

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
 Data File : BP009067.D
 Acq On : 08 Feb 2022 19:58
 Operator : CG/JU
 Sample : N1381-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DB-09(10-15)-02-02-22

Quant Time: Feb 09 00:28:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

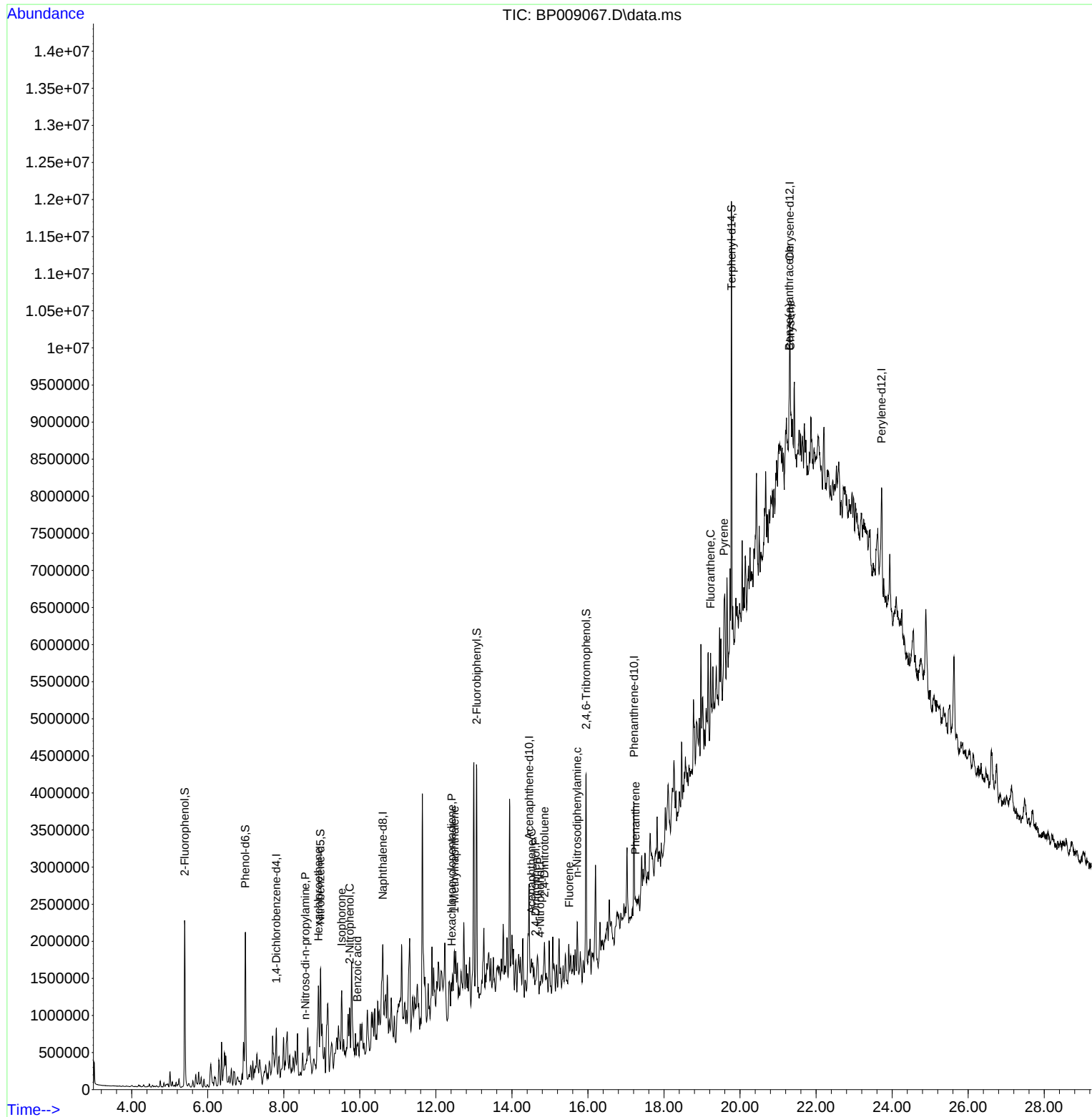
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	185676	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	630060	20.000	ng	# 0.00
39) Acenaphthene-d10	14.451	164	383520	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	859015	20.000	ng	0.00
76) Chrysene-d12	21.310	240	1041744	20.000	ng	0.01
86) Perylene-d12	23.721	264	1245251	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1117800	107.388	ng	0.00
7) Phenol-d6	6.987	99	1325850	96.667	ng	0.00
23) Nitrobenzene-d5	8.963	82	824920	73.835	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	635398	124.085	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	1817229	66.331	ng	0.00
79) Terphenyl-d14	19.774	244	3026175	52.240	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	8.910	117	61068	13.292	ng	# 1
19) n-Nitroso-di-n-propyla...	8.569	70	22335	2.844	ng	# 66
25) Isophorone	9.522	82	98506	5.307	ng	# 1
26) 2-Nitrophenol	9.734	139	11679	2.138	ng	# 1
32) Benzoic acid	9.934	122	1836	3.005	ng	# 1
38) 1-Methylnaphthalene	12.493	142	172170	7.748	ng	# 97
41) Hexachlorocyclopentadiene	12.416	237	32	8.662	ng	94
52) Acenaphthene	14.516	154	70433	3.429	ng	95
54) 2,4-Dinitrophenol	14.628	184	654	2.439	ng	# 1
56) 4-Nitrophenol	14.739	139	5198	2.977	ng	# 1
57) 2,4-Dinitrotoluene	14.857	165	19871	2.669	ng	# 64
58) Fluorene	15.504	166	75309	2.833	ng	# 82
66) n-Nitrosodiphenylamine	15.716	169	112040	4.301	ng	# 56
71) Phenanthrene	17.251	178	108304	2.328	ng	# 72
75) Fluoranthene	19.227	202	481213	9.231	ng	92
78) Pyrene	19.580	202	606937	8.190	ng	# 93
81) Benzo(a)anthracene	21.292	228	147446	2.196	ng	# 26
83) Chrysene	21.327	228	373465	5.771	ng	# 49

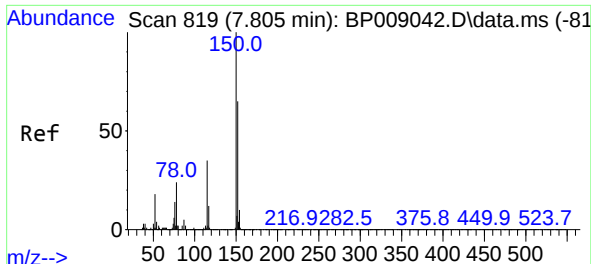
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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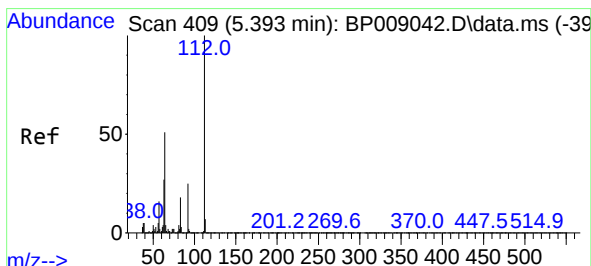
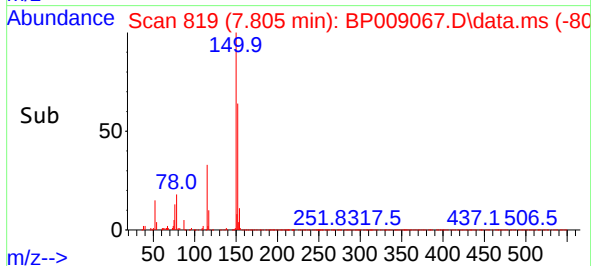
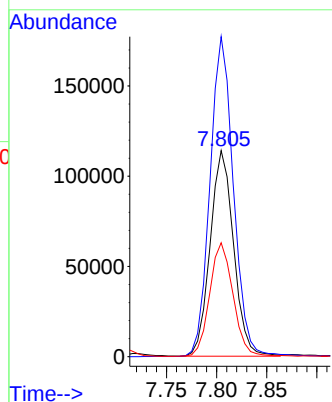
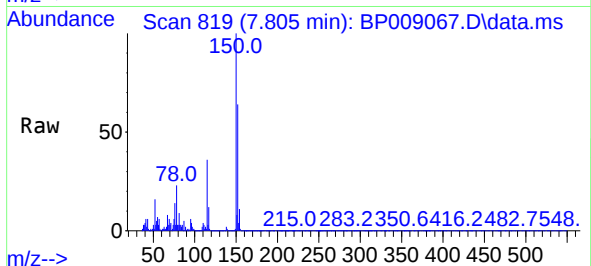




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP009067.D
Acq: 08 Feb 2022 19:58

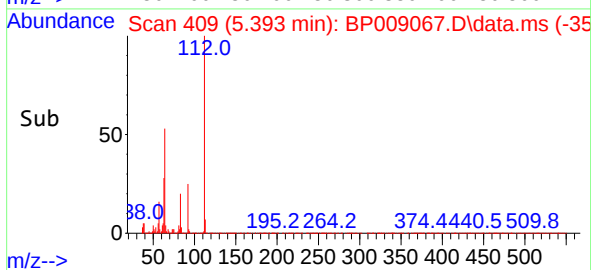
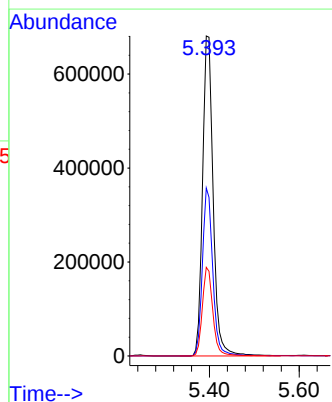
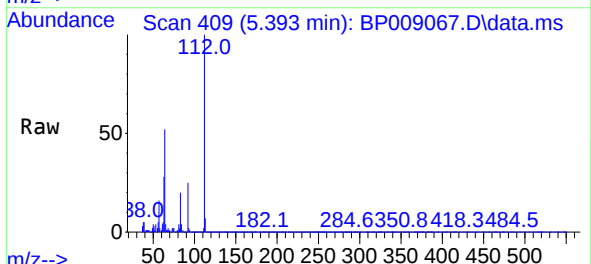
Instrument :
BNA_P
ClientSampleId :
DB-09(10-15)-02-02-22

