ng	# 1
15) Benzyl Alcohol	7.940	79	417037	40.891	ng	# 5
18) Hexachloroethane	8.934	117	869443	165.998	ng	# 1
22) Acetophenone	8.628	105	1522470	82.279	ng	# 60
24) Nitrobenzene	9.010	77	128334	9.930	ng	# 1
28) bis(2-Chloroethoxy)met...	10.034	93	35575	2.358	ng	# 67
31) Naphthalene	10.675	128	2333544	59.148	ng	# 95
33) 4-Chloroaniline	10.740	127	47840	2.976	ng	# 1
37) 2-Methylnaphthalene	12.287	142	2420144	83.913	ng	96
38) 1-Methylnaphthalene	12.287	142	2420144	91.420	ng	98
71) Phenanthrene	17.263	178	189038	3.151	ng	99
75) Fluoranthene	19.233	202	194570	2.916	ng	97
78) Pyrene	19.586	202	171395	2.115	ng	98

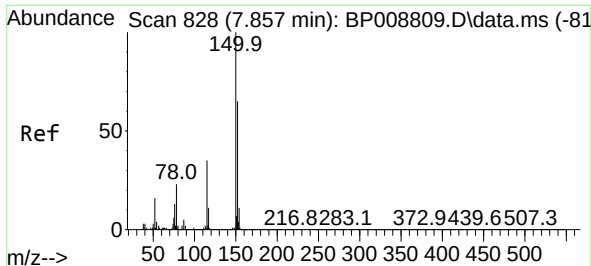
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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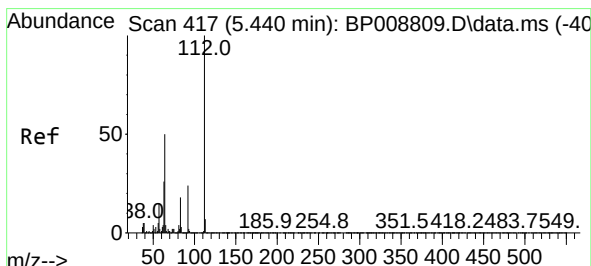
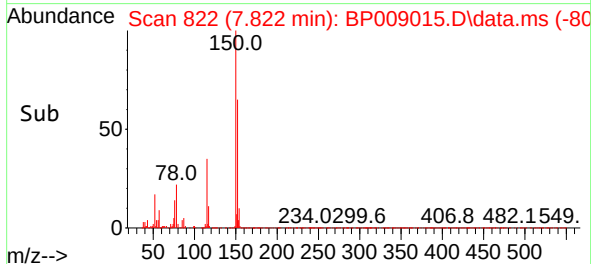
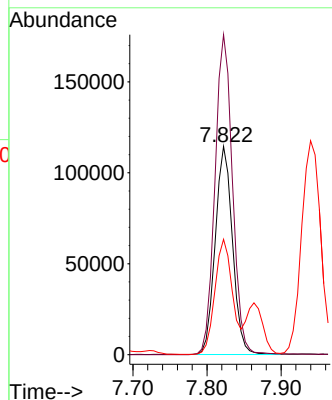
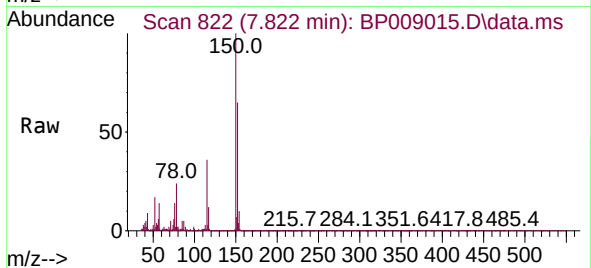




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

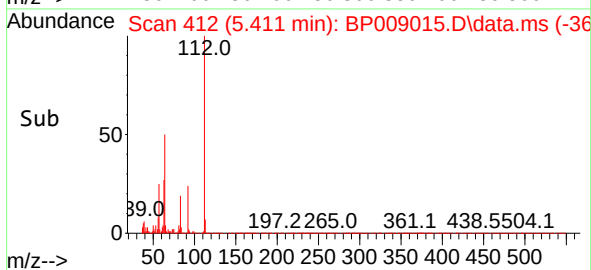
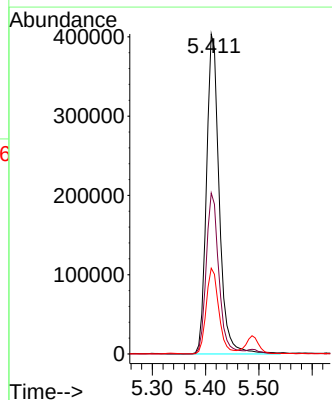
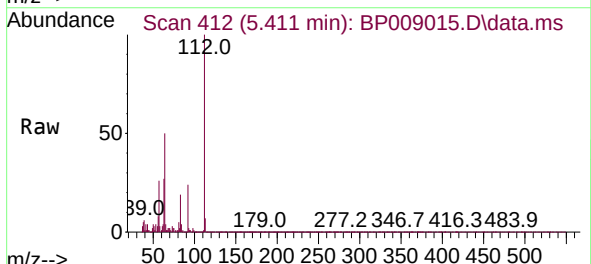
Instrument :
BNA_P
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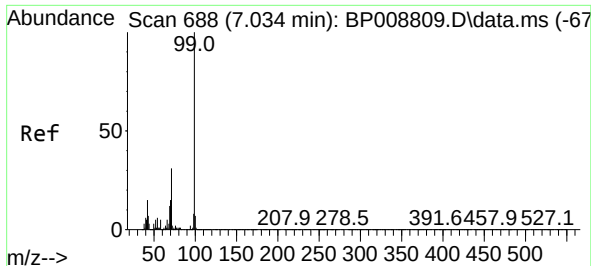
Tgt Ion:152 Resp: 185650
Ion Ratio Lower Upper
152 100
150 153.6 127.0 190.6
115 55.4 43.7 65.5



#5
2-Fluorophenol
Concen: 55.810 ng
RT: 5.411 min Scan# 412
Delta R.T. 0.000 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

Tgt Ion:112 Resp: 670014
Ion Ratio Lower Upper
112 100
64 50.3 39.7 59.5
63 26.8 20.0 30.0

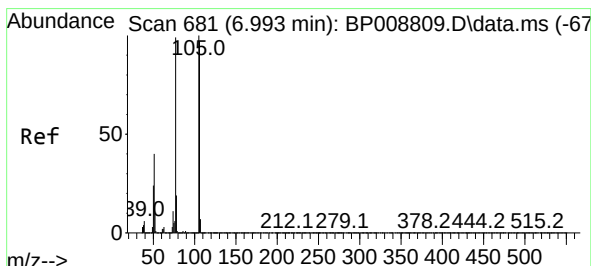
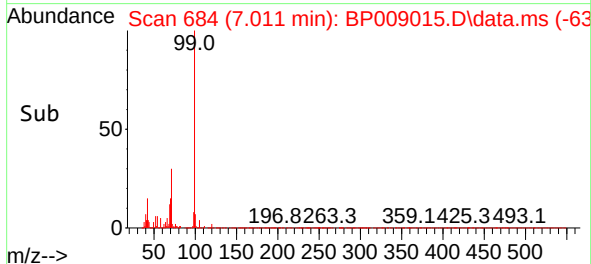
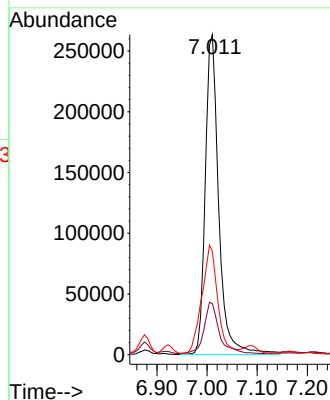
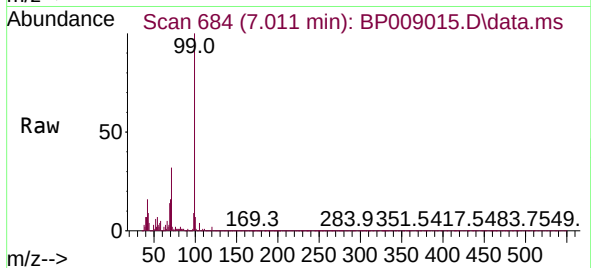




