

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
 Data File : BP005728.D
 Acq On : 05 Jun 2021 00:31
 Operator : CG/JU
 Sample : M2589-11 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B10(0-2)

Quant Time: Jun 05 03:27:07 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)

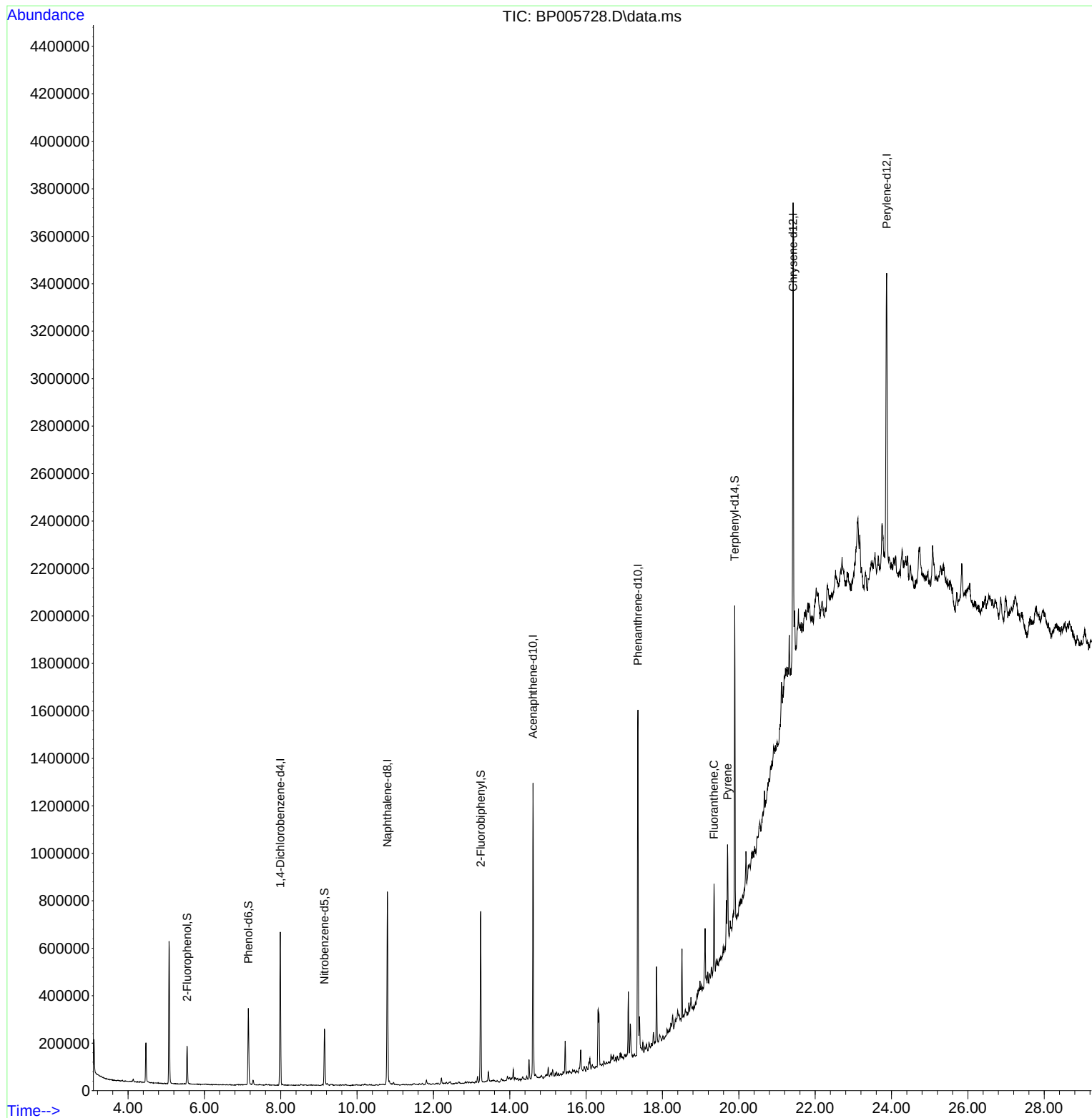
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	172283	20.000	ng	0.00
21) Naphthalene-d8	10.793	136	680164	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	423999	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	875870	20.000	ng	# 0.00
76) Chrysene-d12	21.421	240	893972	20.000	ng	# 0.00
86) Perylene-d12	23.874	264	1018491	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	75780	6.839	ng	0.00
7) Phenol-d6	7.152	99	183605	12.154	ng	0.00
23) Nitrobenzene-d5	9.146	82	143005	11.693	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	9604	1.766	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	373817	11.668	ng	0.00
79) Terphenyl-d14	19.892	244	571847	12.003	ng	0.00
Target Compounds						
75) Fluoranthene	19.351	202	221553	3.382	ng	97
78) Pyrene	19.704	202	238004	3.773	ng	98

