

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
 Data File : BP006125.D
 Acq On : 01 Jul 2021 01:04
 Operator : CG/JU
 Sample : M2896-03 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FS-02

Quant Time: Jul 01 03:10:05 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 16:39:37 2021
 Response via : Initial Calibration

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

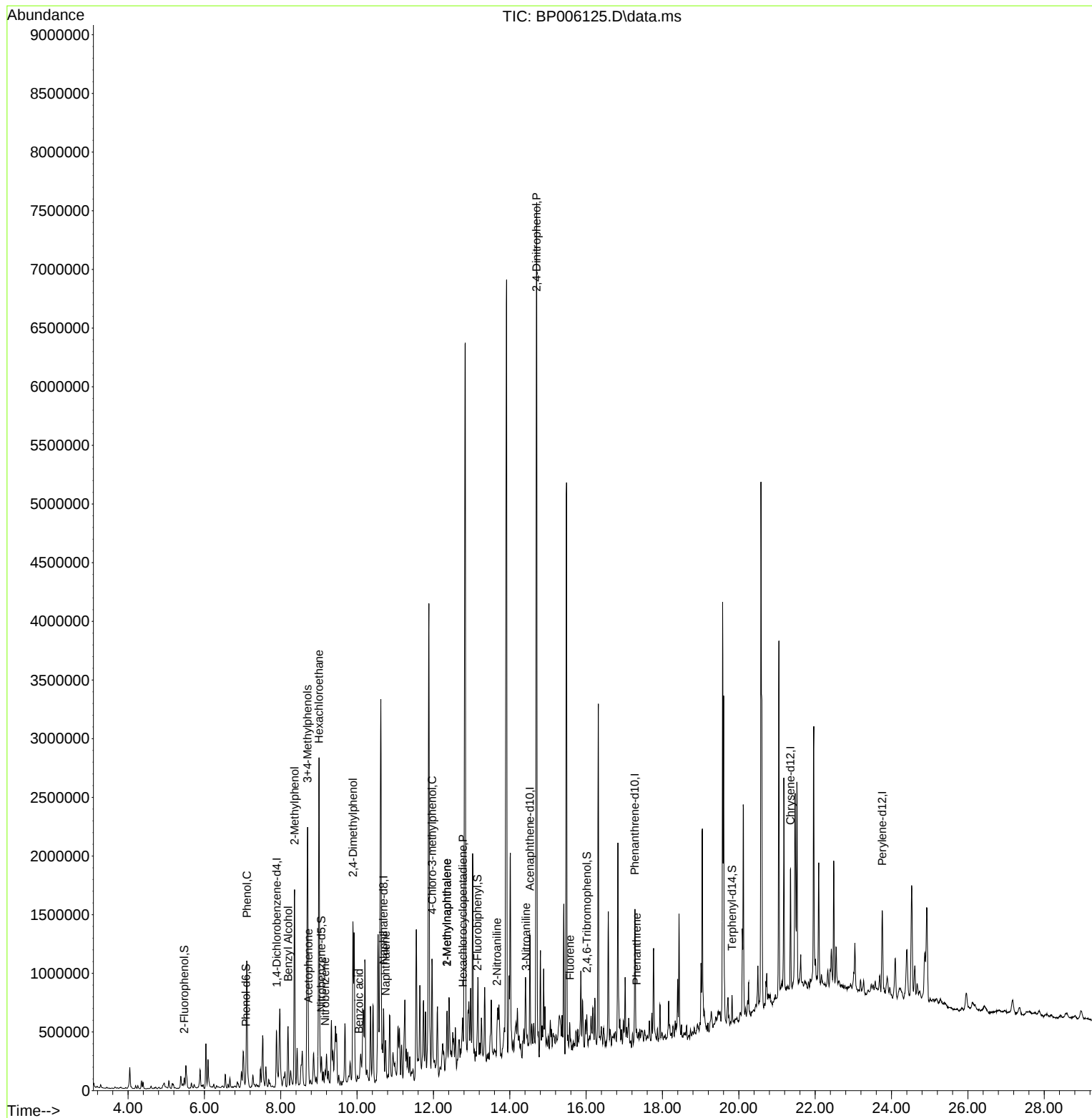
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	135172	20.00	ng	0.00
21) Naphthalene-d8	10.693	136	527974	20.00	ng	0.00
39) Acenaphthene-d10	14.528	164	321221	20.00	ng	0.00
64) Phenanthrene-d10	17.275	188	581164	20.00	ng	0.00
76) Chrysene-d12	21.351	240	469582	20.00	ng	# 0.00
86) Perylene-d12	23.757	264	531070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	41241	4.90	ng	0.00
7) Phenol-d6	7.087	99	52397	4.80	ng	0.01
23) Nitrobenzene-d5	9.063	82	32545	3.02	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	25492	4.62	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	78452	3.21	ng	0.00
79) Terphenyl-d14	19.822	244	104133	4.15	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.116	94	588389	53.94	ng	97
15) Benzyl Alcohol	8.193	79	23623	2.87	ng	# 46
17) 2-Methylphenol	8.363	107	550140	74.03	ng	97
18) Hexachloroethane	8.999	117	12007	3.01	ng	# 1
20) 3+4-Methylphenols	8.704	107	1123972	111.96	ng	97
22) Acetophenone	8.728	105	60058	4.32	ng	# 89
24) Nitrobenzene	9.163	77	40582	3.63	ng	# 44
27) 2,4-Dimethylphenol	9.893	122	429380	54.02	ng	99
31) Naphthalene	10.746	128	223839	7.33	ng	99
32) Benzoic acid	10.051	122	13688	8.32	ng	# 82
36) 4-Chloro-3-methylphenol	11.963	107	41339	4.26	ng	# 19
37) 2-Methylnaphthalene	12.357	142	207549	9.54	ng	98
38) 1-Methylnaphthalene	12.357	142	207549	10.13	ng	97
41) Hexachlorocyclopentadiene	12.775	237	11	5.51	ng	93
48) 2-Nitroaniline	13.663	65	30218	5.43	ng	# 63
53) 3-Nitroaniline	14.428	138	35491	6.10	ng	# 12
54) 2,4-Dinitrophenol	14.704	184	21036	10.38	ng	# 1
58) Fluorene	15.575	166	68131	2.70	ng	# 97
71) Phenanthrene	17.322	178	80574	2.31	ng	# 92

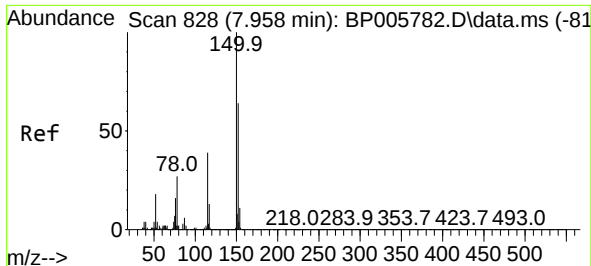
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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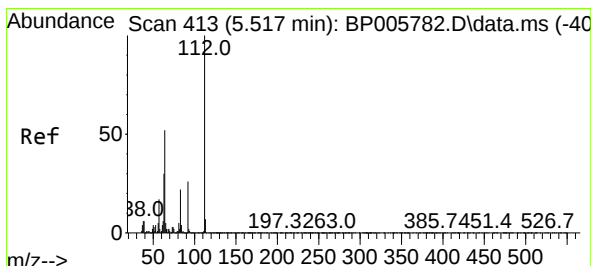
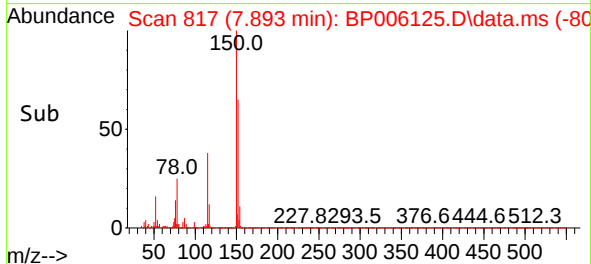
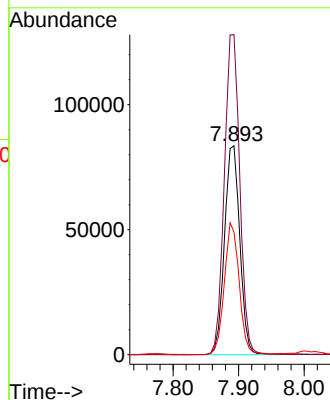
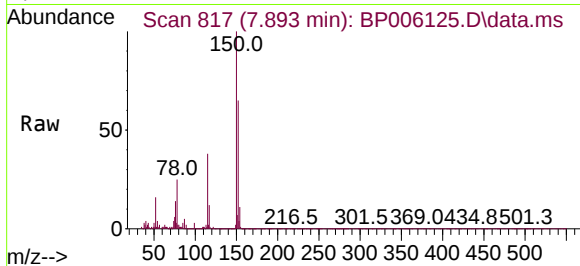




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.893 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

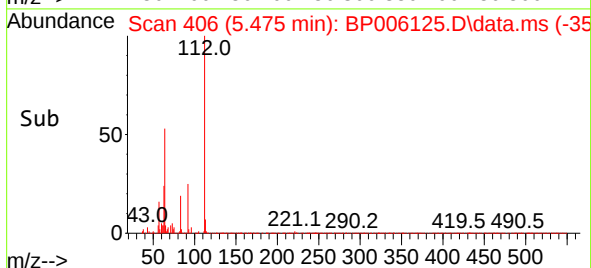
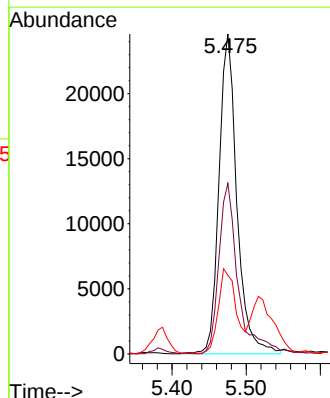
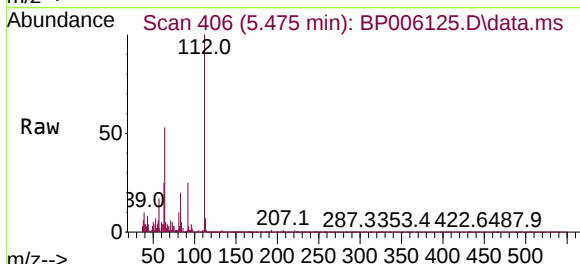
Instrument :
BNA_P
ClientSampleId :
FS-02

