

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
 Data File : BP005650.D
 Acq On : 28 May 2021 21:26
 Operator : CG/JU
 Sample : M2556-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-5B

Quant Time: May 28 22:55:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 16:11:11 2021
 Response via : Initial Calibration

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

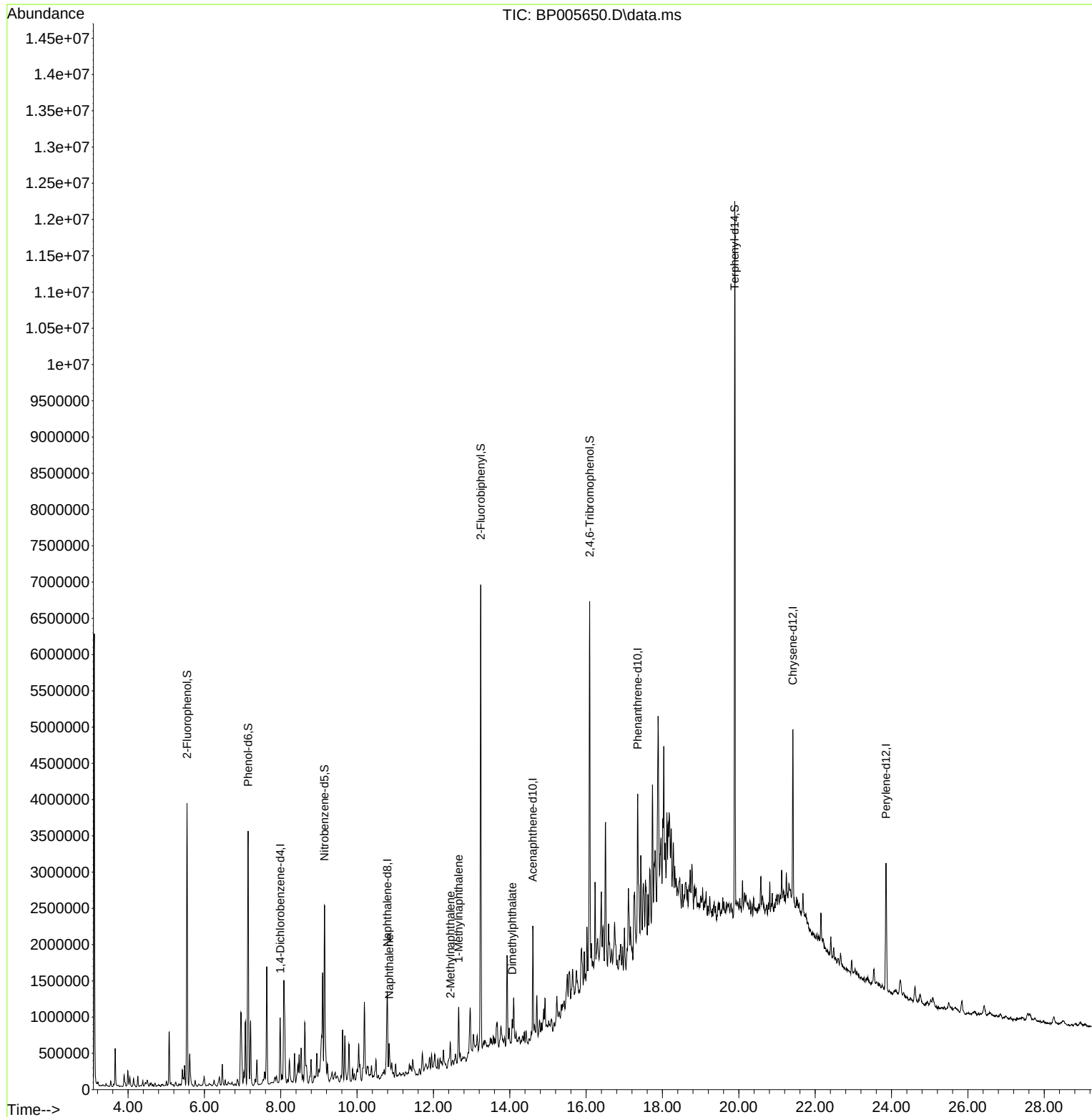
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	208721	20.00	ng	0.00
21) Naphthalene-d8	10.793	136	837576	20.00	ng	# 0.00
39) Acenaphthene-d10	14.604	164	527125	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	1073592	20.00	ng	# 0.00
76) Chrysene-d12	21.416	240	1148500	20.00	ng	# 0.00
86) Perylene-d12	23.857	264	1337711	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1590464	118.47	ng	0.00
7) Phenol-d6	7.146	99	1726374	94.33	ng	0.00
23) Nitrobenzene-d5	9.146	82	1411715	93.74	ng	0.00
42) 2,4,6-Tribromophenol	16.093	330	980642	145.08	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	3218480	80.80	ng	0.00
79) Terphenyl-d14	19.892	244	4715821	77.05	ng	0.00
Target Compounds						
31) Naphthalene	10.840	128	184766	3.70	ng	# 94
37) 2-Methylnaphthalene	12.446	142	119349	3.38	ng	# 88
38) 1-Methylnaphthalene	12.663	142	273659	8.16	ng	94
50) Dimethylphthalate	14.063	163	228742	5.46	ng	98