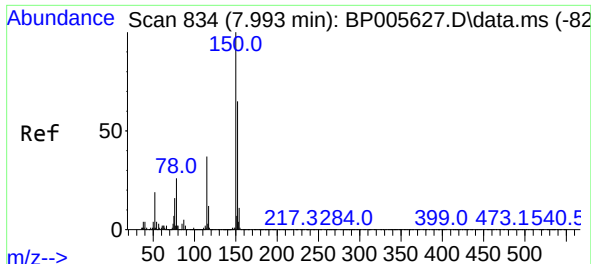
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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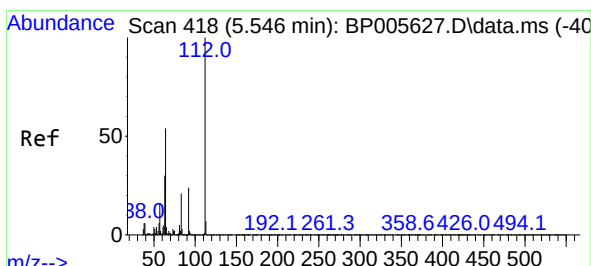
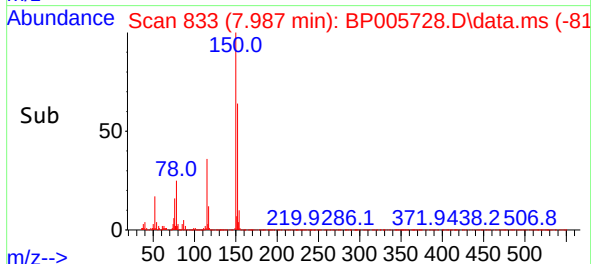
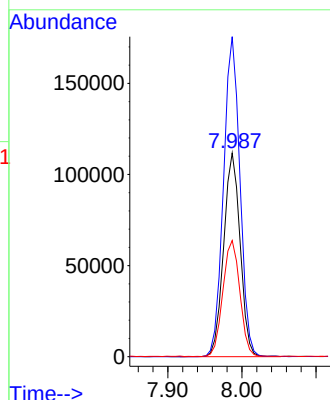
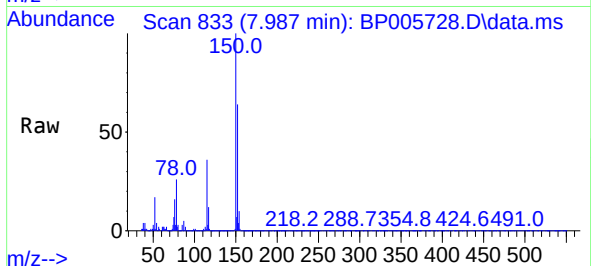




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

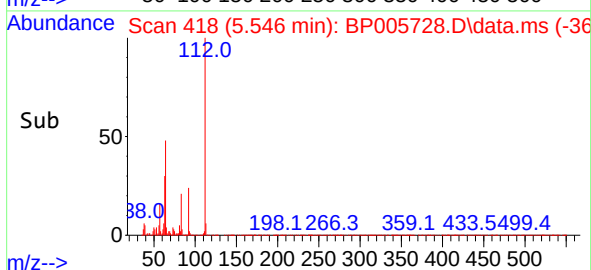
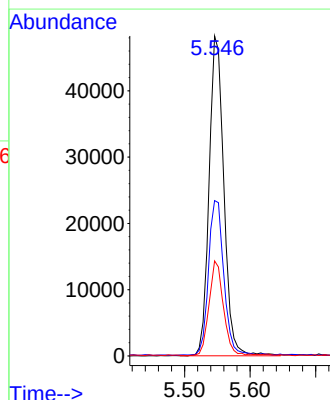
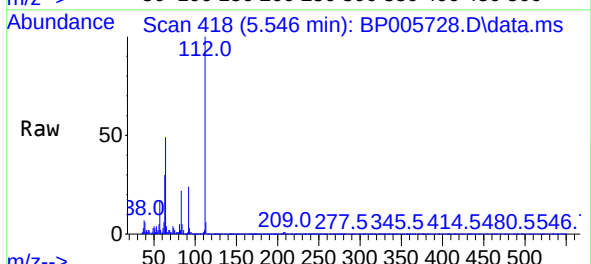
Instrument :
BNA_P
ClientSampleId :
18-B10(0-2)