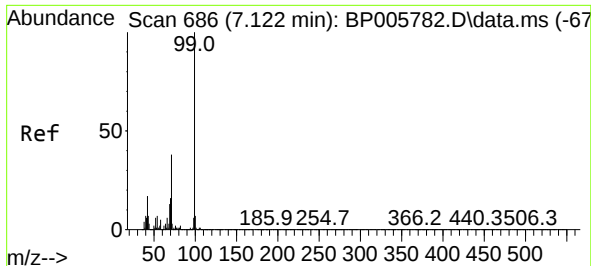
Tgt Ion:152 Resp: 135172
Ion Ratio Lower Upper
152 100
150 153.1 125.6 188.4
115 58.8 48.5 72.7



#5
2-Fluorophenol
Concen: 4.90 ng
RT: 5.475 min Scan# 406
Delta R.T. 0.006 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

Tgt Ion:112 Resp: 41241
Ion Ratio Lower Upper
112 100
64 53.3 41.4 62.2
63 24.5 23.8 35.8

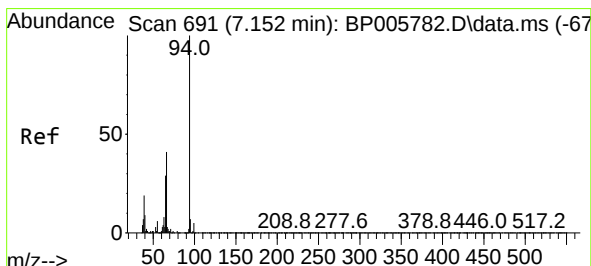
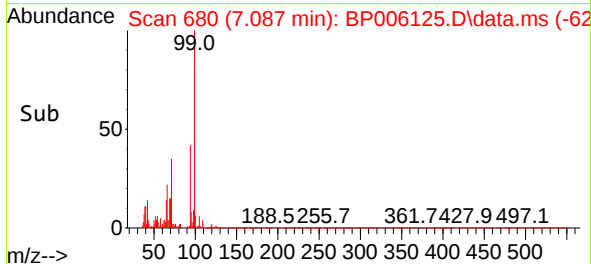
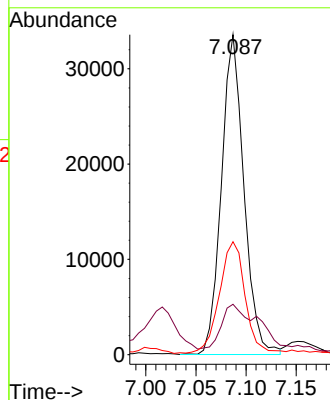
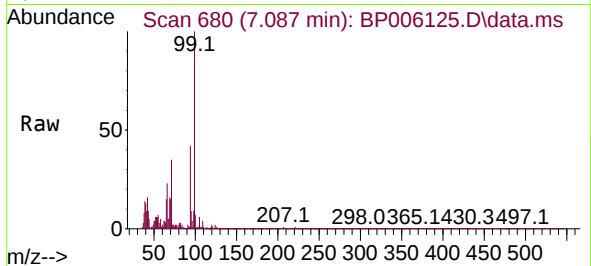




#7
Phenol-d6
Concen: 4.80 ng
RT: 7.087 min Scan# 680
Delta R.T. 0.012 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

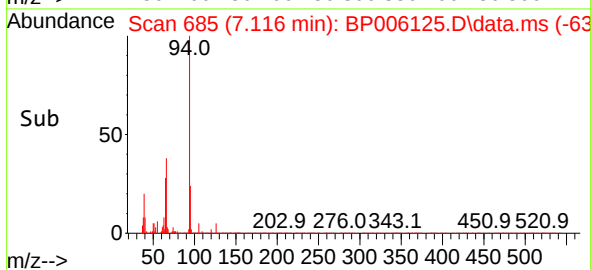
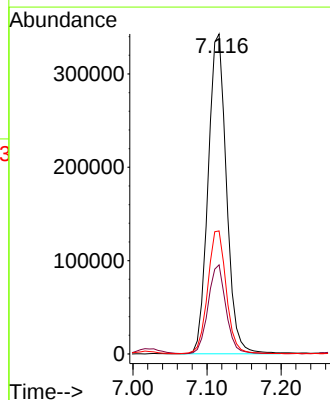
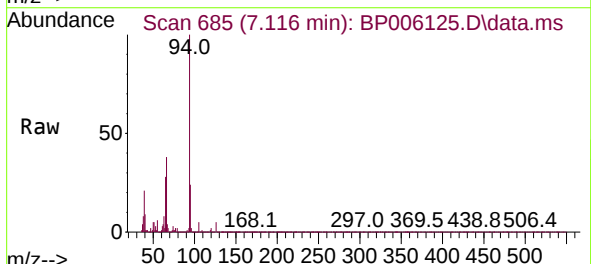
Instrument :
BNA_P
ClientSampleId :
FS-02

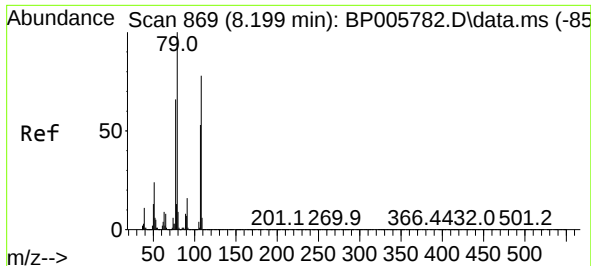
Tgt Ion: 99 Resp: 52397
Ion Ratio Lower Upper
99 100
42 15.7 13.4 20.0
71 35.3 30.6 46.0



#10
Phenol
Concen: 53.94 ng
RT: 7.116 min Scan# 685
Delta R.T. 0.018 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

Tgt Ion: 94 Resp: 588389
Ion Ratio Lower Upper
94 100
65 27.9 8.8 48.8
66 38.5 20.7 60.7

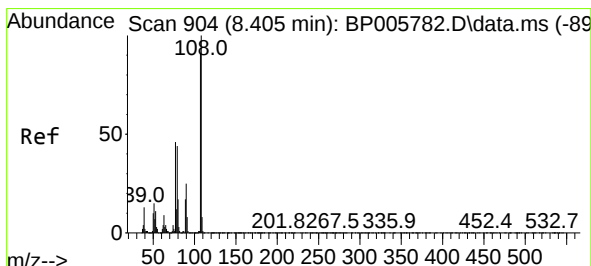
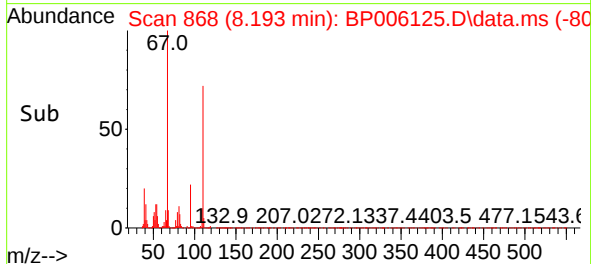
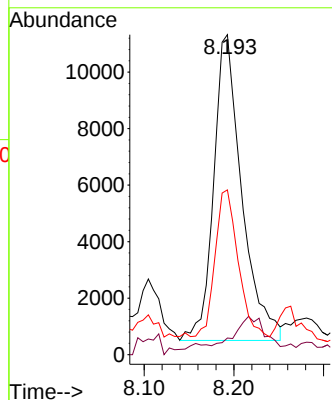
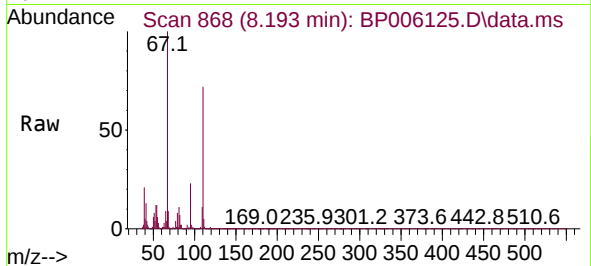




#15
Benzyl Alcohol
Concen: 2.87 ng
RT: 8.193 min Scan# 868
Delta R.T. 0.047 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

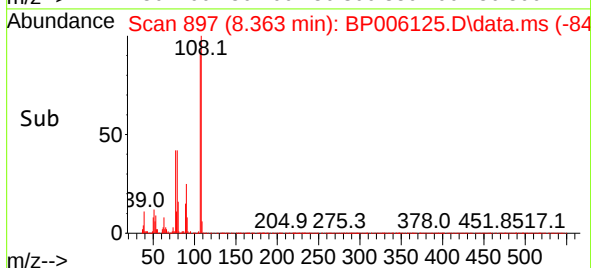
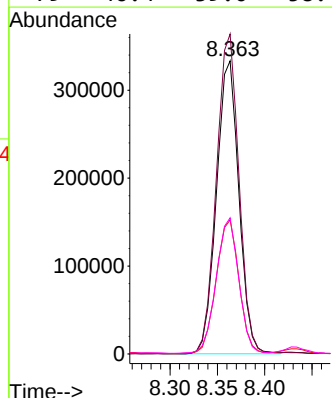
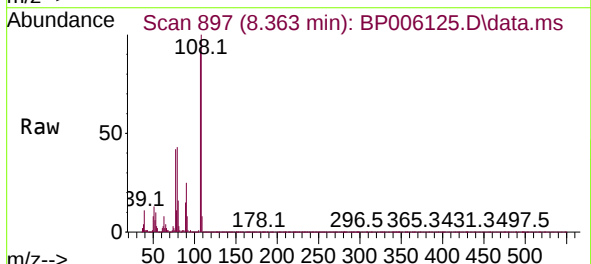
Instrument :
BNA_P
ClientSampleId :
FS-02

