

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
 Data File : BP008484.D
 Acq On : 17 Dec 2021 22:25
 Operator : CG/JU
 Sample : M5039-09 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 18 06:18:19 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

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

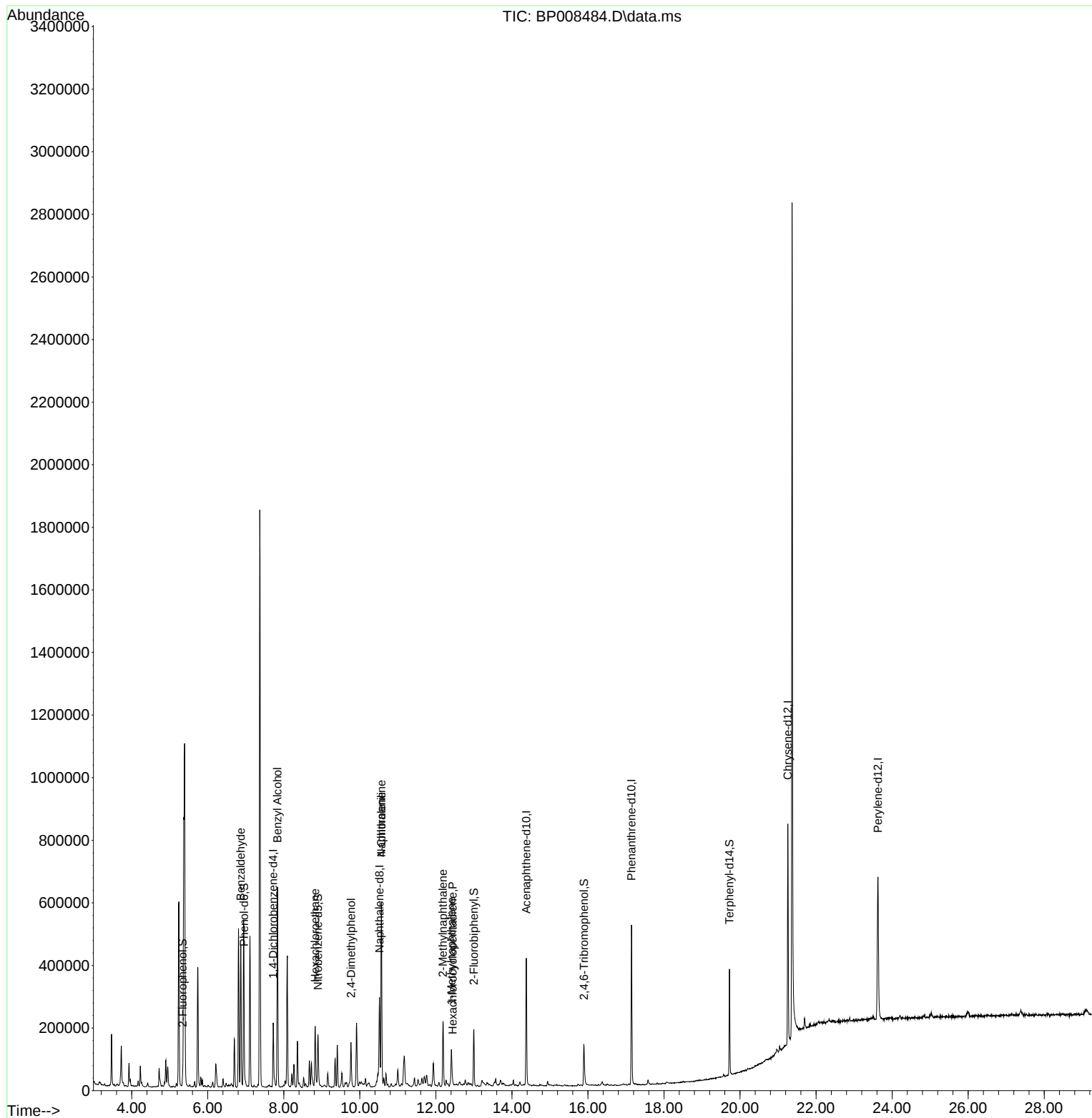
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	53370	20.000	ng	-0.02
21) Naphthalene-d8	10.516	136	205411	20.000	ng	-0.02
39) Acenaphthene-d10	14.380	164	139309	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	316815	20.000	ng	-0.02
76) Chrysene-d12	21.256	240	363831	20.000	ng	-0.01
86) Perylene-d12	23.627	264	389796	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	24125	7.139	ng	0.00
7) Phenol-d6	6.957	99	21880	4.821	ng	0.02
23) Nitrobenzene-d5	8.898	82	37267	7.686	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	28661	14.000	ng	-0.01
45) 2-Fluorobiphenyl	12.998	172	91232	8.325	ng	-0.02
79) Terphenyl-d14	19.721	244	160395	7.673	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	77	Below Cal	#	19
9) Benzaldehyde	6.869	77	34847	10.179	ng	# 1
15) Benzyl Alcohol	7.834	79	36512	10.000	ng	# 12
18) Hexachloroethane	8.828	117	23379	15.546	ng	# 1
27) 2,4-Dimethylphenol	9.769	122	12703	4.405	ng	# 84
31) Naphthalene	10.569	128	437175	40.585	ng	99
33) 4-Chloroaniline	10.569	127	59708	13.837	ng	# 35
37) 2-Methylnaphthalene	12.186	142	89917	12.111	ng	95
38) 1-Methylnaphthalene	12.410	142	42787	5.920	ng	98
41) Hexachlorocyclopentadiene	12.439	237	18	8.663	ng	92

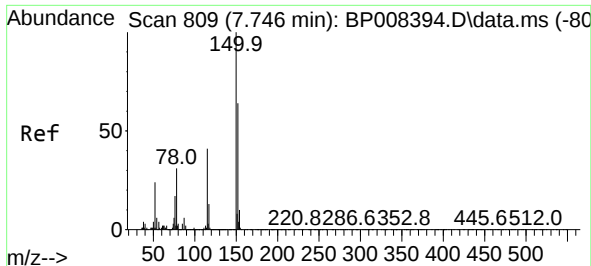
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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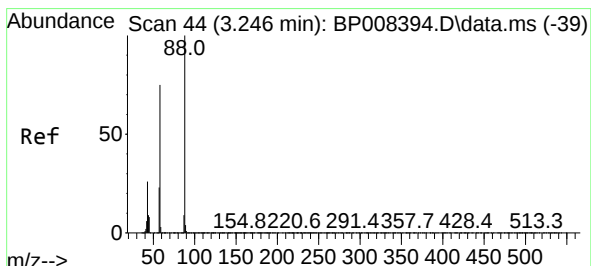
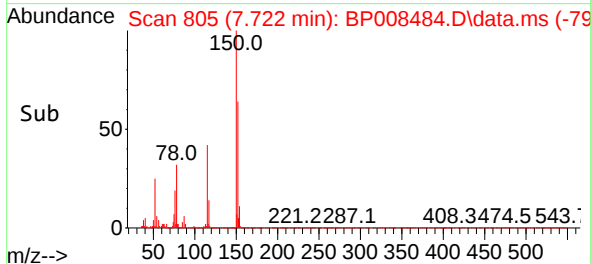
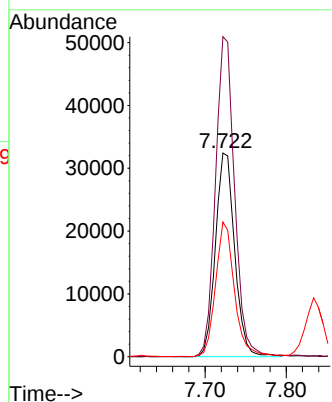
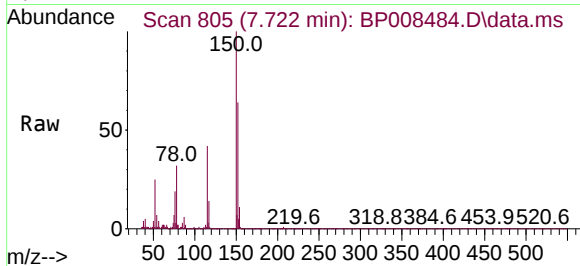