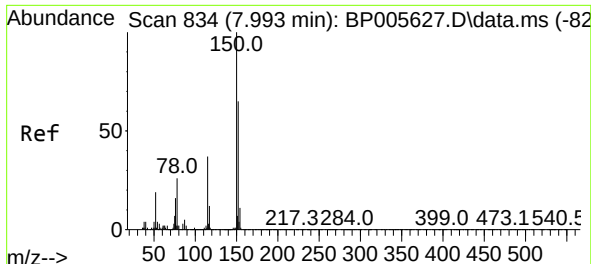
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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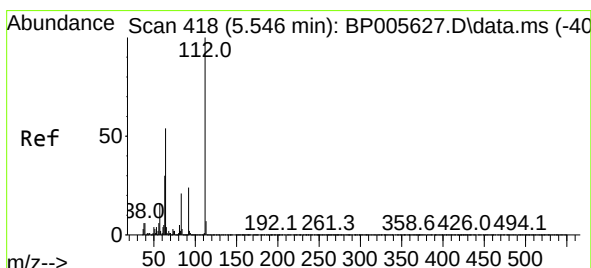
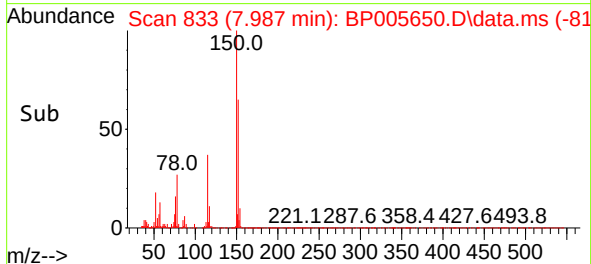
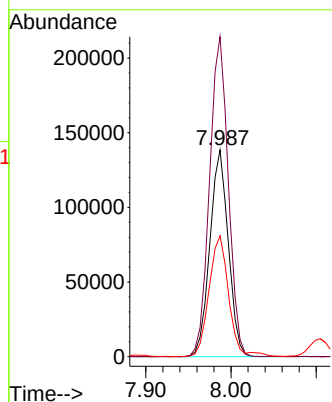
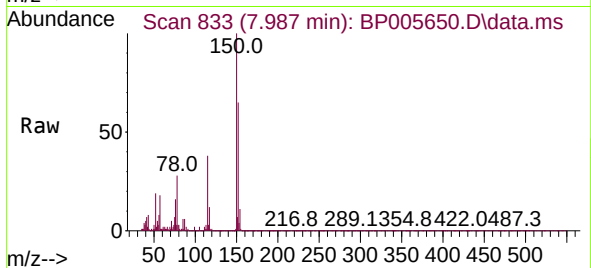




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

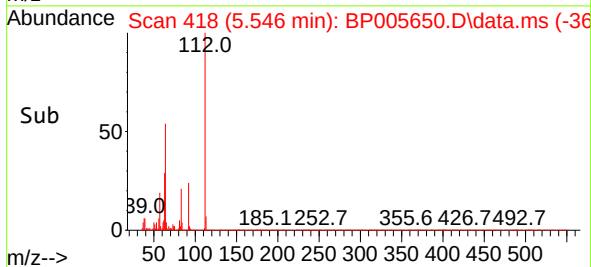
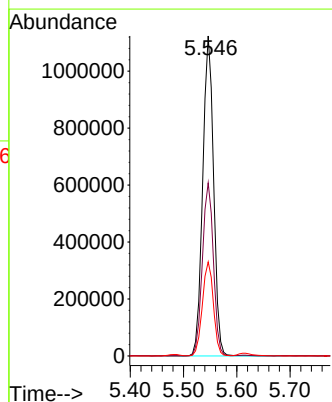
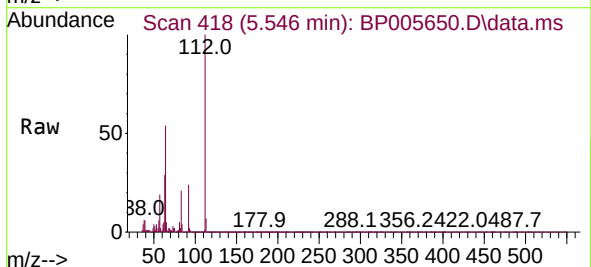
Instrument :
BNA_P
ClientSampleId :
MW-5B

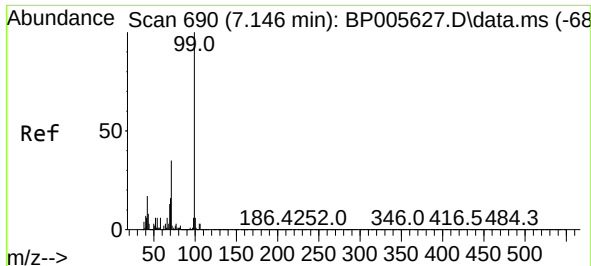
Tgt Ion:152 Resp: 208721
Ion Ratio Lower Upper
152 100
150 154.8 119.8 179.8
115 58.5 49.0 73.4