#7
Phenol-d6
Concen: 33.915 ng
RT: 7.011 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

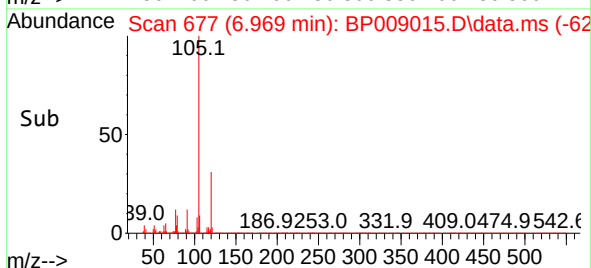
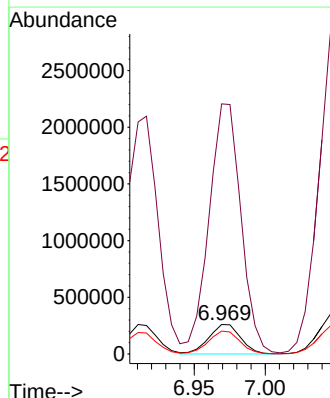
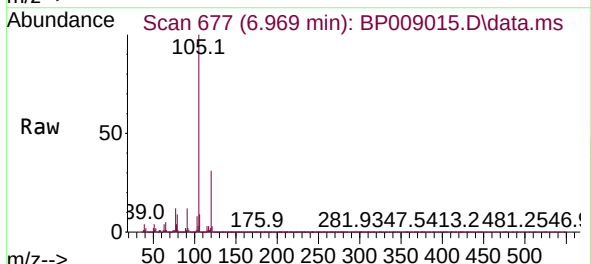
Instrument :
BNA_P
ClientSampleId :
DUP020122

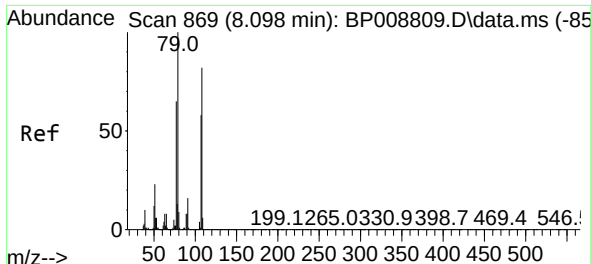
Tgt Ion: 99 Resp: 493036
Ion Ratio Lower Upper
99 100
42 15.9 10.8 16.2
71 32.3 23.8 35.6



#9
Benzaldehyde
Concen: 41.668 ng
RT: 6.969 min Scan# 677
Delta R.T. 0.000 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

Tgt Ion: 77 Resp: 404856
Ion Ratio Lower Upper
77 100
105 848.8 84.2 124.2#
106 77.7 80.6 120.6#

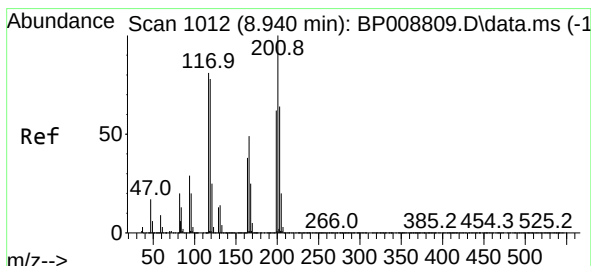
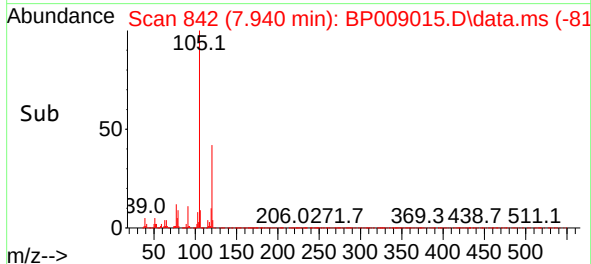
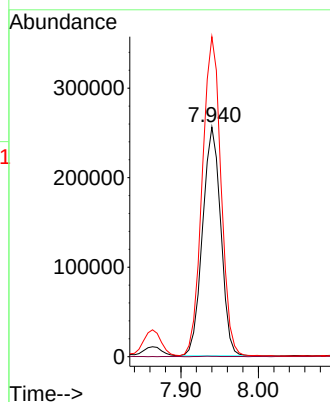
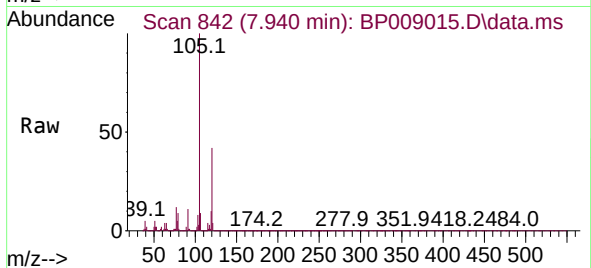




#15
Benzyl Alcohol
Concen: 40.891 ng
RT: 7.940 min Scan# 84
Delta R.T. -0.135 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

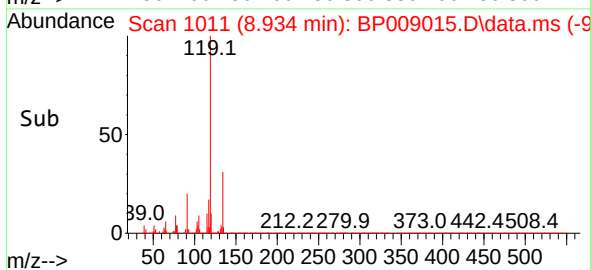
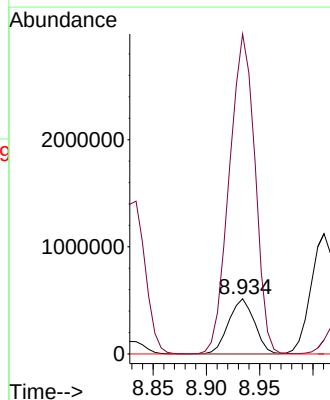
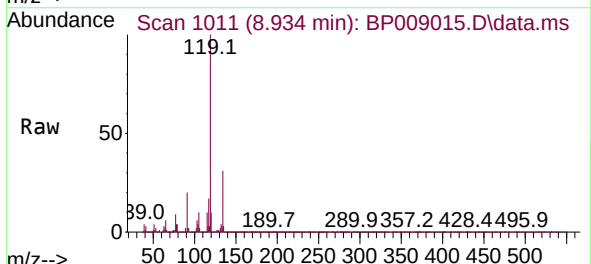
Instrument :
BNA_P
ClientSampleId :
DUP020122