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 80
Delta R.T. -0.024 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

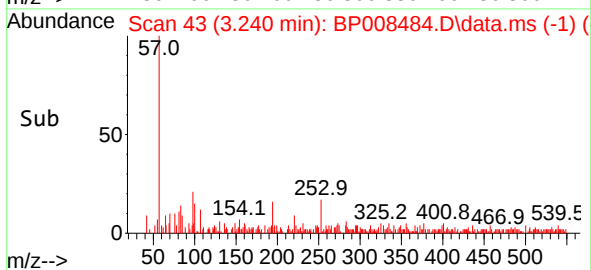
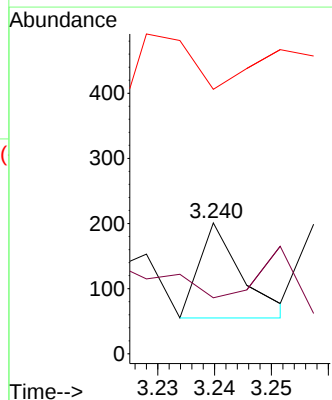
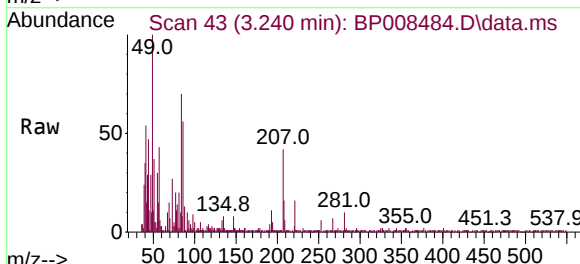
Instrument :
BNA_P
ClientSampleId :

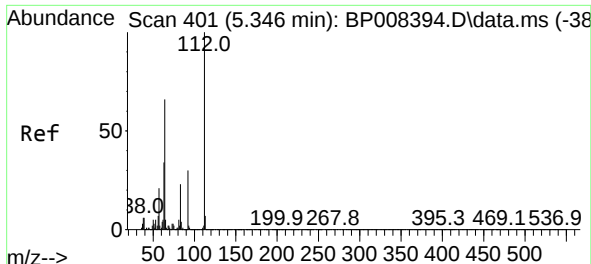
Tgt Ion:152 Resp: 53370
Ion Ratio Lower Upper
152 100
150 157.1 125.7 188.5
115 66.2 50.7 76.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.240 min Scan# 43
Delta R.T. -0.006 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

Tgt Ion: 88 Resp: 77
Ion Ratio Lower Upper
88 100
58 0.0 63.5 95.3#
43 0.0 23.4 35.2#

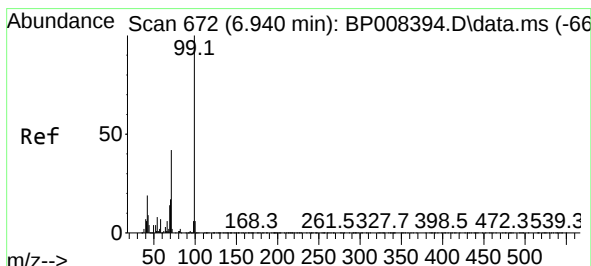
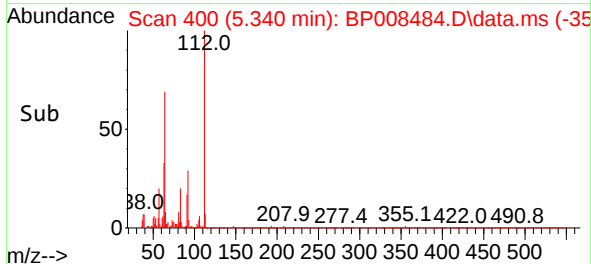
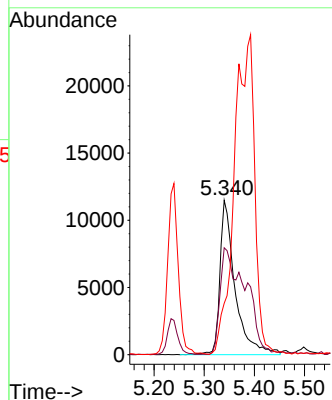
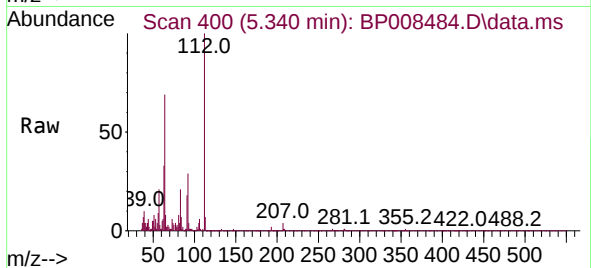




#5
2-Fluorophenol
Concen: 7.139 ng
RT: 5.340 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

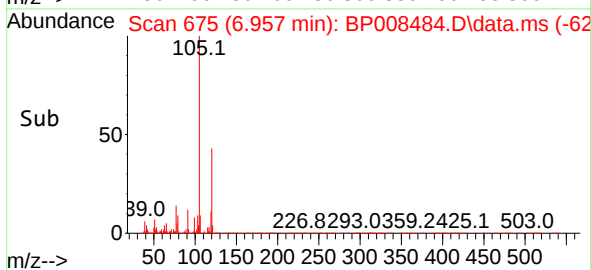
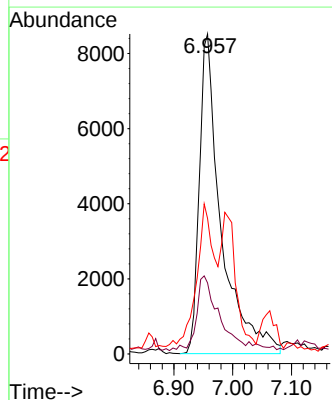
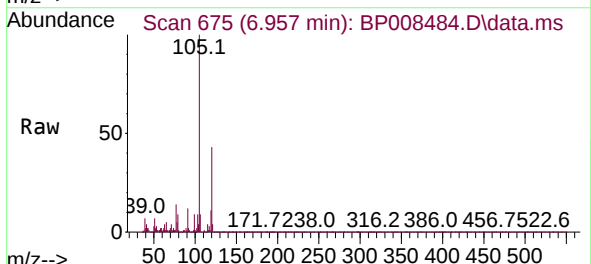
Instrument :
BNA_P
ClientSampleId :