#5
2-Fluorophenol
Concen: 118.47 ng
RT: 5.546 min Scan# 418
Delta R.T. 0.000 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Tgt Ion:112 Resp: 1590464
Ion Ratio Lower Upper
112 100
64 54.1 33.6 50.4#
63 29.4 18.6 27.8#

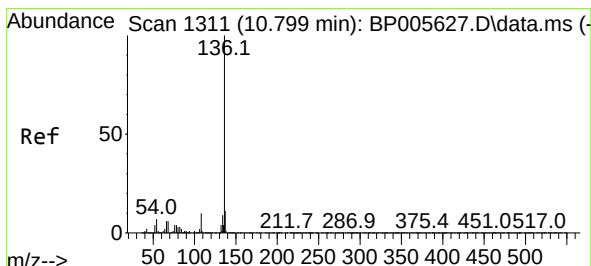
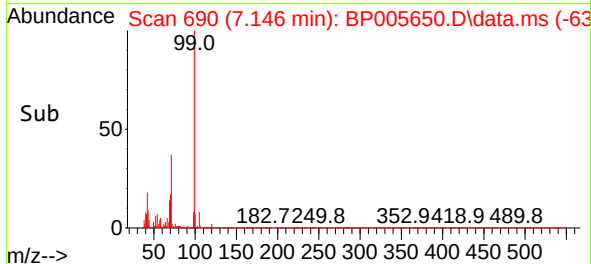
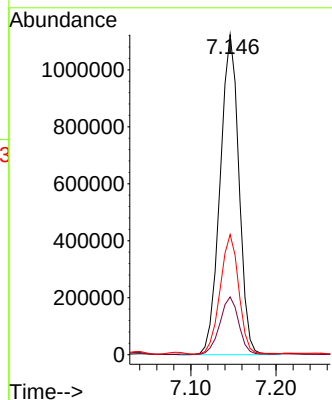
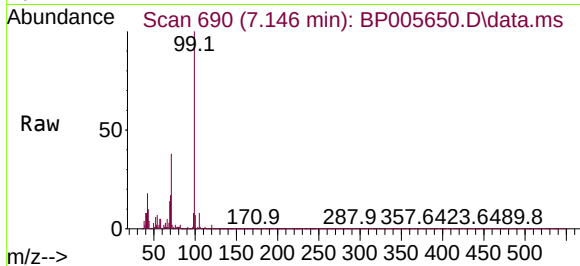




#7
Phenol-d6
Concen: 94.33 ng
RT: 7.146 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

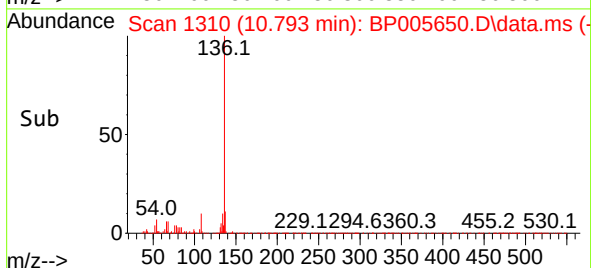
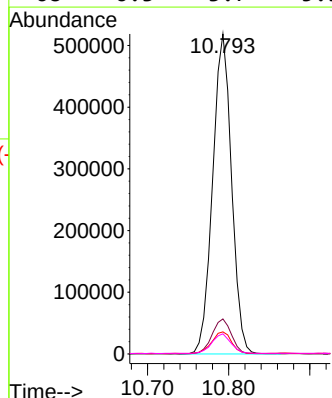
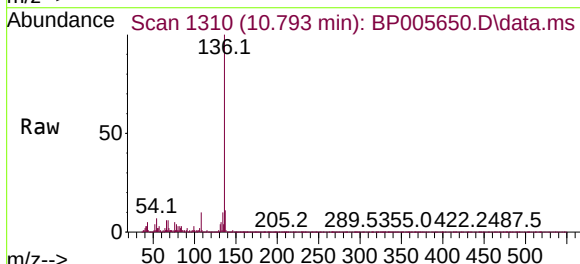
Instrument :
BNA_P
ClientSampleId :
MW-5B

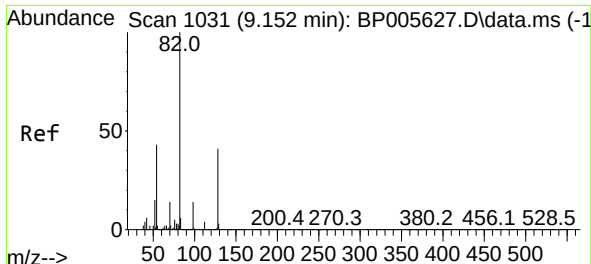
Tgt Ion: 99 Resp: 1726374
Ion Ratio Lower Upper
99 100
42 18.0 12.9 19.3
71 37.6 26.7 40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Tgt Ion:136 Resp: 837576
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.9 5.0 7.4
68 6.3 3.7 5.5#

