

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
 Data File : BP005743.D
 Acq On : 07 Jun 2021 15:30
 Operator : CG/JU
 Sample : M2580-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B1(2-4)

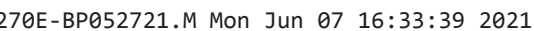
Quant Time: Jun 07 16:33:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 12:13:53 2021
 Response via : Initial Calibration

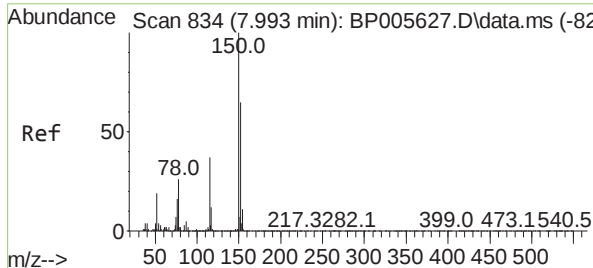
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	154741	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	601767	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	377471	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	810058	20.000	ng	# 0.00
76) Chrysene-d12	21.404	240	877144	20.000	ng	#-0.01
86) Perylene-d12	23.839	264	984564	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1401359	140.798	ng	0.00
7) Phenol-d6	7.146	99	1480467	109.112	ng	0.00
23) Nitrobenzene-d5	9.140	82	1165131	107.678	ng	0.00
42) 2,4,6-Tribromophenol	16.087	330	912177	188.455	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	2544460	89.209	ng	0.00
79) Terphenyl-d14	19.886	244	4074655	87.168	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.899	139	57	4.167	ng	# 1
32) Benzoic acid	10.122	122	188	5.047	ng	# 1
48) 2-Nitroaniline	13.693	65	45	4.494	ng	# 38
50) Dimethylphthalate	14.051	163	127735	4.254	ng	98
51) 2,6-Dinitrotoluene	14.187	165	67	5.068	ng	# 76
53) 3-Nitroaniline	14.516	138	82	3.665	ng	# 76
54) 2,4-Dinitrophenol	14.716	184	9	6.530	ng	# 50
56) 4-Nitrophenol	14.840	139	116	3.764	ng	# 71
57) 2,4-Dinitrotoluene	14.957	165	454	4.311	ng	# 42
62) 4-Nitroaniline	15.575	138	46	3.636	ng	91
80) Butylbenzylphthalate	20.486	149	301	4.142	ng	93

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

Quant Time: Jun 07 16:33:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 07 12:13:53 2021
Response via : Initial Calibration

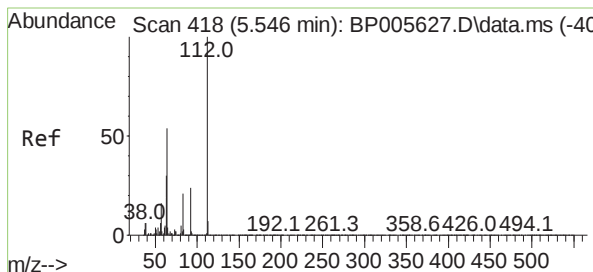
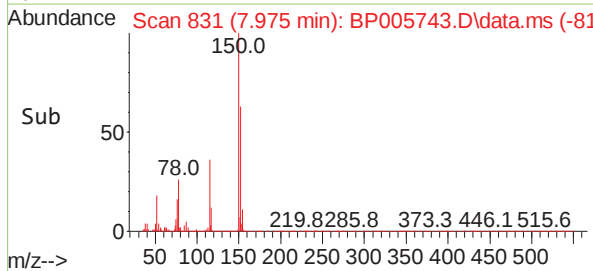
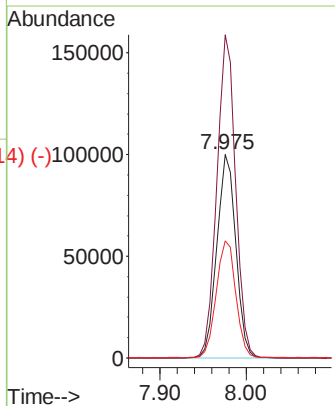
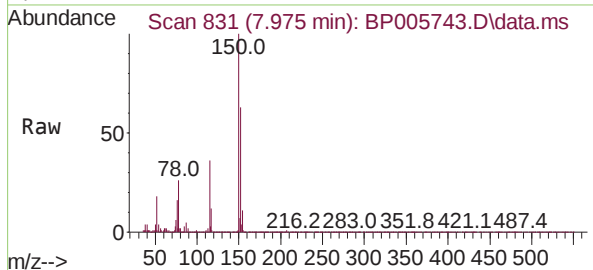




Scan 834 (7.993 min): BP005627.D\data.ms (-823)
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.975 min Scan# 831
 Delta R.T. 0.000 min
 Lab File: BP005743.D
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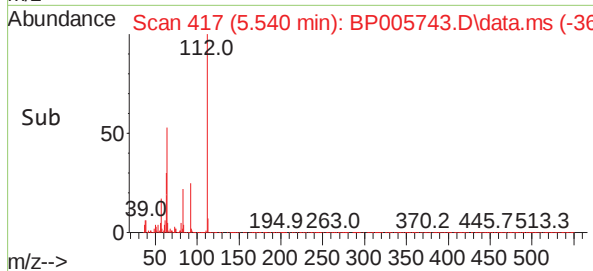
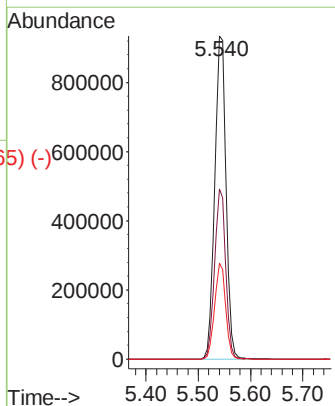
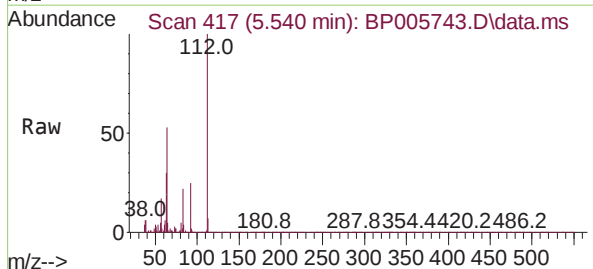
Instrument :
 BNA_P
 ClientSampleID :
 18-B1(2-4)

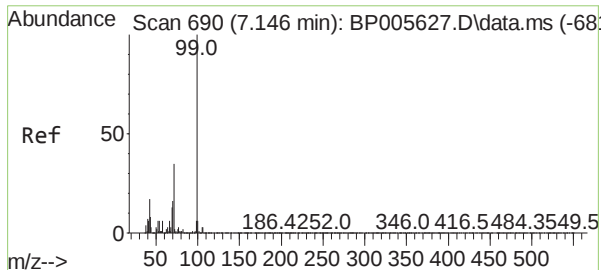
Tgt Ion:	152	Resp:	154741
Ion	Ratio	Lower	Upper
152	100		
150	158.7	119.8	179.8
115	57.6	49.0	73.4