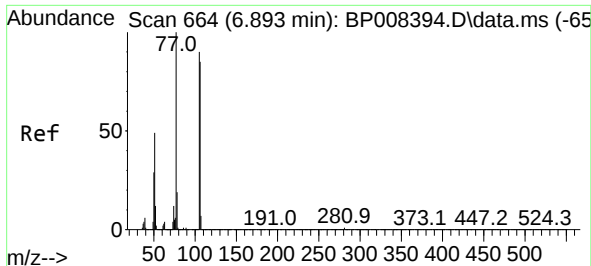
Tgt Ion:112 Resp: 24125
Ion Ratio Lower Upper
112 100
64 69.2 53.4 80.2
63 33.2 27.8 41.8



#7
Phenol-d6
Concen: 4.821 ng
RT: 6.957 min Scan# 675
Delta R.T. 0.017 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

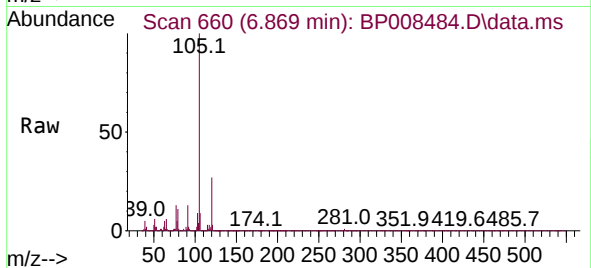
Tgt Ion: 99 Resp: 21880
Ion Ratio Lower Upper
99 100
42 22.2 14.6 22.0#
71 42.3 31.1 46.7



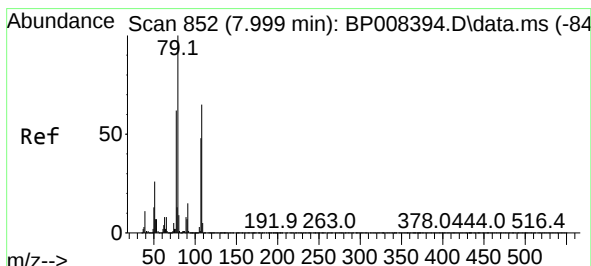
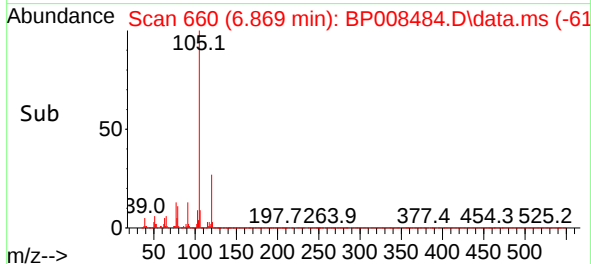
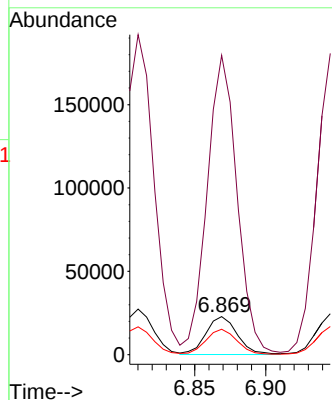


#9
Benzaldehyde
Concen: 10.179 ng
RT: 6.869 min Scan# 61
Delta R.T. -0.024 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

Instrument :
BNA_P
ClientSampleId :

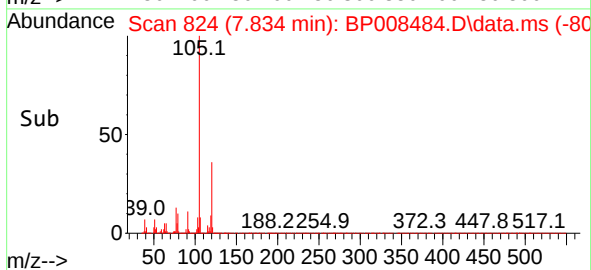
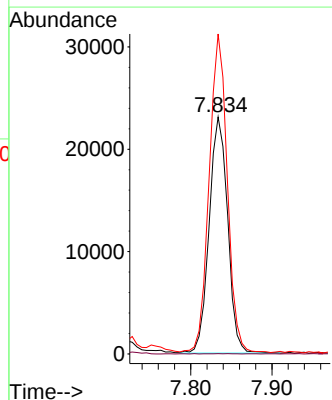
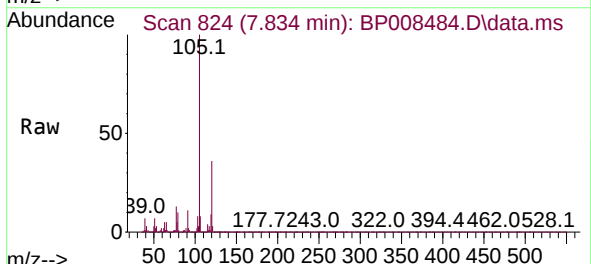


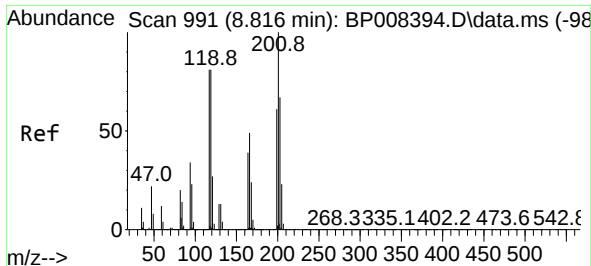
Tgt Ion: 77 Resp: 34847
Ion Ratio Lower Upper
77 100
105 787.4 71.8 111.8#
106 67.0 67.3 107.3#



#15
Benzyl Alcohol
Concen: 10.000 ng
RT: 7.834 min Scan# 824
Delta R.T. -0.165 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

Tgt Ion: 79 Resp: 36512
Ion Ratio Lower Upper
79 100
108 0.1 55.5 83.3#
77 135.1 51.0 76.6#