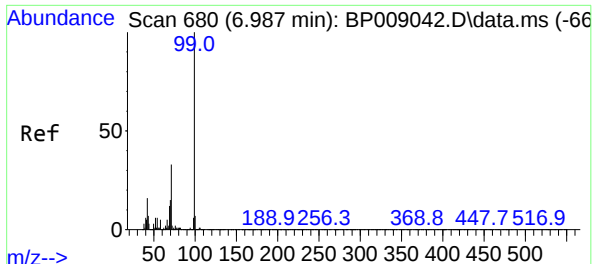
Tgt Ion:152 Resp: 185676
Ion Ratio Lower Upper
152 100
150 155.3 127.0 190.6
115 55.3 43.7 65.5



#5
2-Fluorophenol
Concen: 107.388 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.000 min
Lab File: BP009067.D
Acq: 08 Feb 2022 19:58

Tgt Ion:112 Resp: 1117800
Ion Ratio Lower Upper
112 100
64 52.5 39.7 59.5
63 27.7 20.0 30.0

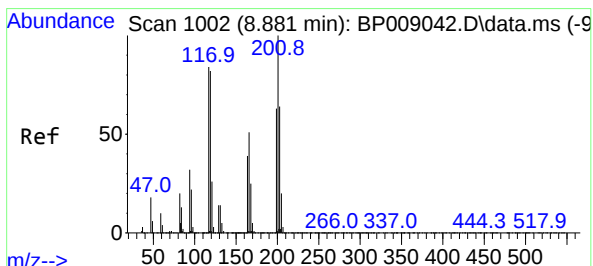
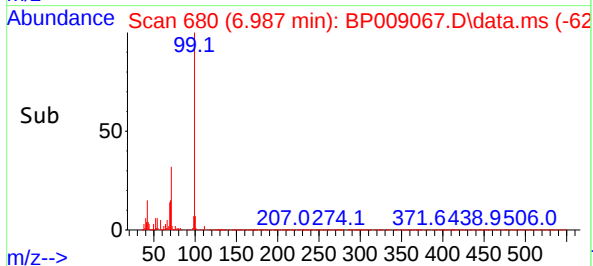
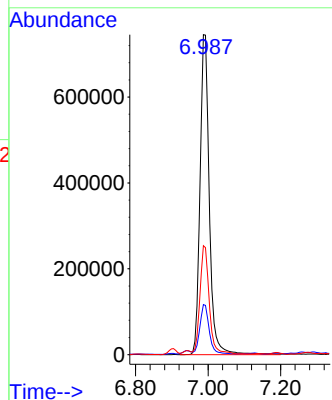
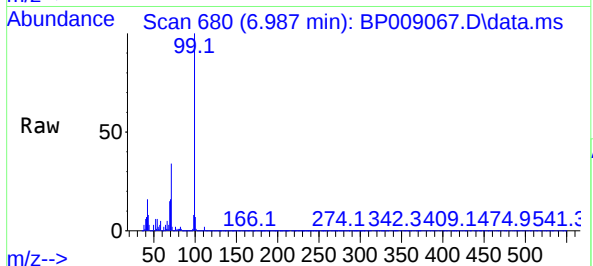




#7
Phenol-d6
Concen: 96.667 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009067.D
Acq: 08 Feb 2022 19:58

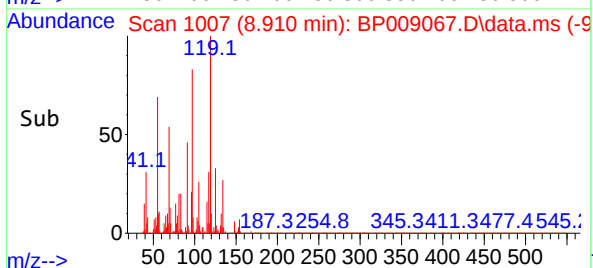
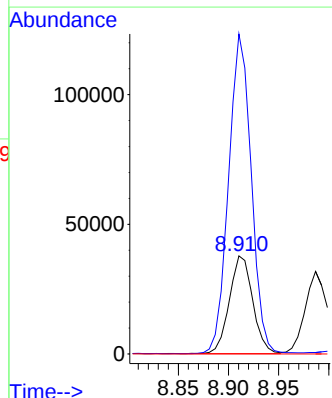
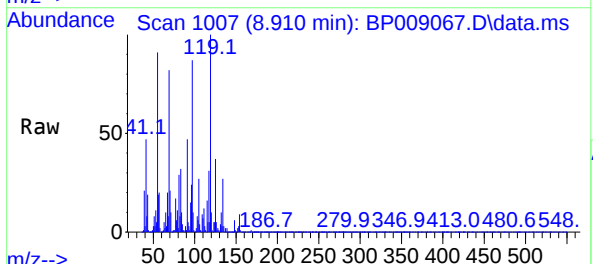
Instrument :
BNA_P
ClientSampleId :
DB-09(10-15)-02-02-22

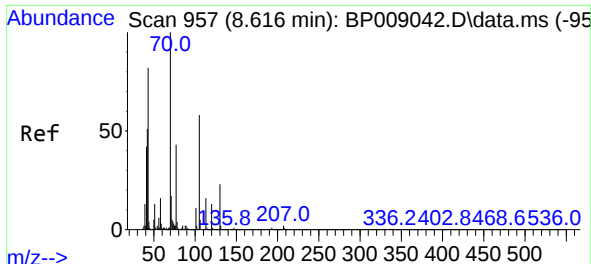
Tgt Ion: 99 Resp: 1325850
Ion Ratio Lower Upper
99 100
42 15.6 10.8 16.2
71 34.0 23.8 35.6



#18
Hexachloroethane
Concen: 13.292 ng
RT: 8.910 min Scan# 1007
Delta R.T. 0.029 min
Lab File: BP009067.D
Acq: 08 Feb 2022 19:58

Tgt Ion: 117 Resp: 61068
Ion Ratio Lower Upper
117 100
119 326.2 76.9 115.3#
201 0.0 93.7 140.5#





#19

n-Nitroso-di-n-propylamine

Concen: 2.844 ng

RT: 8.569 min Scan# 949

Delta R.T. -0.047 min

Lab File: BP009067.D

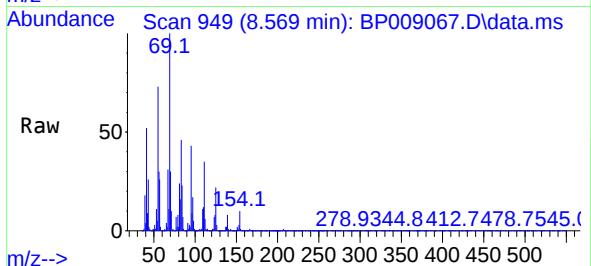
Acq: 08 Feb 2022 19:58

Instrument :

BNA_P

ClientSampleId :

DB-09(10-15)-02-02-22



Tgt Ion: 70 Resp: 22335

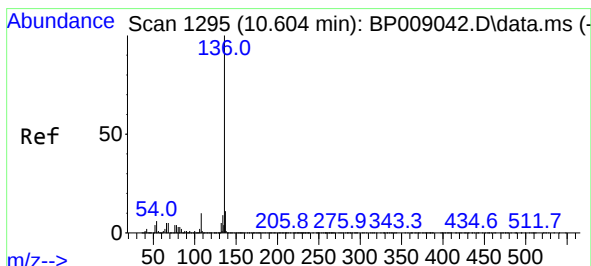
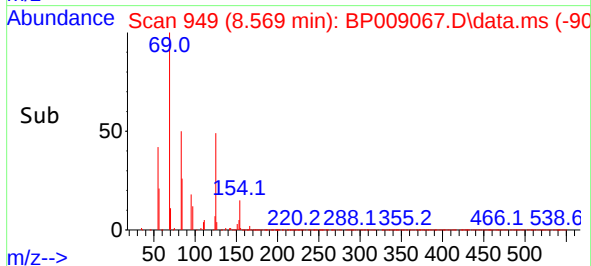
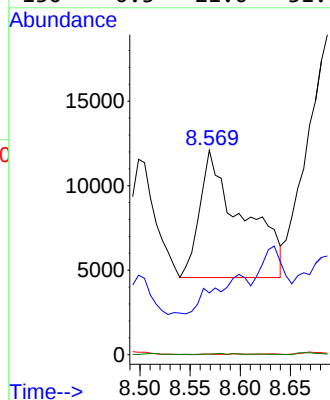
Ion Ratio Lower Upper

70 100

42 30.2 38.2 57.2#

101 0.2 8.7 13.1#

130 0.3 21.0 31.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.604 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BP009067.D