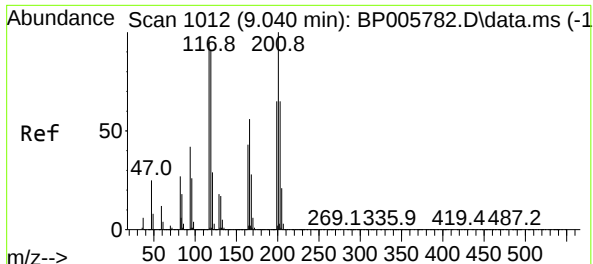
Tgt Ion: 79	Resp: 23623
Ion Ratio	Lower Upper
79 100	
108 5.2	62.5 93.7#
77 51.5	52.9 79.3#



#17
2-Methylphenol
Concen: 74.03 ng
RT: 8.363 min Scan# 897
Delta R.T. 0.012 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

Tgt Ion: 107	Resp: 550140
Ion Ratio	Lower Upper
107 100	
108 109.2	87.7 131.5
77 45.8	40.2 60.2
79 46.4	39.0 58.4

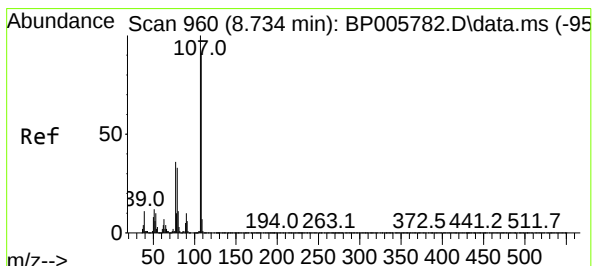
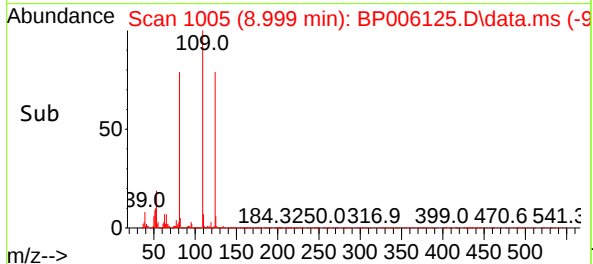
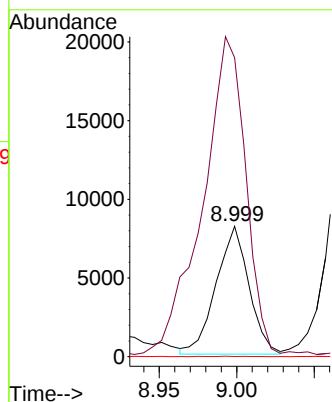
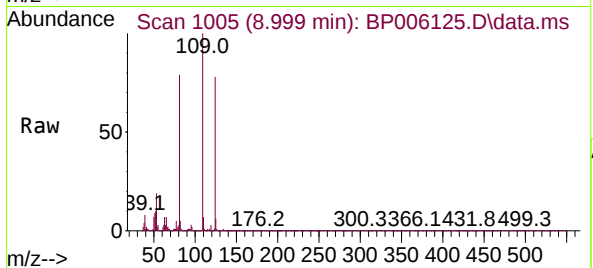




#18
Hexachloroethane
Concen: 3.01 ng
RT: 8.999 min Scan# 1005
Delta R.T. 0.035 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

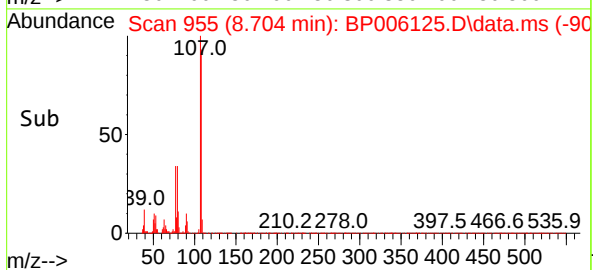
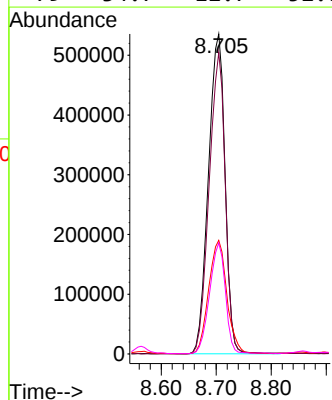
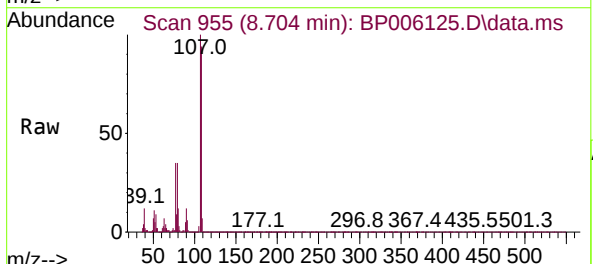
Instrument :
BNA_P
ClientSampled :
FS-02

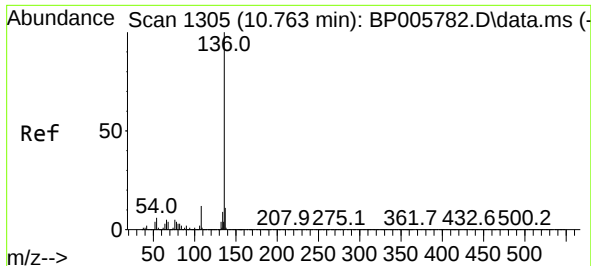
Tgt Ion:117 Resp: 12007
Ion Ratio Lower Upper
117 100
119 229.2 76.2 114.2#
201 0.1 83.4 125.0#



#20
3+4-Methylphenols
Concen: 111.96 ng
RT: 8.704 min Scan# 955
Delta R.T. 0.024 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

Tgt Ion:107 Resp: 1123972
Ion Ratio Lower Upper
107 100
108 94.2 71.0 111.0
77 35.5 16.6 56.6
79 34.7 12.7 52.7

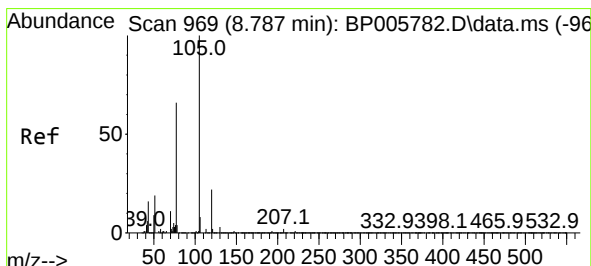
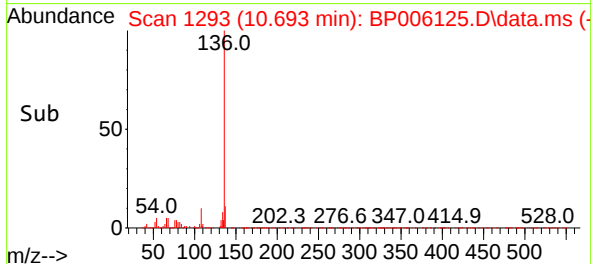
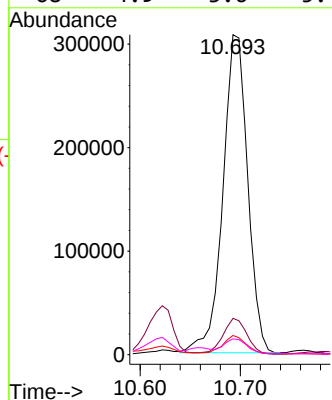
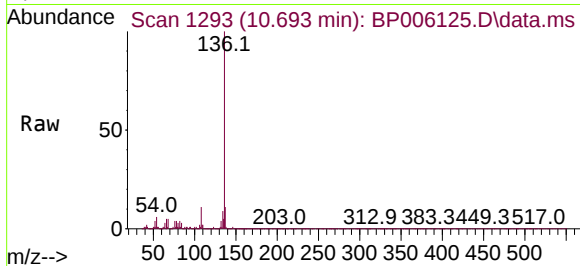




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.693 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

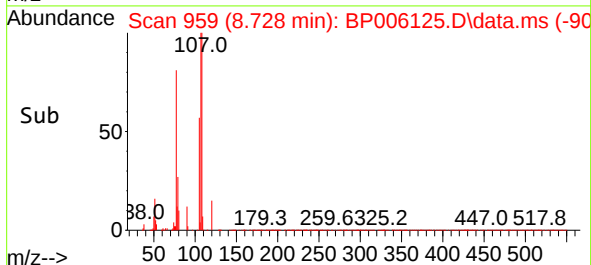
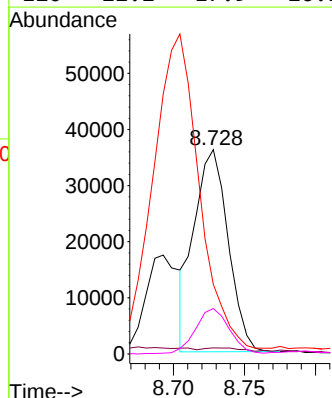
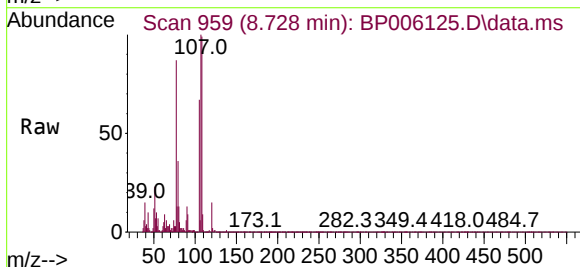
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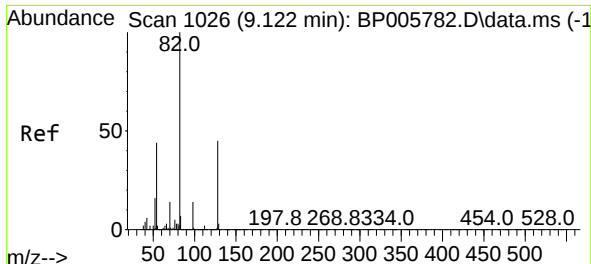
Tgt Ion:	136	Resp:	527974
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.6	12.8
54	6.0	4.6	6.8
68	4.9	3.6	5.4