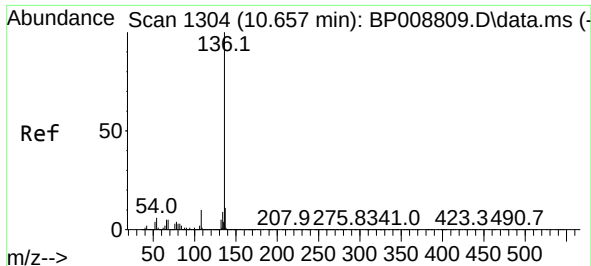
Tgt Ion: 79 Resp: 417037
Ion Ratio Lower Upper
79 100
108 0.2 67.8 101.8#
77 139.3 50.7 76.1#



#18
Hexachloroethane
Concen: 165.998 ng
RT: 8.934 min Scan# 1011
Delta R.T. 0.035 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

Tgt Ion: 117 Resp: 869443
Ion Ratio Lower Upper
117 100
119 579.2 76.9 115.3#
201 0.0 93.7 140.5#

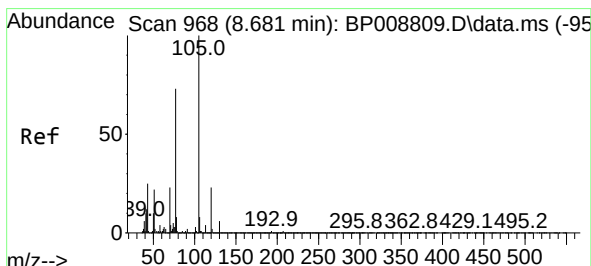
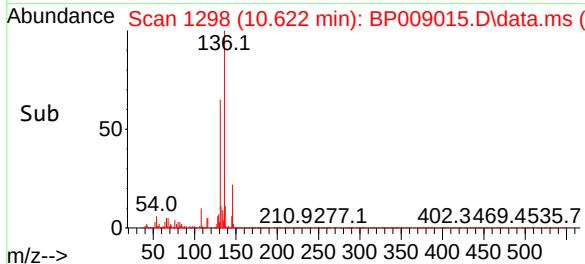
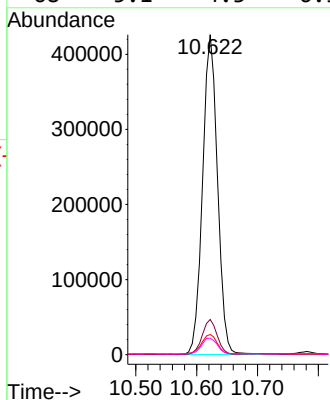
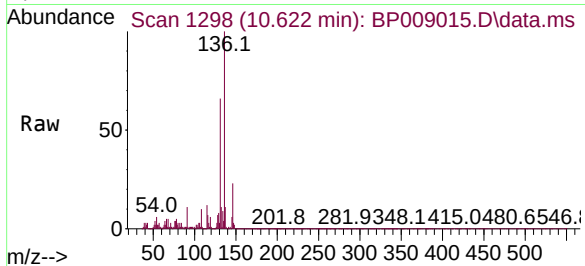




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

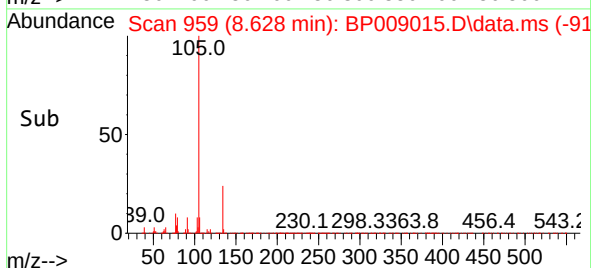
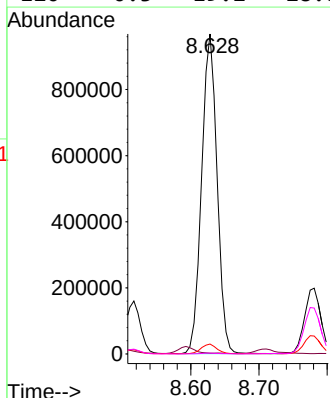
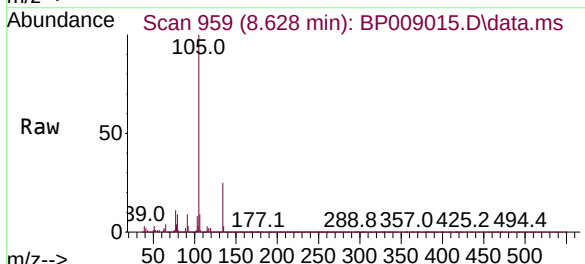
Instrument :
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ClientSampleId :
DUP020122

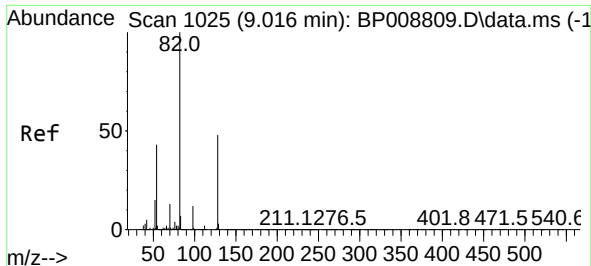
Tgt Ion:	136	Resp:	726379
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.3	4.9	7.3
68	5.1	4.3	6.5



#22
Acetophenone
Concen: 82.279 ng
RT: 8.628 min Scan# 959
Delta R.T. -0.023 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

Tgt Ion:	105	Resp:	1522470
Ion	Ratio	Lower	Upper
105	100		
71	0.3	5.3	7.9#
51	3.1	16.3	24.5#
120	0.3	19.2	28.8#

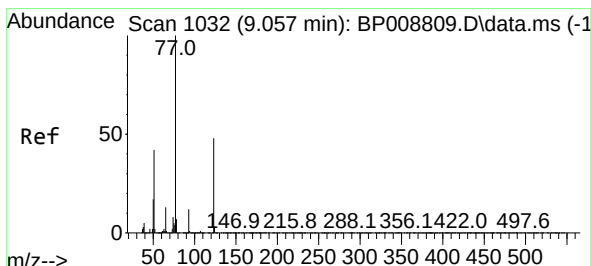
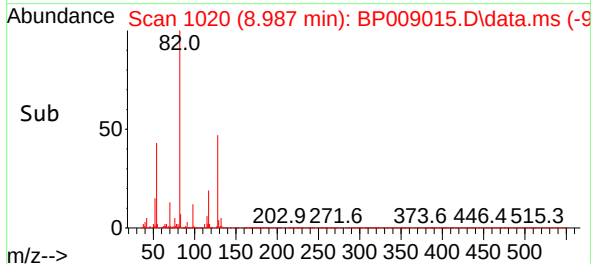
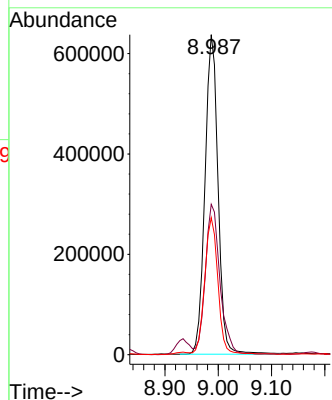
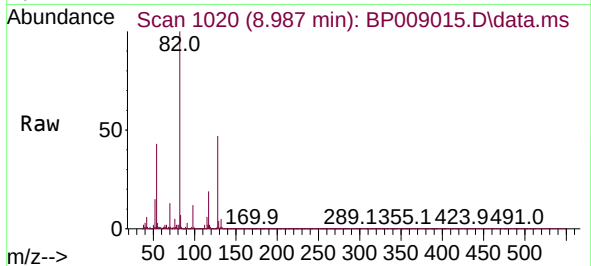