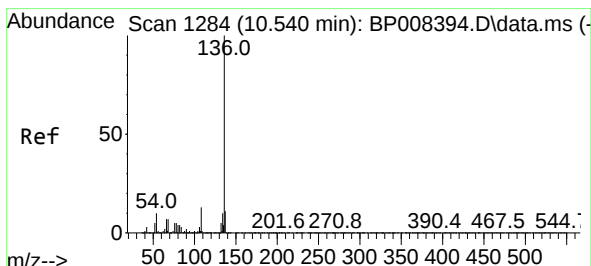
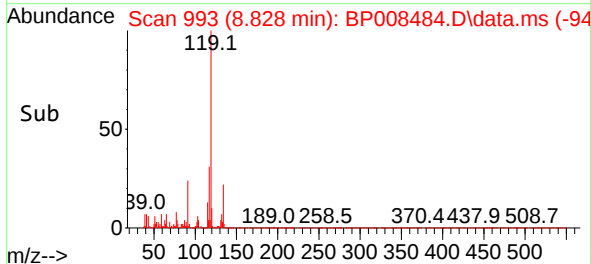
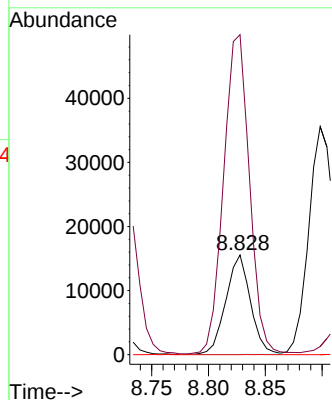
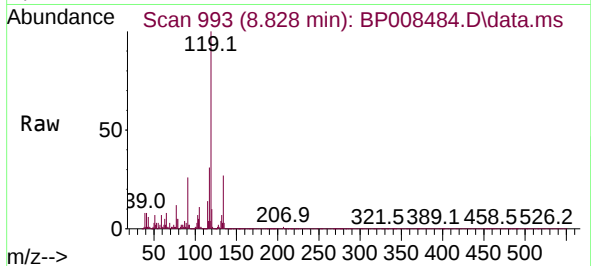




#18
Hexachloroethane
Concen: 15.546 ng
RT: 8.828 min Scan# 991
Delta R.T. 0.011 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

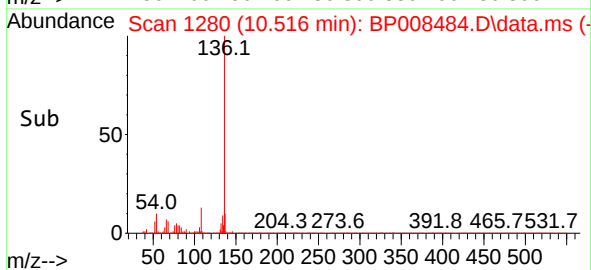
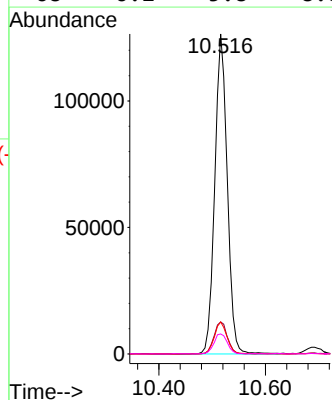
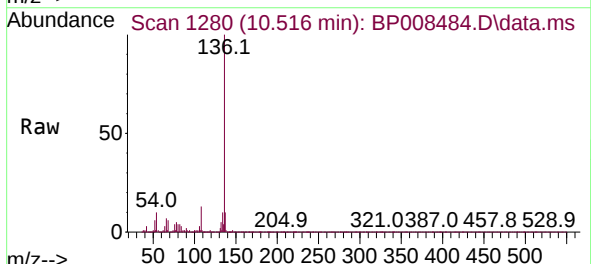
Instrument :
BNA_P
ClientSampleId :

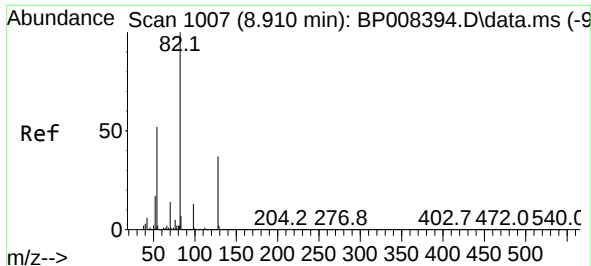
Tgt Ion:117 Resp: 23379
Ion Ratio Lower Upper
117 100
119 321.1 74.7 112.1#
201 0.0 88.6 132.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.024 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

Tgt Ion:136 Resp: 205411
Ion Ratio Lower Upper
136 100
137 10.0 9.0 13.6
54 10.0 8.2 12.4
68 6.2 5.8 8.8

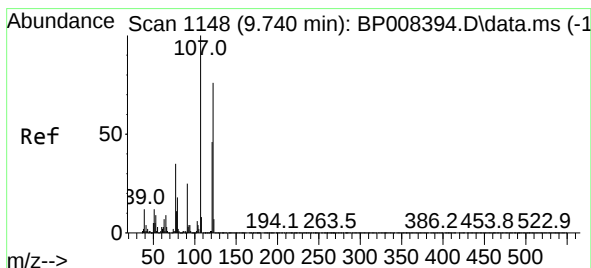
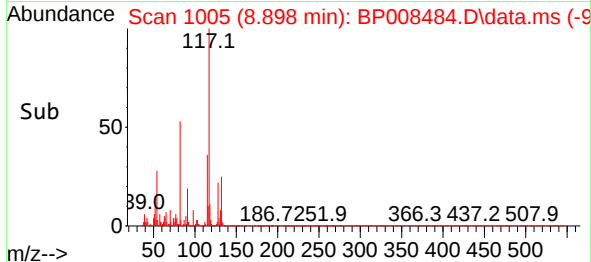
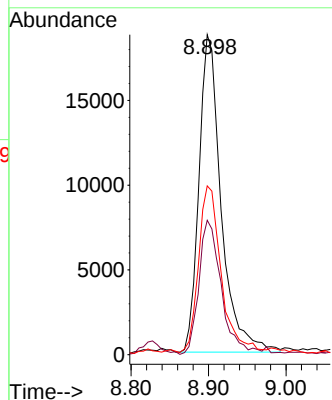
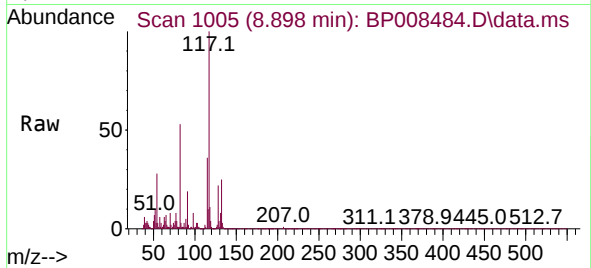




#23
Nitrobenzene-d5
Concen: 7.686 ng
RT: 8.898 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