Acq: 08 Feb 2022 19:58

Tgt Ion:136 Resp: 630060

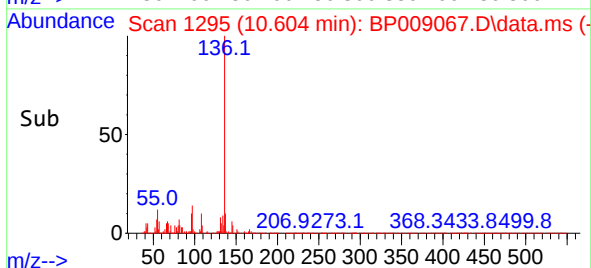
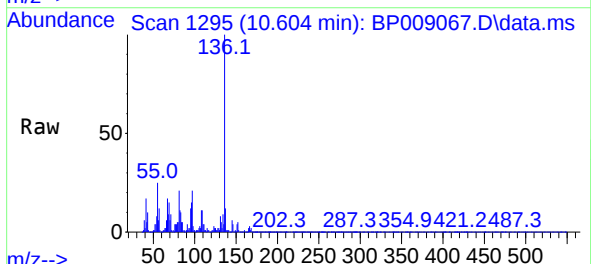
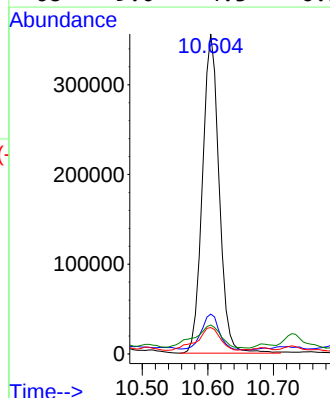
Ion Ratio Lower Upper

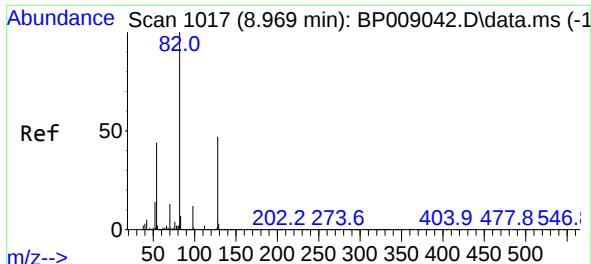
136 100

137 12.4 9.0 13.4

54 8.3 4.9 7.3#

68 9.0 4.3 6.5#

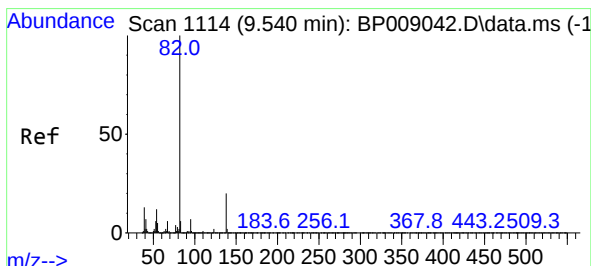
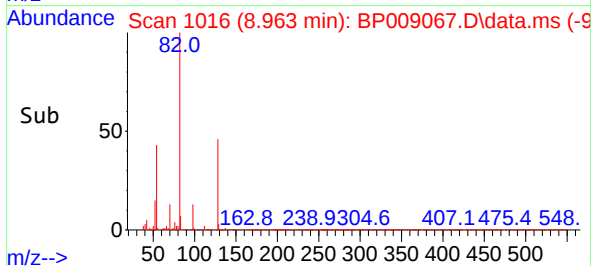
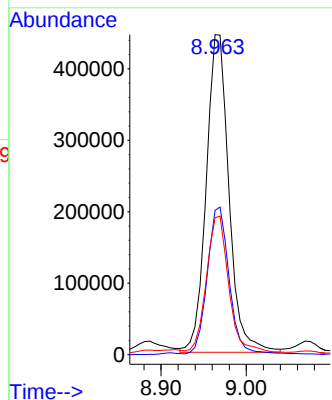
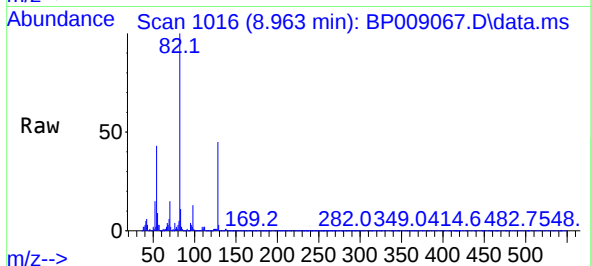




#23
Nitrobenzene-d5
Concen: 73.835 ng
RT: 8.963 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP009067.D
Acq: 08 Feb 2022 19:58

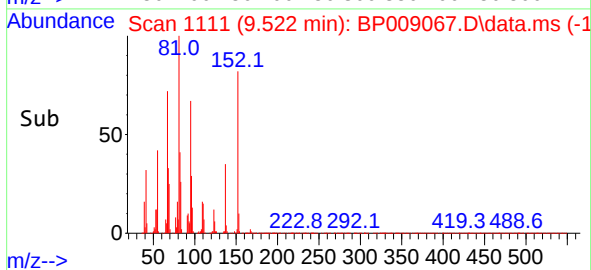
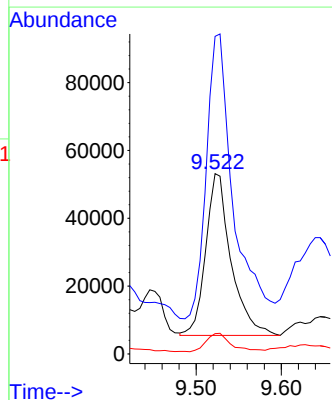
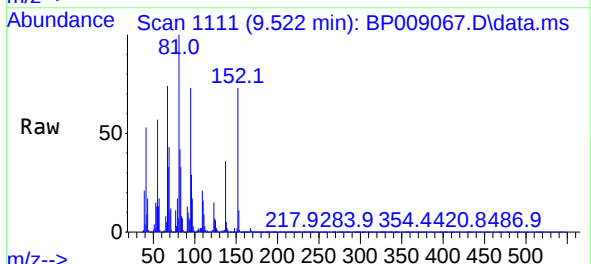
Instrument :
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ClientSampleId :
DB-09(10-15)-02-02-22

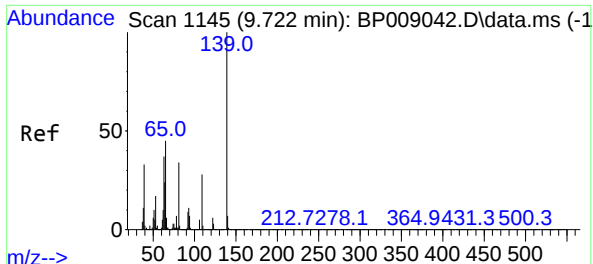
Tgt Ion: 82 Resp: 824920
Ion Ratio Lower Upper
82 100
128 45.1 39.4 59.2
54 42.8 32.6 48.8



#25
Isophorone
Concen: 5.307 ng
RT: 9.522 min Scan# 1111
Delta R.T. -0.018 min
Lab File: BP009067.D
Acq: 08 Feb 2022 19:58

Tgt Ion: 82 Resp: 98506
Ion Ratio Lower Upper
82 100
95 176.0 5.4 8.2#
138 11.3 16.6 24.8#





#26

2-Nitrophenol

Concen: 2.138 ng

RT: 9.734 min Scan# 1145

Delta R.T. 0.012 min

Lab File: BP009067.D

Acq: 08 Feb 2022 19:58

Instrument :

BNA_P

ClientSampleId :

DB-09(10-15)-02-02-22

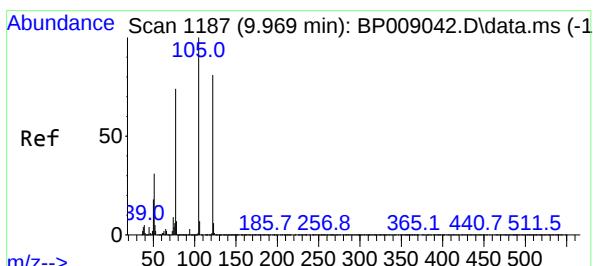
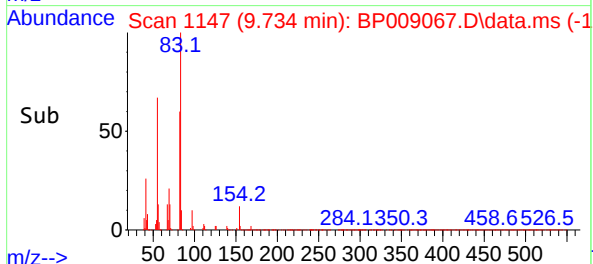
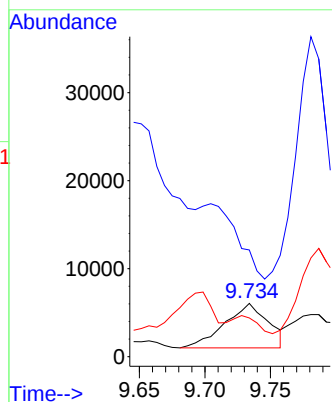
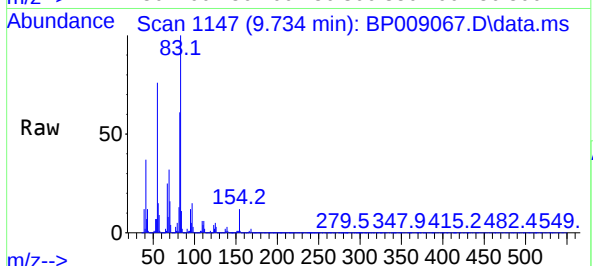
Tgt Ion:139 Resp: 11679