#23
Nitrobenzene-d5
Concen: 84.907 ng
RT: 8.987 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

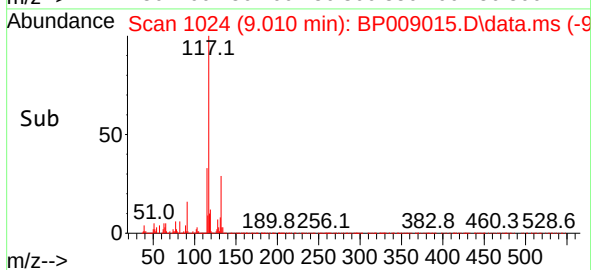
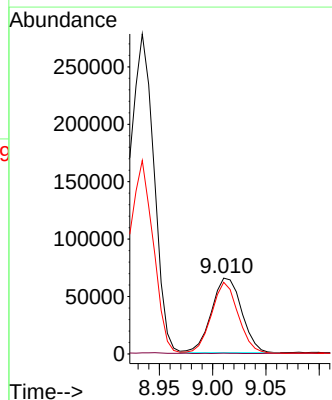
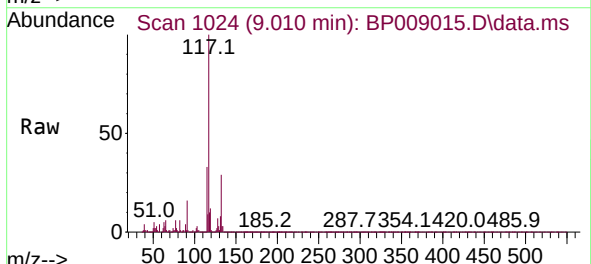
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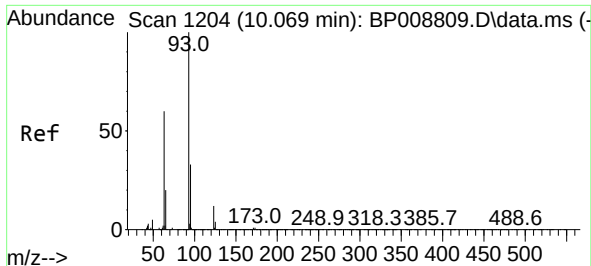
Tgt Ion: 82 Resp: 1086326
Ion Ratio Lower Upper
82 100
128 47.0 39.4 59.2
54 42.8 32.6 48.8



#24
Nitrobenzene
Concen: 9.930 ng
RT: 9.010 min Scan# 1024
Delta R.T. -0.023 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

Tgt Ion: 77 Resp: 128334
Ion Ratio Lower Upper
77 100
123 1.0 41.4 62.2#
65 94.5 9.8 14.8#

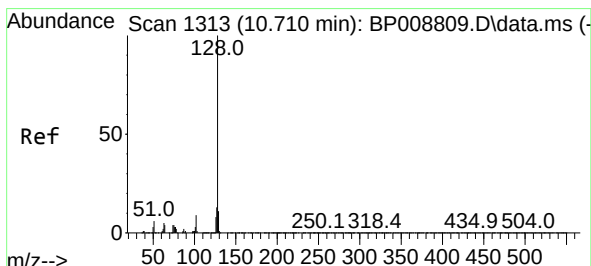
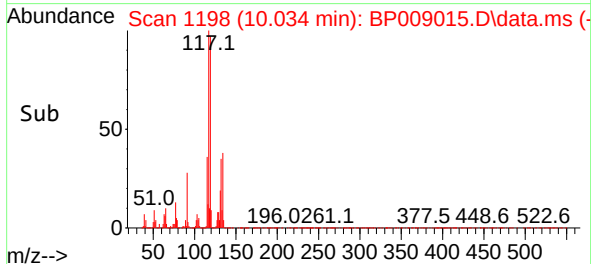
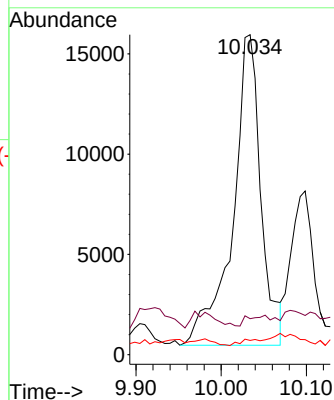
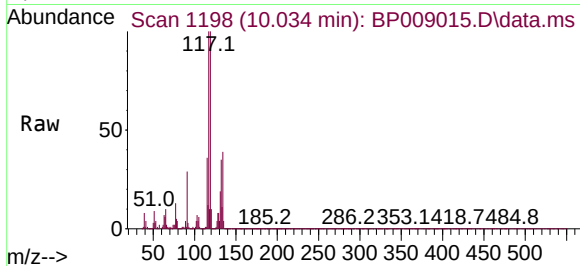




#28
bis(2-Chloroethoxy)methane
Concen: 2.358 ng
RT: 10.034 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

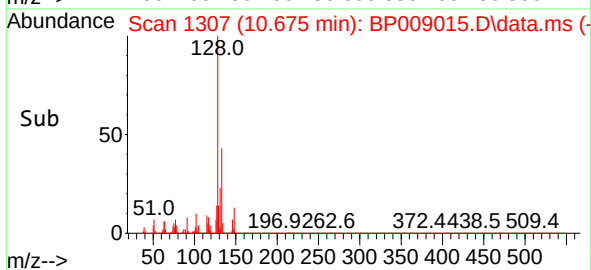
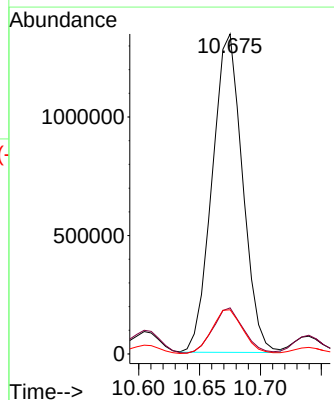
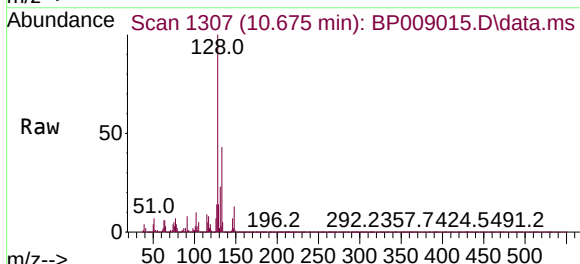
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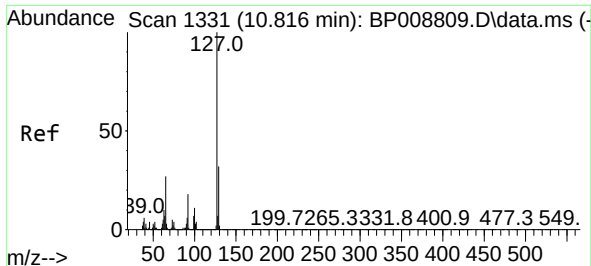
Tgt Ion: 93 Resp: 35575
Ion Ratio Lower Upper
93 100
95 11.2 25.8 38.8#
123 4.4 9.7 14.5#



