

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
 Data File : BP009069.D
 Acq On : 08 Feb 2022 21:05
 Operator : CG/JU
 Sample : N1381-05 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DB-11(15-20)-02-02-22

Quant Time: Feb 09 00:29:20 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)

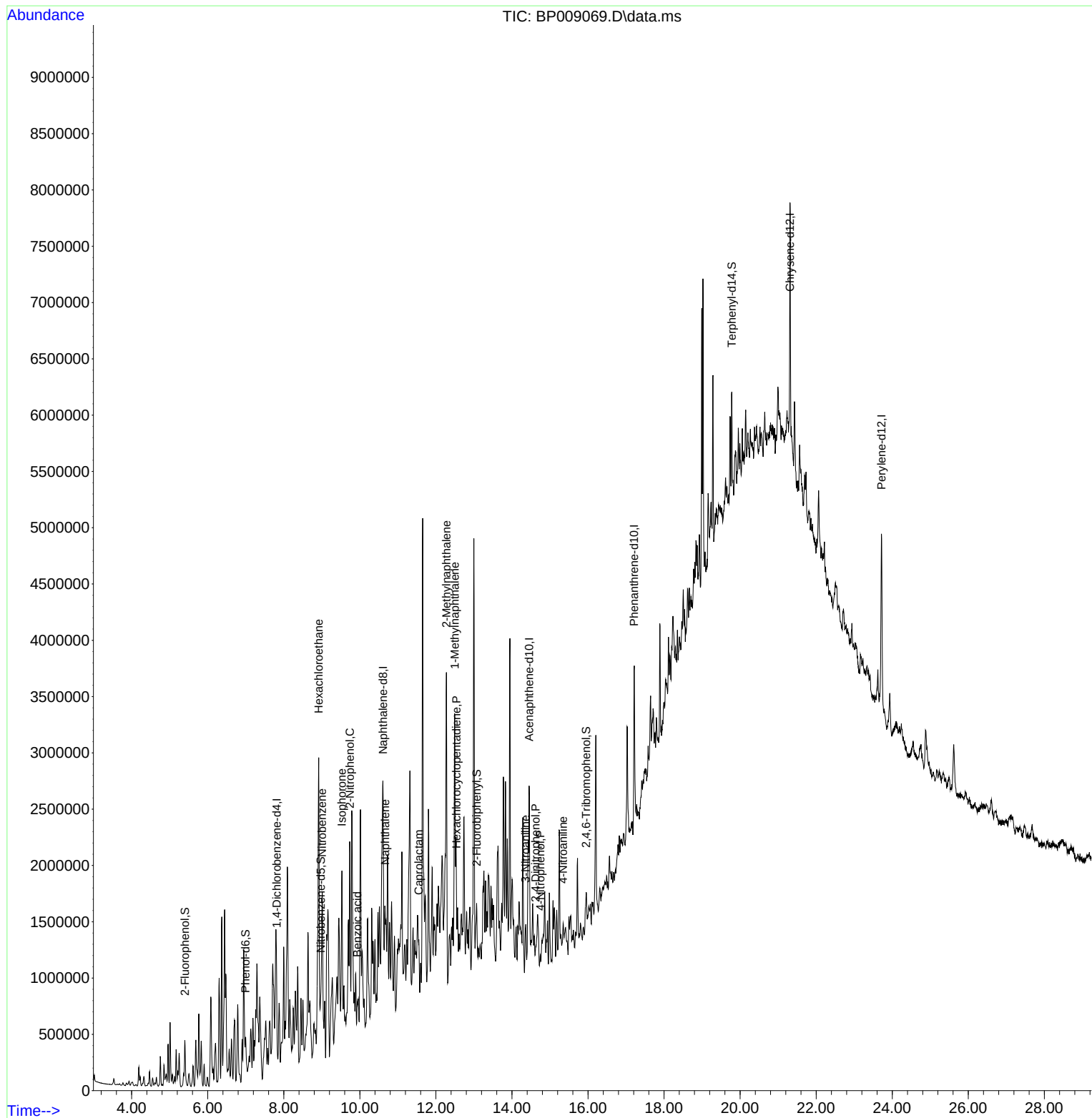
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	229229	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	759229	20.000	ng	# 0.00
39) Acenaphthene-d10	14.451	164	435711	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	845725	20.000	ng	0.00
76) Chrysene-d12	21.310	240	1077728	20.000	ng	0.01
86) Perylene-d12	23.716	264	1259007	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	172297	13.408	ng	0.00
7) Phenol-d6	6.993	99	201116	11.877	ng	0.00
23) Nitrobenzene-d5	8.969	82	164529	12.221	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	78931	13.568	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	283205	9.099	ng	0.00
79) Terphenyl-d14	19.781	244	442879	7.390	ng	0.01
Target Compounds						Qvalue
18) Hexachloroethane	8.916	117	163716	28.864	ng	# 1
24) Nitrobenzene	9.005	77	33118	2.602	ng	# 45
25) Isophorone	9.528	82	148234	6.627	ng	# 1
26) 2-Nitrophenol	9.740	139	16466	2.502	ng	# 1
31) Naphthalene	10.663	128	84741	2.188	ng	# 51
32) Benzoic acid	9.934	122	2840	3.094	ng	# 1
35) Caprolactam	11.552	113	7834	2.172	ng	# 1
37) 2-Methylnaphthalene	12.275	142	1270391	46.360	ng	97
38) 1-Methylnaphthalene	12.493	142	919205	34.329	ng	# 100
41) Hexachlorocyclopentadiene	12.540	237	19	8.659	ng	89
53) 3-Nitroaniline	14.357	138	14555	2.197	ng	# 31
54) 2,4-Dinitrophenol	14.622	184	133	2.215	ng	# 1
56) 4-Nitrophenol	14.745	139	4107	2.547	ng	# 1
62) 4-Nitroaniline	15.340	138	22237	3.338	ng	84

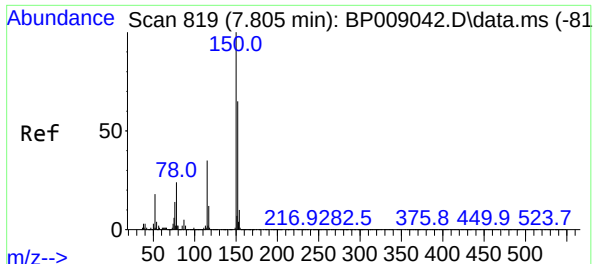
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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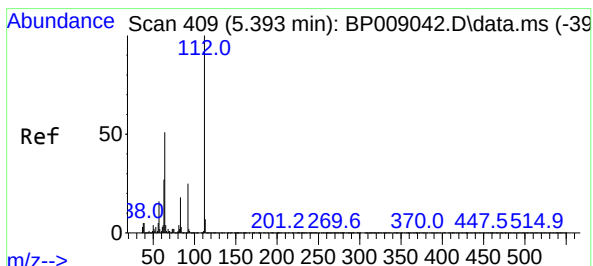
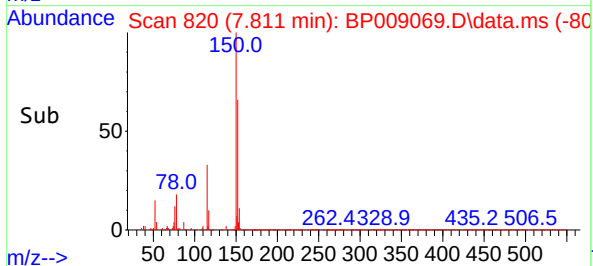
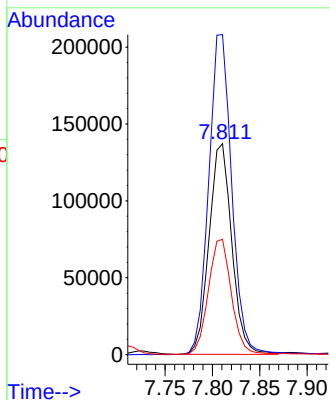
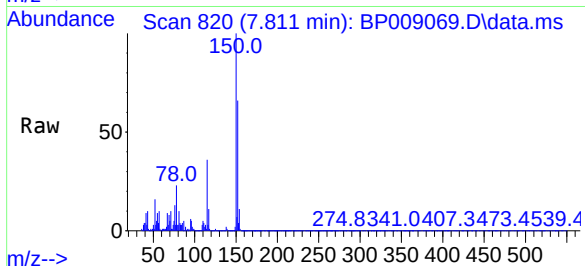