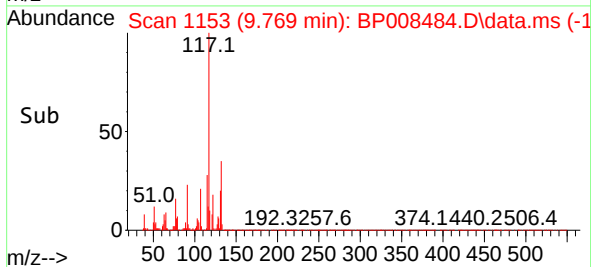
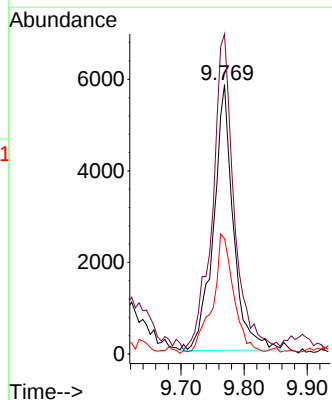
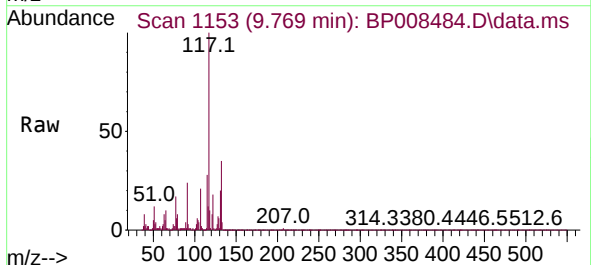
Instrument :
BNA_P
ClientSampleId :

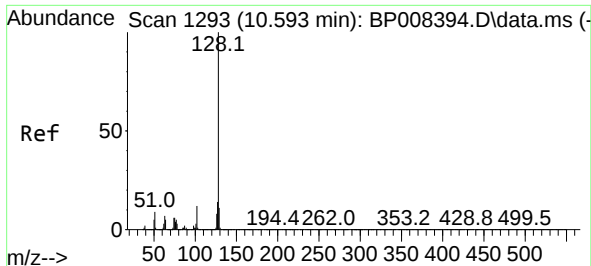
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.0	29.6	44.4
54	52.8	42.7	64.1



#27
2,4-Dimethylphenol
Concen: 4.405 ng
RT: 9.769 min Scan# 1153
Delta R.T. 0.029 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

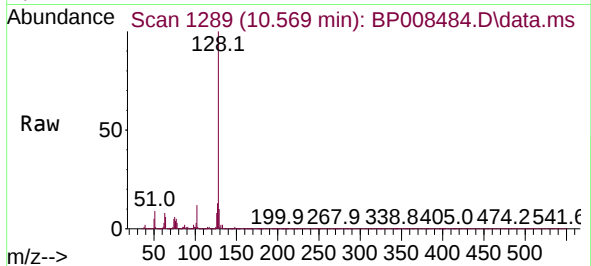
Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.8	106.6	160.0
121	42.9	48.1	72.1



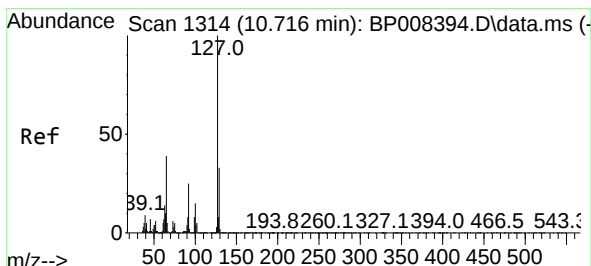
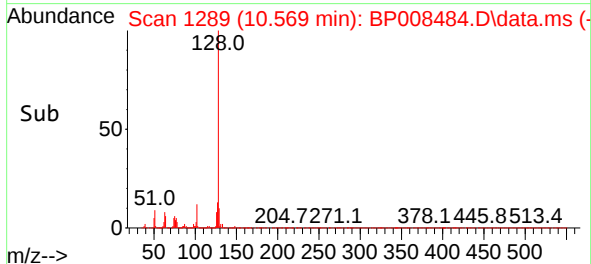
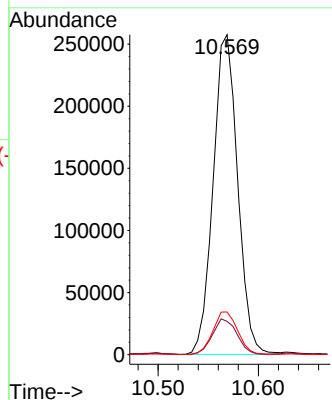


#31
Naphthalene
Concen: 40.585 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.024 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

Instrument :
BNA_P
ClientSampleId :

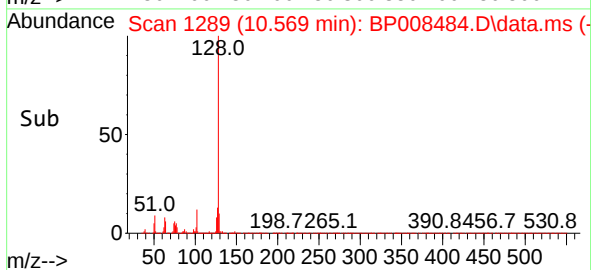
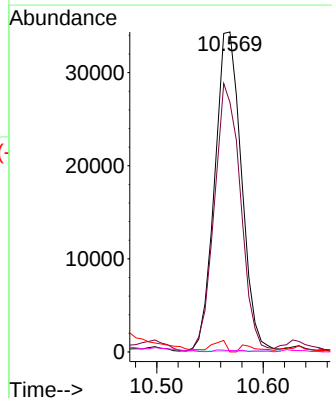
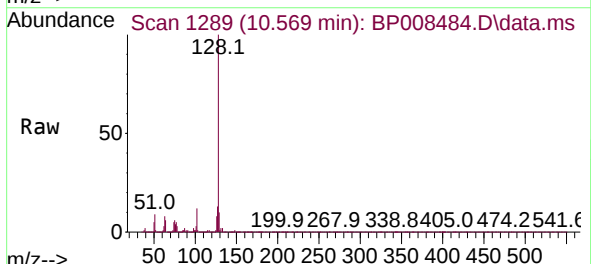


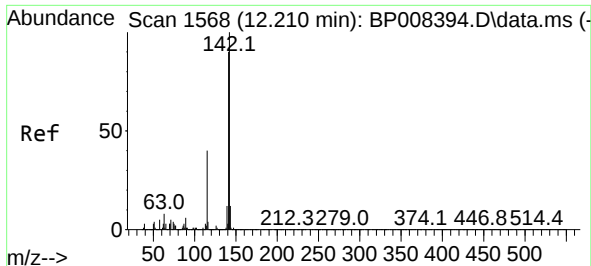
Tgt Ion:128 Resp: 437175
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 13.3 10.9 16.3



#33
4-Chloroaniline
Concen: 13.837 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.147 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

Tgt Ion:127 Resp: 59708
Ion Ratio Lower Upper
127 100
129 78.0 25.4 38.2#
65 0.0 29.5 44.3#
92 0.5 18.2 27.4#