#31
Naphthalene
Concen: 59.148 ng
RT: 10.675 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

Tgt Ion: 128 Resp: 2333544
Ion Ratio Lower Upper
128 100
129 14.4 8.8 13.2#
127 13.8 10.4 15.6

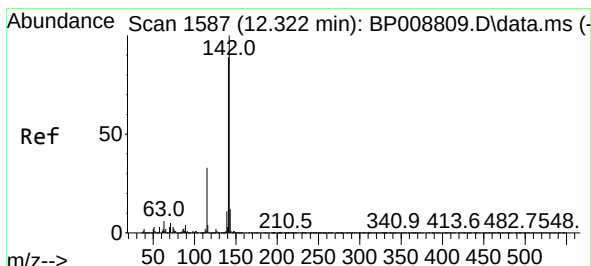
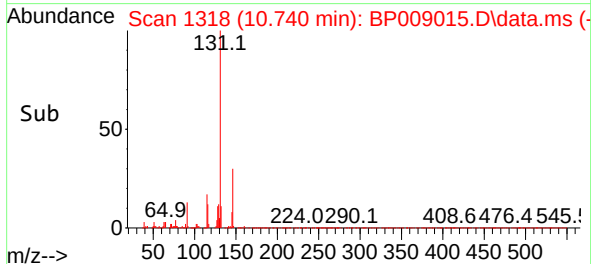
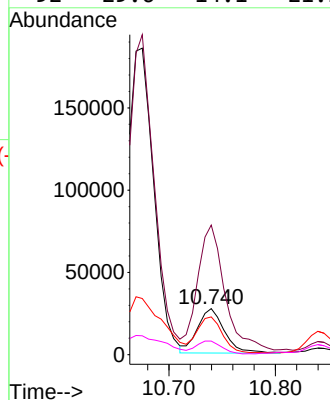
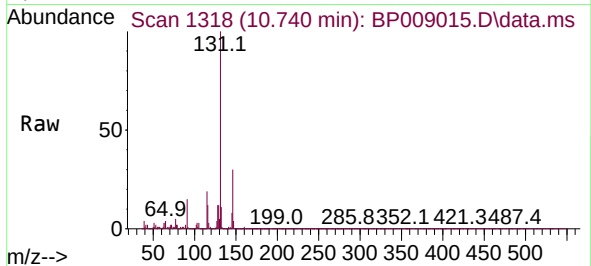




#33
4-Chloroaniline
Concen: 2.976 ng
RT: 10.740 min Scan# 11
Delta R.T. -0.053 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

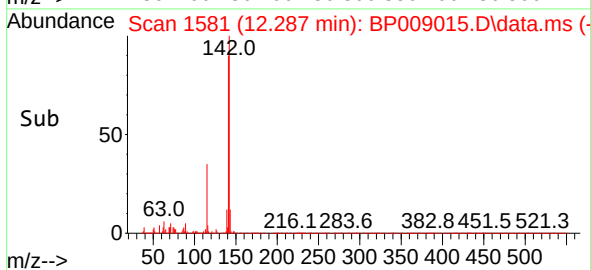
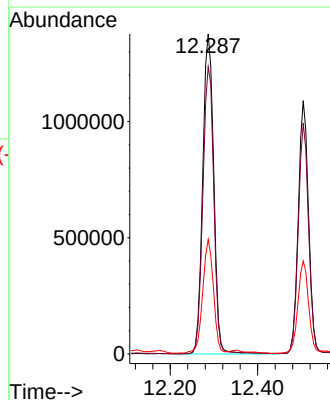
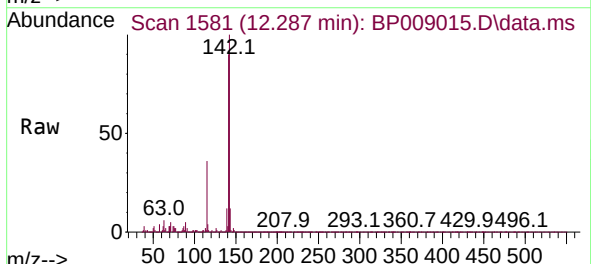
Instrument :
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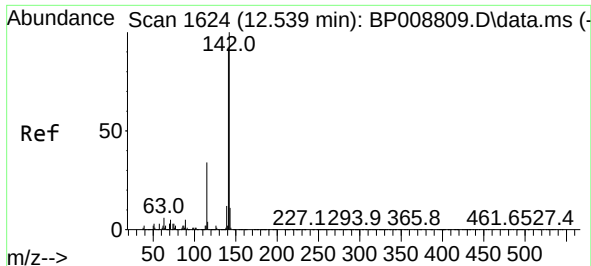
Tgt Ion:	127	Resp:	47840
Ion	Ratio	Lower	Upper
127	100		
129	281.1	26.0	39.0#
65	81.8	20.5	30.7#
92	29.6	14.1	21.1#



#37
2-Methylnaphthalene
Concen: 83.913 ng
RT: 12.287 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

Tgt Ion:	142	Resp:	2420144
Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.5	105.7
115	35.8	24.6	36.8

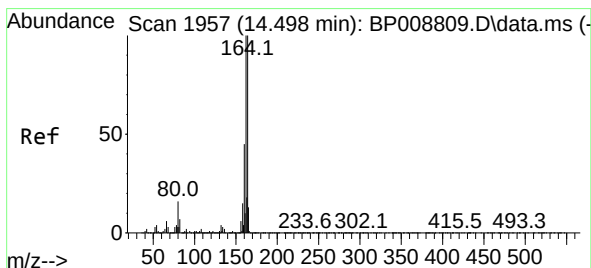
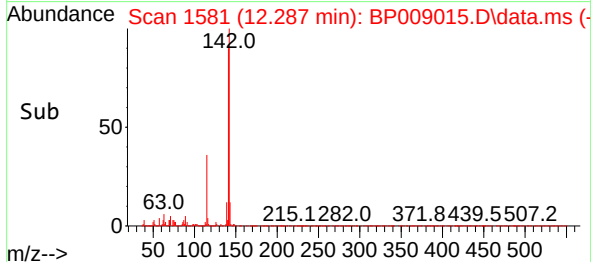
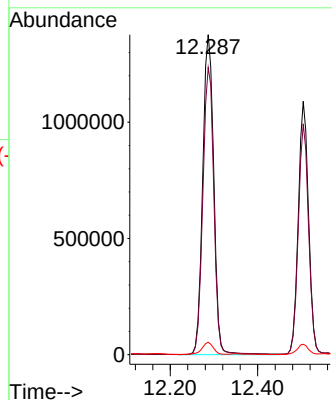
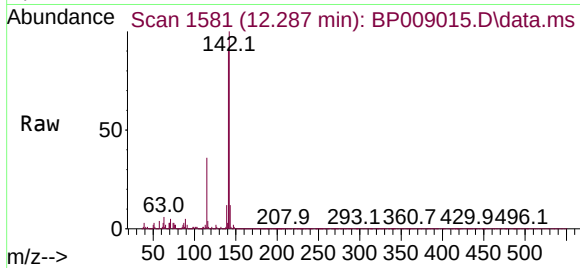