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

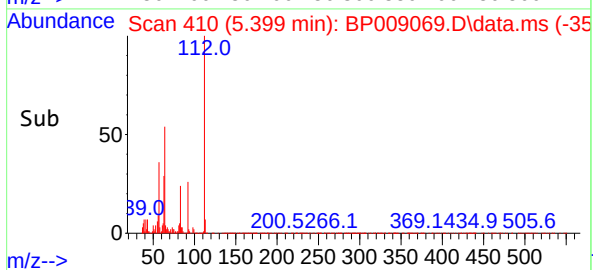
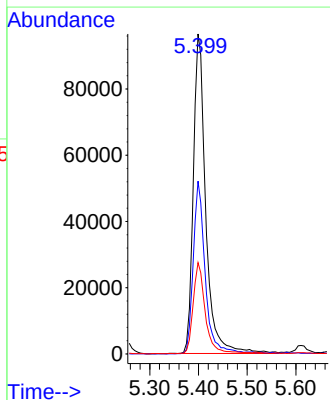
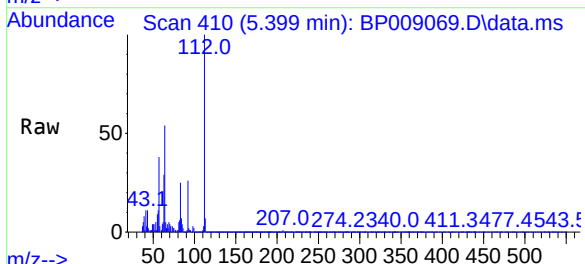
Instrument :
BNA_P
ClientSampleId :
DB-11(15-20)-02-02-22

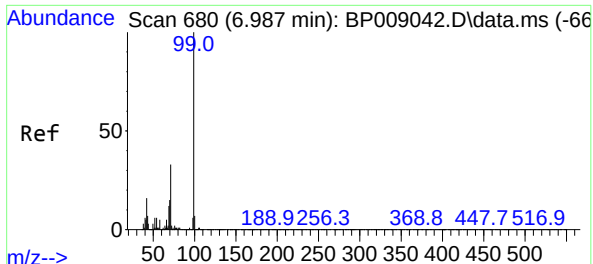
Tgt Ion:152 Resp: 229229
Ion Ratio Lower Upper
152 100
150 151.6 127.0 190.6
115 54.6 43.7 65.5



#5
2-Fluorophenol
Concen: 13.408 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

Tgt Ion:112 Resp: 172297
Ion Ratio Lower Upper
112 100
64 54.0 39.7 59.5
63 28.5 20.0 30.0

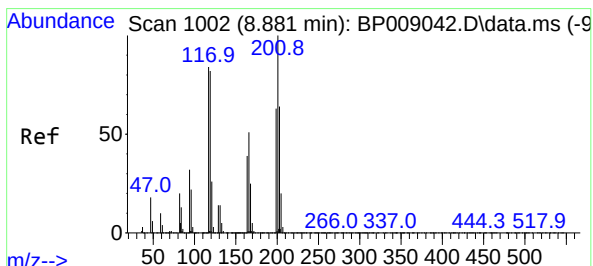
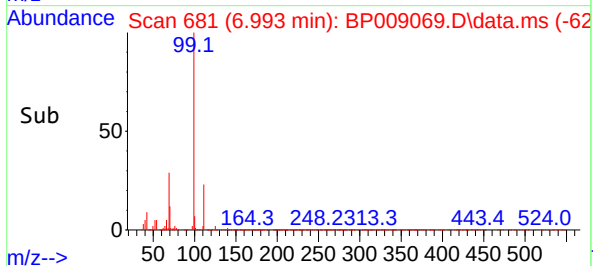
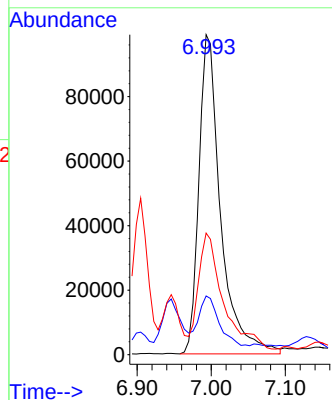
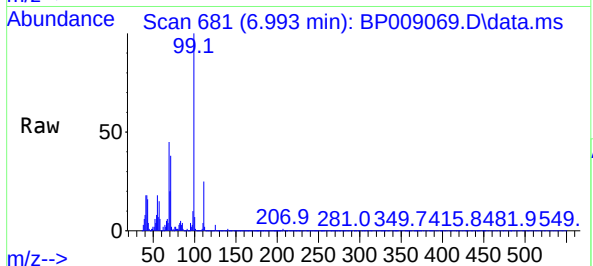




#7
Phenol-d6
Concen: 11.877 ng
RT: 6.993 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

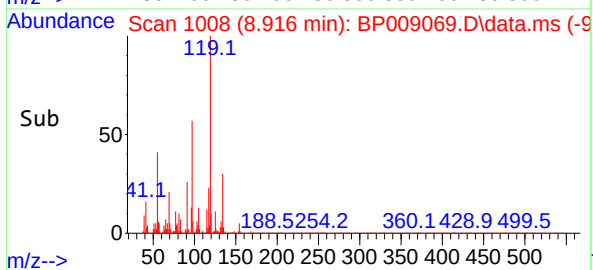
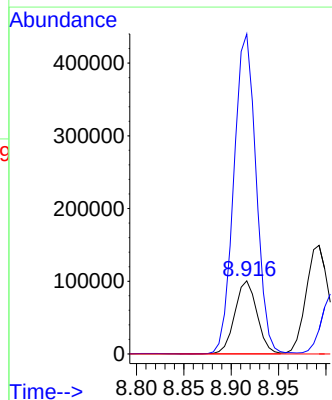
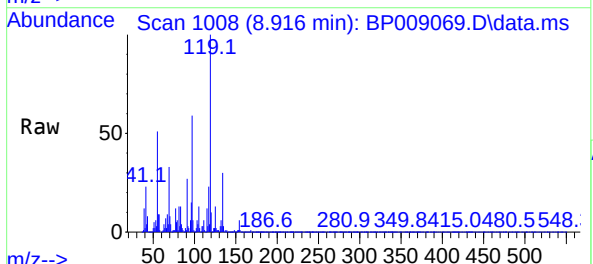
Instrument :
BNA_P
ClientSampleId :
DB-11(15-20)-02-02-22

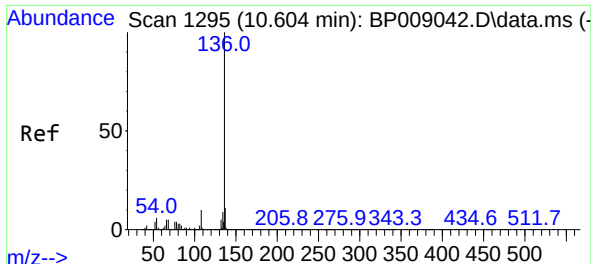
Tgt Ion: 99 Resp: 201116
Ion Ratio Lower Upper
99 100
42 18.3 10.8 16.2#
71 38.0 23.8 35.6#



#18
Hexachloroethane
Concen: 28.864 ng
RT: 8.916 min Scan# 1008
Delta R.T. 0.035 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

Tgt Ion: 117 Resp: 163716
Ion Ratio Lower Upper
117 100
119 437.9 76.9 115.3#
201 0.0 93.7 140.5#