Ion Ratio Lower Upper

139 100

109 200.2 20.7 31.1#

65 72.7 31.6 47.4#



#32

Benzoic acid

Concen: 3.005 ng

RT: 9.934 min Scan# 1181

Delta R.T. -0.035 min

Lab File: BP009067.D

Acq: 08 Feb 2022 19:58

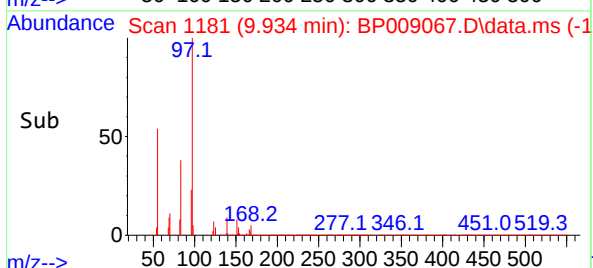
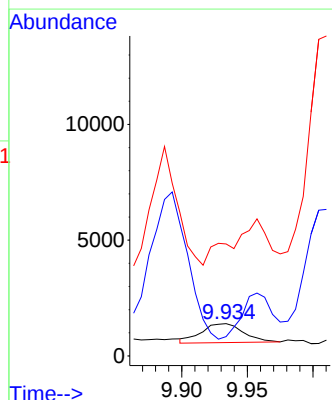
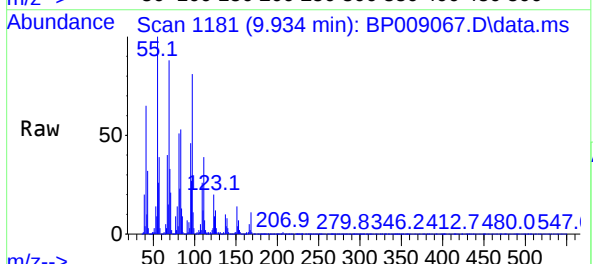
Tgt Ion:122 Resp: 1836

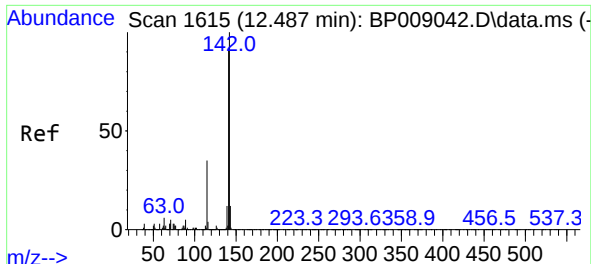
Ion Ratio Lower Upper

122 100

105 59.8 100.1 140.1#

77 345.9 65.5 105.5#

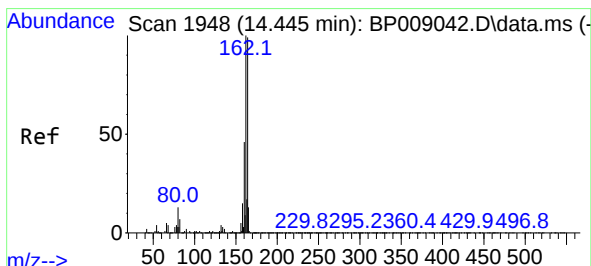
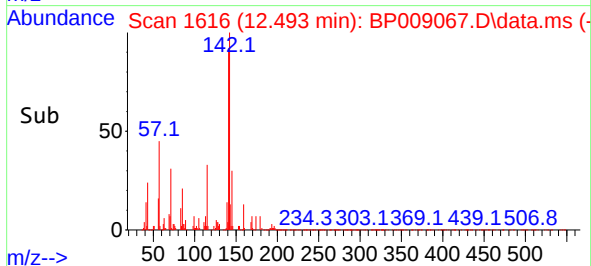
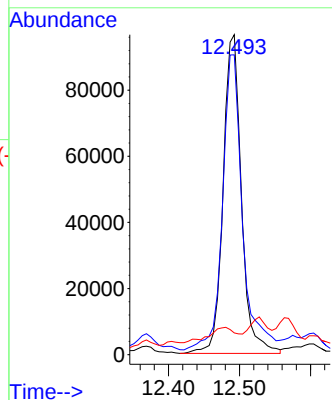
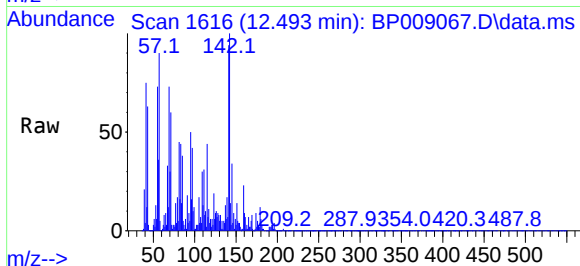




#38
1-Methylnaphthalene
Concen: 7.748 ng
RT: 12.493 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP009067.D
Acq: 08 Feb 2022 19:58

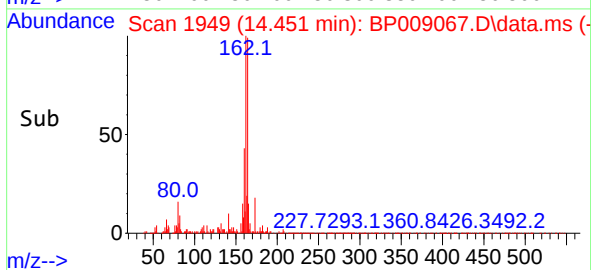
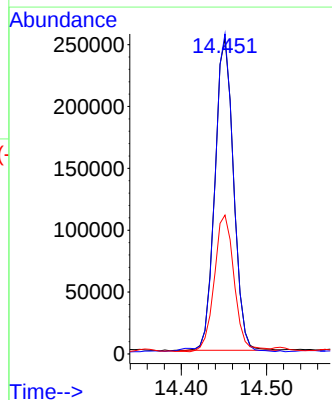
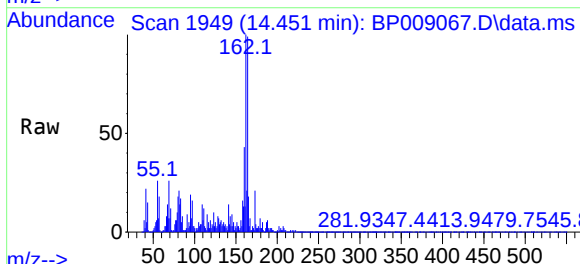
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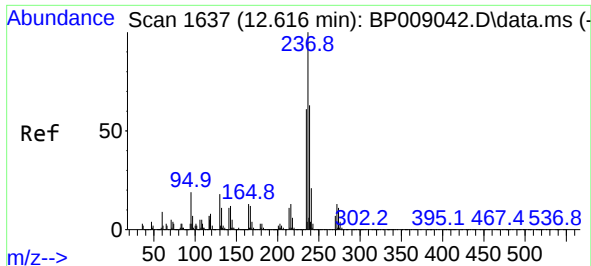
Tgt Ion:142 Resp: 172170
Ion Ratio Lower Upper
142 100
141 93.7 73.2 109.8
116 6.8 2.7 4.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP009067.D
Acq: 08 Feb 2022 19:58

Tgt Ion:164 Resp: 383520
Ion Ratio Lower Upper
164 100
162 101.5 79.9 119.9
160 44.1 35.5 53.3

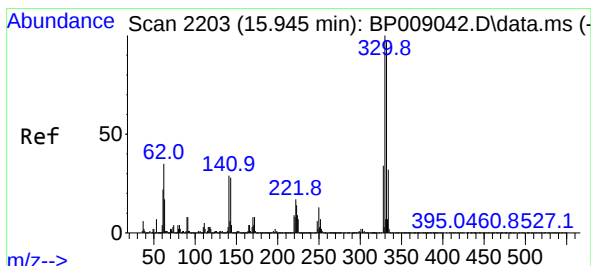
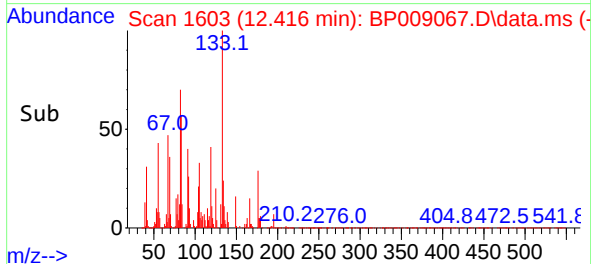
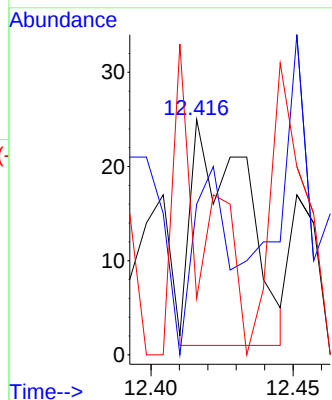
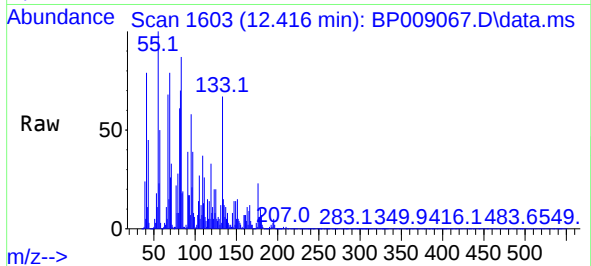




#41
Hexachlorocyclopentadiene
Concen: 8.662 ng
RT: 12.416 min Scan# 1
Delta R.T. -0.200 min
Lab File: BP009067.D
Acq: 08 Feb 2022 19:58

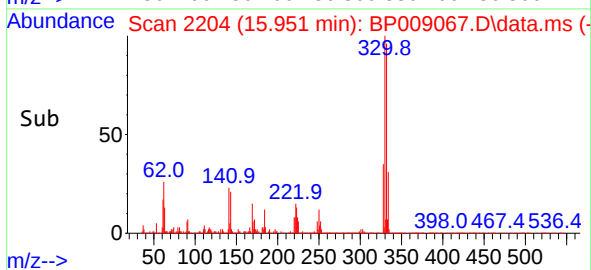
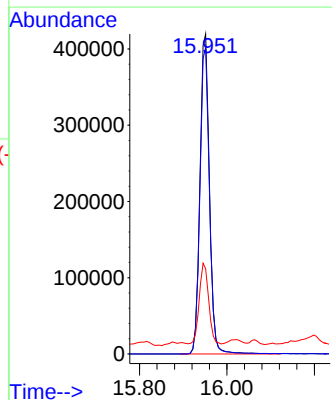
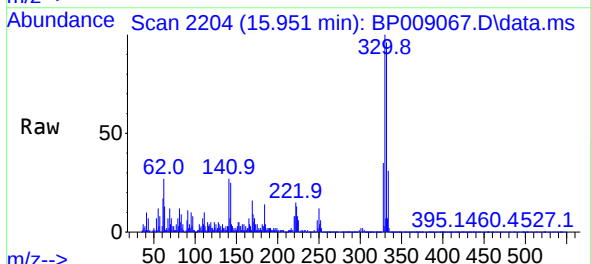
Instrument :
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DB-09(10-15)-02-02-22