Scan 418 (5.546 min): BP005627.D\data.ms (-408)
 2-Fluorophenol
 Concen: 140.798 ng
 RT: 5.540 min Scan# 417
 Delta R.T. 0.006 min
 Lab File: BP005743.D
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Tgt Ion:	112	Resp:	1401359
Ion	Ratio	Lower	Upper
112	100		
64	52.7	33.6	50.4#
63	29.7	18.6	27.8#

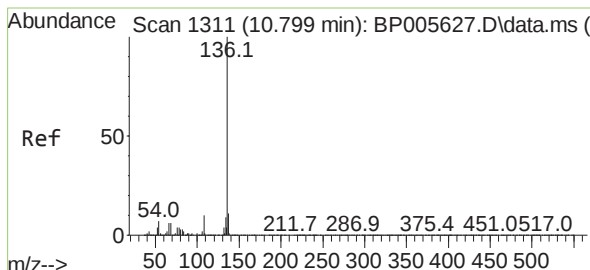
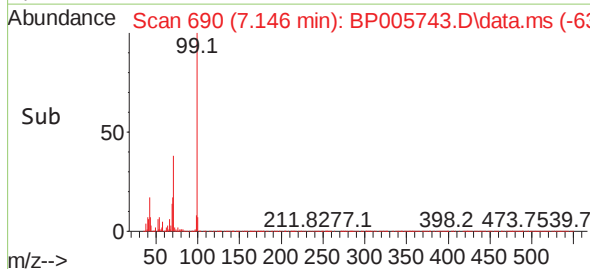
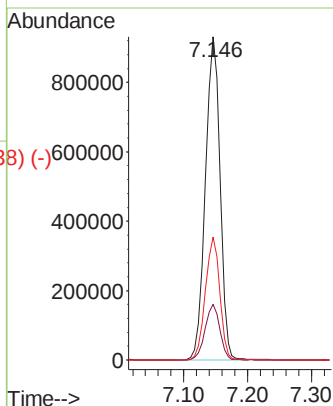
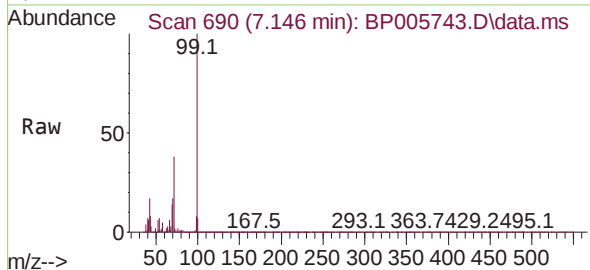




Phenol-d6
 Concen: 109.112 ng
 RT: 7.146 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: BP005743.D
 Acq: 07 Jun 2021 15:30

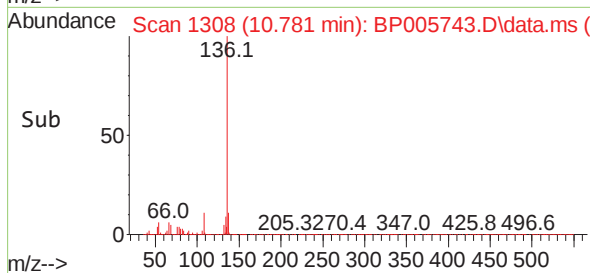
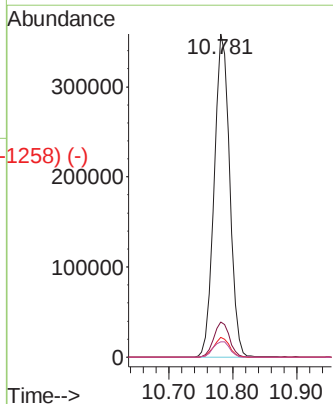
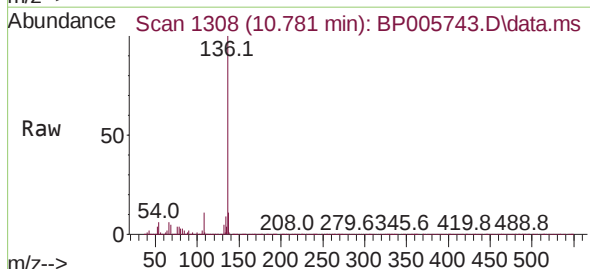
Instrument :
 BNA_P
 ClientSampleId :
 18-B1(2-4)

Tgt Ion:	99	Resp:	1480467
Ion	Ratio	Lower	Upper
99	100		
42	17.2	12.9	19.3
71	37.9	26.7	40.1

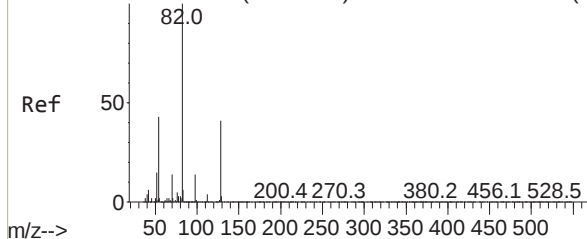


Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.781 min Scan# 1308
 Delta R.T. -0.006 min
 Lab File: BP005743.D
 Acq: 07 Jun 2021 15:30

Tgt Ion:	136	Resp:	601767
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.1	5.0	7.4
68	4.7	3.7	5.5



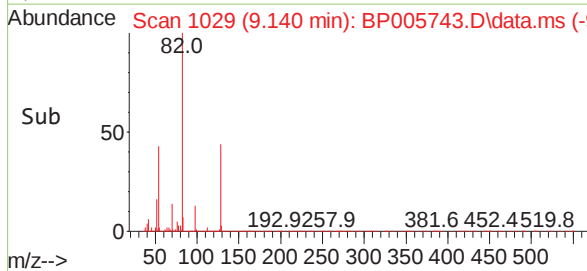
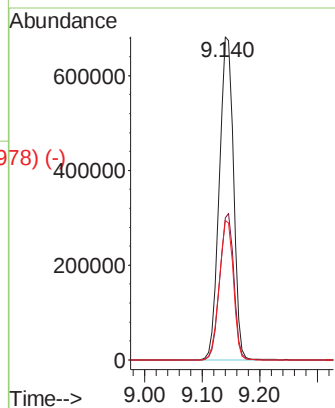
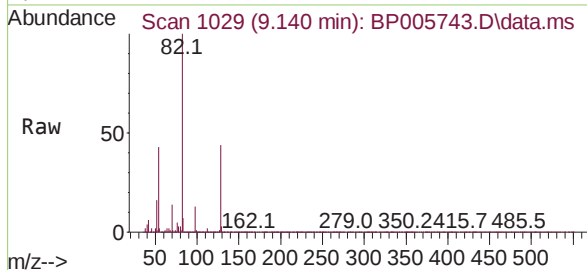
Abundance Scan 1031 (9.152 min): BP005627.D\data.ms (-1023-)