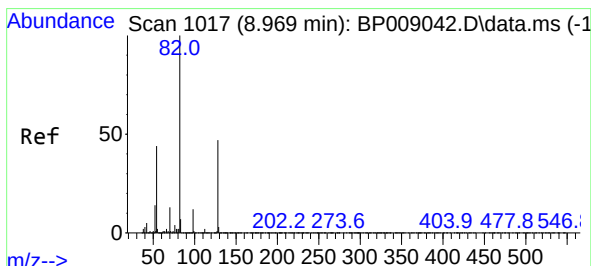
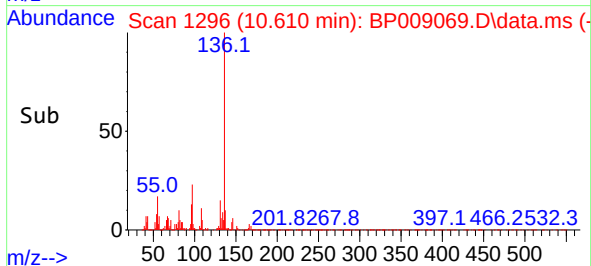
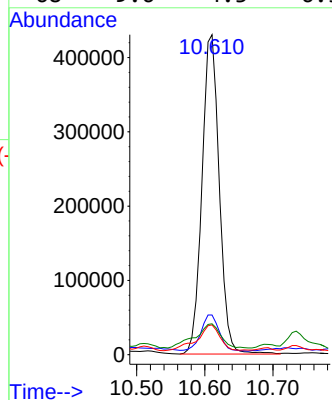
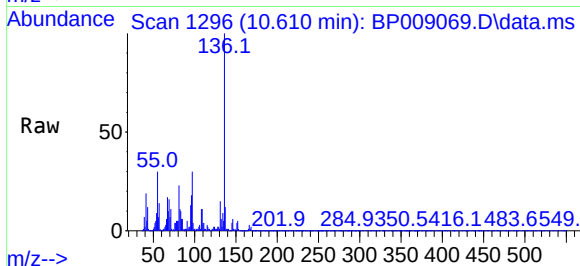




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

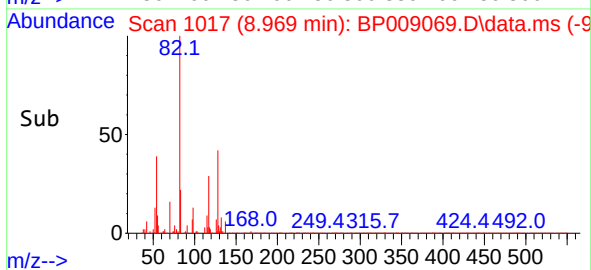
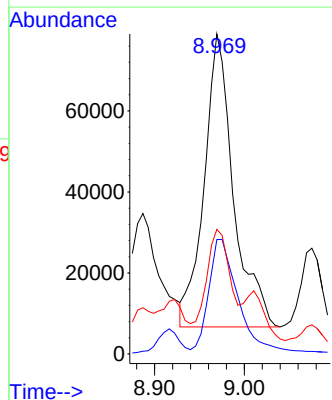
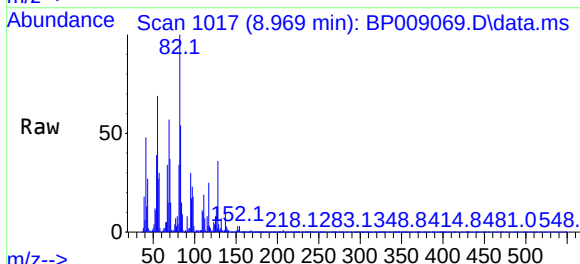
Instrument :
BNA_P
ClientSampleId :
DB-11(15-20)-02-02-22

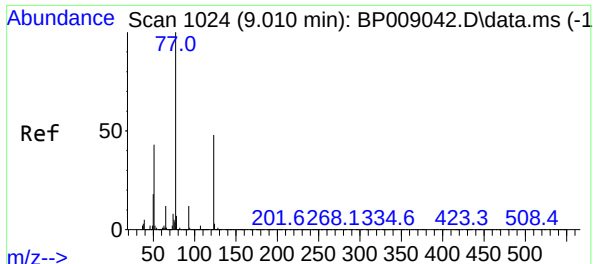
Tgt Ion:	136	Resp:	759229
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.0	13.4
54	9.3	4.9	7.3#
68	9.6	4.3	6.5#



#23
Nitrobenzene-d5
Concen: 12.221 ng
RT: 8.969 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

Tgt Ion:	82	Resp:	164529
Ion	Ratio	Lower	Upper
82	100		
128	35.8	39.4	59.2#
54	39.0	32.6	48.8

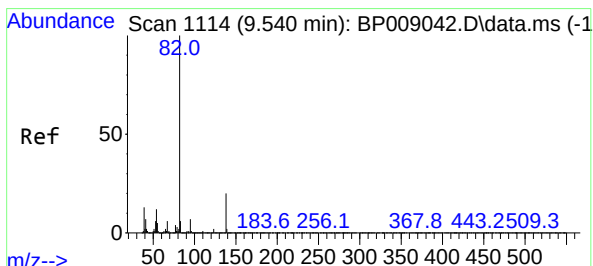
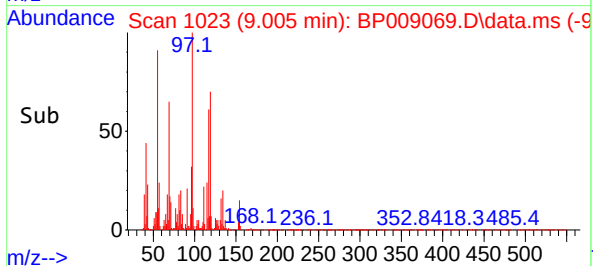
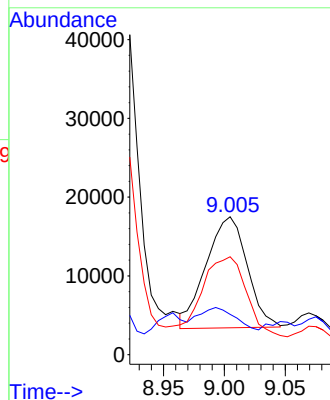
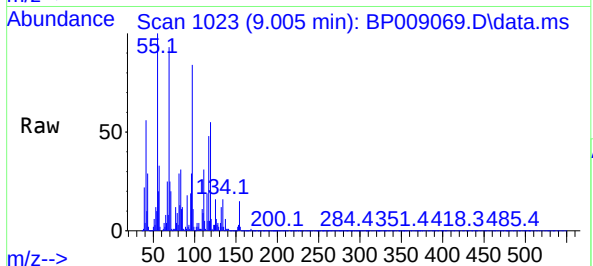




#24
Nitrobenzene
Concen: 2.602 ng
RT: 9.005 min Scan# 110
Delta R.T. -0.006 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

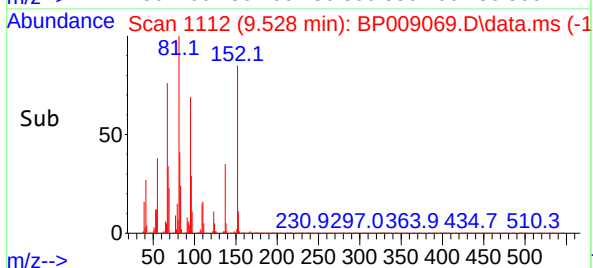
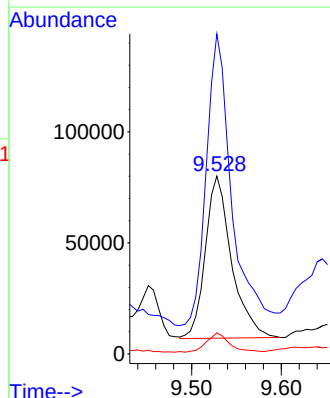
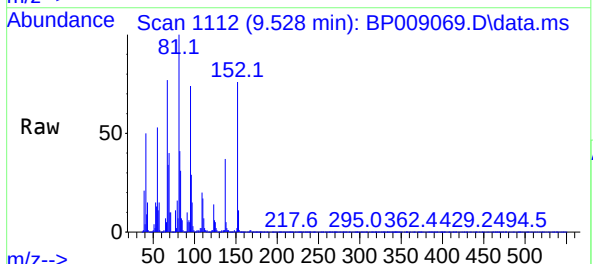
Instrument :
BNA_P
ClientSampleId :
DB-11(15-20)-02-02-22

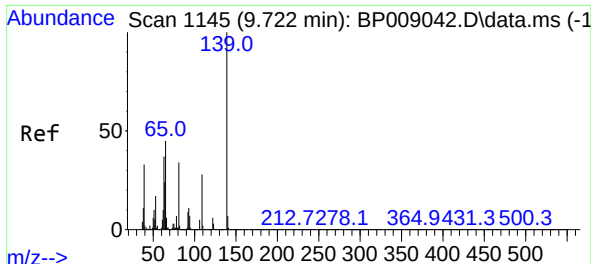
Tgt Ion: 77 Resp: 33118
Ion Ratio Lower Upper
77 100
123 29.3 41.4 62.2#
65 71.0 9.8 14.8#