#38
1-Methylnaphthalene
Concen: 91.420 ng
RT: 12.287 min Scan# 1581
Delta R.T. -0.223 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

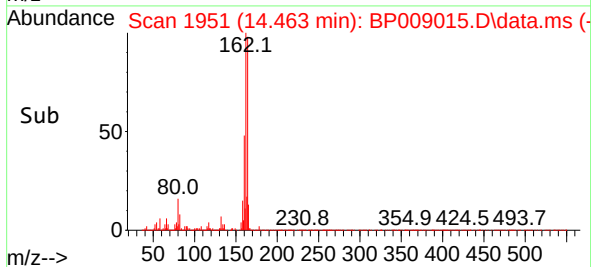
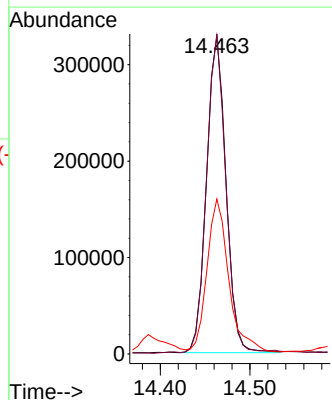
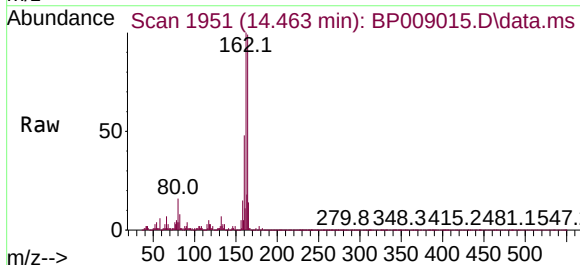
Instrument :
BNA_P
ClientSampleId :
DUP020122

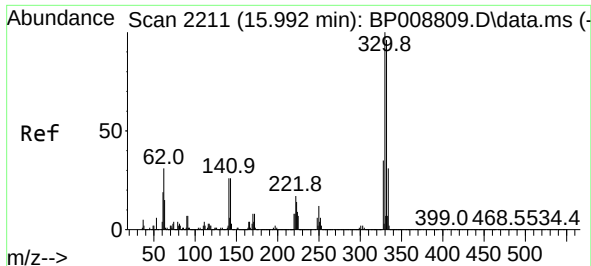
Tgt Ion:142 Resp: 2420144
Ion Ratio Lower Upper
142 100
141 89.7 73.2 109.8
116 3.9 2.7 4.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

Tgt Ion:164 Resp: 495814
Ion Ratio Lower Upper
164 100
162 100.8 79.9 119.9
160 48.8 35.5 53.3

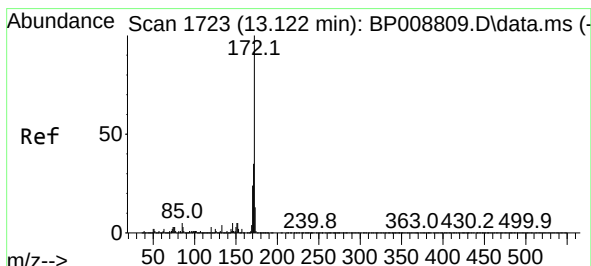
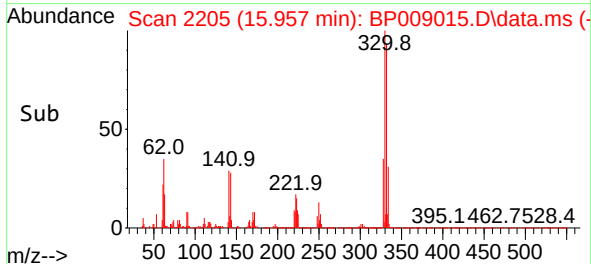
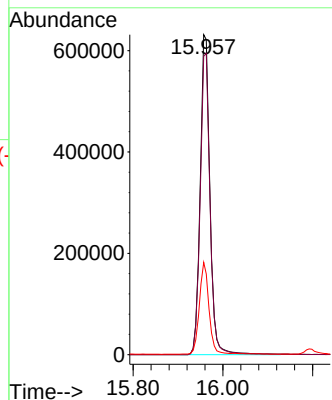
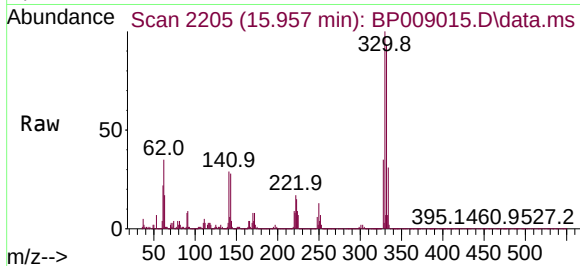




#42
2,4,6-Tribromophenol
Concen: 131.732 ng
RT: 15.957 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

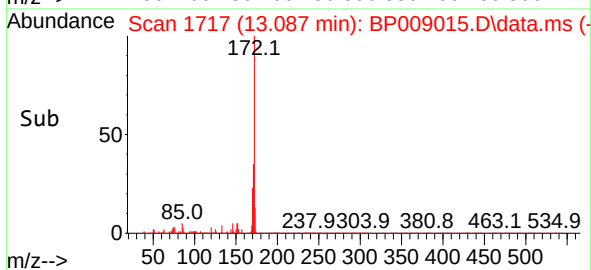
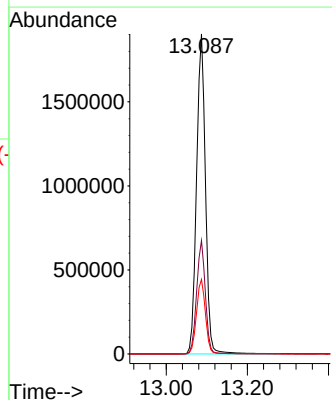
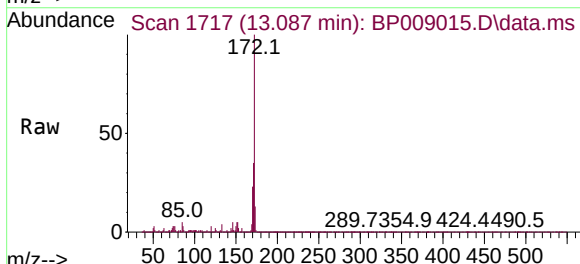
Instrument :
BNA_P
ClientSampleId :
DUP020122

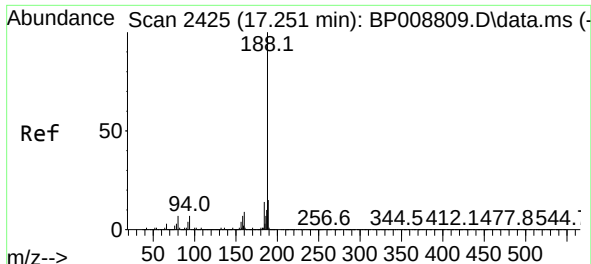
Tgt Ion:330 Resp: 950722
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.4
141 28.5 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 77.918 ng
RT: 13.087 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