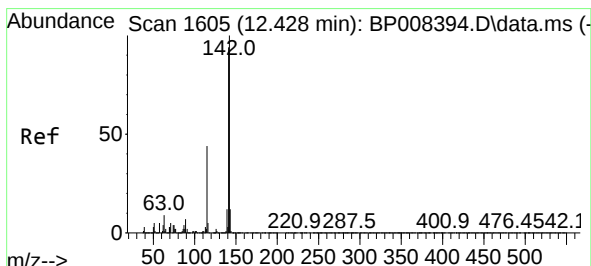
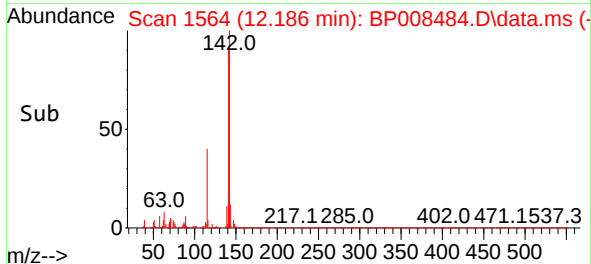
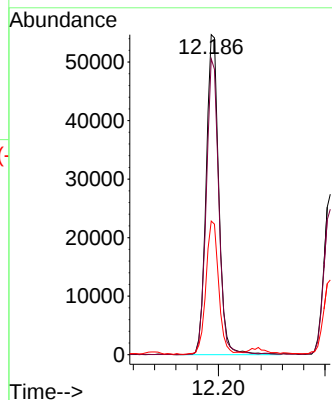
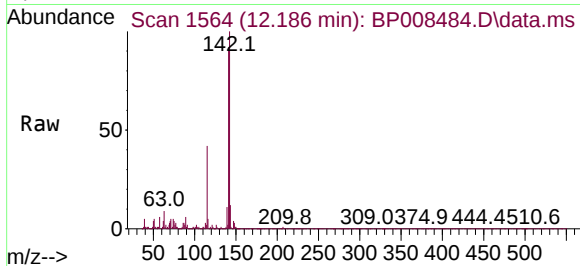




#37
2-Methylnaphthalene
Concen: 12.111 ng
RT: 12.186 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

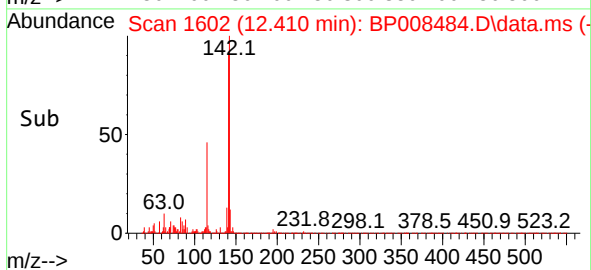
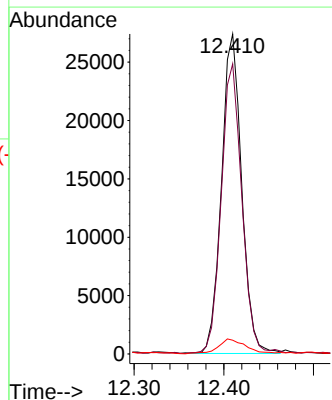
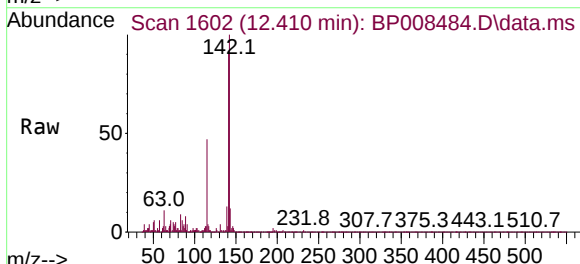
Instrument :
BNA_P
ClientSampleId :

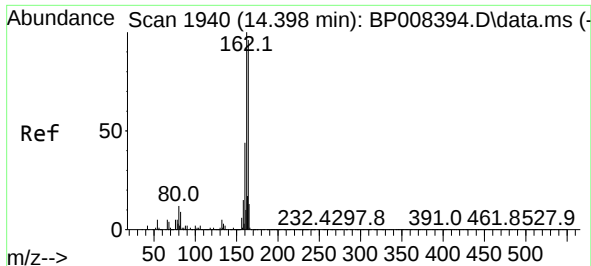
Tgt Ion:142 Resp: 89917
Ion Ratio Lower Upper
142 100
141 92.5 70.7 106.1
115 41.7 30.9 46.3



#38
1-Methylnaphthalene
Concen: 5.920 ng
RT: 12.410 min Scan# 1602
Delta R.T. -0.018 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

Tgt Ion:142 Resp: 42787
Ion Ratio Lower Upper
142 100
141 90.6 74.2 111.4
116 4.3 3.4 5.2

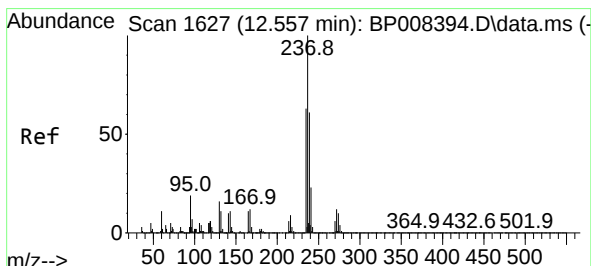
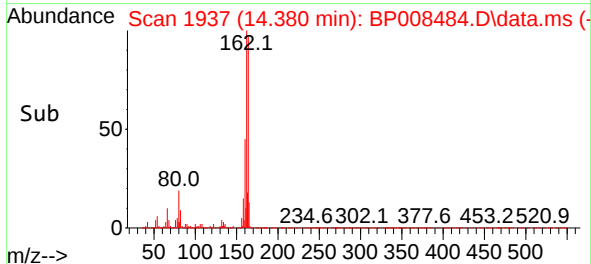
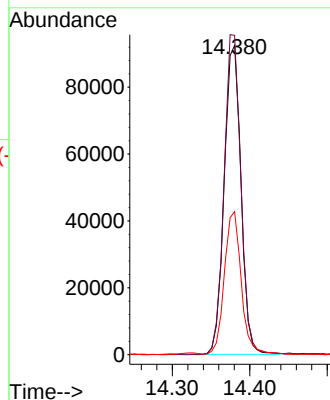
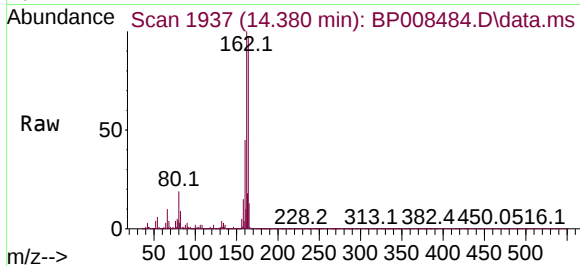




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.380 min Scan# 1940
Delta R.T. -0.018 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