#25
Isophorone
Concen: 6.627 ng
RT: 9.528 min Scan# 1112
Delta R.T. -0.012 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

Tgt Ion: 82 Resp: 148234
Ion Ratio Lower Upper
82 100
95 179.9 5.4 8.2#
138 11.9 16.6 24.8#

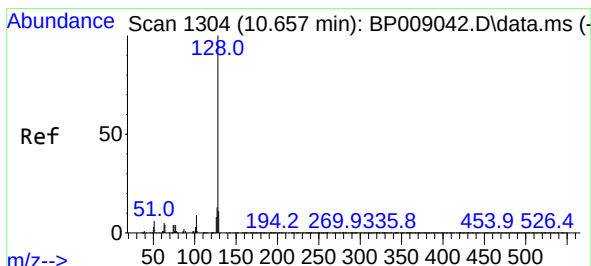
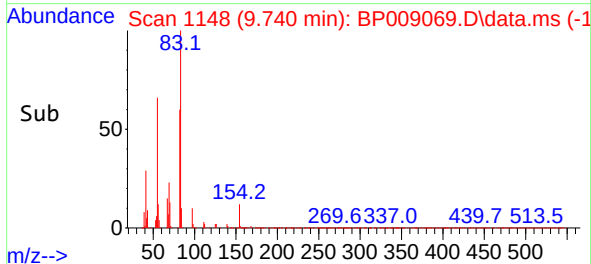
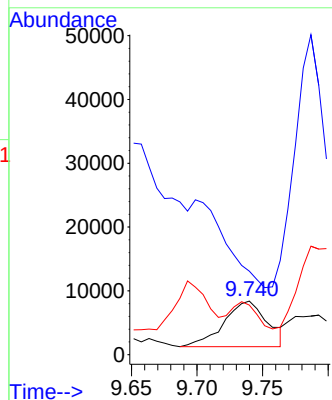
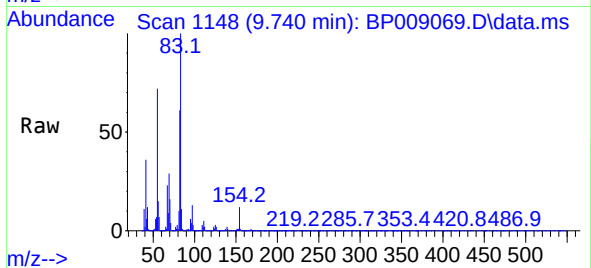




#26
2-Nitrophenol
Concen: 2.502 ng
RT: 9.740 min Scan# 1145
Delta R.T. 0.018 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

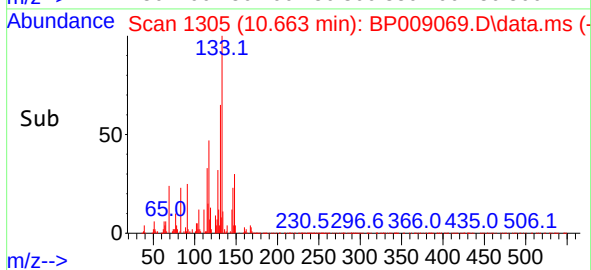
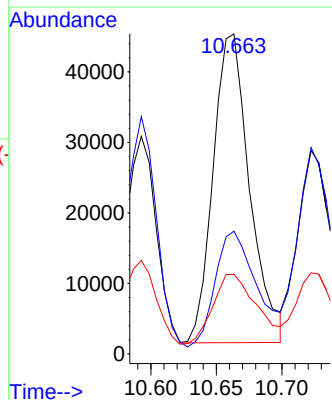
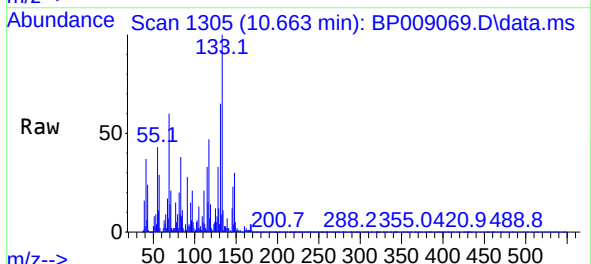
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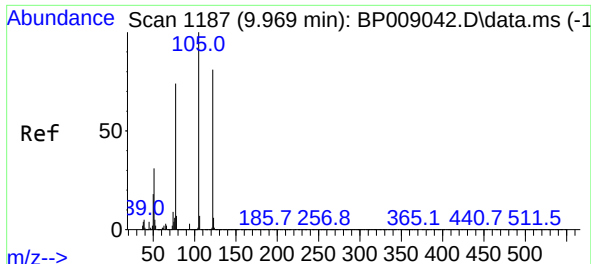
Tgt Ion:139 Resp: 16466
Ion Ratio Lower Upper
139 100
109 155.6 20.7 31.1#
65 92.4 31.6 47.4#



#31
Naphthalene
Concen: 2.188 ng
RT: 10.663 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

Tgt Ion:128 Resp: 84741
Ion Ratio Lower Upper
128 100
129 38.3 8.8 13.2#
127 24.8 10.4 15.6#

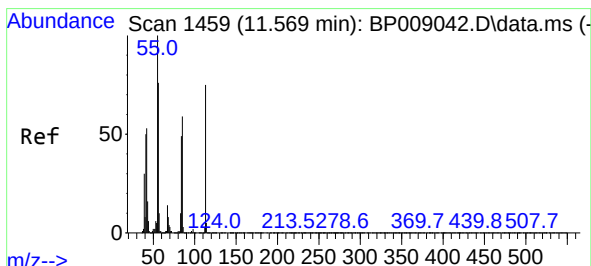
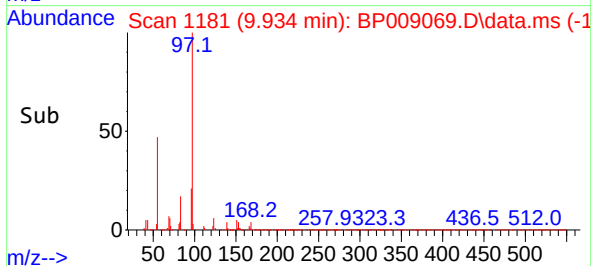
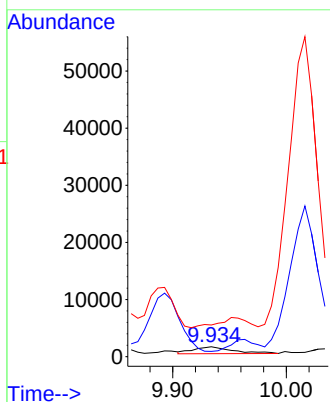
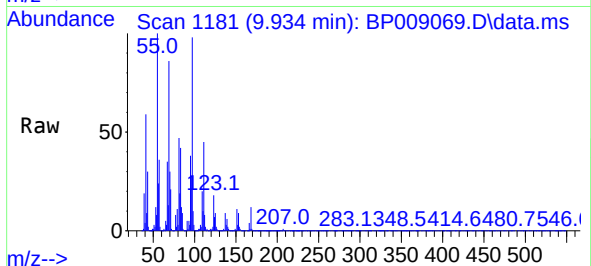




#32
Benzoic acid
Concen: 3.094 ng
RT: 9.934 min Scan# 1187
Delta R.T. -0.035 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