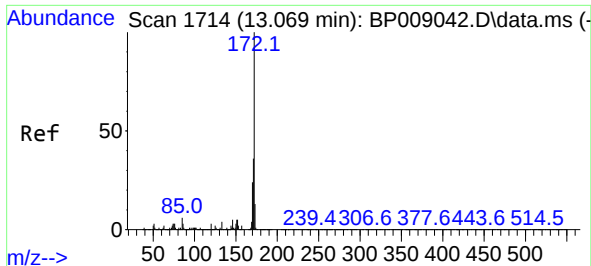
Tgt Ion:	237	Resp:	32
Ion	Ratio	Lower	Upper
237	100		
235	64.0	42.9	82.9
272	24.0	0.0	33.8



#42
2,4,6-Tribromophenol
Concen: 124.085 ng
RT: 15.951 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BP009067.D
Acq: 08 Feb 2022 19:58

Tgt Ion:	330	Resp:	635398
Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.4
141	25.5	21.3	31.9

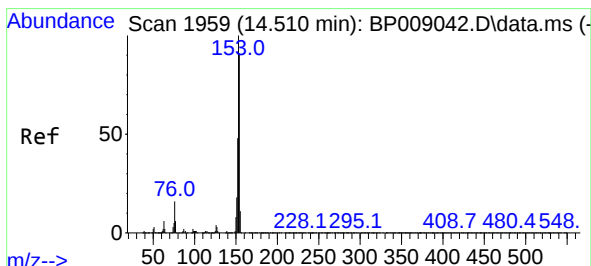
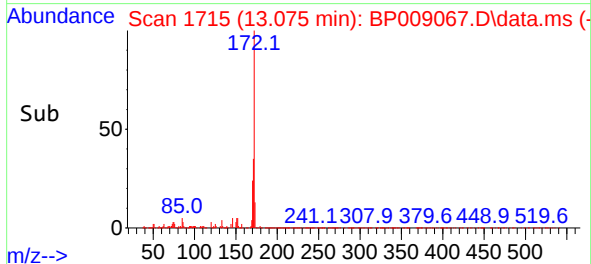
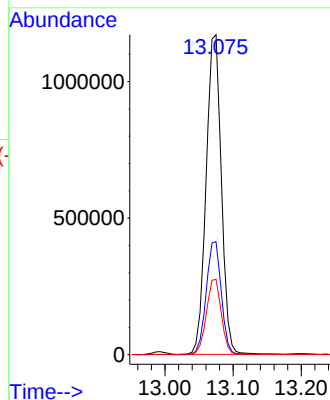
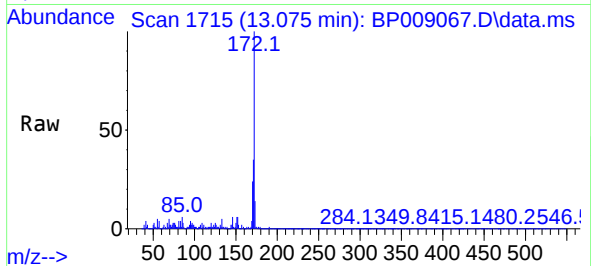




#45
2-Fluorobiphenyl
Concen: 66.331 ng
RT: 13.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP009067.D
Acq: 08 Feb 2022 19:58

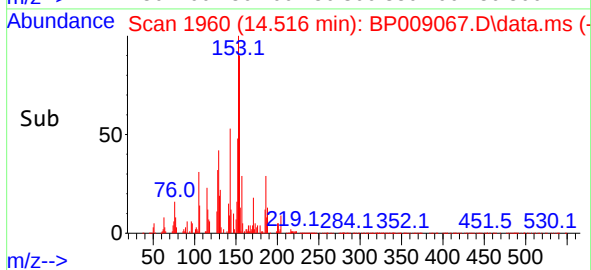
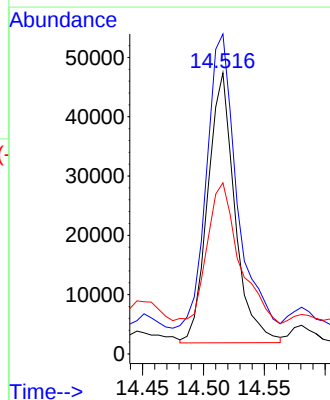
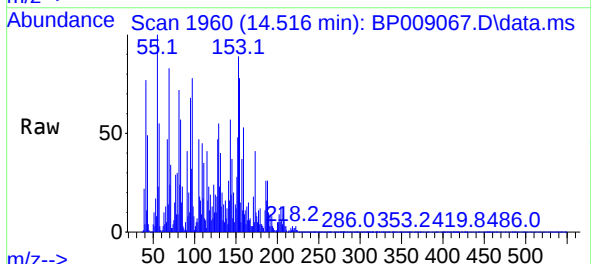
Instrument :
BNA_P
ClientSampleId :
DB-09(10-15)-02-02-22

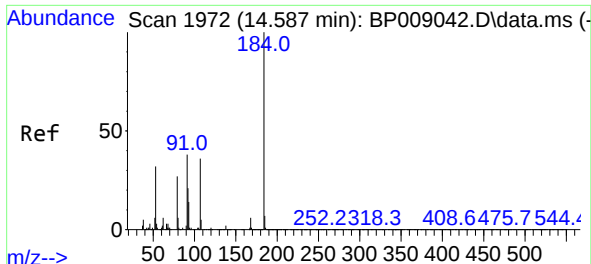
Tgt Ion:172 Resp: 1817229
Ion Ratio Lower Upper
172 100
171 35.3 29.3 43.9
170 23.5 19.5 29.3



#52
Acenaphthene
Concen: 3.429 ng
RT: 14.516 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BP009067.D
Acq: 08 Feb 2022 19:58

Tgt Ion:154 Resp: 70433
Ion Ratio Lower Upper
154 100
153 113.9 89.4 134.2
152 60.9 42.6 63.8

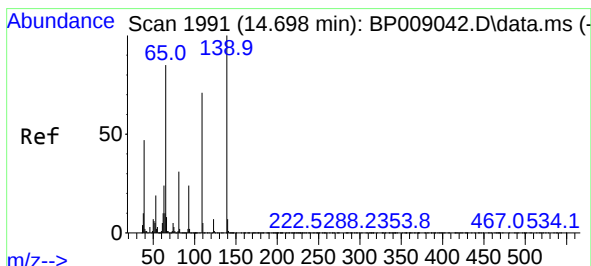
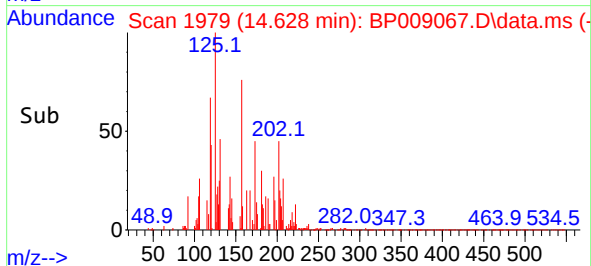
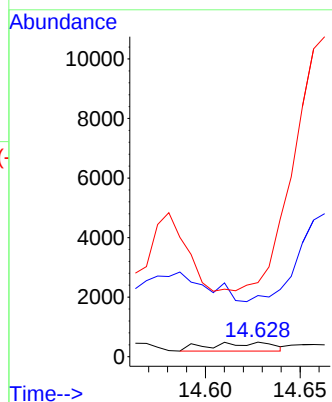
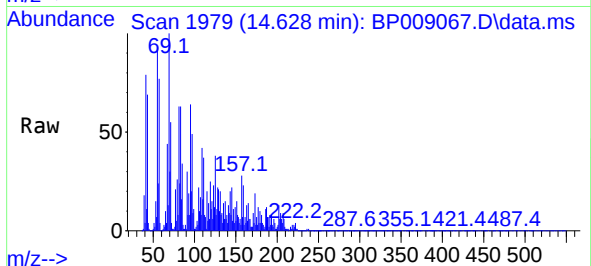




#54
2,4-Dinitrophenol
Concen: 2.439 ng
RT: 14.628 min Scan# 1972
Delta R.T. 0.041 min
Lab File: BP009067.D
Acq: 08 Feb 2022 19:58