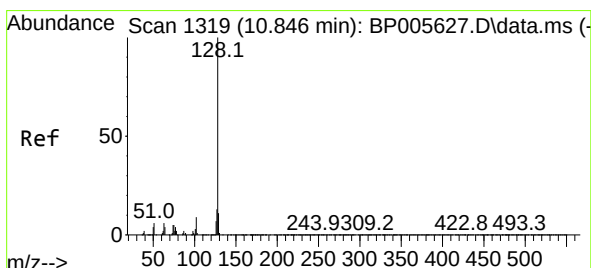
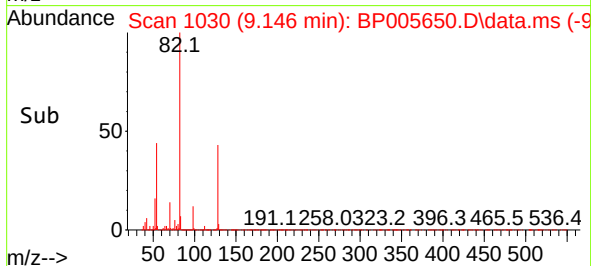
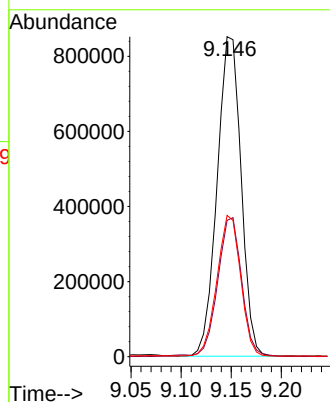
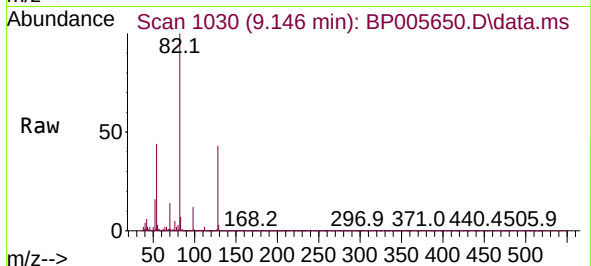




#23
Nitrobenzene-d5
Concen: 93.74 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

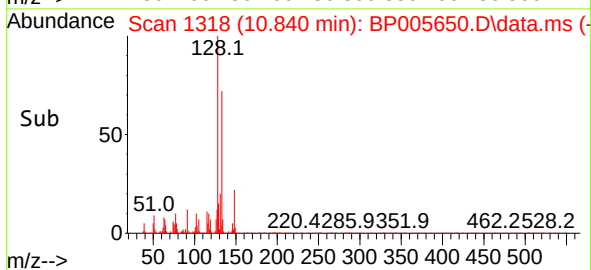
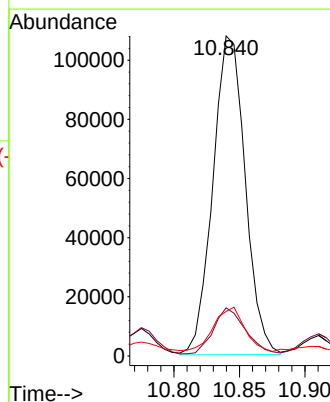
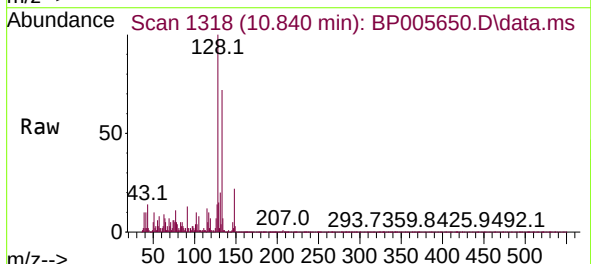
Instrument :
BNA_P
ClientSampleId :
MW-5B

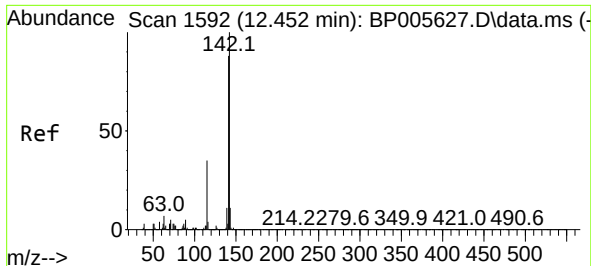
Tgt Ion: 82 Resp: 1411715
Ion Ratio Lower Upper
82 100
128 42.6 30.5 45.7
54 44.1 33.9 50.9



#31
Naphthalene
Concen: 3.70 ng
RT: 10.840 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Tgt Ion: 128 Resp: 184766
Ion Ratio Lower Upper
128 100
129 15.0 8.0 12.0#
127 13.9 11.1 16.7