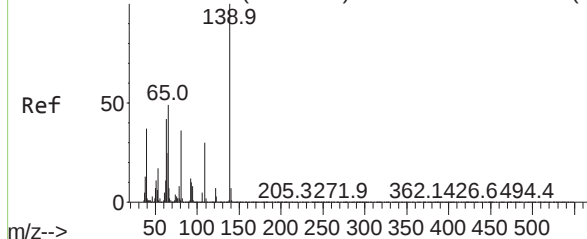
Nitrobenzene-d5
Concen: 107.678 ng
RT: 9.140 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BP005743.D
Acq: 07 Jun 2021 15:30

Instrument :
BNA_P
ClientSampleId :
18-B1(2-4)

Tgt Ion: 82 Resp: 1165131
Ion Ratio Lower Upper
82 100
128 43.9 30.5 45.7
54 43.1 33.9 50.9

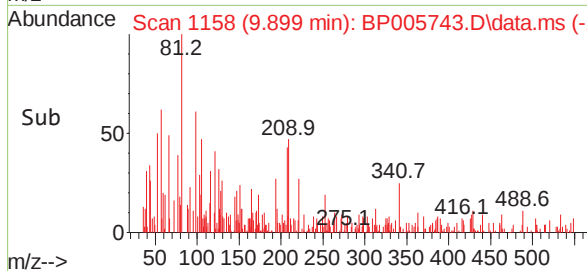
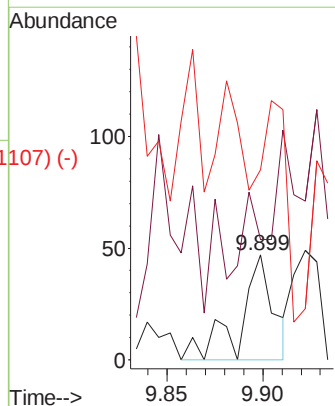
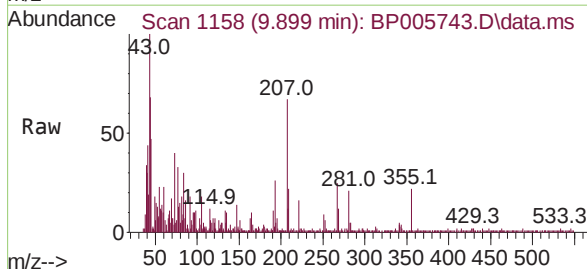


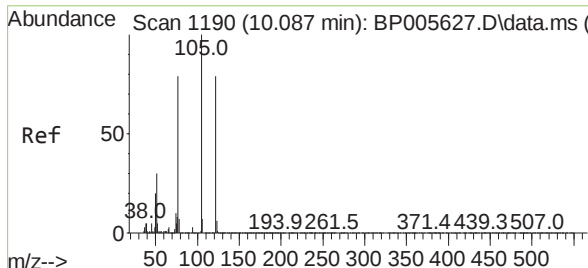
Abundance Scan 1160 (9.911 min): BP005627.D\data.ms (-1140-)



2-Nitrophenol
Concen: 4.167 ng
RT: 9.899 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BP005743.D
Acq: 07 Jun 2021 15:30

Tgt Ion:139 Resp: 57
Ion Ratio Lower Upper
139 100
109 114.9 40.7 61.1#
65 180.9 47.8 71.6#

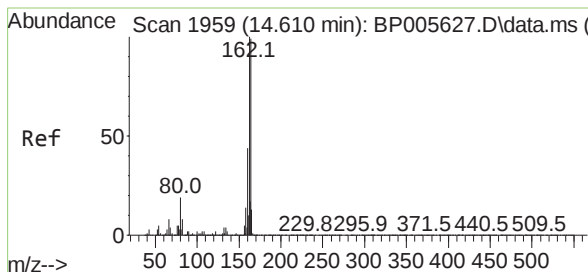
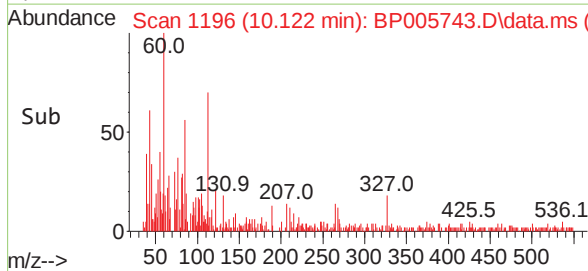
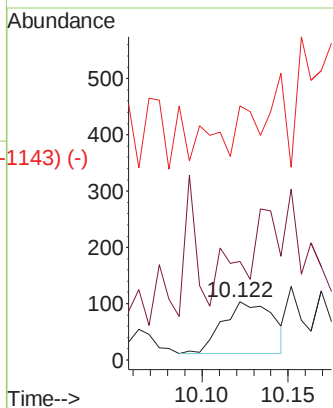
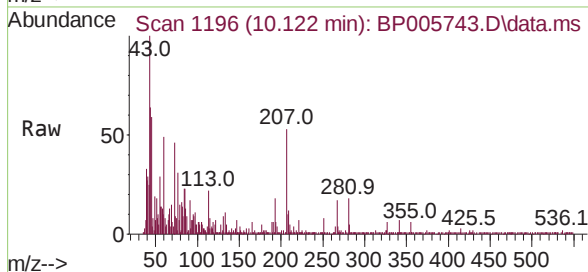




Benzoic acid
 Concen: 5.047 ng
 RT: 10.122 min Scan# 1196
 Delta R.T. 0.012 min
 Lab File: BP005743.D
 Acq: 07 Jun 2021 15:30

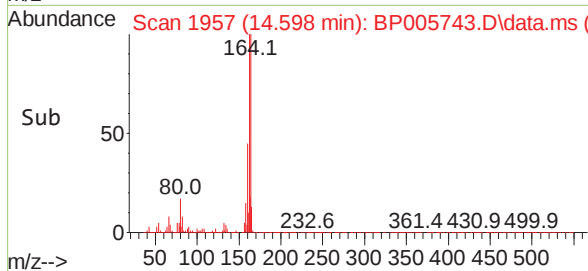
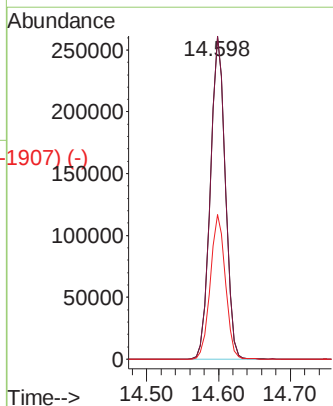
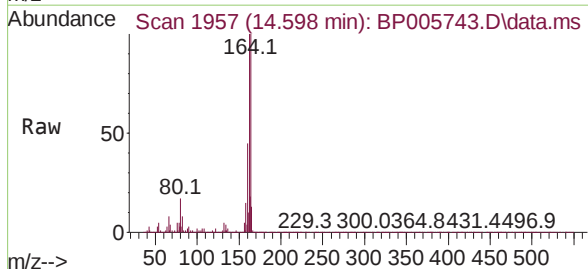
Instrument :
 BNA_P
 ClientSampleId :
 18-B1(2-4)