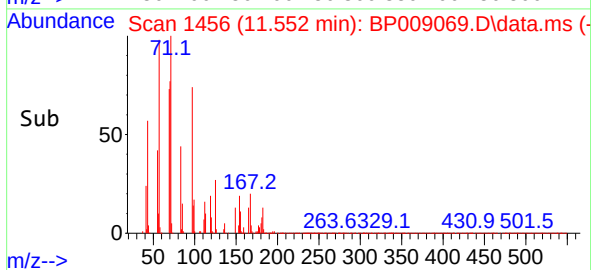
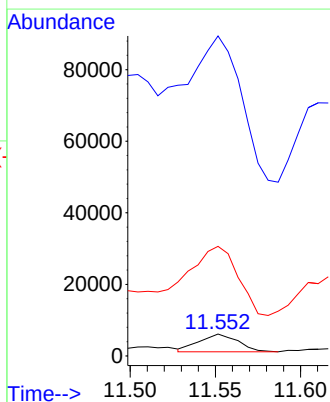
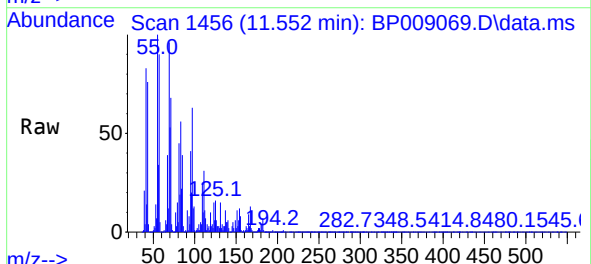
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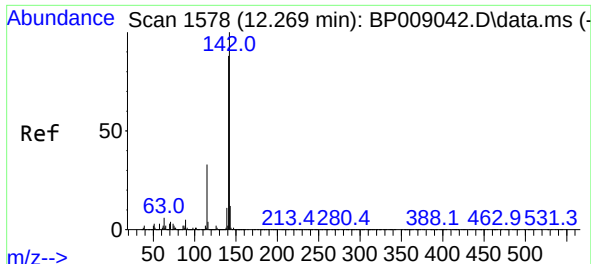
Tgt Ion:122 Resp: 2840
Ion Ratio Lower Upper
122 100
105 53.4 100.1 140.1#
77 320.6 65.5 105.5#



#35
Caprolactam
Concen: 2.172 ng
RT: 11.552 min Scan# 1456
Delta R.T. -0.018 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

Tgt Ion:113 Resp: 7834
Ion Ratio Lower Upper
113 100
55 1463.9 107.1 147.1#
56 501.6 74.1 114.1#

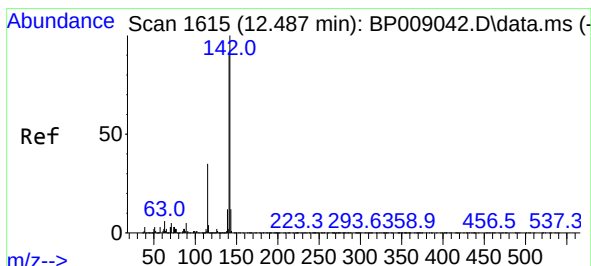
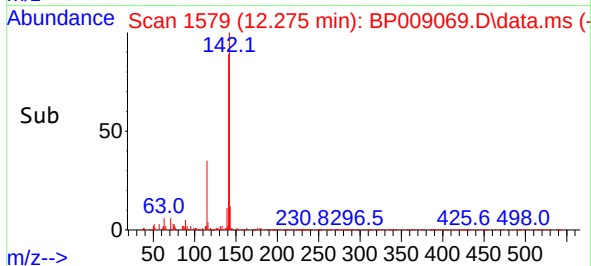
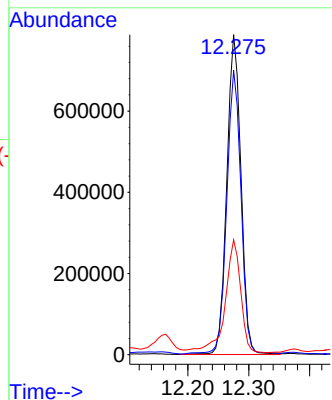
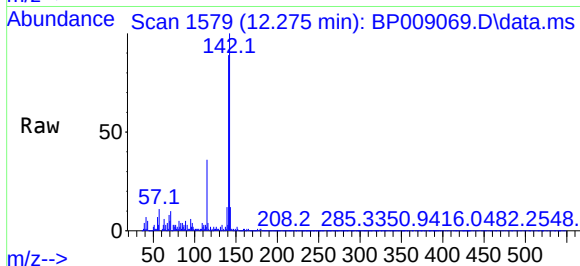




#37
2-Methylnaphthalene
Concen: 46.360 ng
RT: 12.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

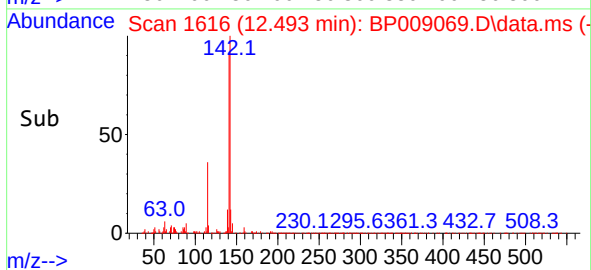
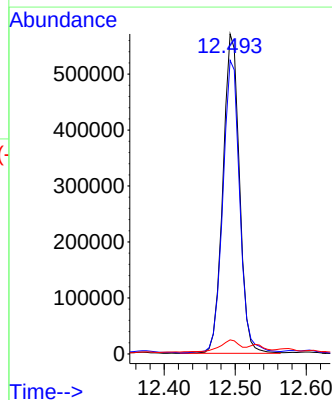
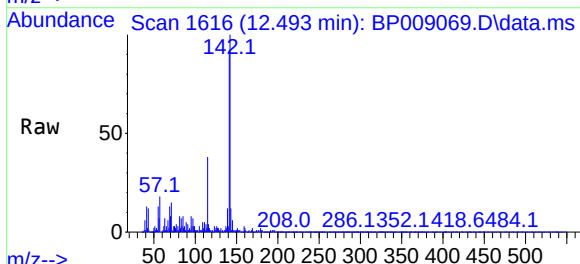
Instrument :
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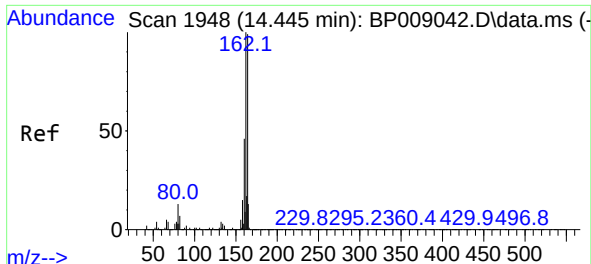
Tgt Ion:142 Resp: 1270391
Ion Ratio Lower Upper
142 100
141 88.8 70.5 105.7
115 35.9 24.6 36.8



#38
1-Methylnaphthalene
Concen: 34.329 ng
RT: 12.493 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

Tgt Ion:142 Resp: 919205
Ion Ratio Lower Upper
142 100
141 91.8 73.2 109.8
116 4.4 2.7 4.1#



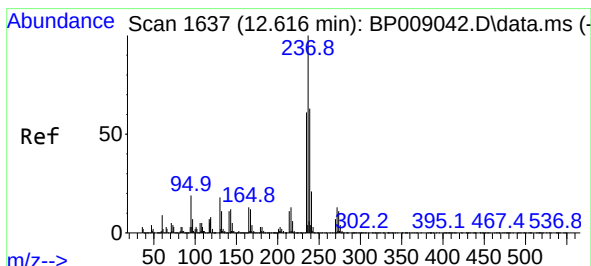
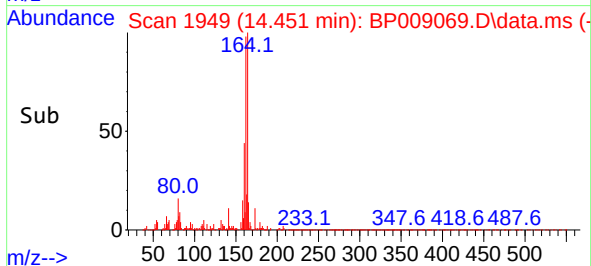
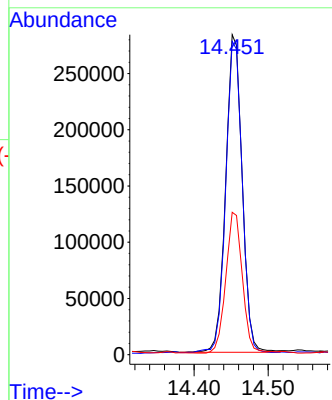
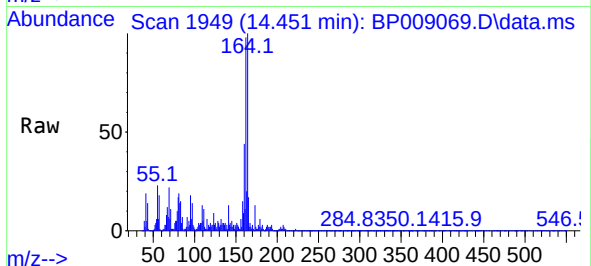