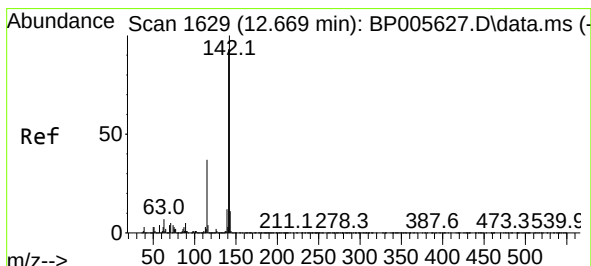
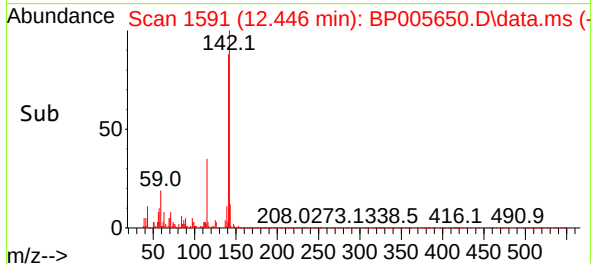
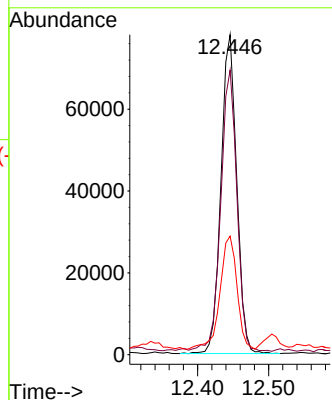
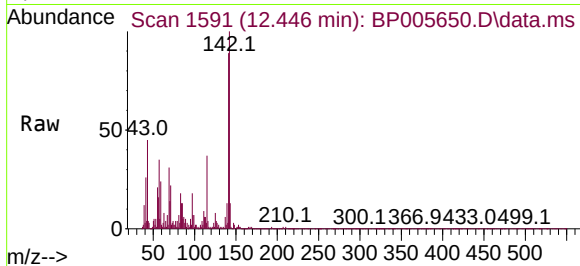




#37
2-Methylnaphthalene
Concen: 3.38 ng
RT: 12.446 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

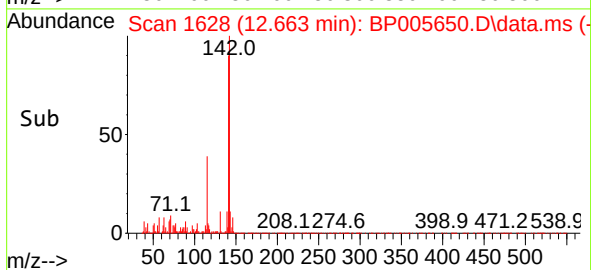
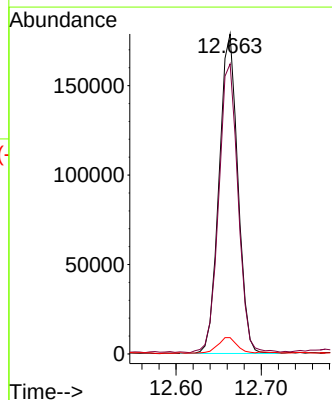
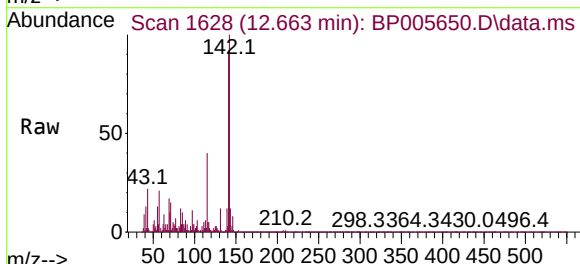
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ClientSampleId :
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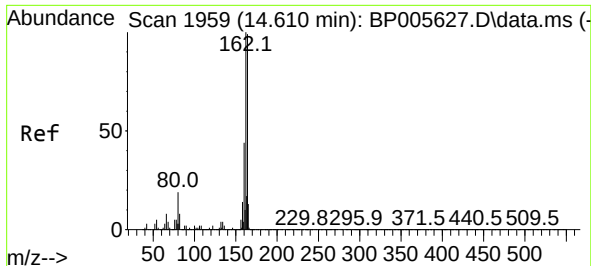
Tgt Ion:142 Resp: 119349
Ion Ratio Lower Upper
142 100
141 88.9 74.7 112.1
115 37.1 43.8 65.8#



#38
1-Methylnaphthalene
Concen: 8.16 ng
RT: 12.663 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Tgt Ion:142 Resp: 273659
Ion Ratio Lower Upper
142 100
141 90.7 77.0 115.6
116 5.1 5.0 7.6