Tgt Ion:	122	Resp:	188
Ion	Ratio	Lower	Upper
122	100		
105	168.3	105.1	145.1#
77	433.7	69.6	109.6#

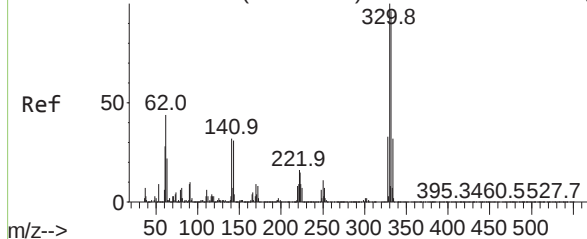


Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.598 min Scan# 1957
 Delta R.T. -0.006 min
 Lab File: BP005743.D
 Acq: 07 Jun 2021 15:30

Tgt Ion:	164	Resp:	377471
Ion	Ratio	Lower	Upper
164	100		
162	100.1	73.5	110.3
160	44.9	40.6	61.0



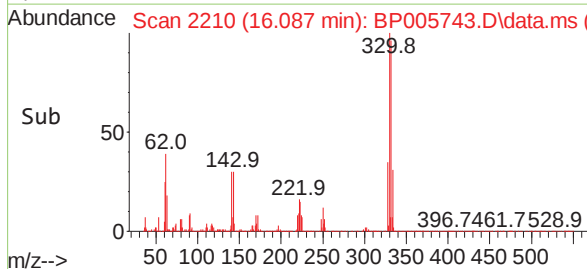
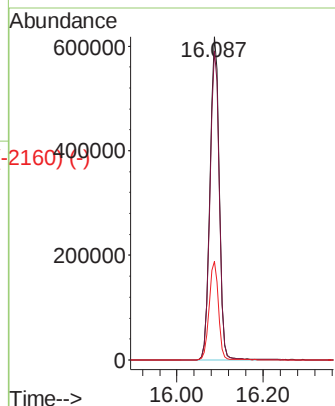
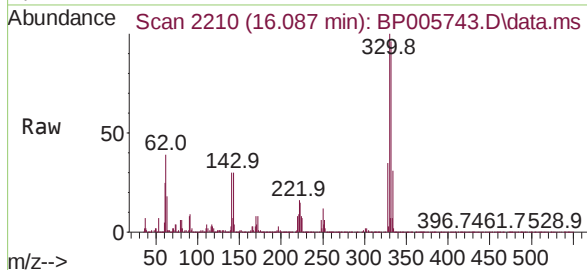
Abundance Scan 2211 (16.093 min): BP005627.D\data.ms (-2160) (-)



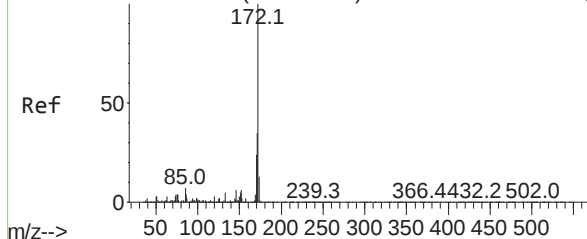
2,4,6-Tribromophenol
Concen: 188.455 ng
RT: 16.087 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BP005743.D
Acq: 07 Jun 2021 15:30

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:	330	Resp:	912177
Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.3	114.5
141	30.5	22.8	34.2

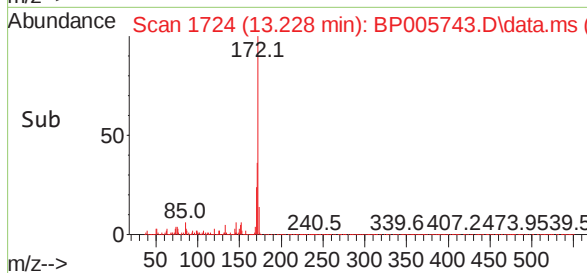
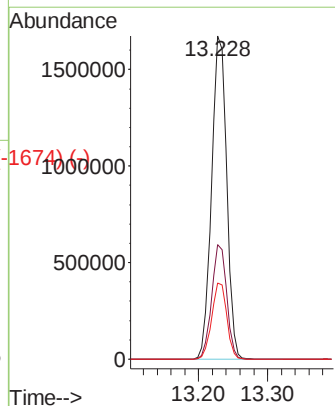
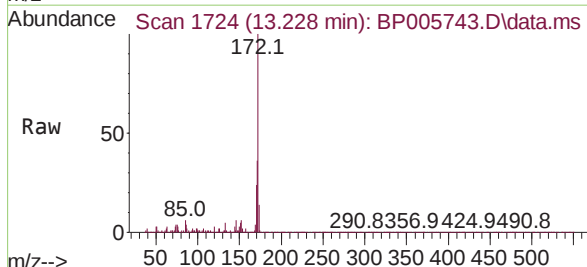


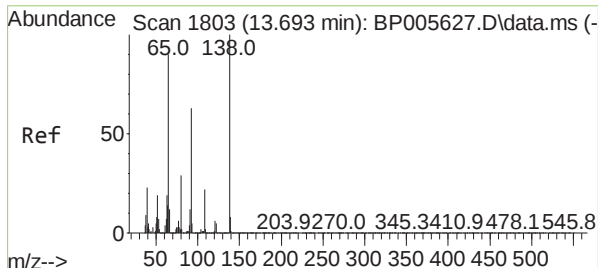
Abundance Scan 1726 (13.240 min): BP005627.D\data.ms (-1715) (-)



2-Fluorobiphenyl
Concen: 89.209 ng
RT: 13.228 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP005743.D
Acq: 07 Jun 2021 15:30

Tgt Ion:	172	Resp:	2544460
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	23.5	19.6	29.4