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

Instrument :
BNA_P
ClientSampleId :
DB-11(15-20)-02-02-22

Tgt Ion:164 Resp: 435711

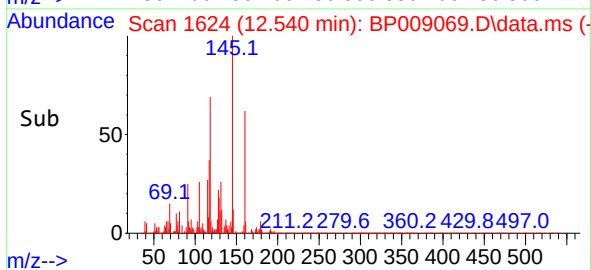
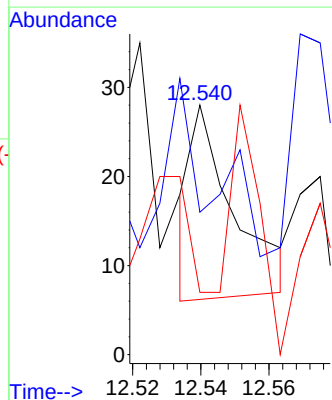
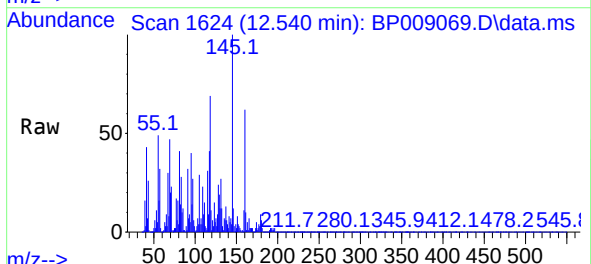
Ion	Ratio	Lower	Upper
164	100		
162	97.9	79.9	119.9
160	44.5	35.5	53.3

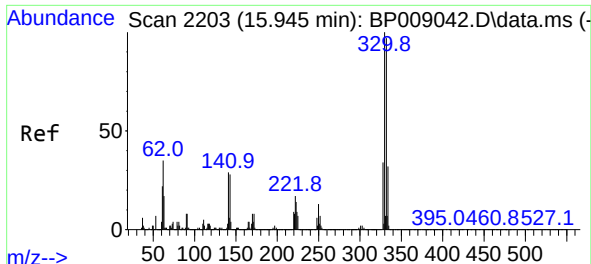


#41
Hexachlorocyclopentadiene
Concen: 8.659 ng
RT: 12.540 min Scan# 1624
Delta R.T. -0.076 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

Tgt Ion:237 Resp: 19

Ion	Ratio	Lower	Upper
237	100		
235	57.1	42.9	82.9
272	25.0	0.0	33.8

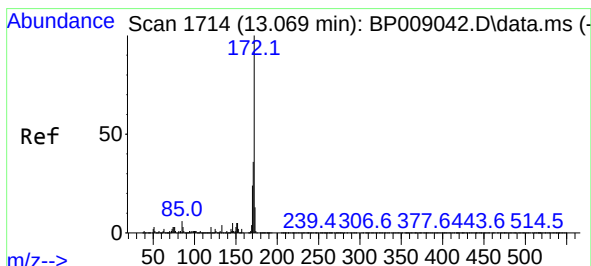
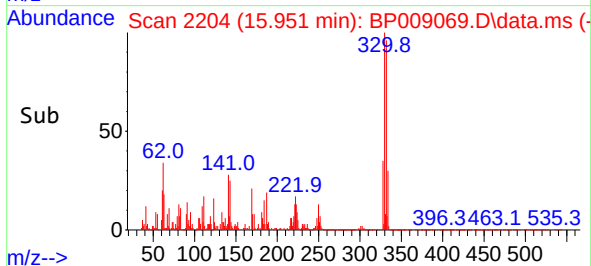
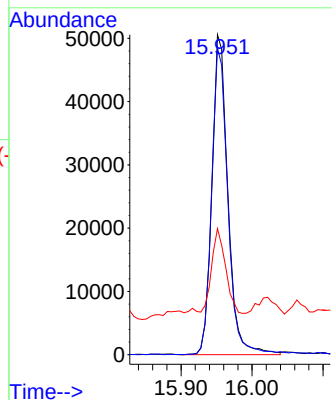
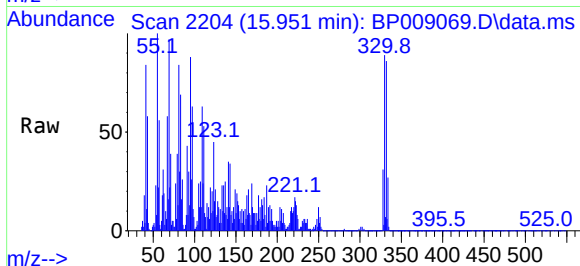




#42
2,4,6-Tribromophenol
Concen: 13.568 ng
RT: 15.951 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

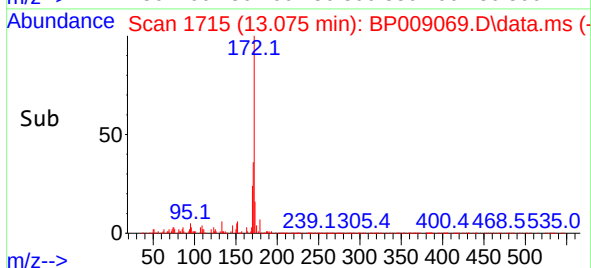
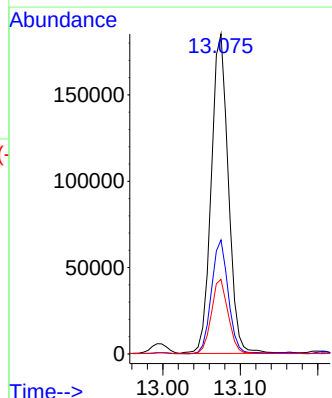
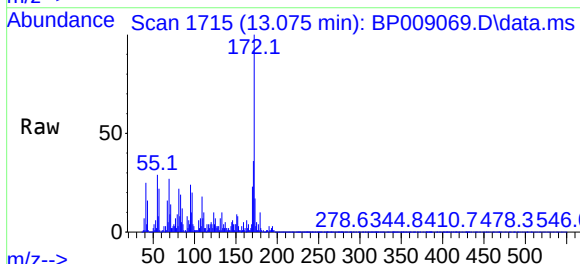
Instrument :
BNA_P
ClientSampleId :
DB-11(15-20)-02-02-22

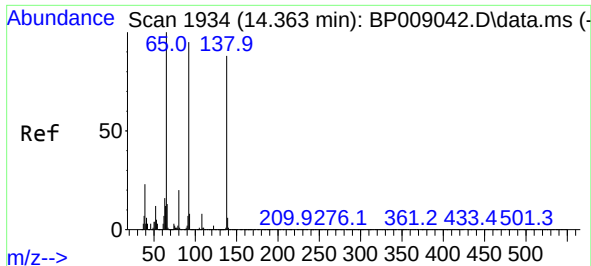
Tgt Ion:330 Resp: 78931
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 23.0 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 9.099 ng
RT: 13.075 min Scan# 1715
Delta R.T. 0.006 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

Tgt Ion:172 Resp: 283205
Ion Ratio Lower Upper
172 100
171 35.6 29.3 43.9
170 23.3 19.5 29.3