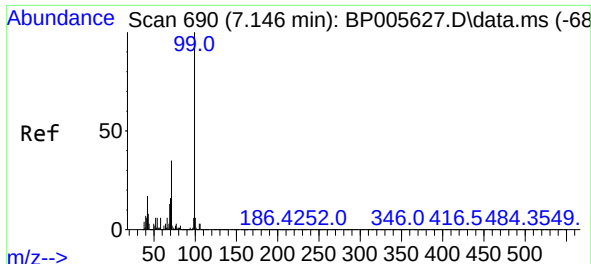
Tgt Ion:152 Resp: 172283
Ion Ratio Lower Upper
152 100
150 157.1 119.8 179.8
115 57.0 49.0 73.4



#5
2-Fluorophenol
Concen: 6.839 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

Tgt Ion:112 Resp: 75780
Ion Ratio Lower Upper
112 100
64 48.5 33.6 50.4
63 29.7 18.6 27.8#

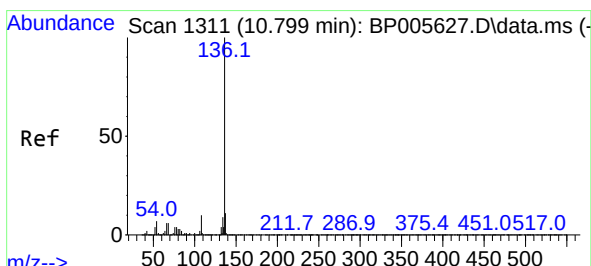
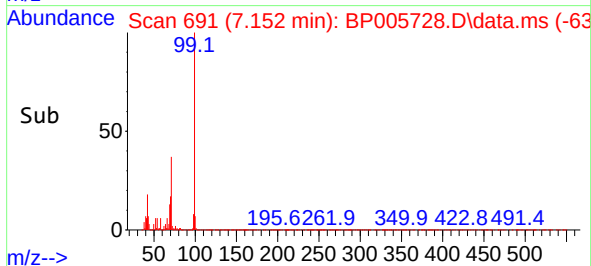
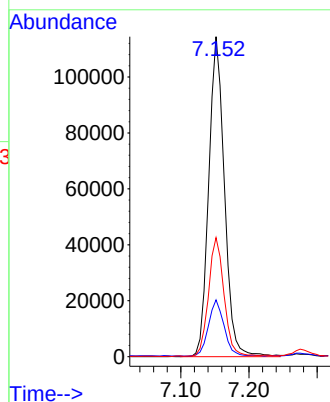
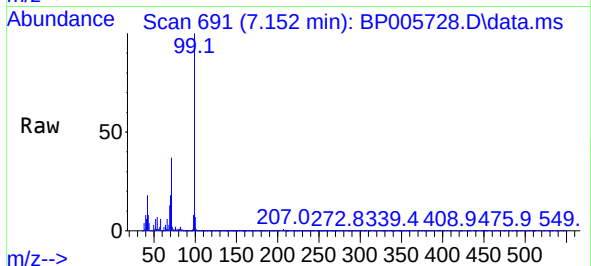




#7
Phenol-d6
Concen: 12.154 ng
RT: 7.152 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

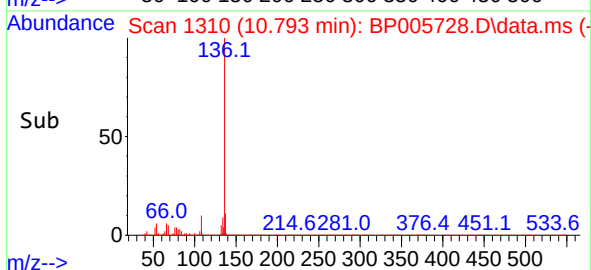
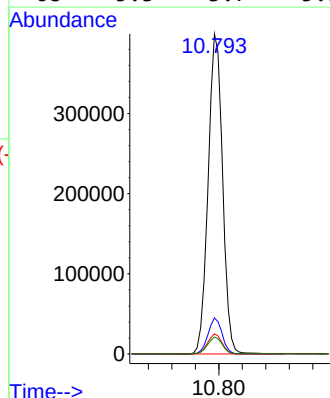
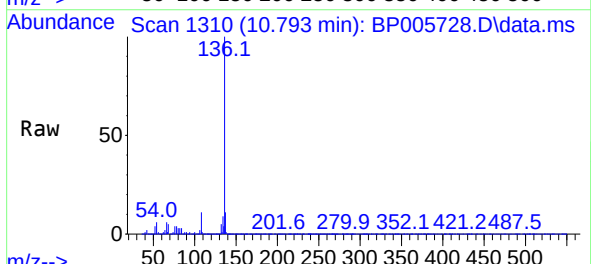
Instrument :
BNA_P
ClientSampleId :
18-B10(0-2)