#22
Acetophenone
Concen: 4.32 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.006 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

Tgt Ion:	105	Resp:	60058
Ion Ratio	Lower	Upper	
105	100		
71	3.0	1.9	2.9#
51	34.1	18.4	27.6#
120	22.2	17.9	26.9

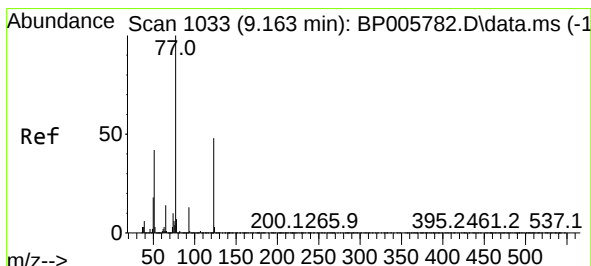
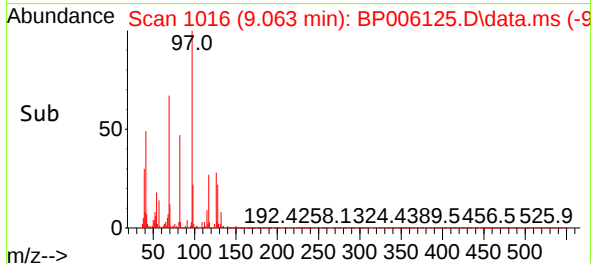
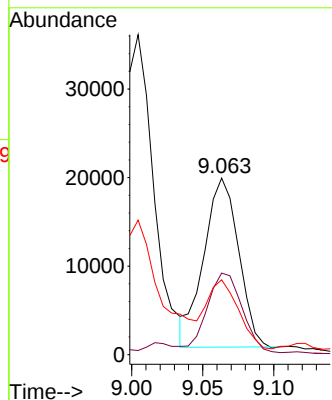
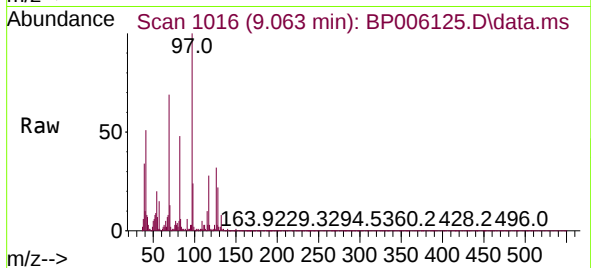




#23
Nitrobenzene-d5
Concen: 3.02 ng
RT: 9.063 min Scan# 1016
Delta R.T. 0.006 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

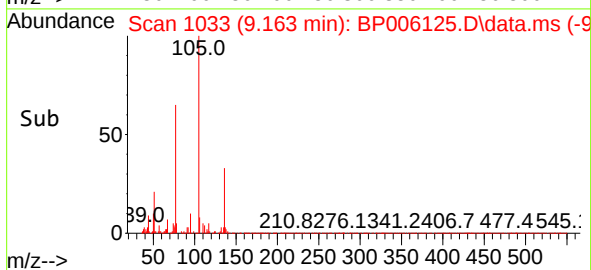
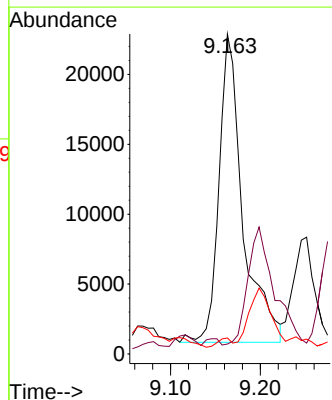
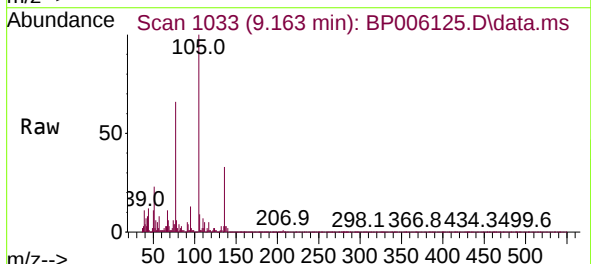
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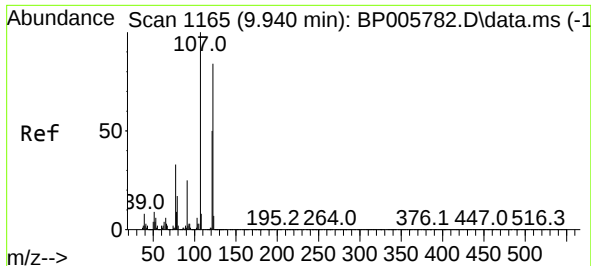
Tgt Ion: 82 Resp: 32545
Ion Ratio Lower Upper
82 100
128 46.2 35.7 53.5
54 42.4 35.0 52.4



#24
Nitrobenzene
Concen: 3.63 ng
RT: 9.163 min Scan# 1033
Delta R.T. 0.059 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

Tgt Ion: 77 Resp: 40582
Ion Ratio Lower Upper
77 100
123 3.1 38.2 57.2#
65 5.0 11.4 17.2#

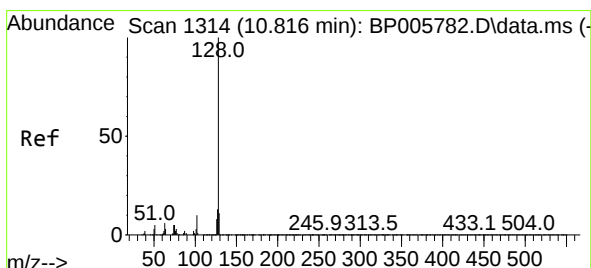
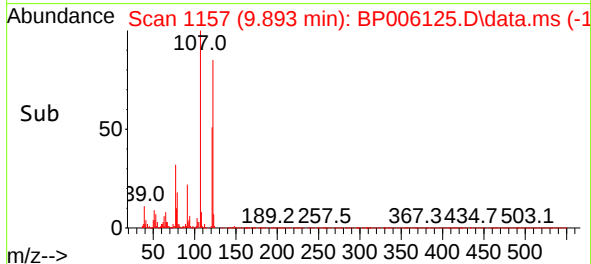
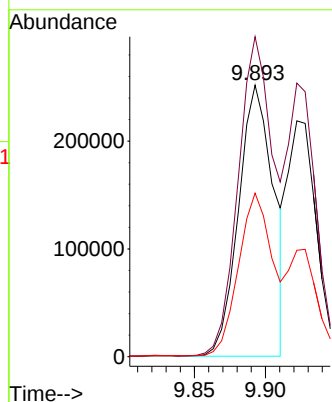
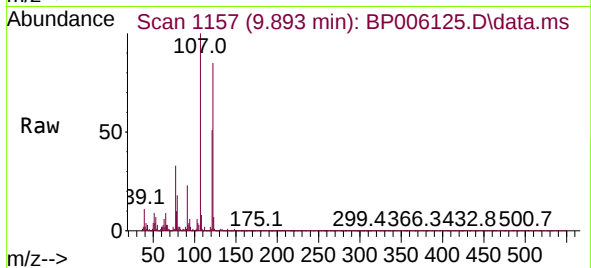




#27
2,4-Dimethylphenol
Concen: 54.02 ng
RT: 9.893 min Scan# 1157
Delta R.T. 0.012 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

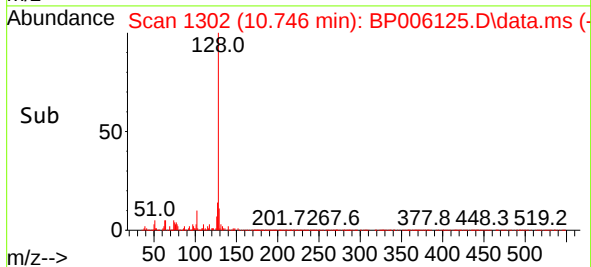
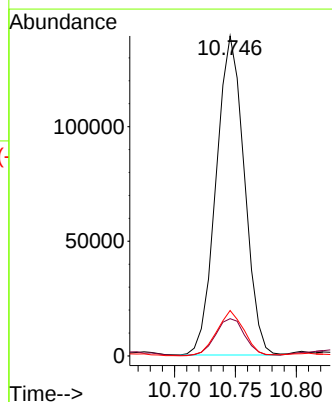
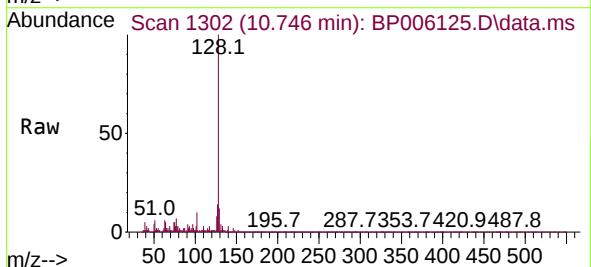
Instrument :
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ClientSampleId :
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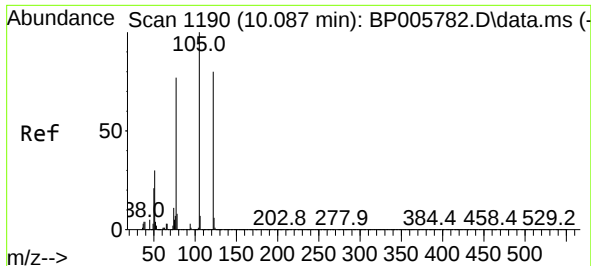
Tgt Ion:122 Resp: 429380
Ion Ratio Lower Upper
122 100
107 117.9 94.5 141.7
121 60.3 47.4 71.2