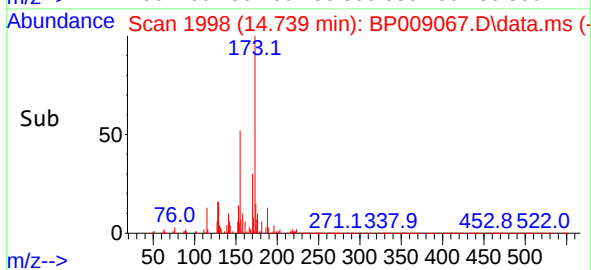
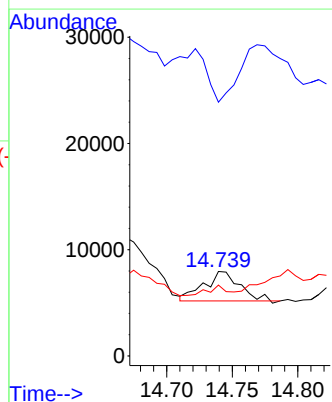
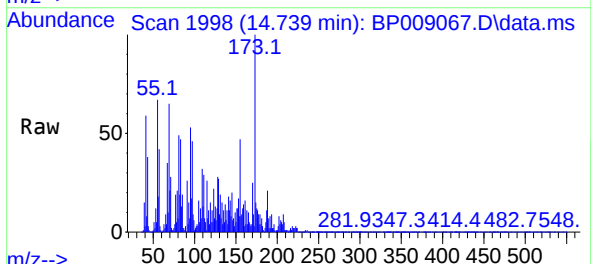
Instrument :
BNA_P
ClientSampleId :
DB-09(10-15)-02-02-22

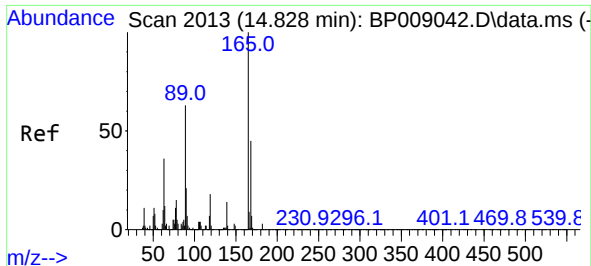
Tgt Ion:184 Resp: 654
Ion Ratio Lower Upper
184 100
63 420.9 35.6 53.4#
154 510.5 43.4 65.0#



#56
4-Nitrophenol
Concen: 2.977 ng
RT: 14.739 min Scan# 1998
Delta R.T. 0.041 min
Lab File: BP009067.D
Acq: 08 Feb 2022 19:58

Tgt Ion:139 Resp: 5198
Ion Ratio Lower Upper
139 100
109 300.3 42.2 82.2#
65 83.9 57.3 97.3

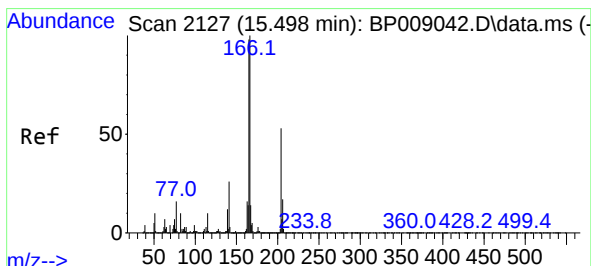
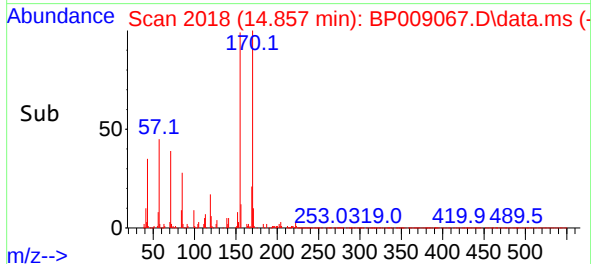
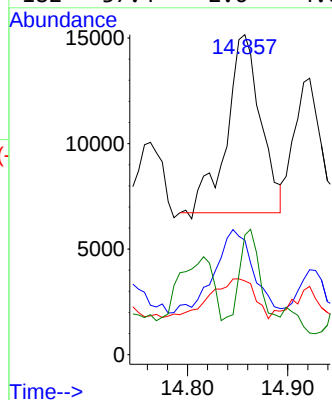
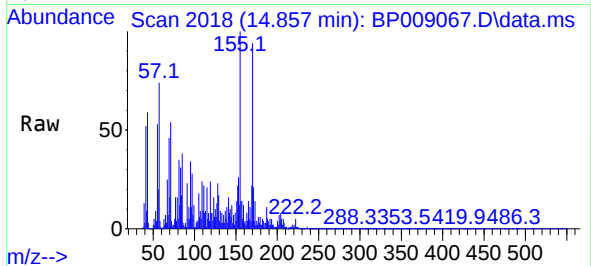




#57
2,4-Dinitrotoluene
Concen: 2.669 ng
RT: 14.857 min Scan# 2013
Delta R.T. 0.029 min
Lab File: BP009067.D
Acq: 08 Feb 2022 19:58

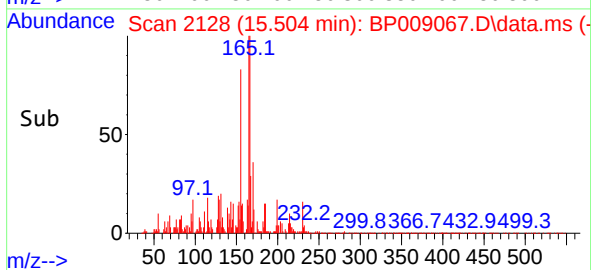
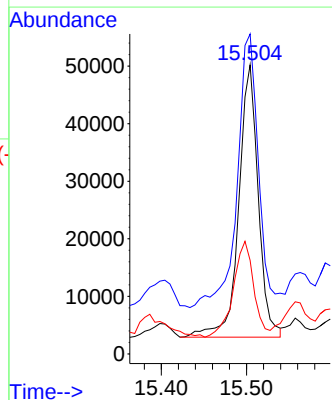
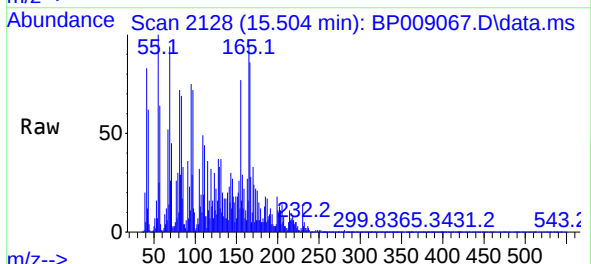
Instrument :
BNA_P
ClientSampleId :
DB-09(10-15)-02-02-22

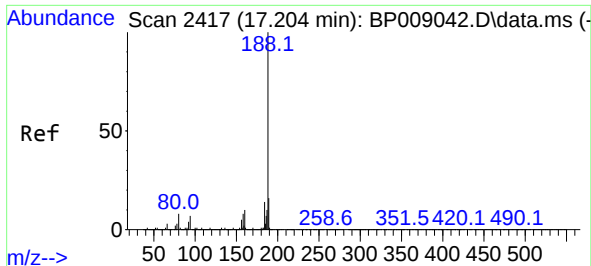
Tgt Ion:165 Resp: 19871
Ion Ratio Lower Upper
165 100
63 35.8 23.3 34.9#
89 23.0 44.2 66.4#
182 37.4 2.6 4.0#



#58
Fluorene
Concen: 2.833 ng
RT: 15.504 min Scan# 2128
Delta R.T. 0.006 min
Lab File: BP009067.D
Acq: 08 Feb 2022 19:58

Tgt Ion:166 Resp: 75309
Ion Ratio Lower Upper
166 100
165 110.7 77.2 115.8
167 32.4 11.2 16.8#

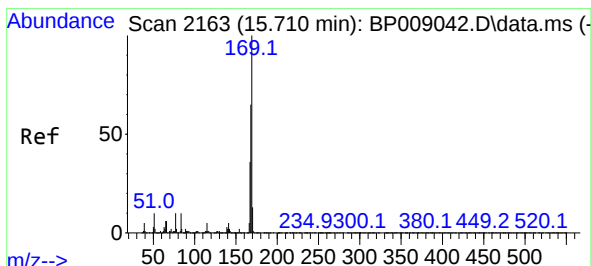
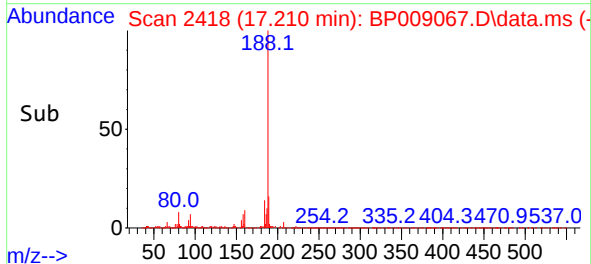
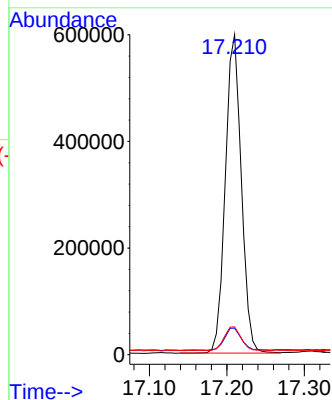
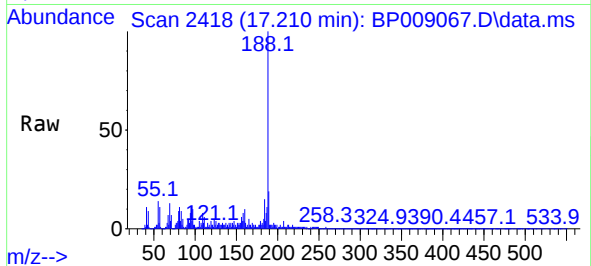




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2417
Delta R.T. 0.006 min
Lab File: BP009067.D
Acq: 08 Feb 2022 19:58