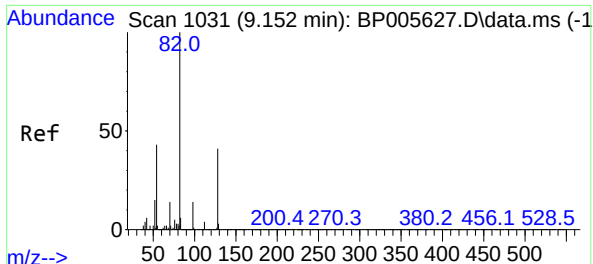
Tgt Ion: 99 Resp: 183605
Ion Ratio Lower Upper
99 100
42 17.8 12.9 19.3
71 37.2 26.7 40.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

Tgt Ion:136 Resp: 680164
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 6.3 5.0 7.4
68 5.3 3.7 5.5

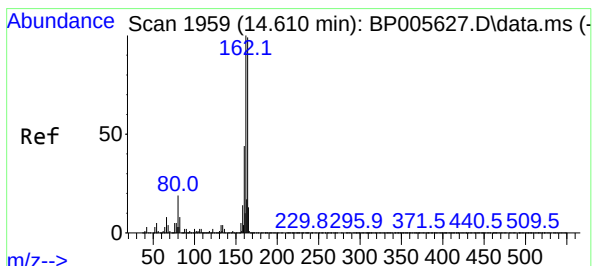
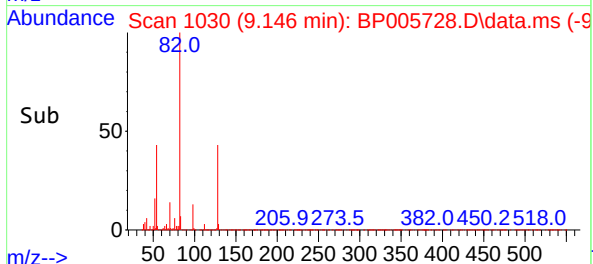
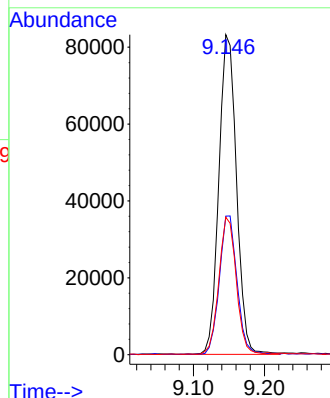
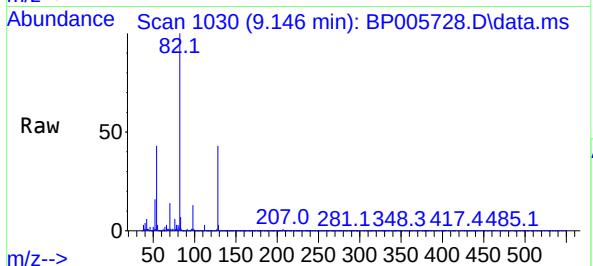




#23
Nitrobenzene-d5
Concen: 11.693 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

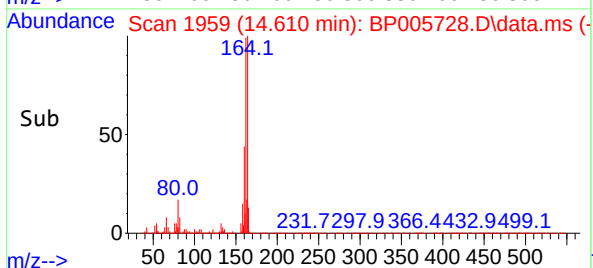
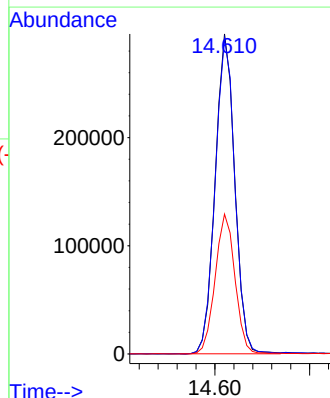
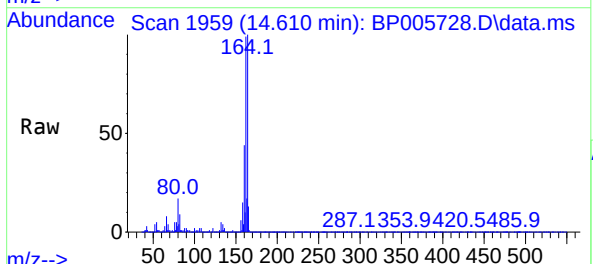
Instrument :
BNA_P
ClientSampleId :
18-B10(0-2)