#31
Naphthalene
Concen: 7.33 ng
RT: 10.746 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

Tgt Ion:128 Resp: 223839
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 14.2 10.7 16.1

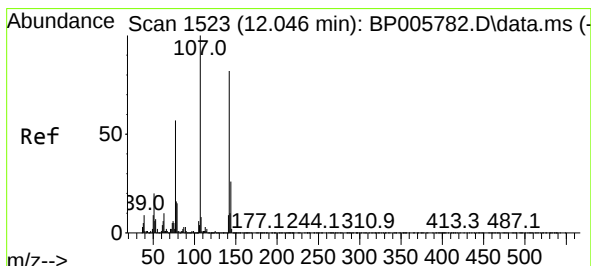
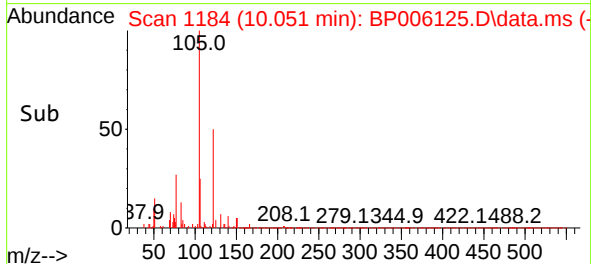
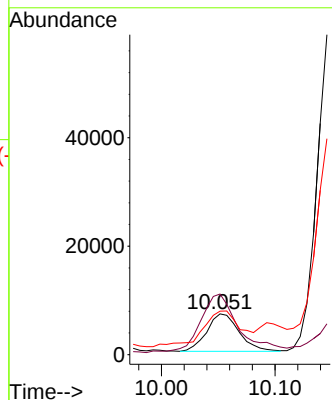
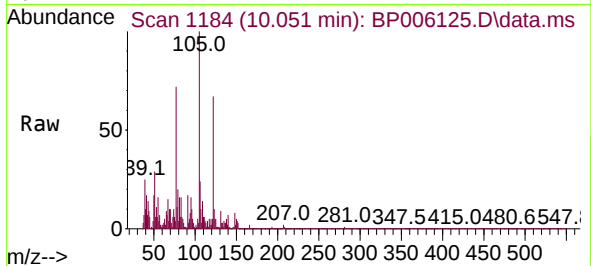




#32
Benzoic acid
Concen: 8.32 ng
RT: 10.051 min Scan# 1184
Delta R.T. -0.023 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

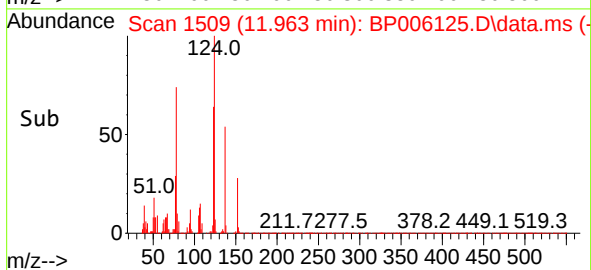
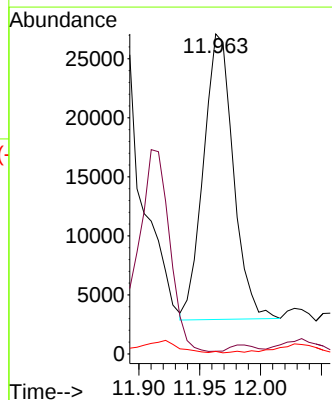
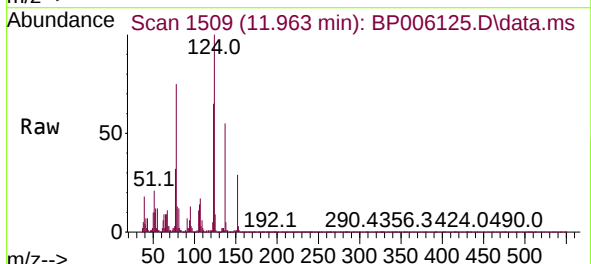
Instrument :
BNA_P
ClientSampleId :
FS-02

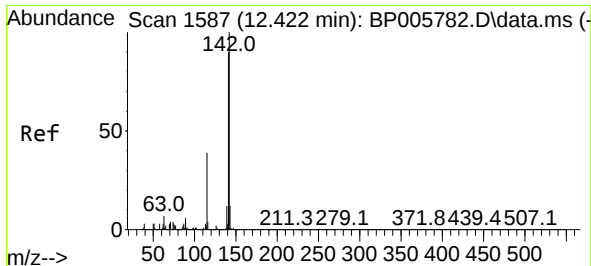
Tgt Ion:122 Resp: 13688
Ion Ratio Lower Upper
122 100
105 149.0 103.2 143.2#
77 106.8 76.2 116.2



#36
4-Chloro-3-methylphenol
Concen: 4.26 ng
RT: 11.963 min Scan# 1509
Delta R.T. -0.035 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

Tgt Ion:107 Resp: 41339
Ion Ratio Lower Upper
107 100
144 0.9 21.1 31.7#
142 0.8 66.0 99.0#

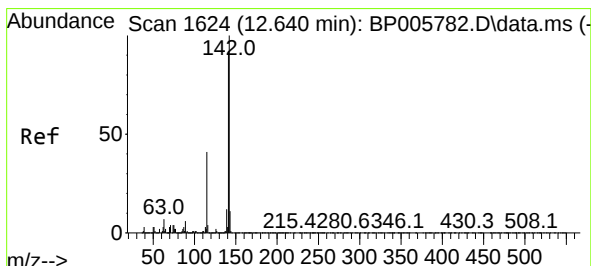
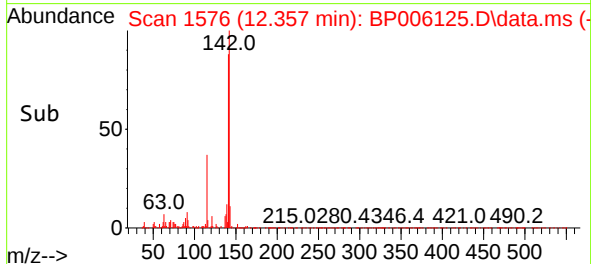
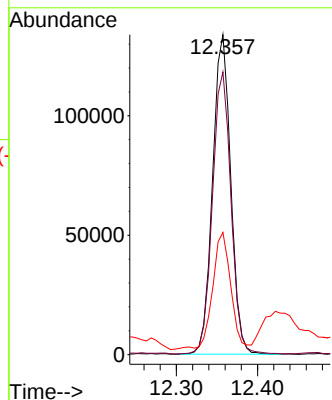
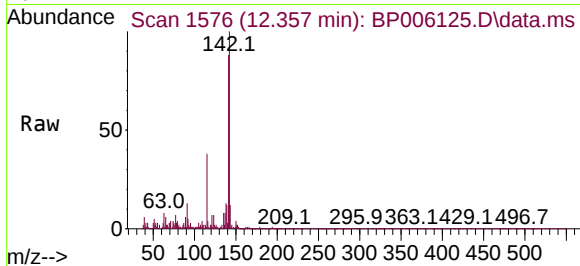




#37
2-Methylnaphthalene
Concen: 9.54 ng
RT: 12.357 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

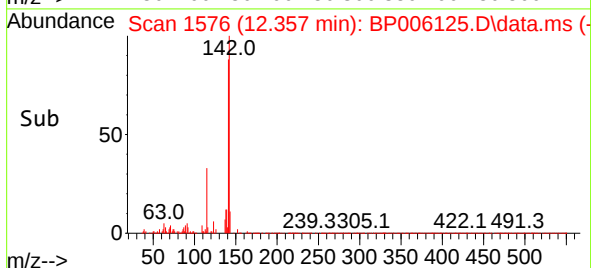
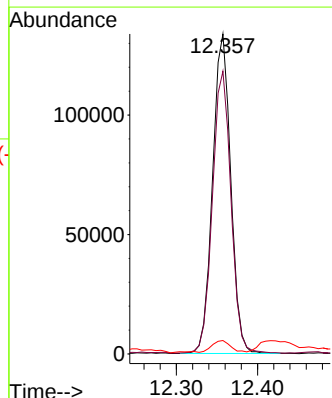
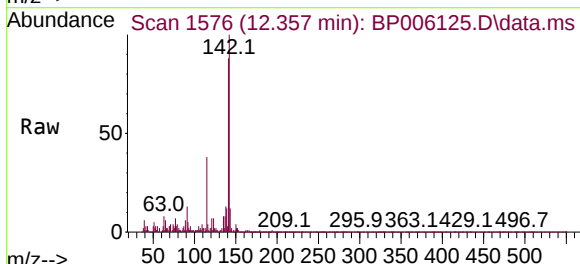
Instrument :
BNA_P
ClientSampled :
FS-02