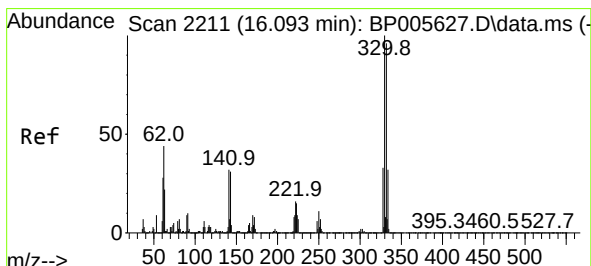
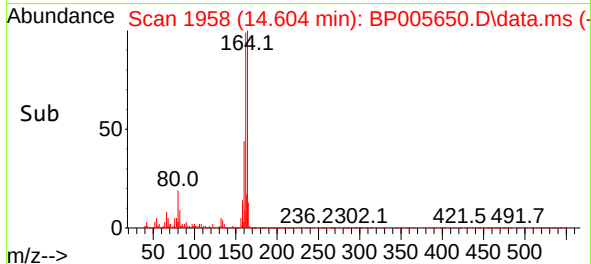
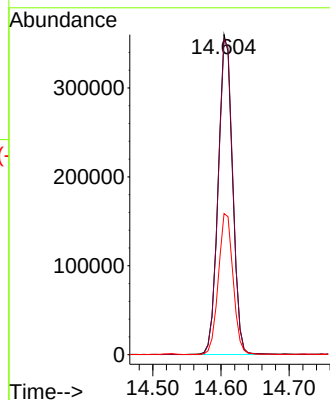
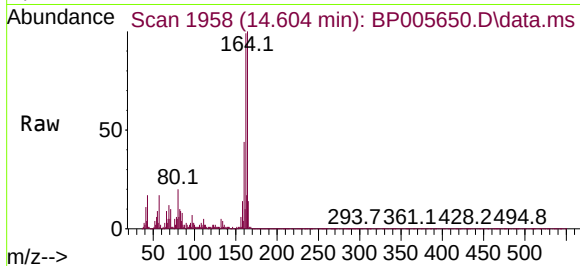




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

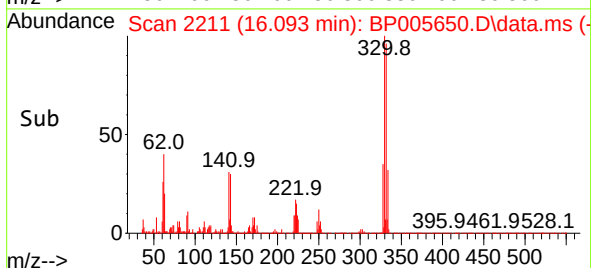
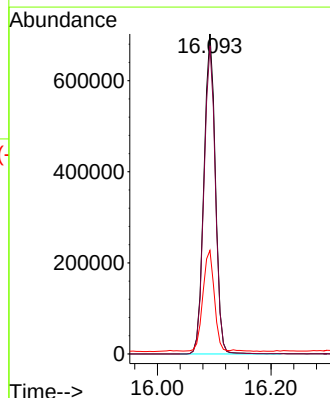
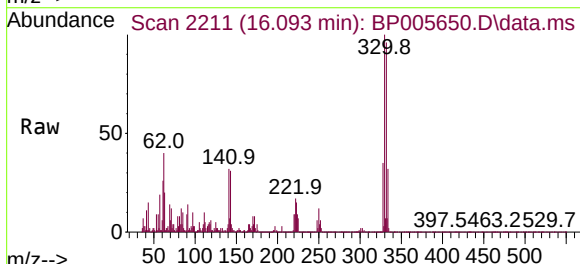
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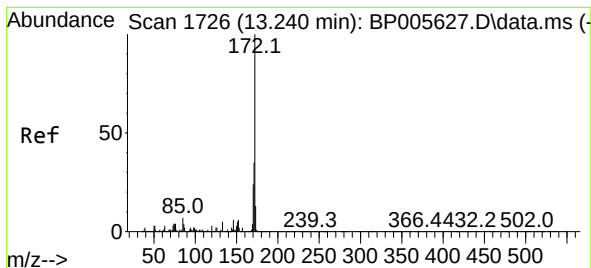
Tgt Ion:164 Resp: 527125
Ion Ratio Lower Upper
164 100
162 98.5 73.5 110.3
160 44.1 40.6 61.0



#42
2,4,6-Tribromophenol
Concen: 145.08 ng
RT: 16.093 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Tgt Ion:330 Resp: 980642
Ion Ratio Lower Upper
330 100
332 96.0 76.3 114.5
141 31.3 22.8 34.2

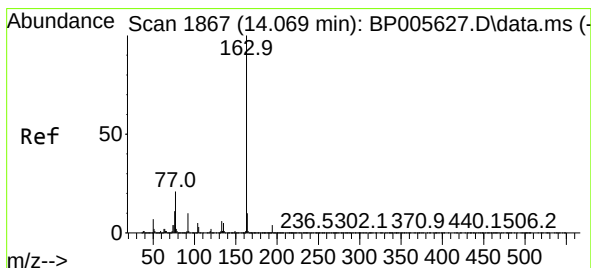
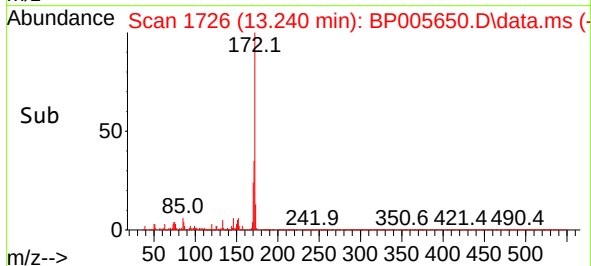
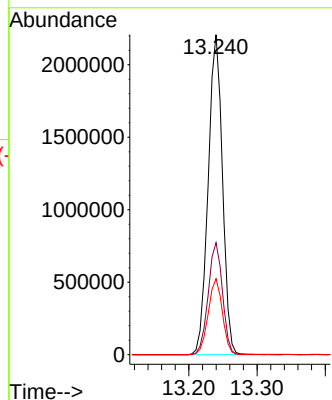
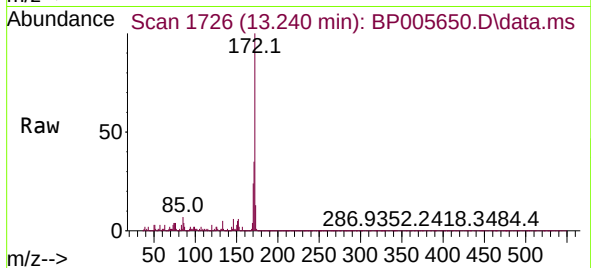