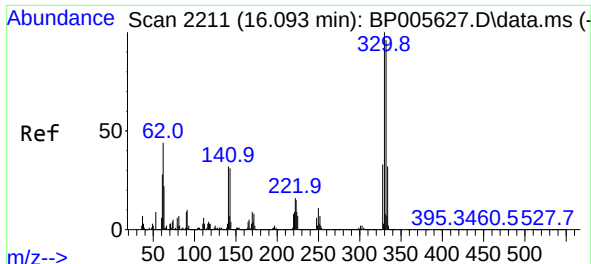
Tgt Ion: 82 Resp: 143005
Ion Ratio Lower Upper
82 100
128 43.3 30.5 45.7
54 42.9 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

Tgt Ion:164 Resp: 423999
Ion Ratio Lower Upper
164 100
162 98.7 73.5 110.3
160 43.7 40.6 61.0

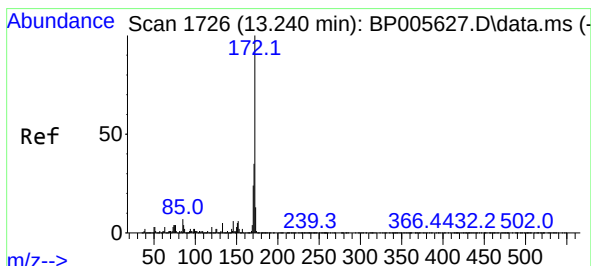
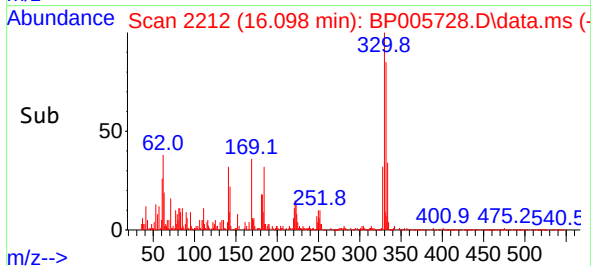
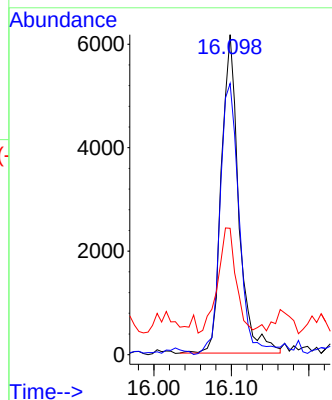
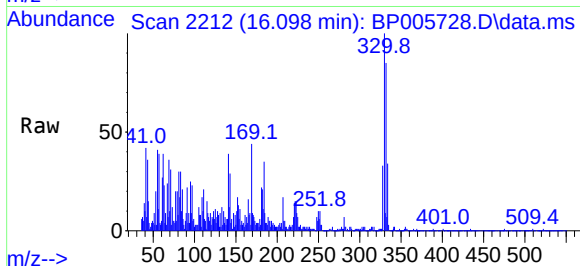




#42
2,4,6-Tribromophenol
Concen: 1.766 ng
RT: 16.098 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