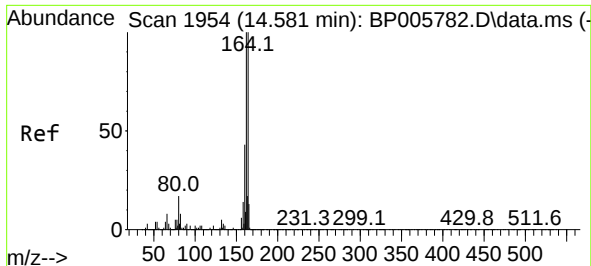
Tgt Ion:142 Resp: 207549
Ion Ratio Lower Upper
142 100
141 88.4 71.8 107.6
115 38.2 31.6 47.4



#38
1-Methylnaphthalene
Concen: 10.13 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.212 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

Tgt Ion:142 Resp: 207549
Ion Ratio Lower Upper
142 100
141 88.4 73.3 109.9
116 4.2 3.5 5.3

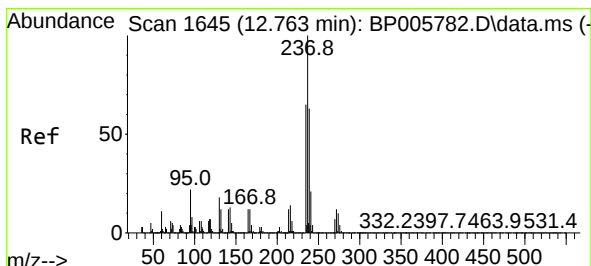
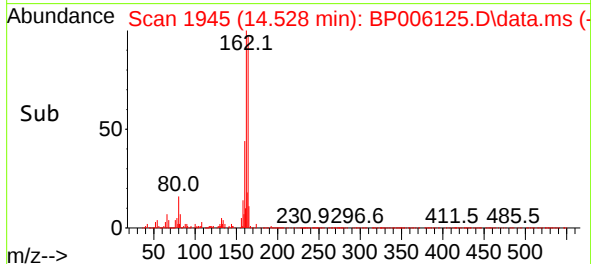
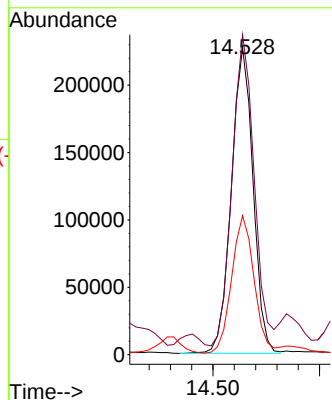
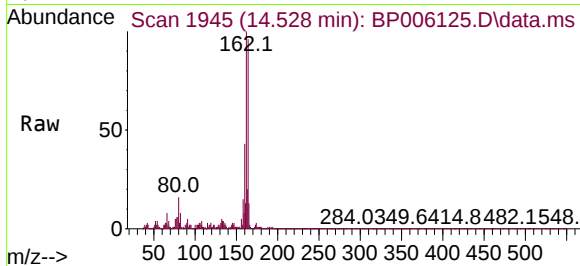




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.528 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

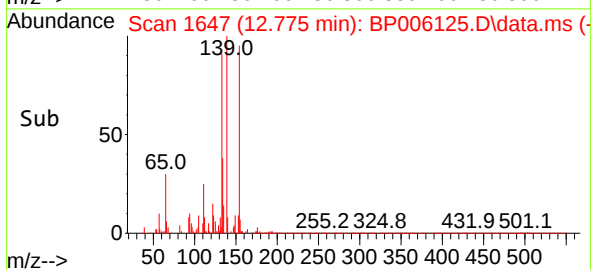
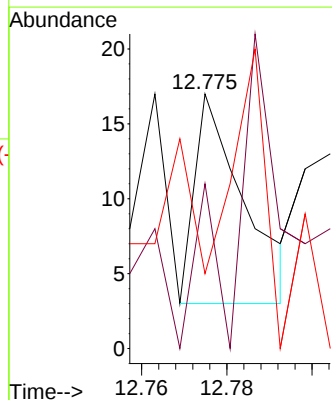
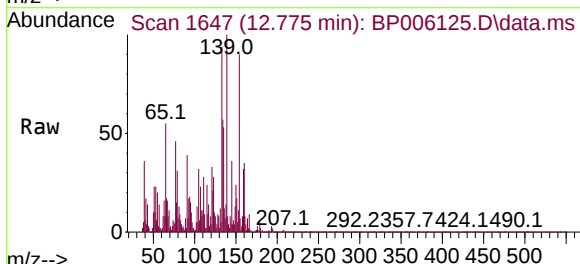
Instrument :
BNA_P
ClientSampleId :
FS-02

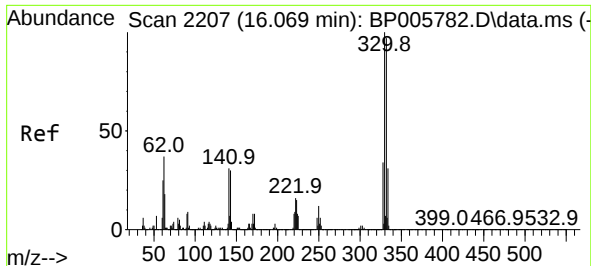
Tgt Ion:164 Resp: 321221
Ion Ratio Lower Upper
164 100
162 104.2 80.2 120.2
160 45.3 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.775 min Scan# 1647
Delta R.T. 0.077 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

Tgt Ion:237 Resp: 11
Ion Ratio Lower Upper
237 100
235 64.7 44.5 84.5
272 29.4 0.0 32.5

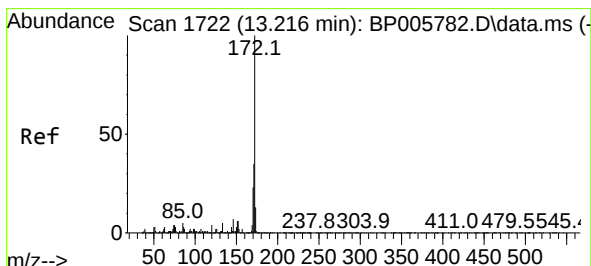
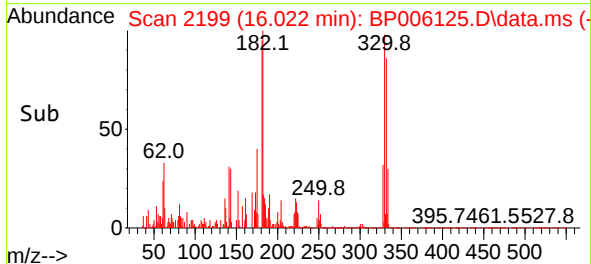
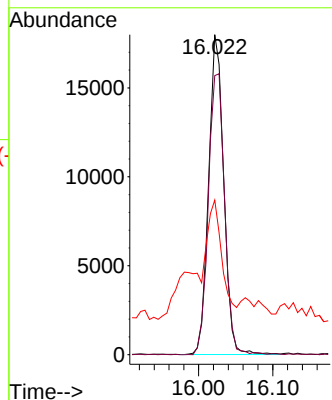
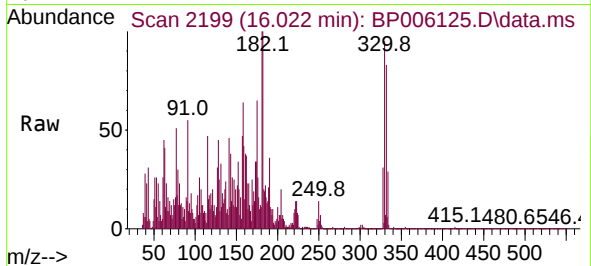




#42
2,4,6-Tribromophenol
Concen: 4.62 ng
RT: 16.022 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

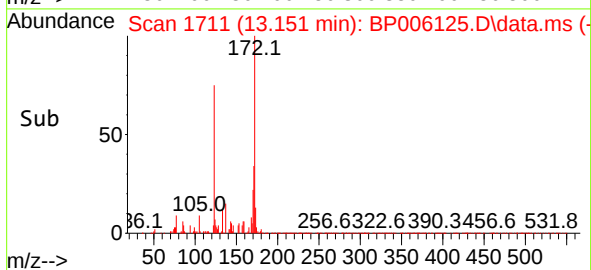
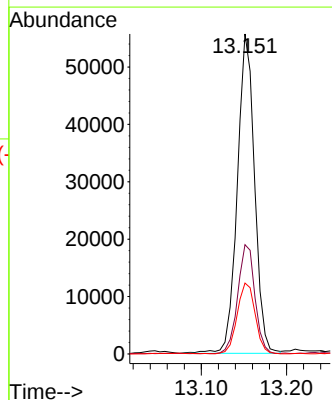
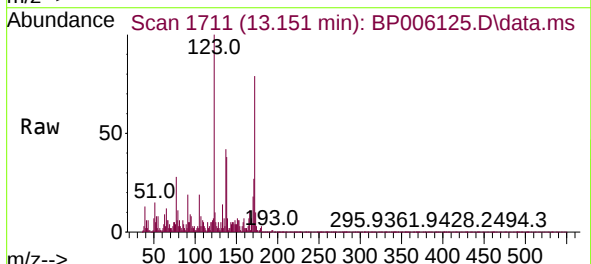
Instrument :
BNA_P
ClientSampleId :
FS-02

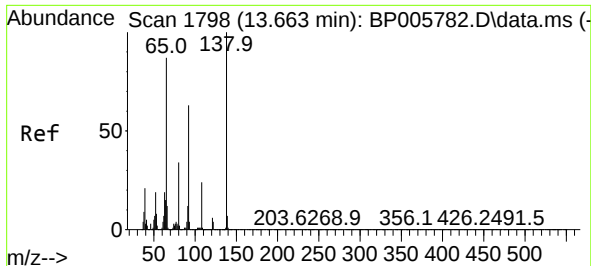
Tgt Ion:	330	Resp:	25492
Ion Ratio	Lower	Upper	
330	100		
332	94.7	77.8	116.8
141	37.5	25.4	38.2