Tgt Ion:172 Resp: 2929533
Ion Ratio Lower Upper
172 100
171 35.4 29.3 43.9
170 23.3 19.5 29.3

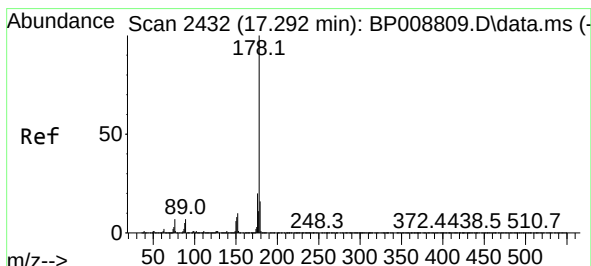
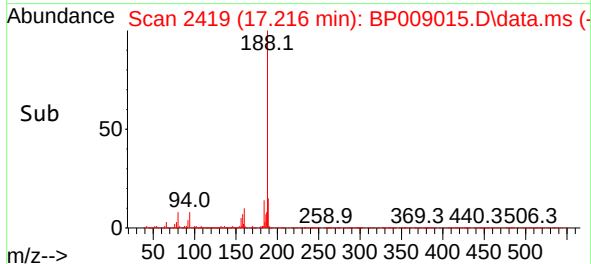
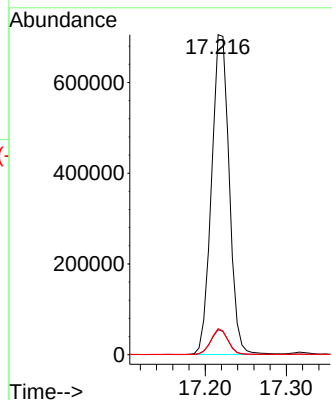
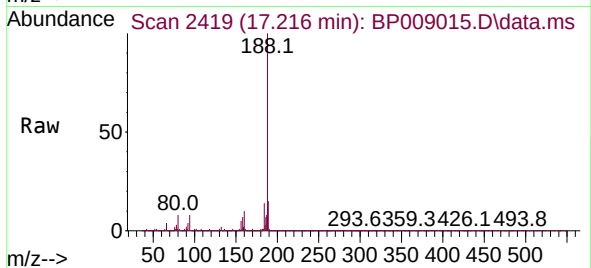




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

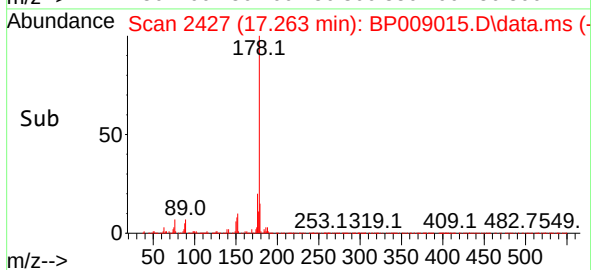
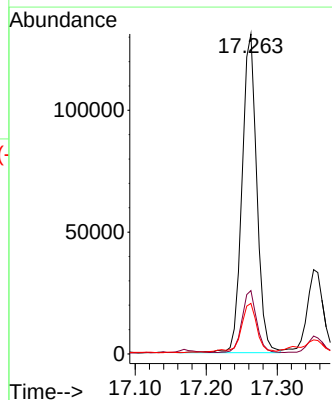
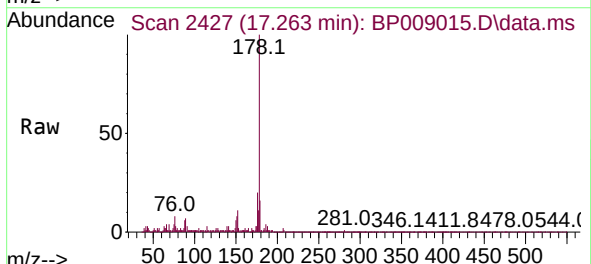
Instrument :
BNA_P
ClientSampleId :
DUP020122

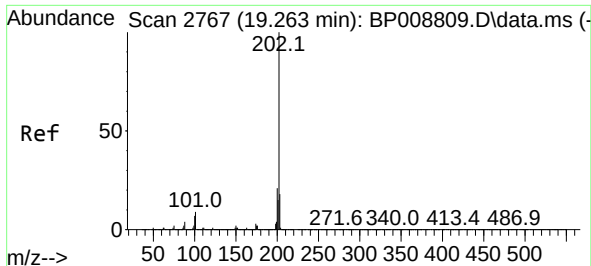
Tgt Ion:188 Resp: 1065614
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.2 7.2 10.8



#71
Phenanthrene
Concen: 3.151 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

Tgt Ion:178 Resp: 189038
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.8 13.0 19.4

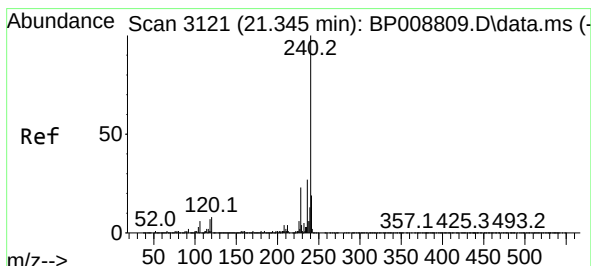
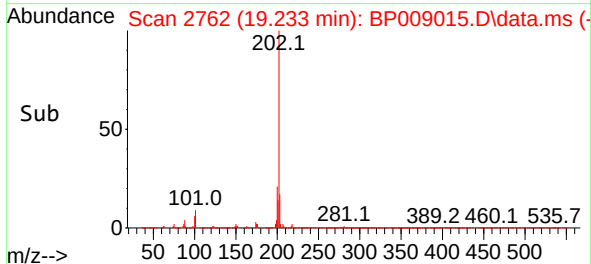
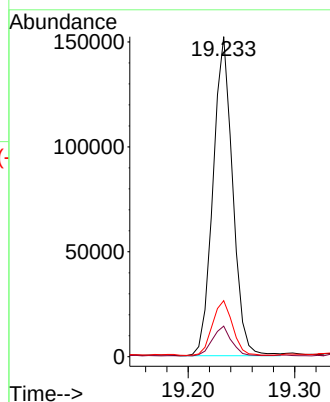
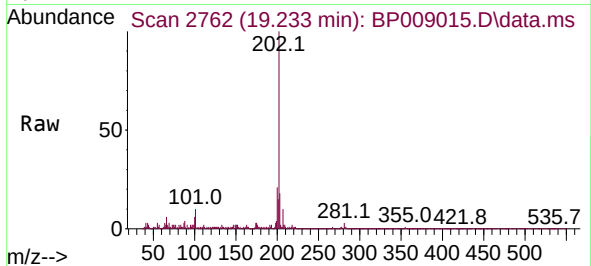




#75
Fluoranthene
Concen: 2.916 ng
RT: 19.233 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