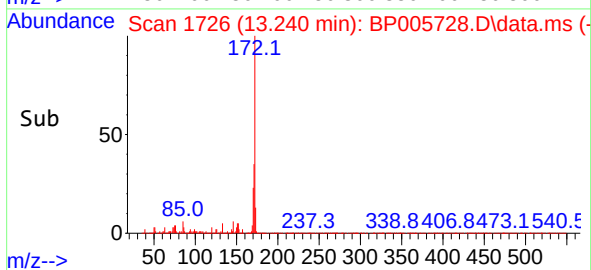
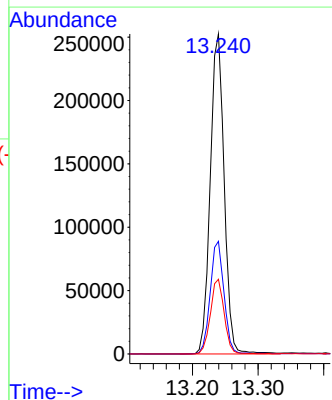
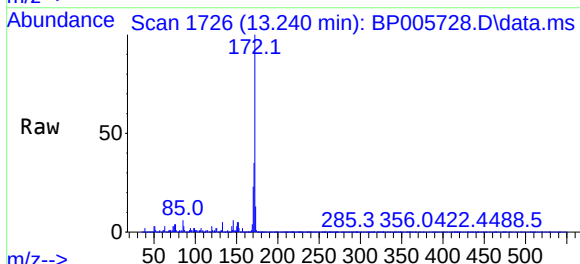
Instrument :
BNA_P
ClientSampleId :
18-B10(0-2)

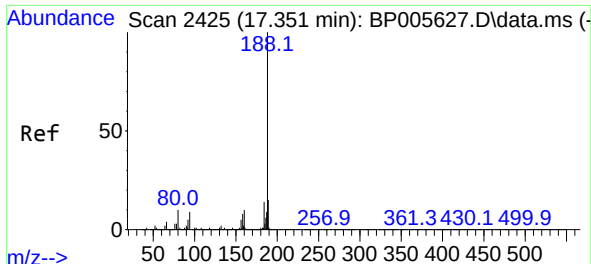
Tgt Ion:330 Resp: 9604
Ion Ratio Lower Upper
330 100
332 93.2 76.3 114.5
141 34.7 22.8 34.2#



#45
2-Fluorobiphenyl
Concen: 11.668 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

Tgt Ion:172 Resp: 373817
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.4 19.6 29.4

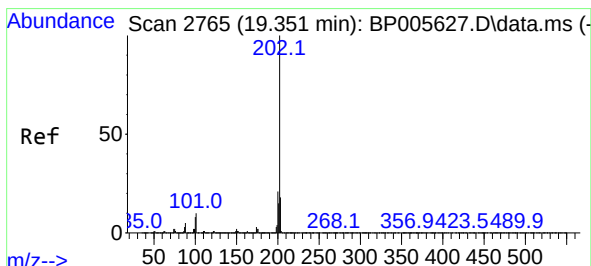
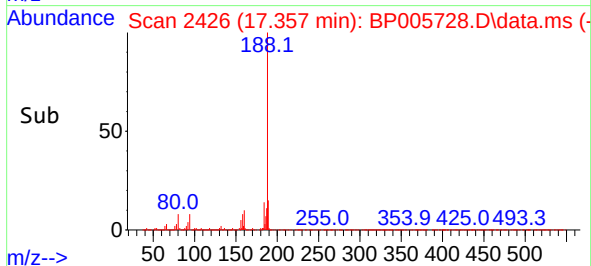
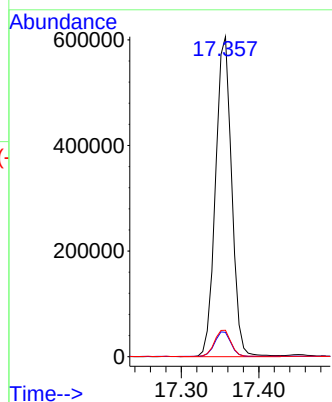
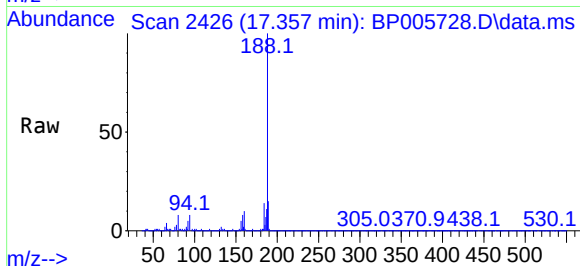