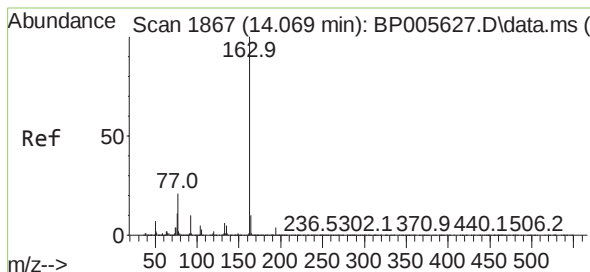
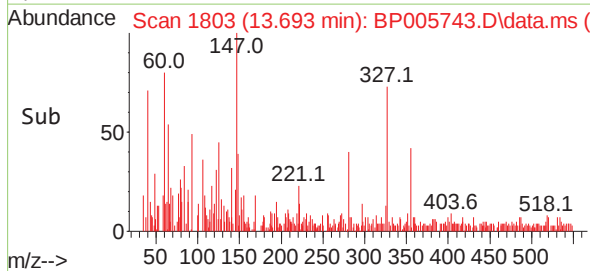
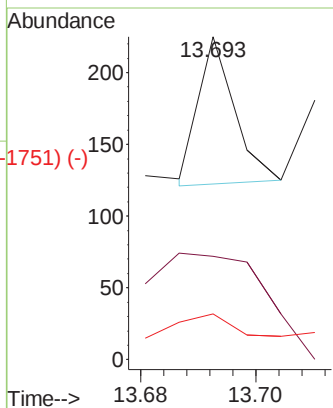
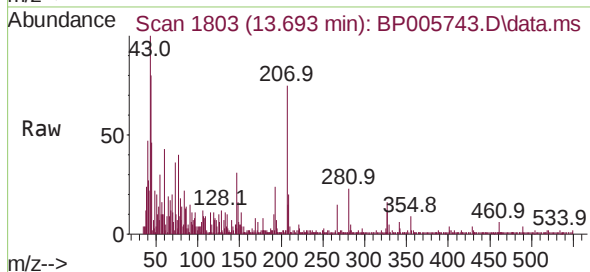




2-Nitroaniline
Concen: 4.494 ng
RT: 13.693 min Scan# 1803
Delta R.T. 0.006 min
Lab File: BP005743.D
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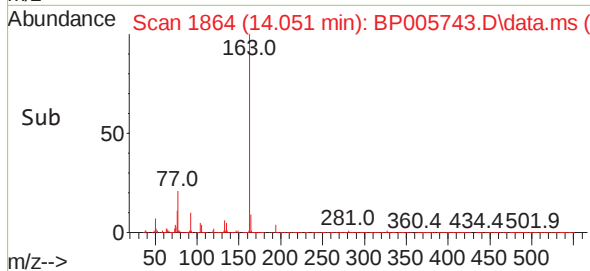
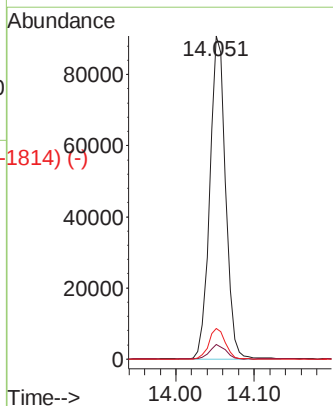
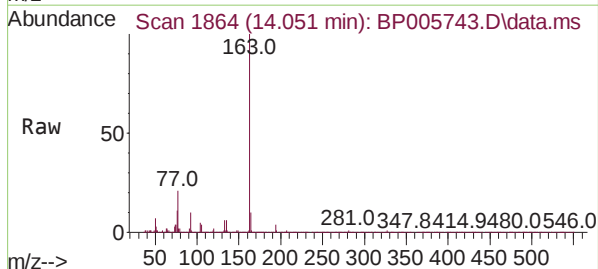
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Tgt Ion:	65	Resp:	45
Ion	Ratio	Lower	Upper
65	100		
92	32.0	48.8	73.2#
138	14.2	69.5	104.3#

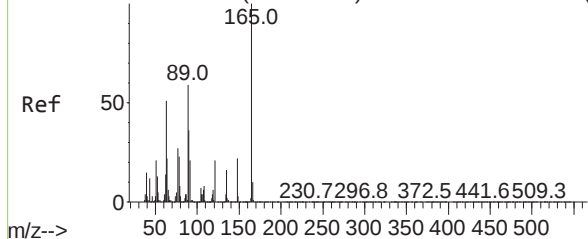


Dimethylphthalate
Concen: 4.254 ng
RT: 14.051 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BP005743.D
Acq: 07 Jun 2021 15:30

Tgt Ion:	163	Resp:	127735
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.9	5.9
164	9.5	8.1	12.1



Abundance Scan 1887 (14.187 min): BP005627.D\data.ms (-1835) (-)

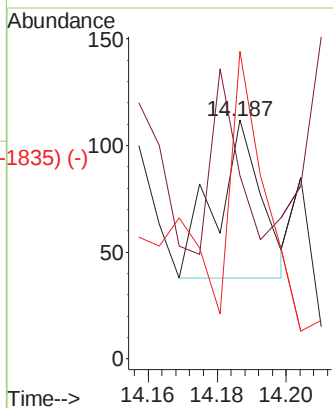
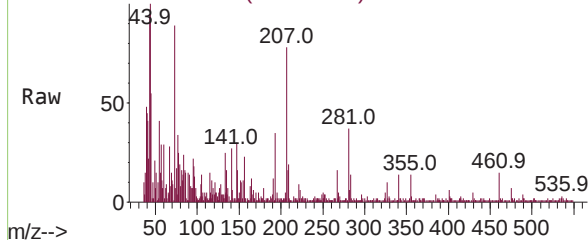


2,6-Dinitrotoluene
Concen: 5.068 ng
RT: 14.187 min Scan# 1887
Delta R.T. 0.006 min
Lab File: BP005743.D
Acq: 07 Jun 2021 15:30

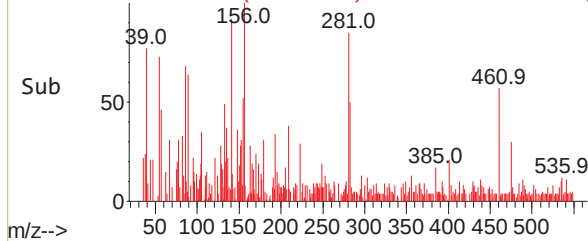
Instrument :
BNA_P
ClientSampled :
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Tgt Ion:	165	Resp:	67
Ion	Ratio	Lower	Upper
165	100		
63	76.8	67.4	101.0
89	128.6	73.8	110.6#

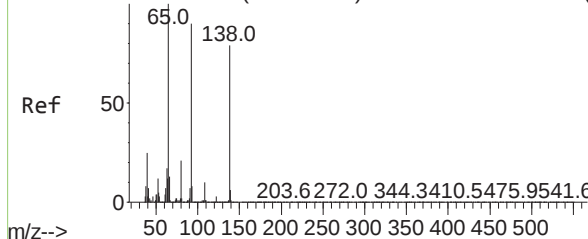
Abundance Scan 1887 (14.187 min): BP005743.D\data.ms



Abundance Scan 1887 (14.187 min): BP005743.D\data.ms (-1835) (-)