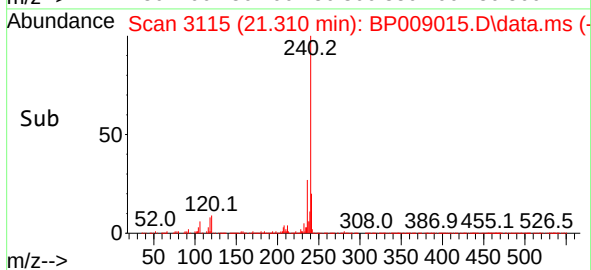
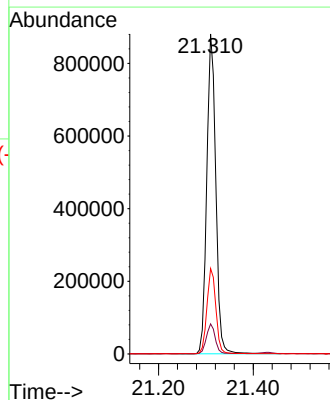
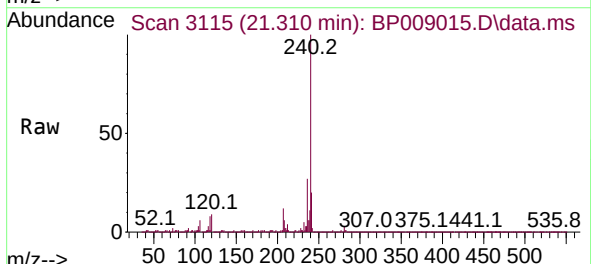
Instrument :
BNA_P
ClientSampleId :
DUP020122

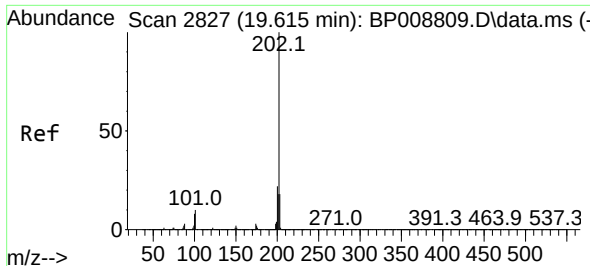
Tgt Ion:	202	Resp:	194570
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	30.7
203	17.5	0.0	38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

Tgt Ion:	240	Resp:	1161499
Ion Ratio	Lower	Upper	
240	100		
120	9.4	7.7	11.5
236	26.7	21.2	31.8

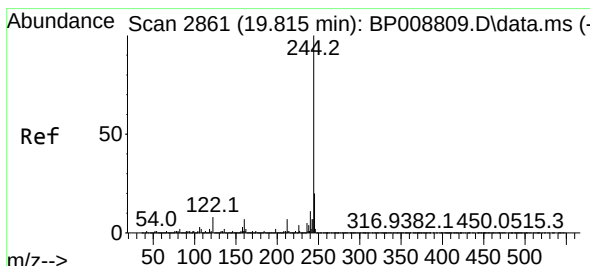
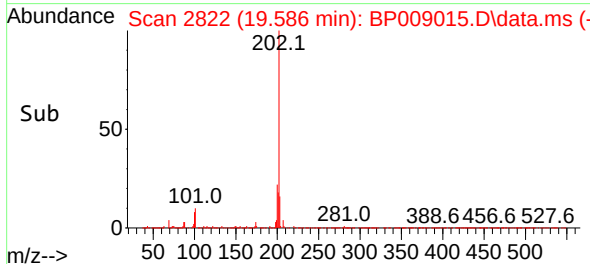
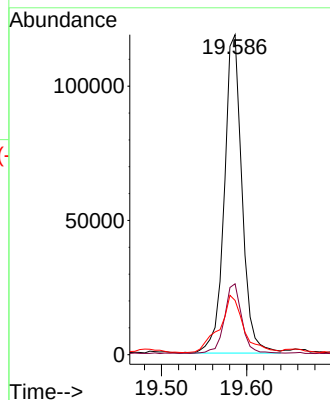
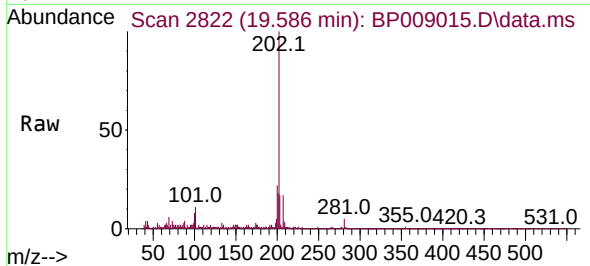




#78
Pyrene
Concen: 2.115 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

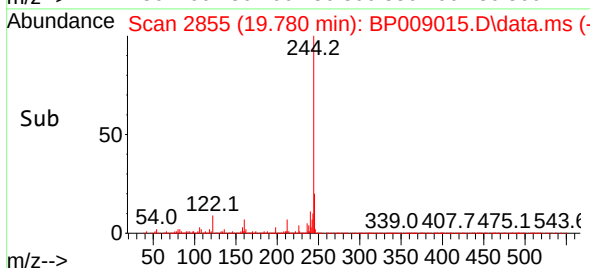
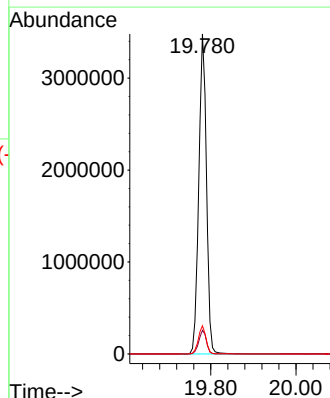
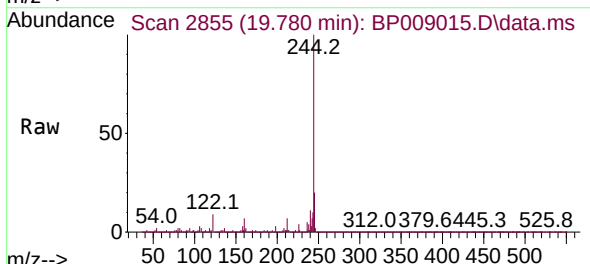
Instrument :
BNA_P
ClientSampleId :
DUP020122

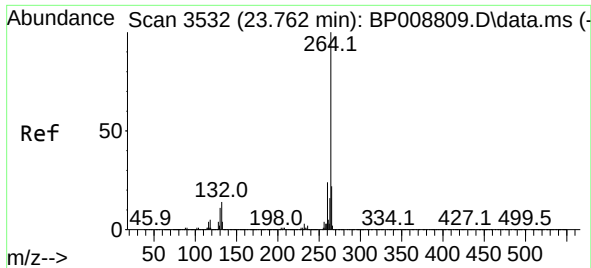
Tgt Ion:202 Resp: 171395
Ion Ratio Lower Upper
202 100
200 22.2 18.0 27.0
203 16.9 15.0 22.6



#79
Terphenyl-d14
Concen: 63.159 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

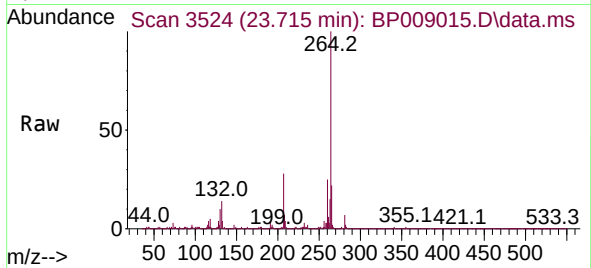
Tgt Ion:244 Resp: 4346053
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 8.8 9.2 13.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.715 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP009015.D
 Acq: 02 Feb 2022 19:57

Instrument :
 BNA_P
 ClientSampleId :
 DUP020122



Tgt Ion:264 Resp: 1232426

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.1	28.7
265	22.1	17.1	25.7