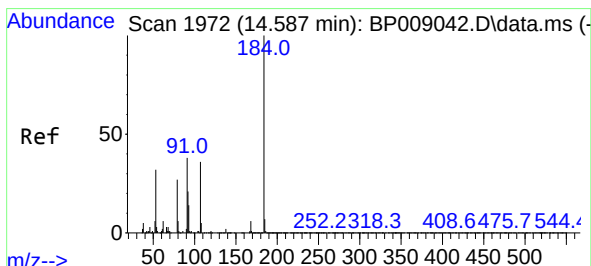
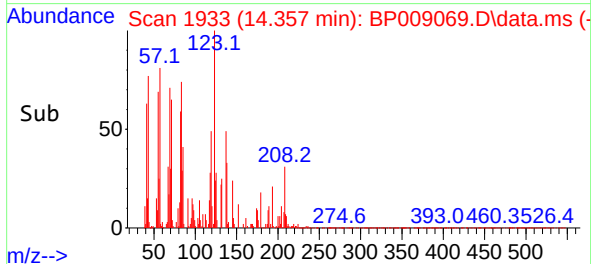
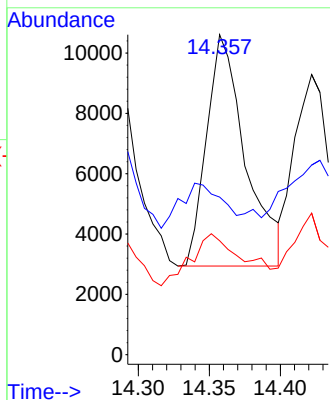
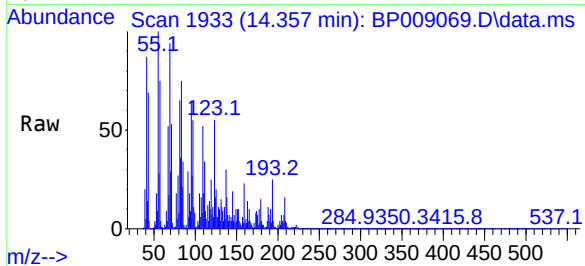




#53
3-Nitroaniline
Concen: 2.197 ng
RT: 14.357 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

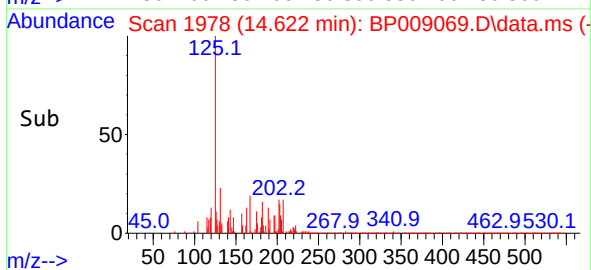
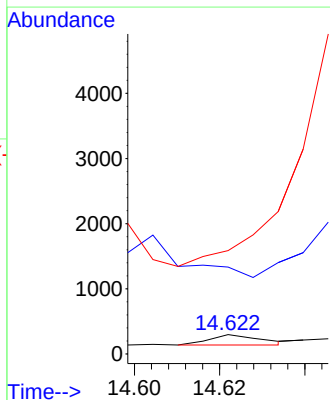
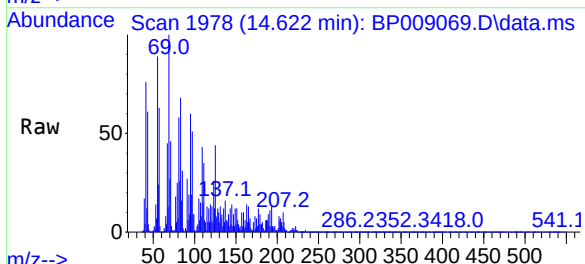
Instrument :
BNA_P
ClientSampleId :
DB-11(15-20)-02-02-22

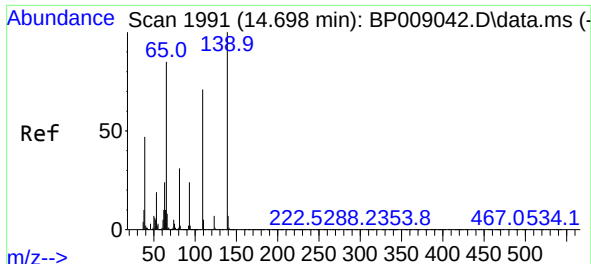
Tgt Ion:138 Resp: 14555
Ion Ratio Lower Upper
138 100
108 49.3 8.0 12.0#
92 35.6 81.7 122.5#



#54
2,4-Dinitrophenol
Concen: 2.215 ng
RT: 14.622 min Scan# 1978
Delta R.T. 0.035 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

Tgt Ion:184 Resp: 133
Ion Ratio Lower Upper
184 100
63 447.7 35.6 53.4#
154 532.6 43.4 65.0#

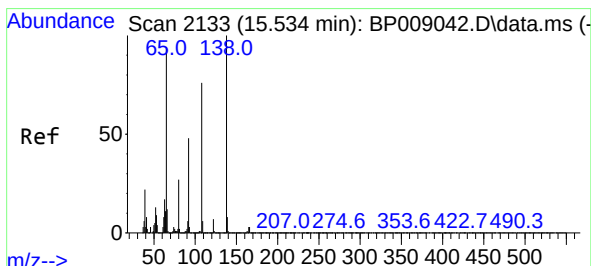
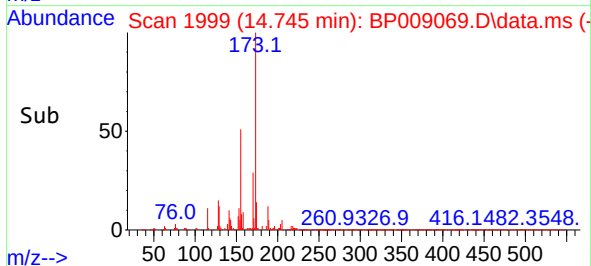
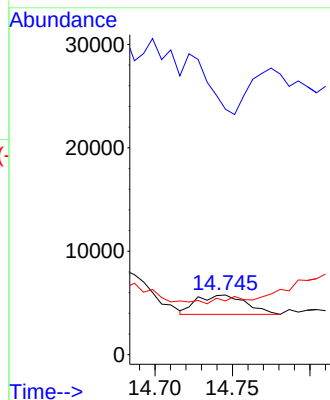
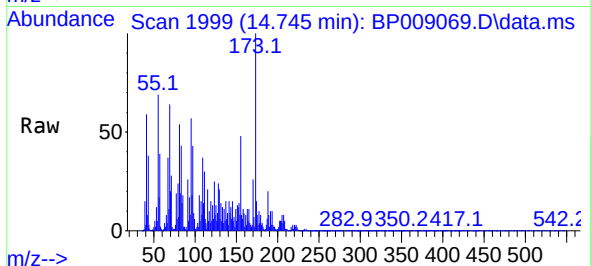




#56
4-Nitrophenol
Concen: 2.547 ng
RT: 14.745 min Scan# 1999
Delta R.T. 0.047 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

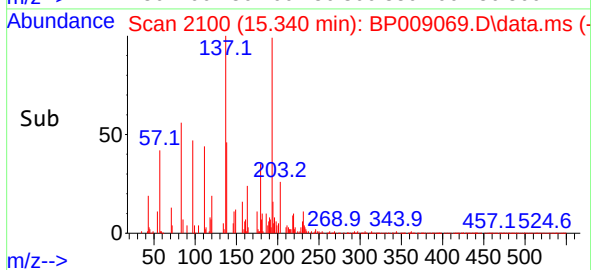
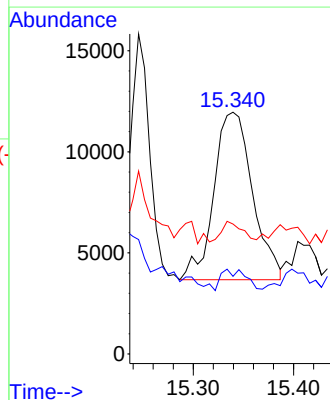
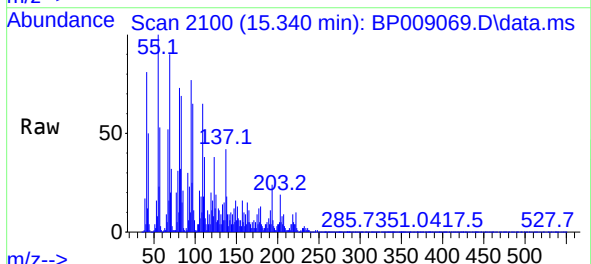
Instrument :
BNA_P
ClientSampleId :
DB-11(15-20)-02-02-22