#45
2-Fluorobiphenyl
Concen: 3.21 ng
RT: 13.151 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

Tgt Ion:	172	Resp:	78452
Ion Ratio	Lower	Upper	
172	100		
171	34.1	27.9	41.9
170	22.2	18.6	27.8

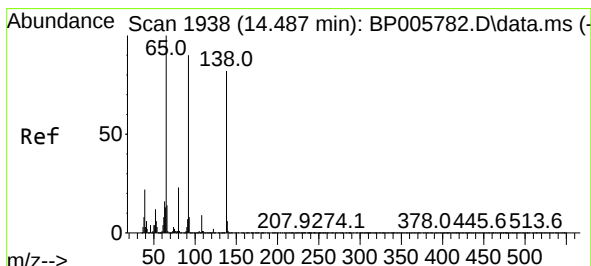
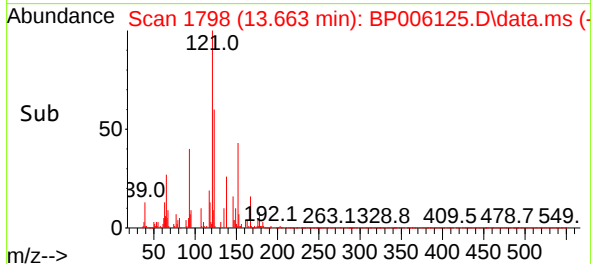
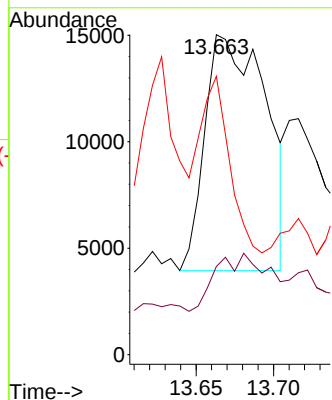
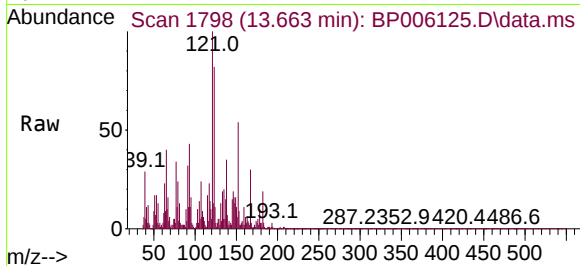




#48
2-Nitroaniline
Concen: 5.43 ng
RT: 13.663 min Scan# 1798
Delta R.T. 0.041 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

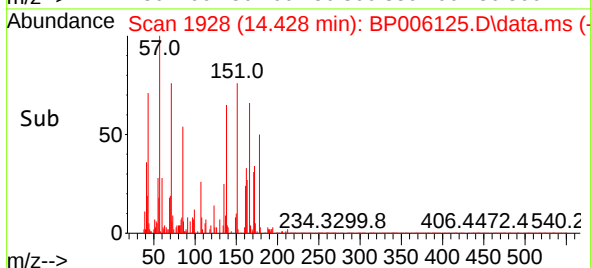
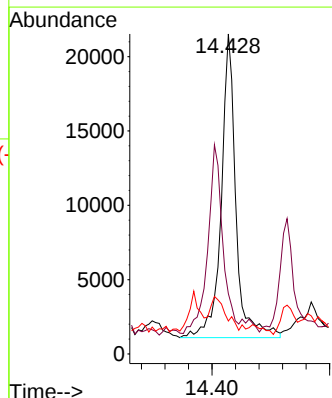
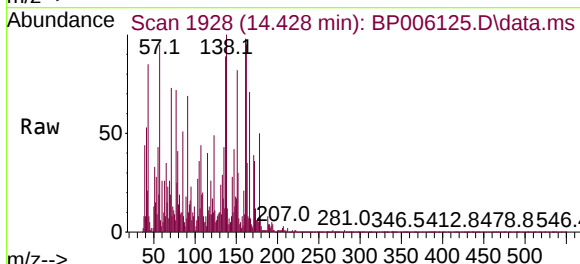
Instrument :
BNA_P
ClientSampleId :
FS-02

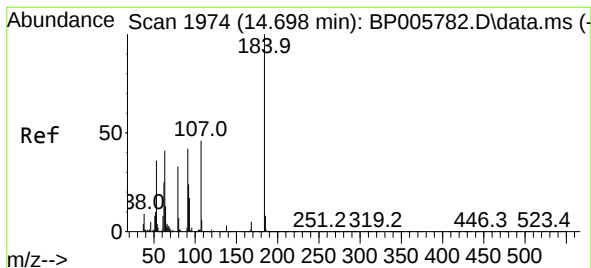
Tgt Ion: 65 Resp: 30218
Ion Ratio Lower Upper
65 100
92 27.6 57.7 86.5#
138 87.0 92.1 138.1#



#53
3-Nitroaniline
Concen: 6.10 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.018 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

Tgt Ion: 138 Resp: 35491
Ion Ratio Lower Upper
138 100
108 18.9 8.4 12.6#
92 10.3 87.8 131.8#

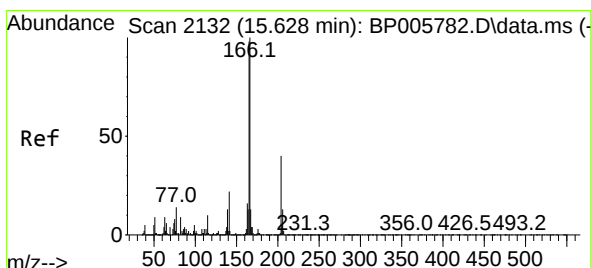
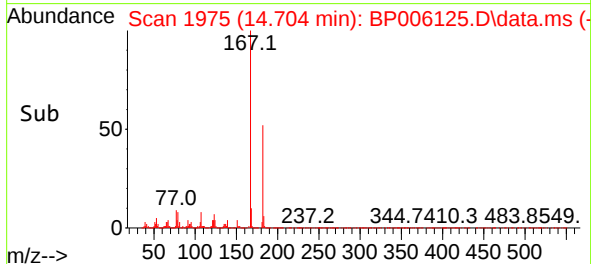
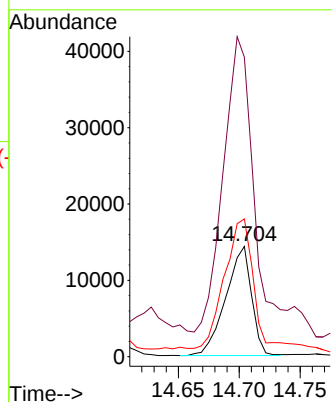
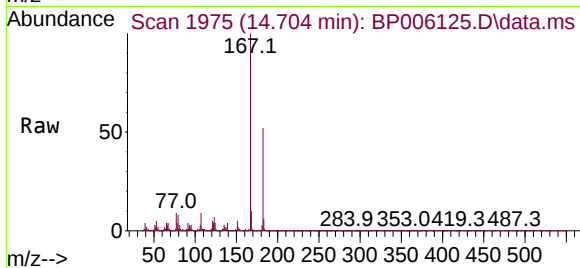




#54
2,4-Dinitrophenol
Concen: 10.38 ng
RT: 14.704 min Scan# 1975
Delta R.T. 0.035 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

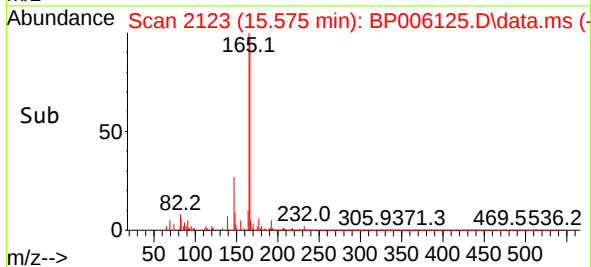
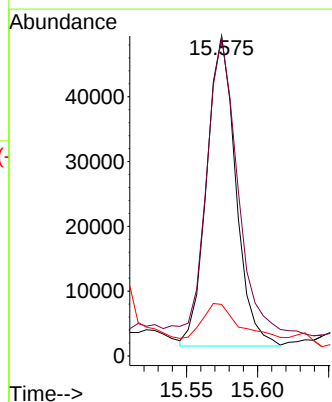
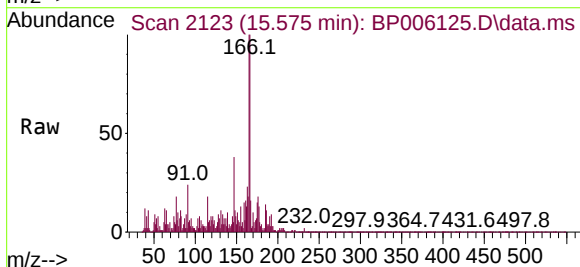
Instrument :
BNA_P
ClientSampleId :
FS-02

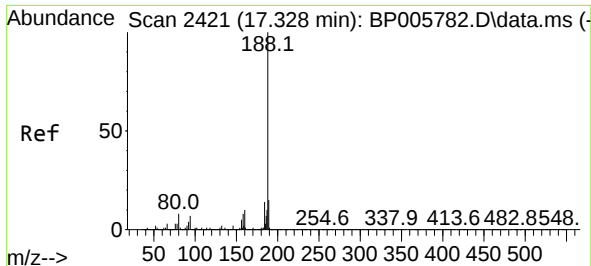
Tgt Ion:184 Resp: 21036
Ion Ratio Lower Upper
184 100
63 271.5 47.0 70.6#
154 125.0 52.3 78.5#



#58
Fluorene
Concen: 2.70 ng
RT: 15.575 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

Tgt Ion:166 Resp: 68131
Ion Ratio Lower Upper
166 100
165 99.6 78.0 117.0
167 16.1 10.5 15.7#