#45
2-Fluorobiphenyl
Concen: 80.80 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

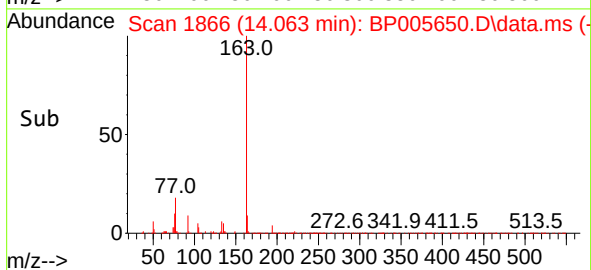
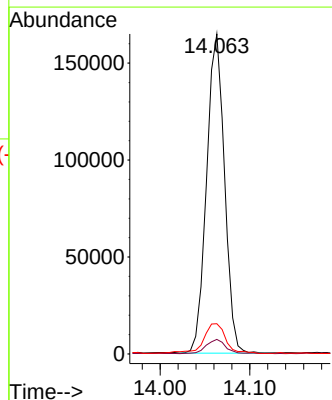
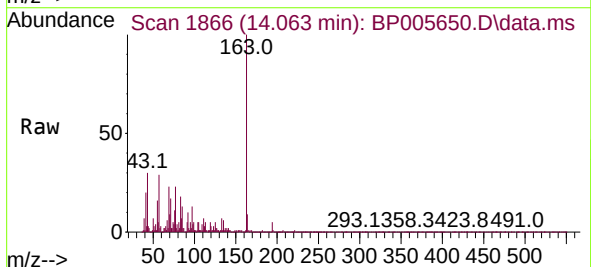
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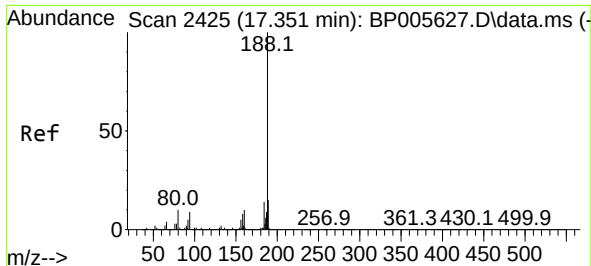
Tgt Ion:172 Resp: 3218480
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.7 19.6 29.4



#50
Dimethylphthalate
Concen: 5.46 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Tgt Ion:163 Resp: 228742
Ion Ratio Lower Upper
163 100
194 4.5 3.9 5.9
164 9.5 8.1 12.1

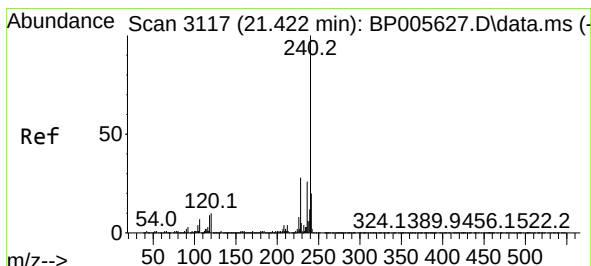
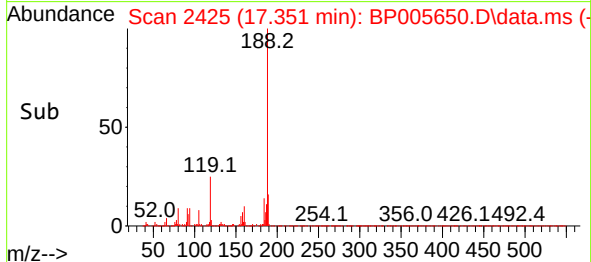
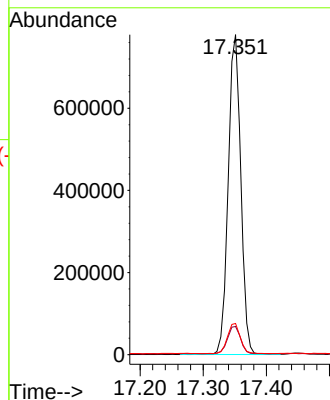
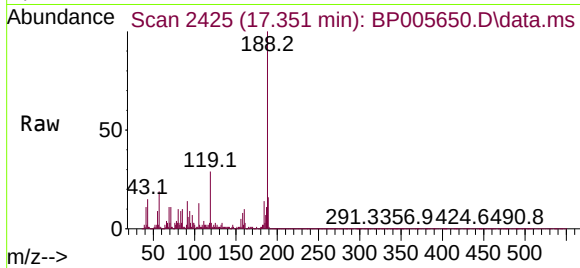