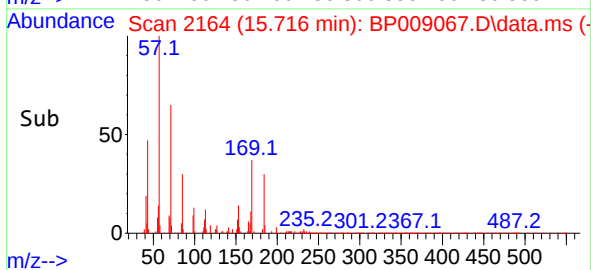
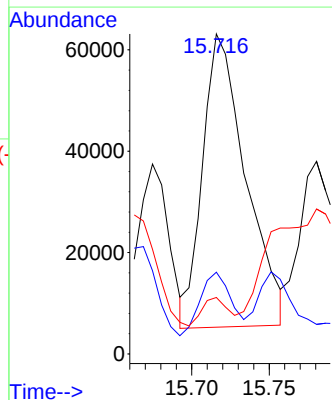
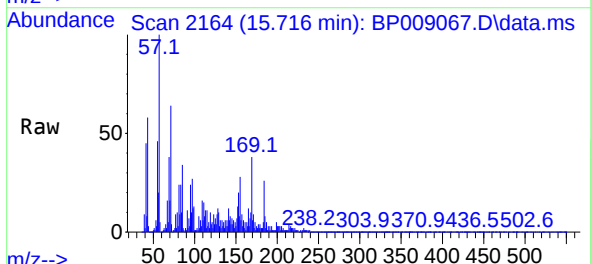
Instrument :
BNA_P
ClientSampleId :
DB-09(10-15)-02-02-22

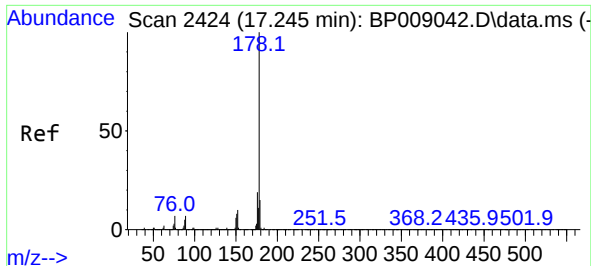
Tgt Ion:188 Resp: 859015
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 8.7 7.2 10.8



#66
n-Nitrosodiphenylamine
Concen: 4.301 ng
RT: 15.716 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BP009067.D
Acq: 08 Feb 2022 19:58

Tgt Ion:169 Resp: 112040
Ion Ratio Lower Upper
169 100
168 25.5 53.3 79.9#
167 17.7 29.0 43.6#

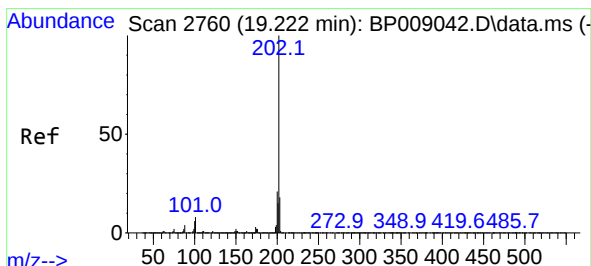
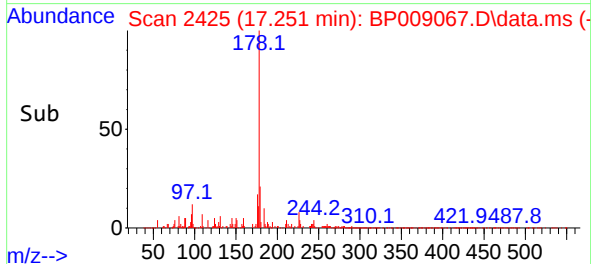
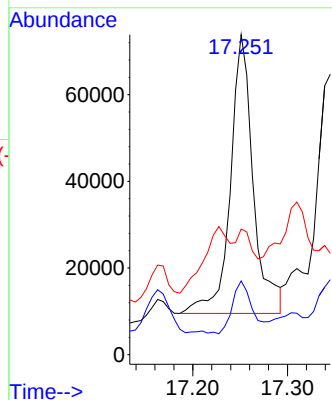
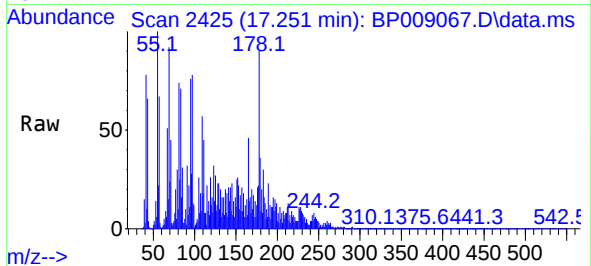




#71
Phenanthrene
Concen: 2.328 ng
RT: 17.251 min Scan# 2425
Delta R.T. 0.006 min
Lab File: BP009067.D
Acq: 08 Feb 2022 19:58

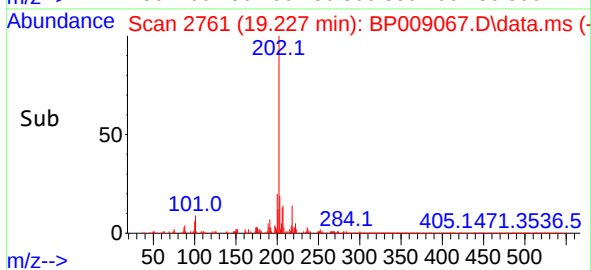
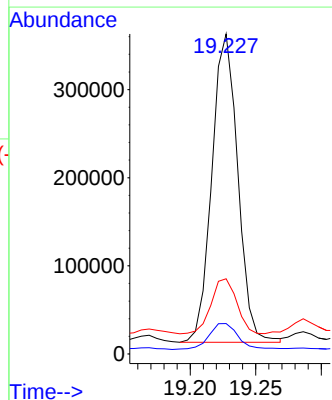
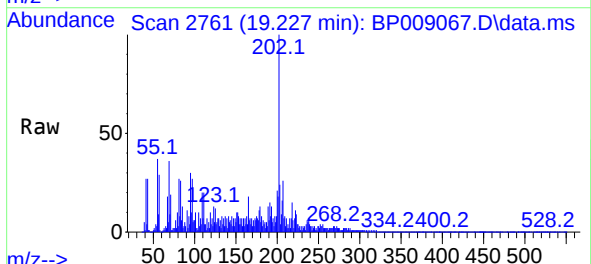
Instrument :
BNA_P
ClientSampleId :
DB-09(10-15)-02-02-22

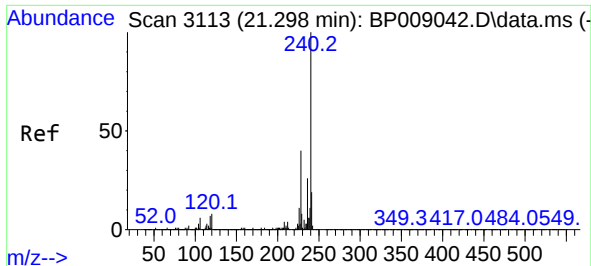
Tgt Ion:178 Resp: 108304
Ion Ratio Lower Upper
178 100
176 23.1 16.0 24.0
179 39.3 13.0 19.4#



#75
Fluoranthene
Concen: 9.231 ng
RT: 19.227 min Scan# 2761
Delta R.T. 0.006 min
Lab File: BP009067.D
Acq: 08 Feb 2022 19:58

Tgt Ion:202 Resp: 481213
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.7
203 23.5 0.0 38.9

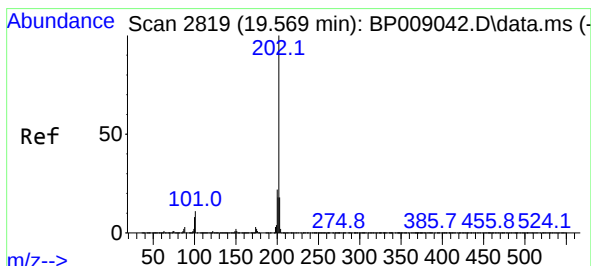
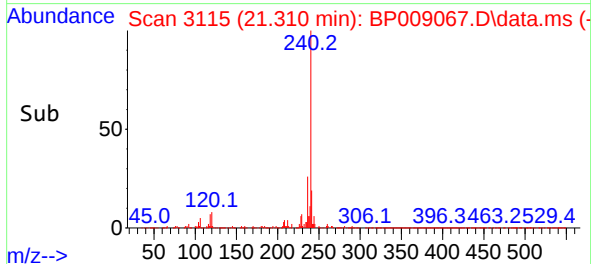
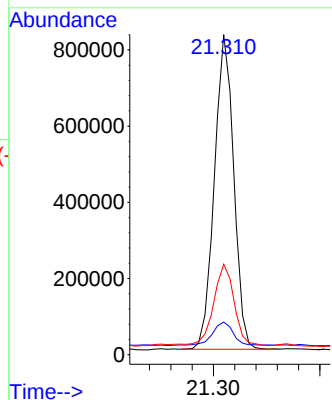
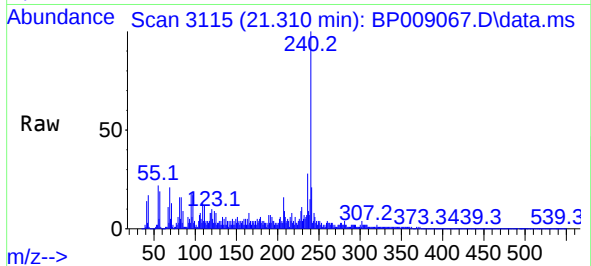




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3113
Delta R.T. 0.012 min
Lab File: BP009067.D
Acq: 08 Feb 2022 19:58