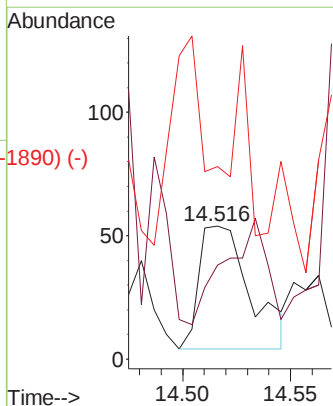
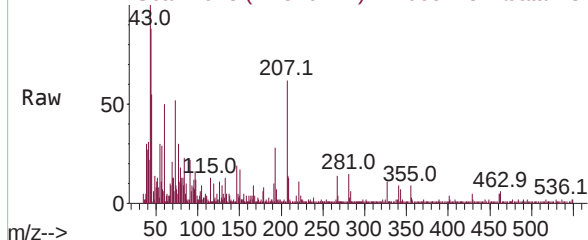
Abundance Scan 1942 (14.510 min): BP005627.D\data.ms (-1835) (-)



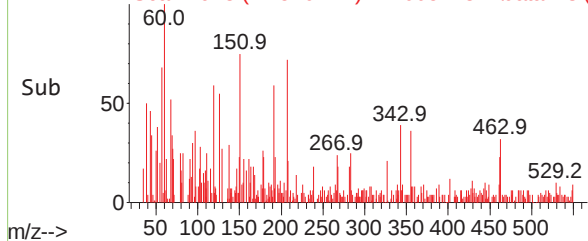
3-Nitroaniline
Concen: 3.665 ng
RT: 14.516 min Scan# 1943
Delta R.T. 0.012 min
Lab File: BP005743.D
Acq: 07 Jun 2021 15:30

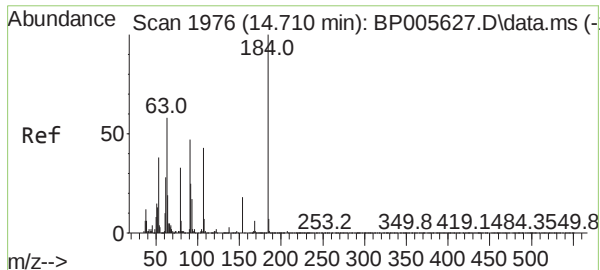
Tgt Ion:	138	Resp:	82
Ion	Ratio	Lower	Upper
138	100		
108	56.7	10.2	15.4#
92	116.4	108.1	162.1

Abundance Scan 1943 (14.516 min): BP005743.D\data.ms



Abundance Scan 1943 (14.516 min): BP005743.D\data.ms (-1890) (-)

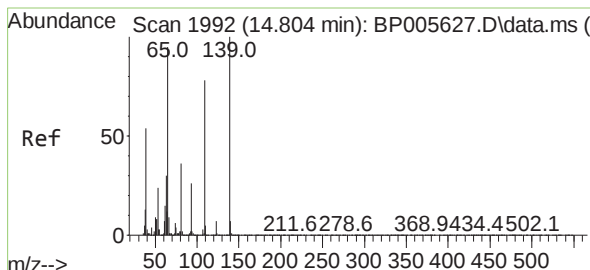
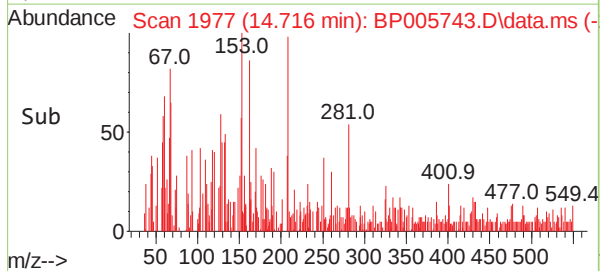
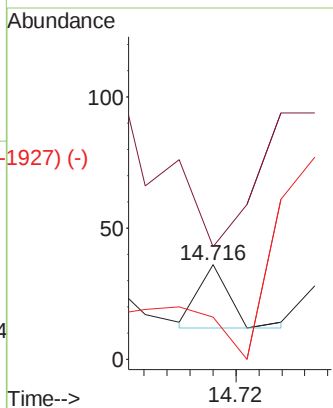
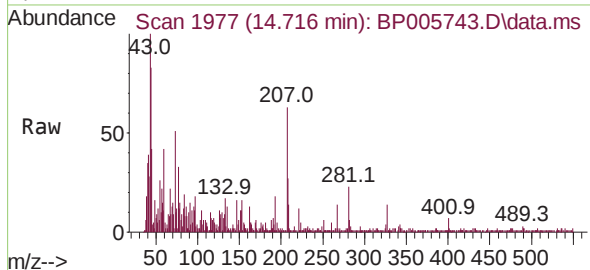




2,4-Dinitrophenol
Concen: 6.530 ng
RT: 14.716 min Scan# 1977
Delta R.T. -0.006 min
Lab File: BP005743.D
Acq: 07 Jun 2021 15:30

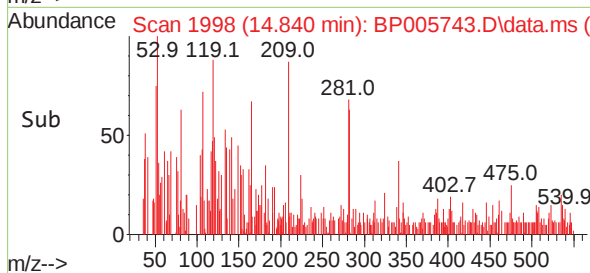
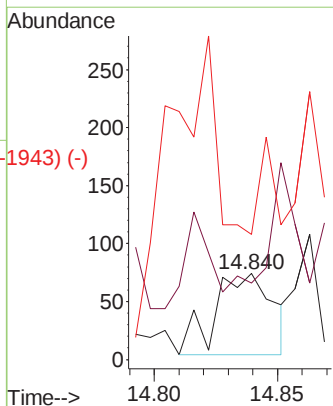
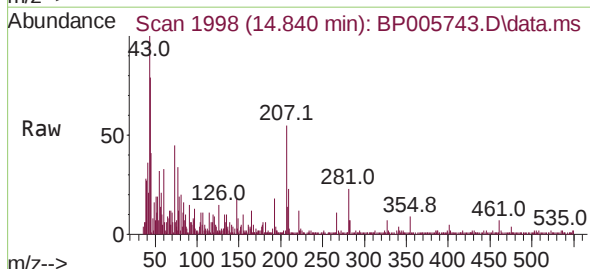
Instrument :
BNA_P
ClientSampled :
18-B1(2-4)