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

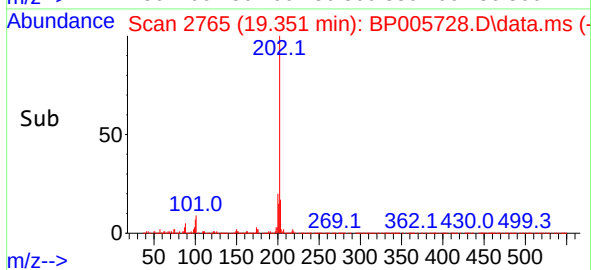
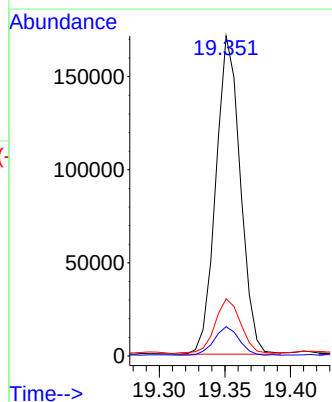
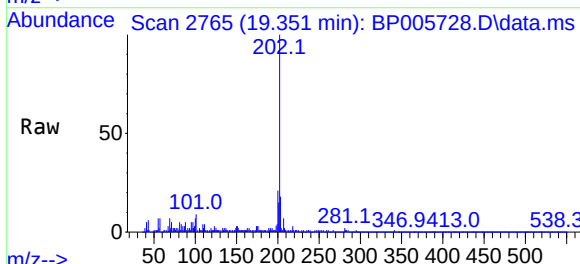
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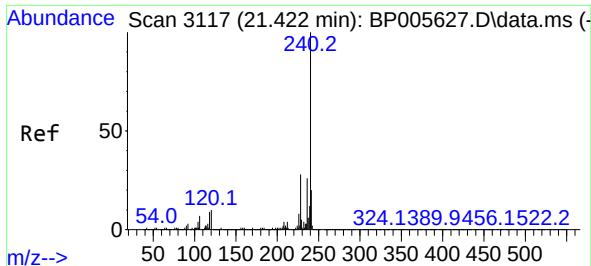
Tgt Ion:188 Resp: 875870
Ion Ratio Lower Upper
188 100
94 7.6 5.0 7.6#
80 8.2 5.9 8.9



#75
Fluoranthene
Concen: 3.382 ng
RT: 19.351 min Scan# 2765
Delta R.T. -0.000 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

Tgt Ion:202 Resp: 221553
Ion Ratio Lower Upper
202 100
101 9.2 0.0 26.1
203 17.8 0.0 37.2

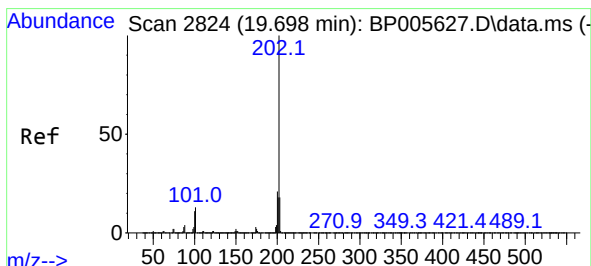
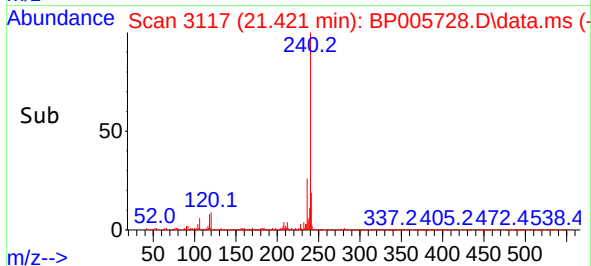
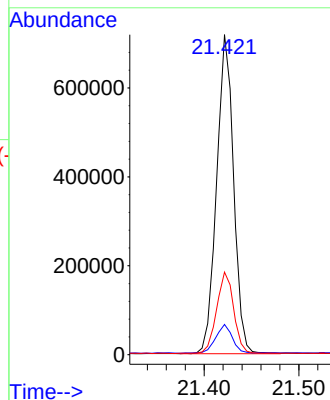
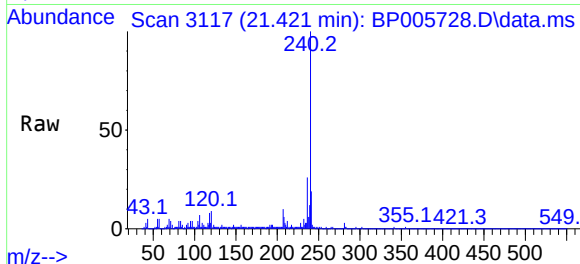




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.001 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