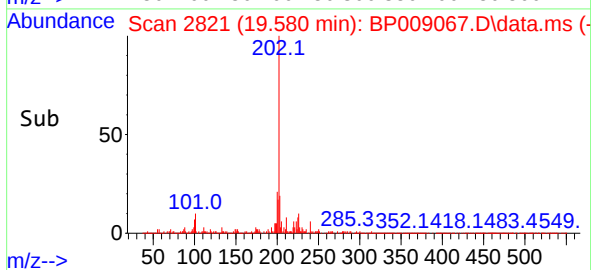
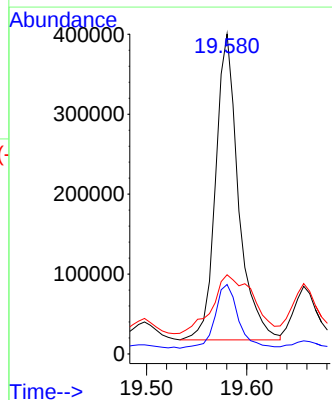
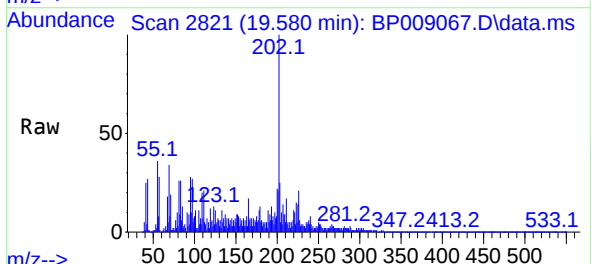
Instrument :
BNA_P
ClientSampleId :
DB-09(10-15)-02-02-22

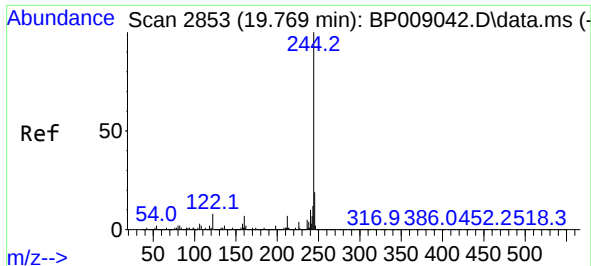
Tgt Ion:240 Resp: 1041744
Ion Ratio Lower Upper
240 100
120 10.2 7.7 11.5
236 28.2 21.2 31.8



#78
Pyrene
Concen: 8.190 ng
RT: 19.580 min Scan# 2821
Delta R.T. 0.012 min
Lab File: BP009067.D
Acq: 08 Feb 2022 19:58

Tgt Ion:202 Resp: 606937
Ion Ratio Lower Upper
202 100
200 21.7 18.0 27.0
203 24.8 15.0 22.6

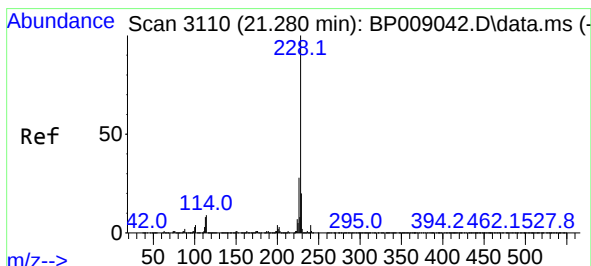
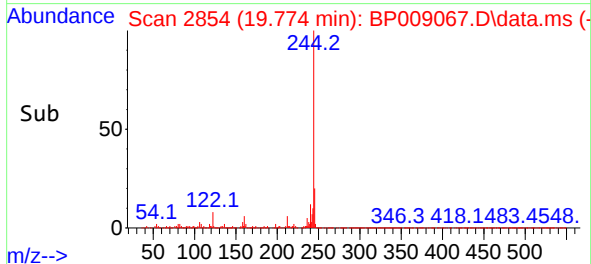
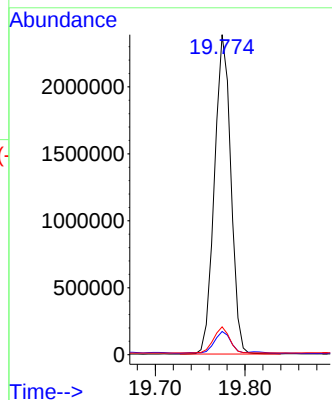
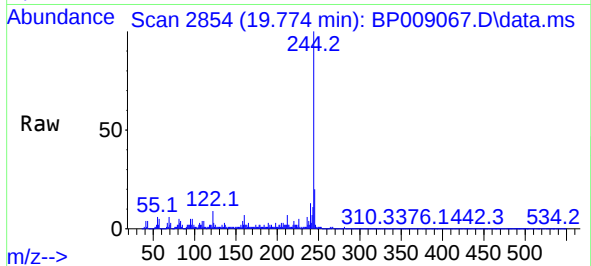




#79
 Terphenyl-d14
 Concen: 52.240 ng
 RT: 19.774 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP009067.D
 Acq: 08 Feb 2022 19:58

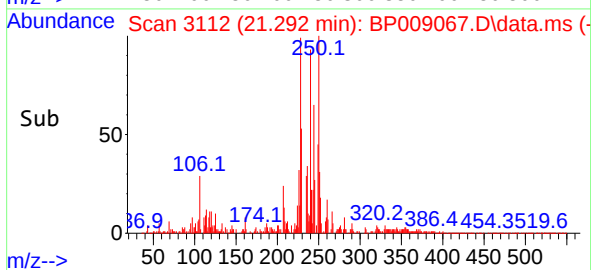
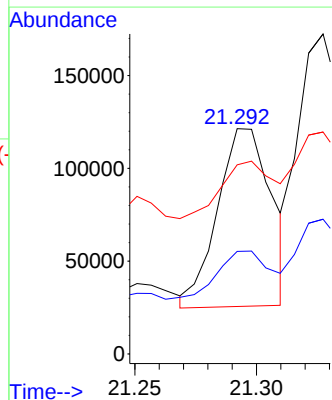
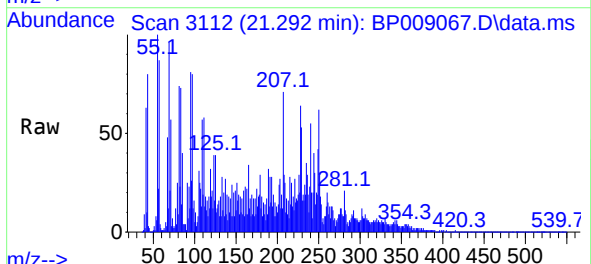
Instrument :
 BNA_P
 ClientSampleId :
 DB-09(10-15)-02-02-22

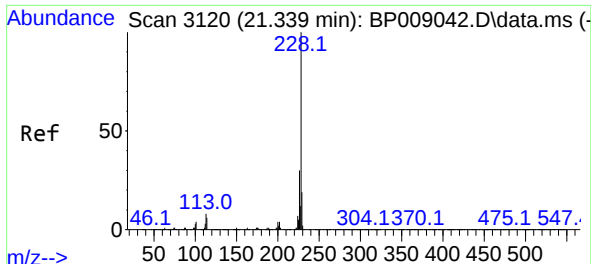
Tgt Ion:244 Resp: 3026175
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 8.7 9.2 13.8#



#81
 Benzo(a)anthracene
 Concen: 2.196 ng
 RT: 21.292 min Scan# 3112
 Delta R.T. 0.012 min
 Lab File: BP009067.D
 Acq: 08 Feb 2022 19:58

Tgt Ion:228 Resp: 147446
 Ion Ratio Lower Upper
 228 100
 226 45.5 23.3 34.9#
 229 84.0 17.0 25.6#

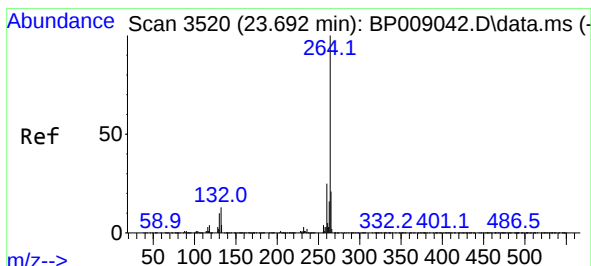
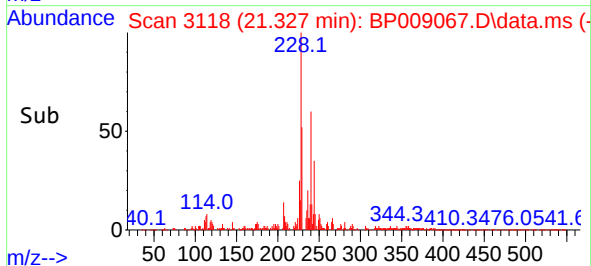
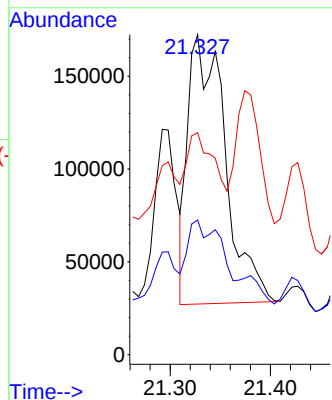
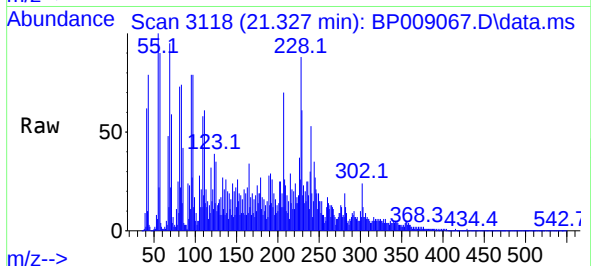




#83
Chrysene
Concen: 5.771 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.012 min
Lab File: BP009067.D
Acq: 08 Feb 2022 19:58

Instrument :
BNA_P
ClientSampleId :
DB-09(10-15)-02-02-22

Tgt Ion:228 Resp: 373465
Ion Ratio Lower Upper
228 100
226 42.1 26.0 39.0#
229 69.4 16.9 25.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3525
Delta R.T. 0.029 min
Lab File: BP009067.D
Acq: 08 Feb 2022 19:58

Tgt Ion:264 Resp: 1245251
Ion Ratio Lower Upper
264 100
260 26.4 19.1 28.7
265 24.9 17.1 25.7