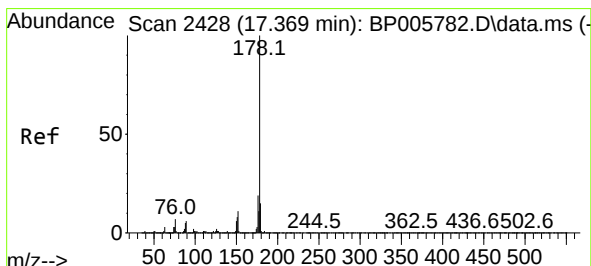
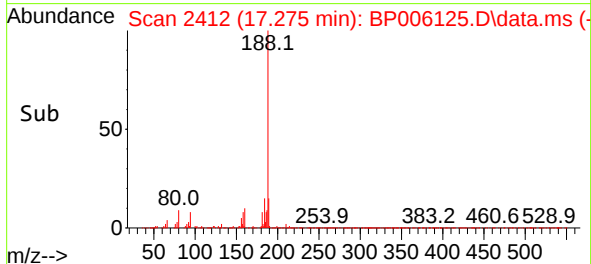
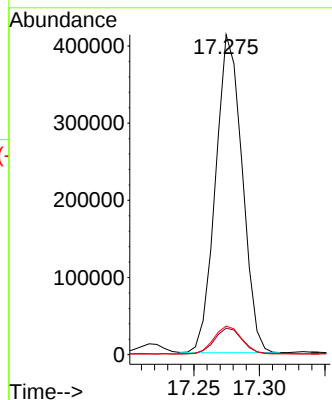
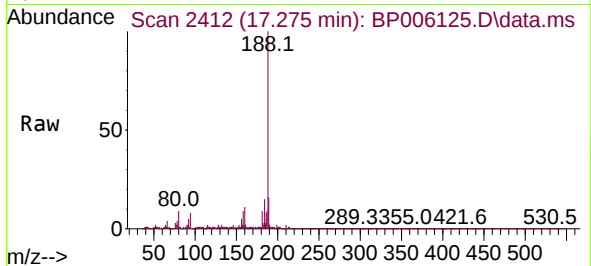




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.275 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

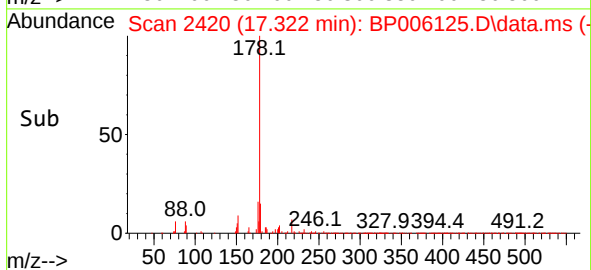
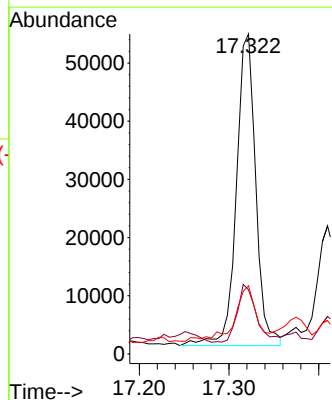
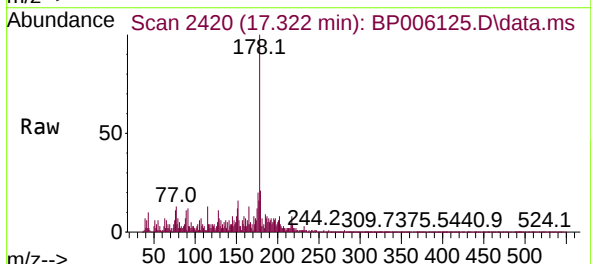
Instrument :
BNA_P
ClientSampleId :
FS-02

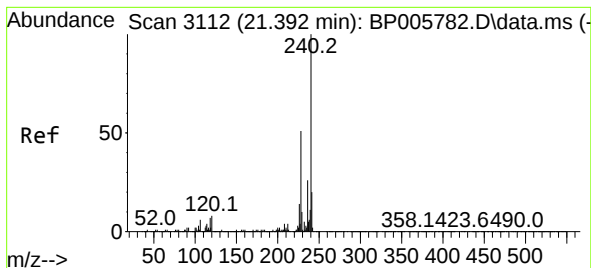
Tgt Ion:188 Resp: 581164
Ion Ratio Lower Upper
188 100
94 8.3 5.6 8.4
80 8.9 6.3 9.5



#71
Phenanthrene
Concen: 2.31 ng
RT: 17.322 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP006125.D
Acq: 01 Jul 2021 01:04

Tgt Ion:178 Resp: 80574
Ion Ratio Lower Upper
178 100
176 20.0 15.1 22.7
179 21.3 12.4 18.6#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.351 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BP006125.D

Acq: 01 Jul 2021 01:04

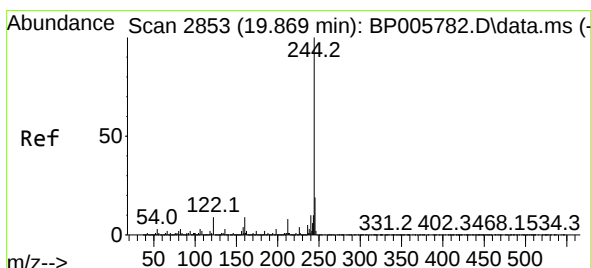
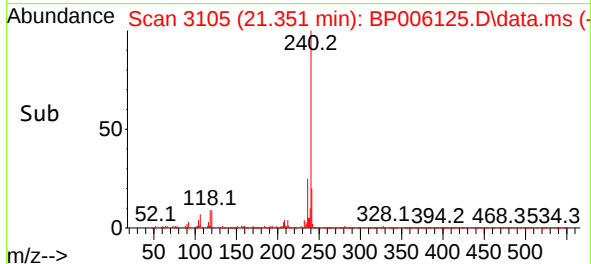
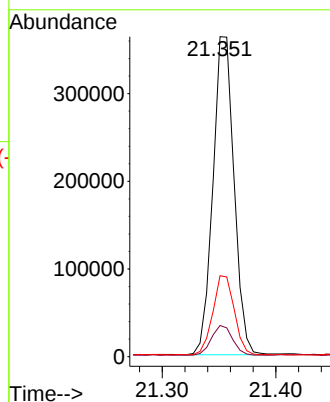
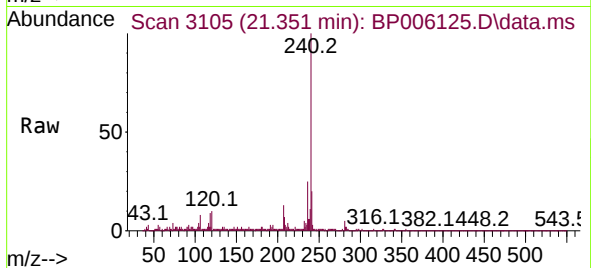
Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:240	Resp: 469582
Ion Ratio	Lower Upper
240	100
120	9.7 6.5 9.7#
236	25.3 20.6 31.0



#79

Terphenyl-d14

Concen: 4.15 ng

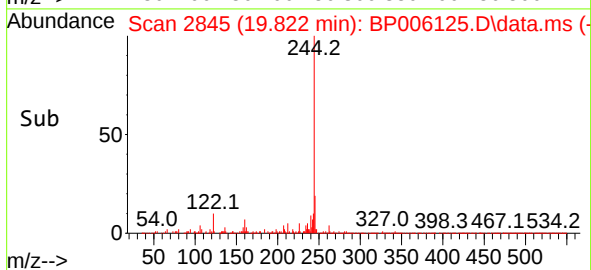
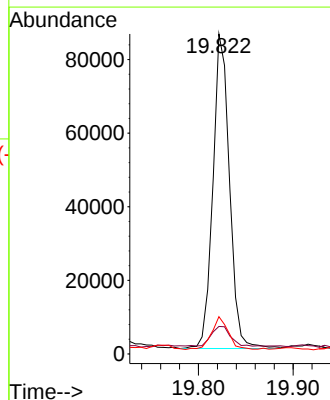
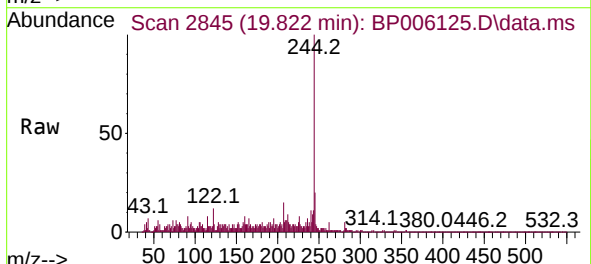
RT: 19.822 min Scan# 2845

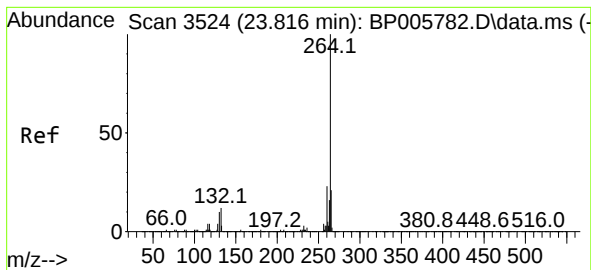
Delta R.T. -0.006 min

Lab File: BP006125.D

Acq: 01 Jul 2021 01:04

Tgt Ion:244	Resp: 104133
Ion Ratio	Lower Upper
244	100
212	8.6 6.0 9.0
122	11.7 7.1 10.7#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.757 min Scan# 3514
 Delta R.T. 0.000 min
 Lab File: BP006125.D
 Acq: 01 Jul 2021 01:04

Instrument :
 BNA_P
 ClientSampleId :
 FS-02

Tgt Ion:	264	Resp:	531070
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	22.4	17.6	26.4