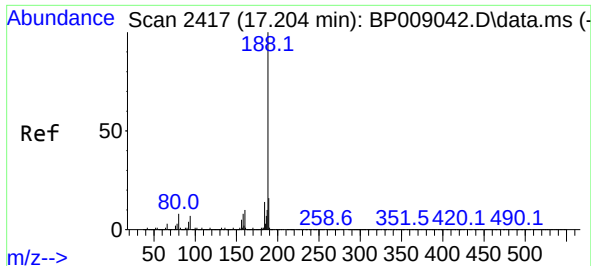
Tgt Ion:139 Resp: 4107
Ion Ratio Lower Upper
139 100
109 411.8 42.2 82.2#
65 90.3 57.3 97.3



#62
4-Nitroaniline
Concen: 3.338 ng
RT: 15.340 min Scan# 2100
Delta R.T. -0.194 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

Tgt Ion:138 Resp: 22237
Ion Ratio Lower Upper
138 100
92 32.1 24.3 64.3
108 53.7 44.8 84.8

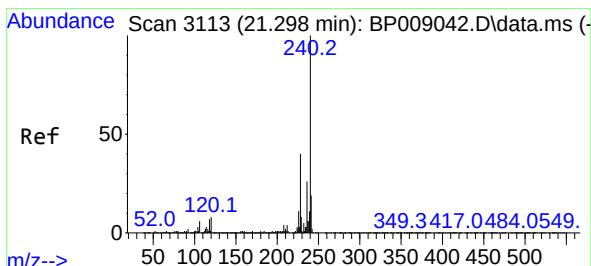
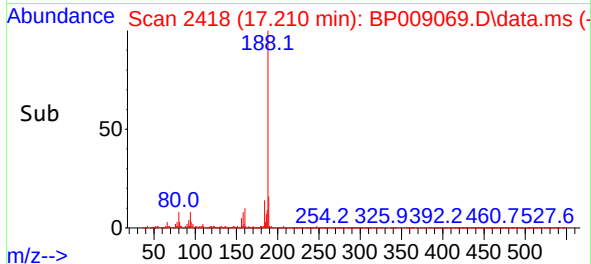
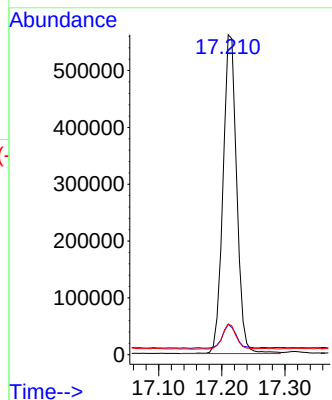
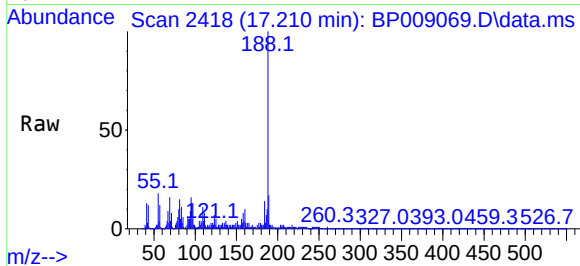




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2417
Delta R.T. 0.006 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

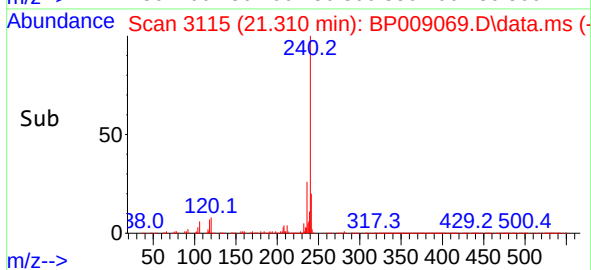
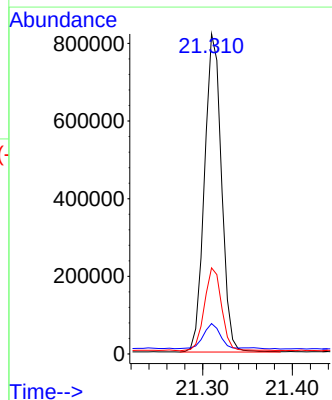
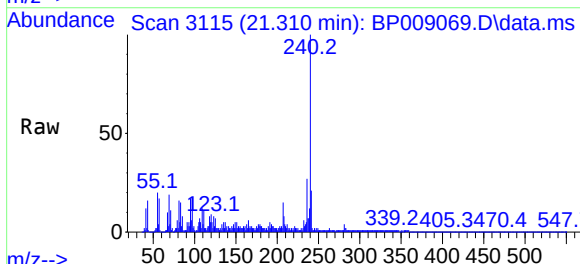
Instrument :
BNA_P
ClientSampleId :
DB-11(15-20)-02-02-22

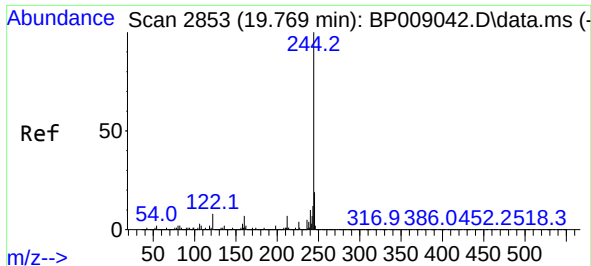
Tgt Ion:188 Resp: 845725
Ion Ratio Lower Upper
188 100
94 9.5 6.8 10.2
80 9.6 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. 0.012 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

Tgt Ion:240 Resp: 1077728
Ion Ratio Lower Upper
240 100
120 9.5 7.7 11.5
236 26.9 21.2 31.8

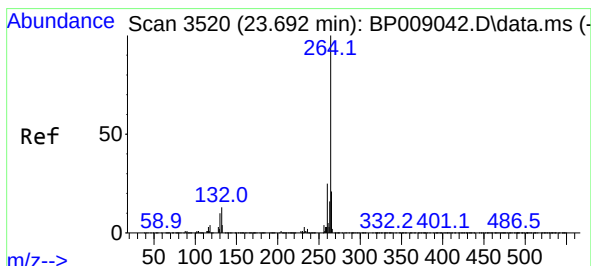
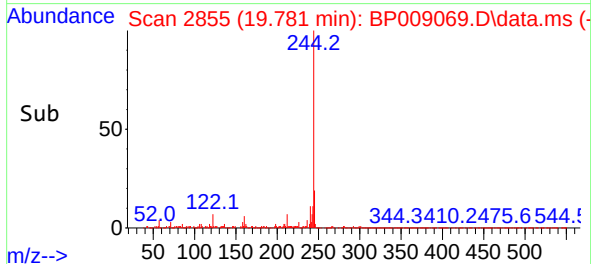
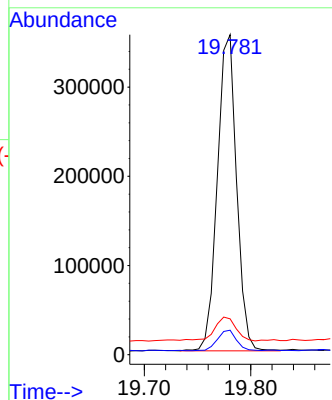
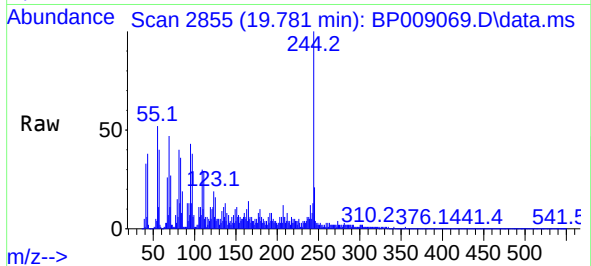




#79
Terphenyl-d14
Concen: 7.390 ng
RT: 19.781 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

Instrument :
BNA_P
ClientSampleId :
DB-11(15-20)-02-02-22

Tgt Ion:244 Resp: 442879
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 11.2 9.2 13.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.716 min Scan# 3524
Delta R.T. 0.024 min
Lab File: BP009069.D
Acq: 08 Feb 2022 21:05

Tgt Ion:264 Resp: 1259007
Ion Ratio Lower Upper
264 100
260 24.3 19.1 28.7
265 22.9 17.1 25.7