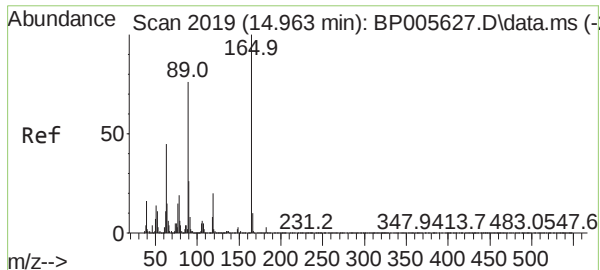
Tgt Ion:	184	Resp:	9
Ion	Ratio	Lower	Upper
184	100		
63	119.4	51.2	76.8#
154	44.4	55.8	83.8#



4-Nitrophenol
Concen: 3.764 ng
RT: 14.840 min Scan# 1998
Delta R.T. 0.024 min
Lab File: BP005743.D
Acq: 07 Jun 2021 15:30

Tgt Ion:	139	Resp:	116
Ion	Ratio	Lower	Upper
139	100		
109	89.2	122.8	162.8#
65	145.9	110.0	150.0

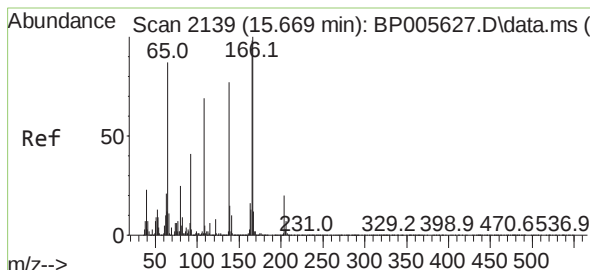
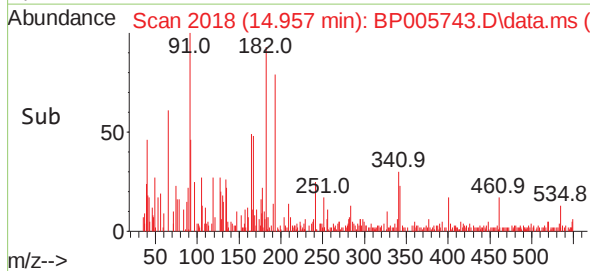
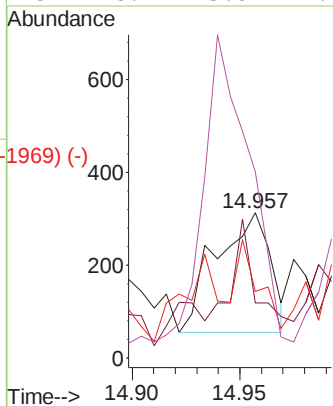
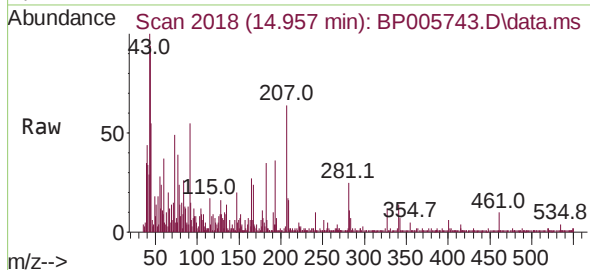




2,4-Dinitrotoluene
Concen: 4.311 ng
RT: 14.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BP005743.D
Acq: 07 Jun 2021 15:30

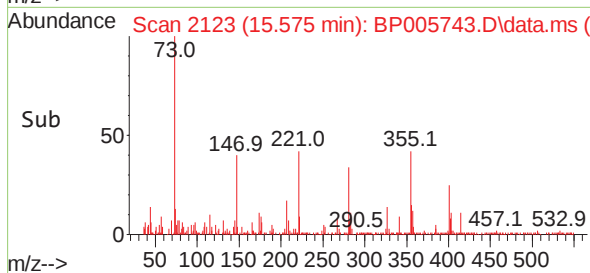
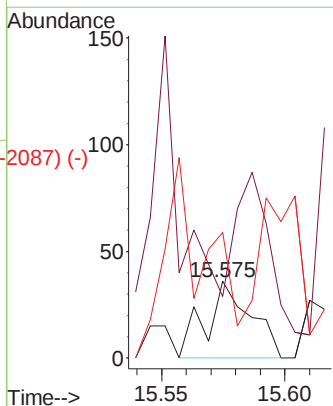
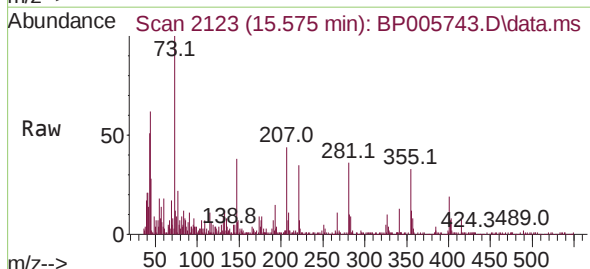
Instrument :
BNA_P
ClientSampleId :
18-B1(2-4)

Tgt Ion:165 Resp: 454
Ion Ratio Lower Upper
165 100
63 38.0 56.7 85.1#
89 46.0 85.8 128.6#
182 128.4 3.0 4.6#

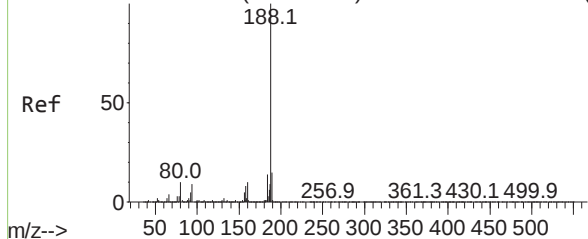


4-Nitroaniline
Concen: 3.636 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.088 min
Lab File: BP005743.D
Acq: 07 Jun 2021 15:30

Tgt Ion:138 Resp: 46
Ion Ratio Lower Upper
138 100
92 80.6 50.9 90.9
108 163.9 154.7 194.7



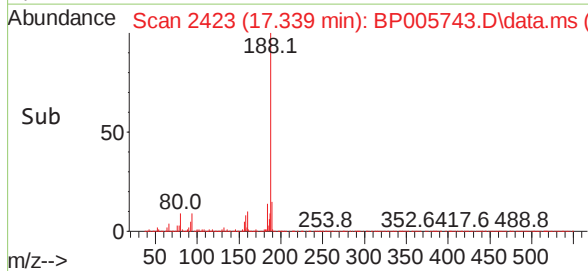
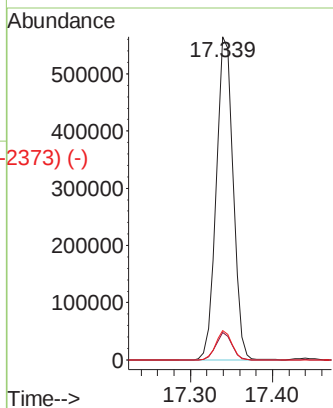
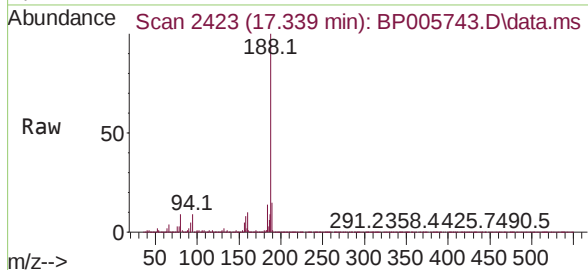
Abundance Scan 2425 (17.351 min): BP005627.D\data.ms (-2425) (-)