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

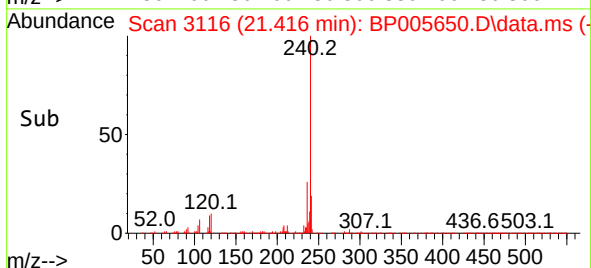
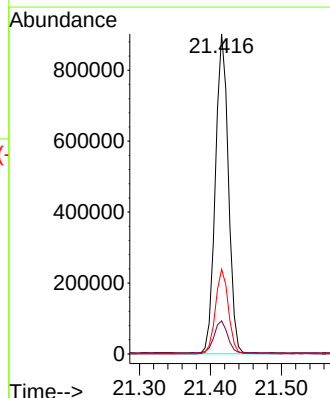
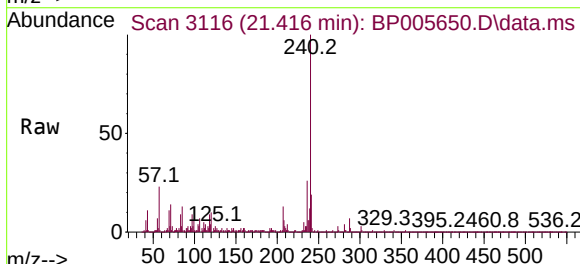
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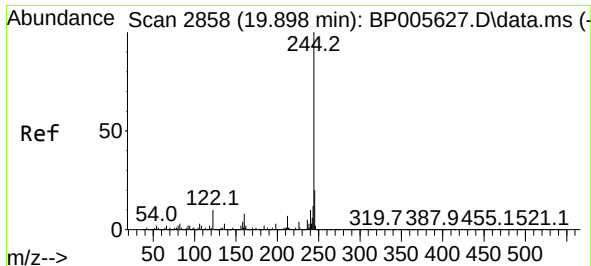
Tgt Ion:188 Resp: 1073592
Ion Ratio Lower Upper
188 100
94 8.8 5.0 7.6#
80 9.7 5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Tgt Ion:240 Resp: 1148500
Ion Ratio Lower Upper
240 100
120 10.4 4.2 6.2#
236 26.5 20.2 30.2

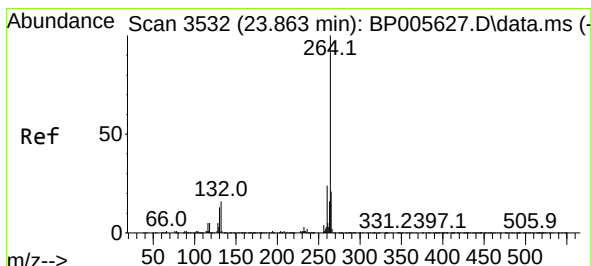
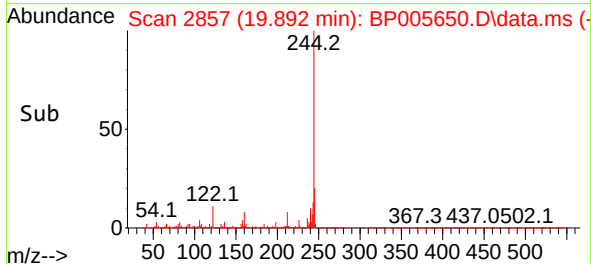
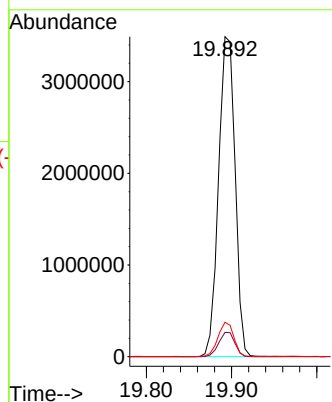
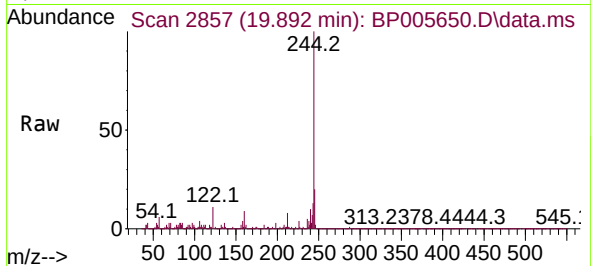




#79
Terphenyl-d14
Concen: 77.05 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Instrument :
BNA_P
ClientSampleId :
MW-5B

Tgt Ion:244 Resp: 4715821
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 10.7 5.2 7.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.857 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Tgt Ion:264 Resp: 1337711
Ion Ratio Lower Upper
264 100
260 23.4 20.6 30.8
265 21.4 19.0 28.6