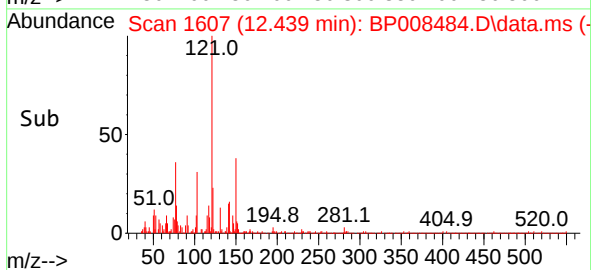
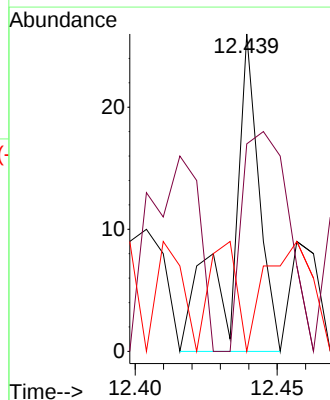
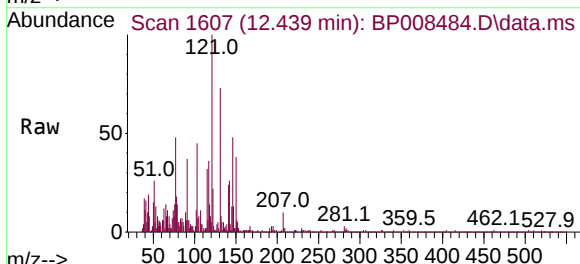
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ClientSampleId :

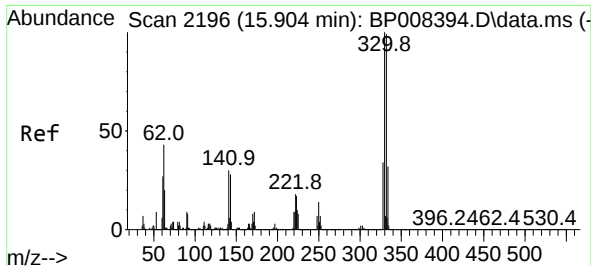
Tgt Ion:164 Resp: 139309
Ion Ratio Lower Upper
164 100
162 103.3 81.9 122.9
160 46.2 35.4 53.0



#41
Hexachlorocyclopentadiene
Concen: 8.663 ng
RT: 12.439 min Scan# 1607
Delta R.T. -0.118 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

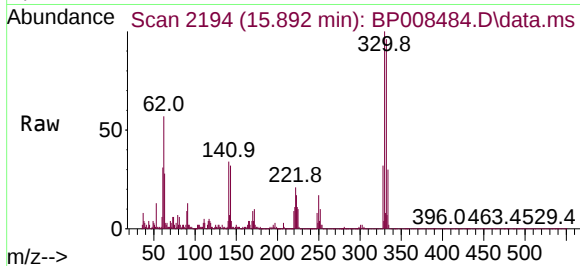
Tgt Ion:237 Resp: 18
Ion Ratio Lower Upper
237 100
235 65.4 42.3 82.3
272 0.0 0.0 32.2



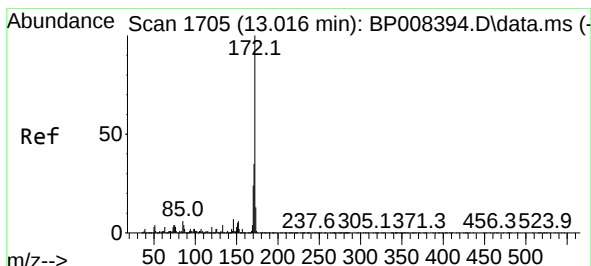
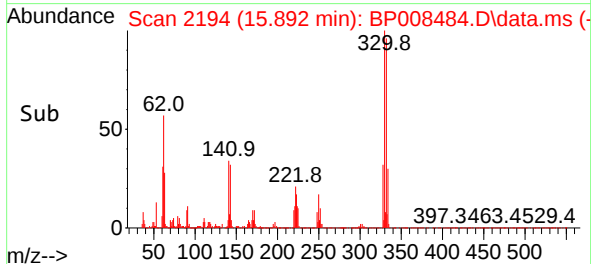
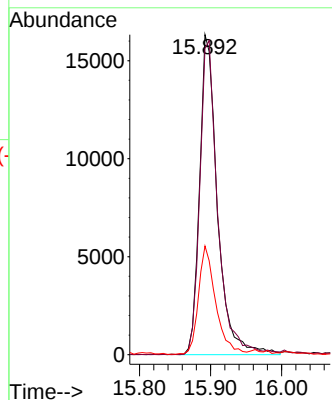


#42
2,4,6-Tribromophenol
Concen: 14.000 ng
RT: 15.892 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

Instrument :
BNA_P
ClientSampleId :

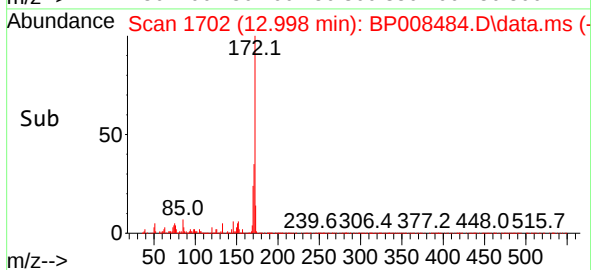
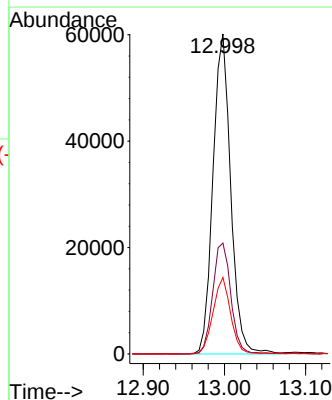
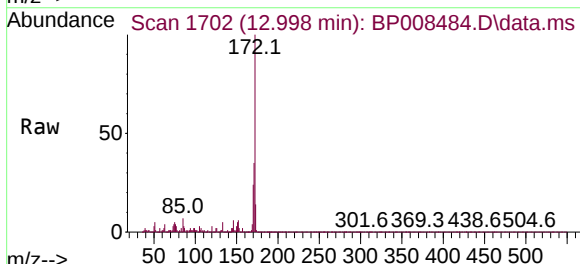


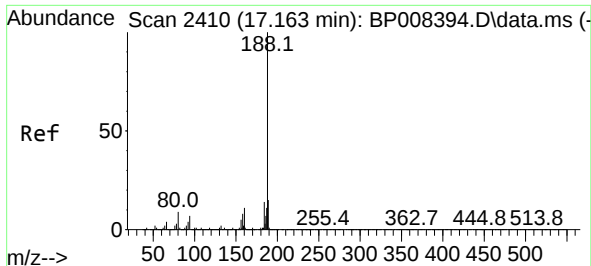
Tgt Ion: 330 Resp: 28661
Ion Ratio Lower Upper
330 100
332 98.6 77.0 115.4
141 32.4 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 8.325 ng
RT: 12.998 min Scan# 1702
Delta R.T. -0.018 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

Tgt Ion: 172 Resp: 91232
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 23.9 18.9 28.3