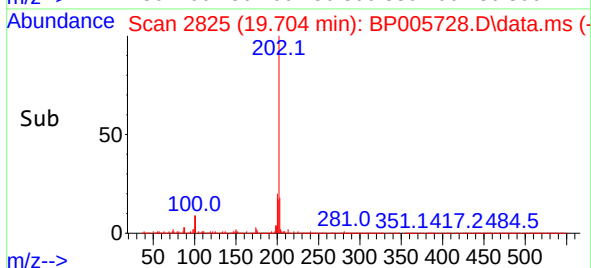
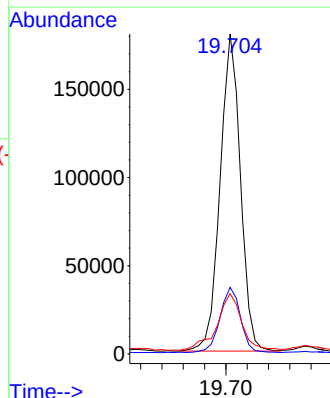
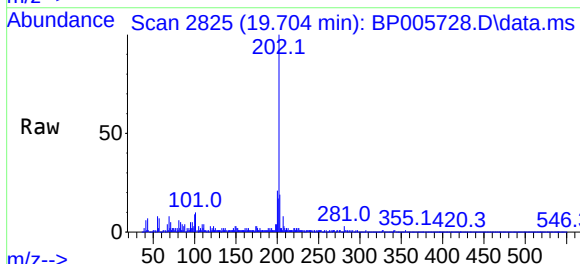
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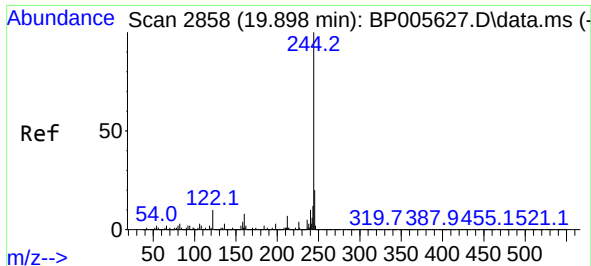
Tgt Ion:240 Resp: 893972
Ion Ratio Lower Upper
240 100
120 9.5 4.2 6.2#
236 25.8 20.2 30.2



#78
Pyrene
Concen: 3.773 ng
RT: 19.704 min Scan# 2825
Delta R.T. 0.006 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

Tgt Ion:202 Resp: 238004
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 18.9 13.8 20.6

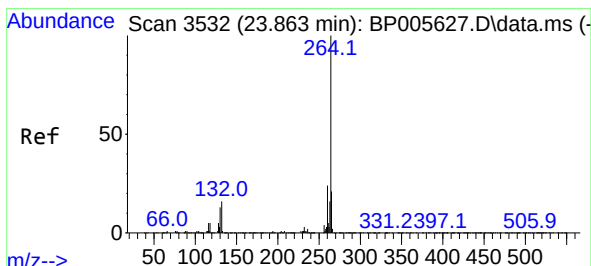
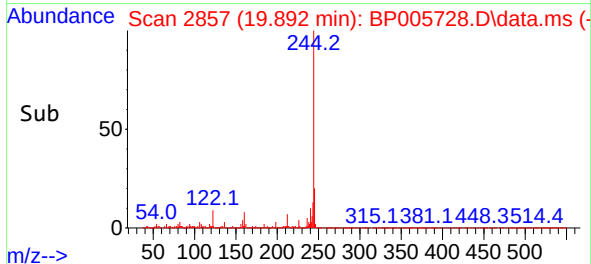
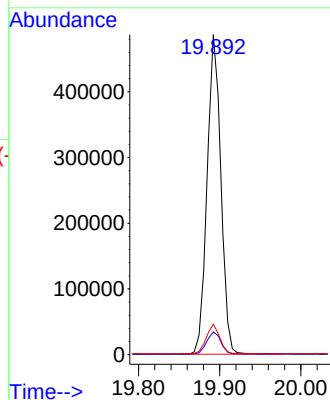
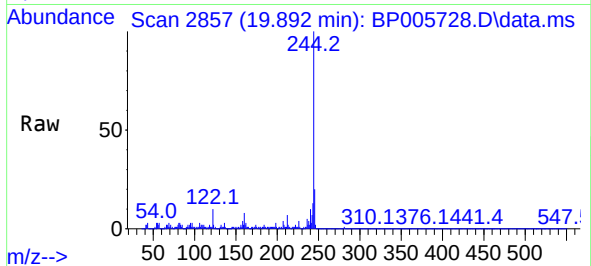




#79
Terphenyl-d14
Concen: 12.003 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

Instrument :
BNA_P
ClientSampleId :
18-B10(0-2)

Tgt Ion:244 Resp: 571847
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 9.6 5.2 7.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.874 min Scan# 3534
Delta R.T. 0.012 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

Tgt Ion:264 Resp: 1018491
Ion Ratio Lower Upper
264 100
260 24.4 20.6 30.8
265 22.6 19.0 28.6