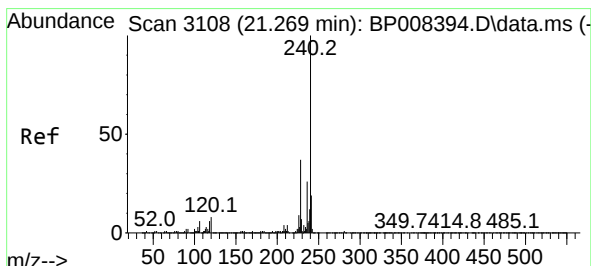
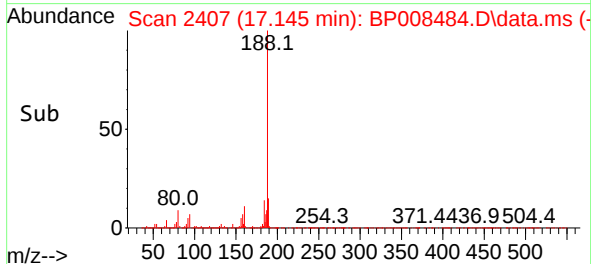
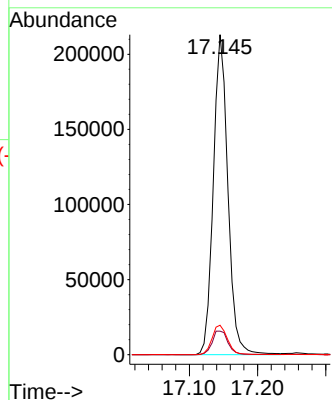
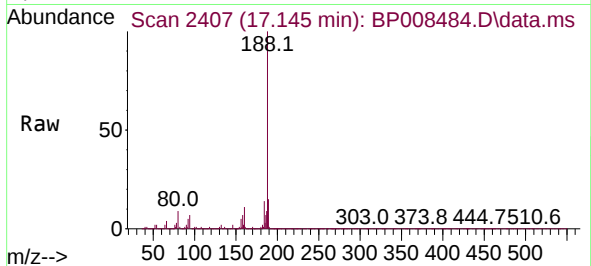




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2410
Delta R.T. -0.018 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

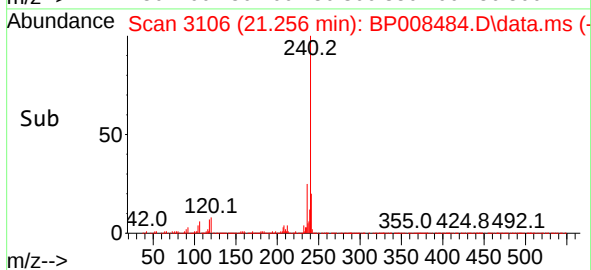
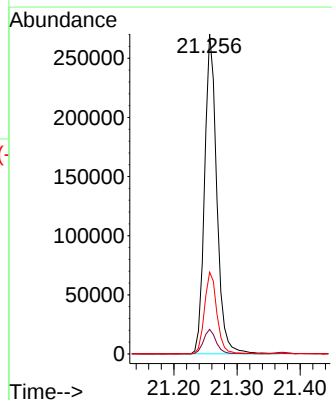
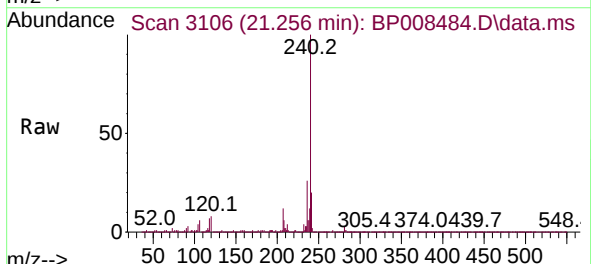
Instrument :
BNA_P
ClientSampleId :

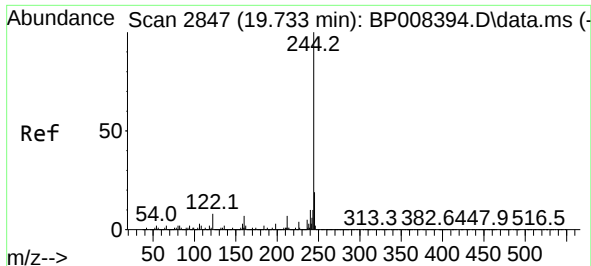
Tgt Ion:188 Resp: 316815
Ion Ratio Lower Upper
188 100
94 7.4 7.2 10.8
80 9.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.256 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BP008484.D
Acq: 17 Dec 2021 22:25

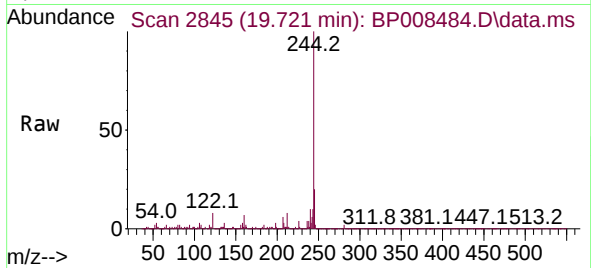
Tgt Ion:240 Resp: 363831
Ion Ratio Lower Upper
240 100
120 7.7 7.3 10.9
236 25.5 21.4 32.2



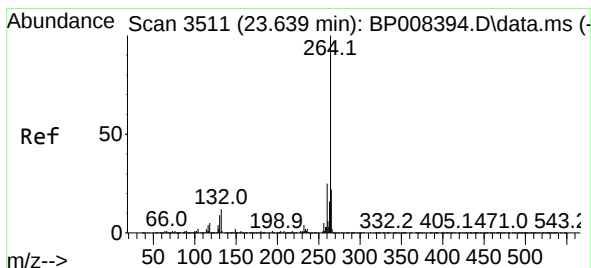
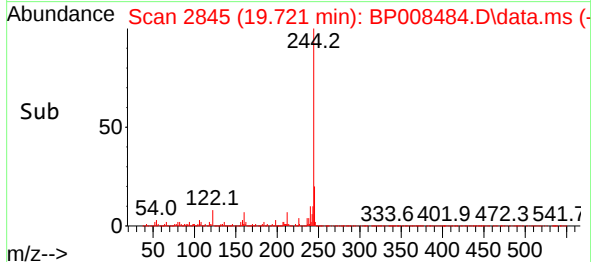
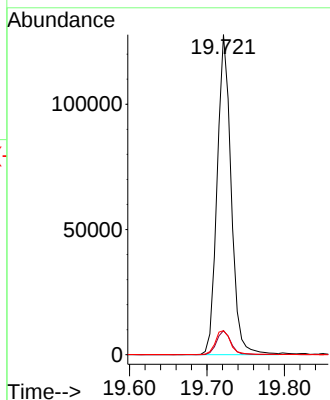


#79
 Terphenyl-d14
 Concen: 7.673 ng
 RT: 19.721 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008484.D
 Acq: 17 Dec 2021 22:25

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:244 Resp: 160395
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 7.5 6.6 9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.627 min Scan# 3509
 Delta R.T. -0.012 min
 Lab File: BP008484.D
 Acq: 17 Dec 2021 22:25

Tgt Ion:264 Resp: 389796
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 21.2 17.6 26.4