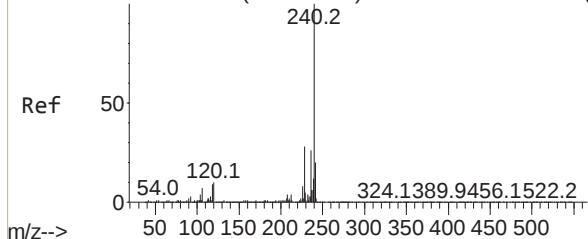
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP005743.D
Acq: 07 Jun 2021 15:30

Instrument :
BNA_P
ClientSampleId :
18-B1(2-4)

Tgt Ion:188 Resp: 810058
Ion Ratio Lower Upper
188 100
94 8.6 5.0 7.6#
80 9.0 5.9 8.9#

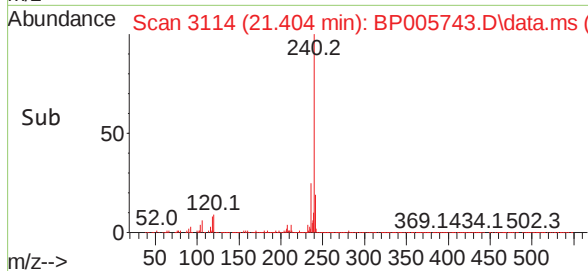
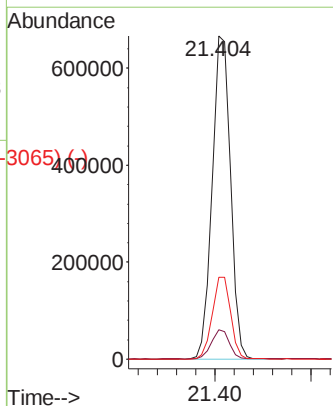
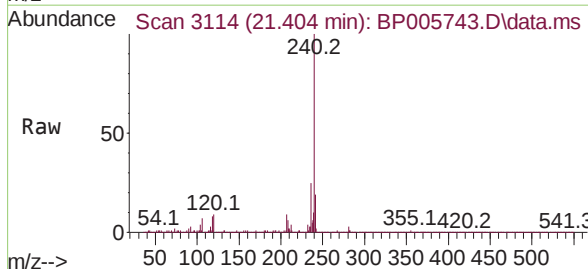


Abundance Scan 3117 (21.422 min): BP005627.D\data.ms (-3117) (-)

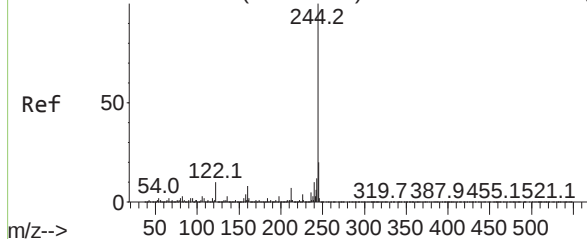


Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP005743.D
Acq: 07 Jun 2021 15:30

Tgt Ion:240 Resp: 877144
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 25.4 20.2 30.2



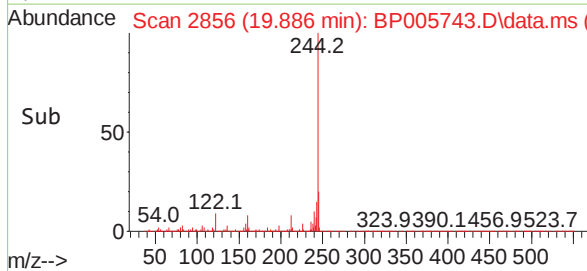
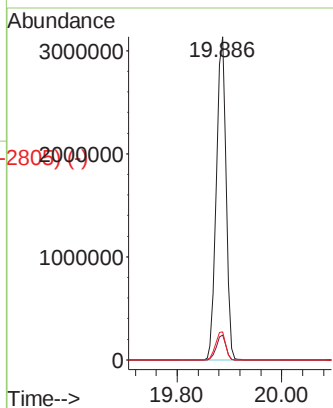
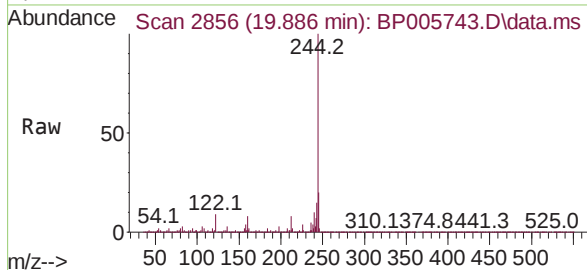
Abundance Scan 2858 (19.898 min): BP005627.D\data.ms (-2879) (-)



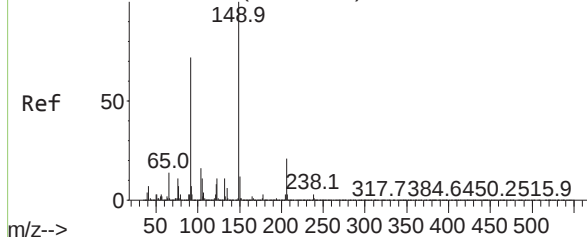
Terphenyl-d14
Concen: 87.168 ng
RT: 19.886 min Scan# 2856
Delta R.T. 0.000 min
Lab File: BP005743.D
Acq: 07 Jun 2021 15:30

Instrument :
BNA_P
ClientSampleId :
18-B1(2-4)

Tgt Ion:244 Resp: 4074655
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 8.6 5.2 7.8#

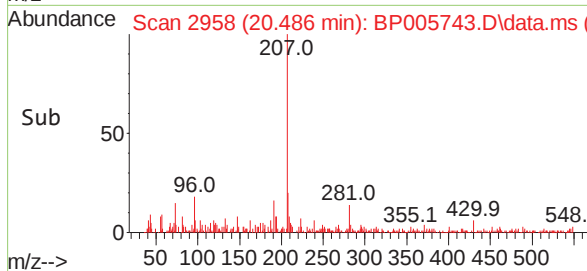
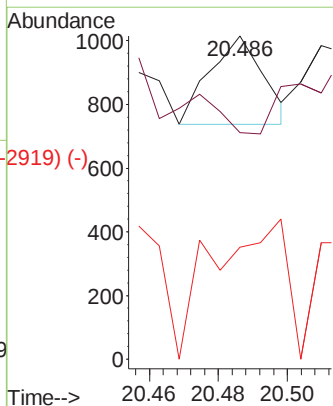
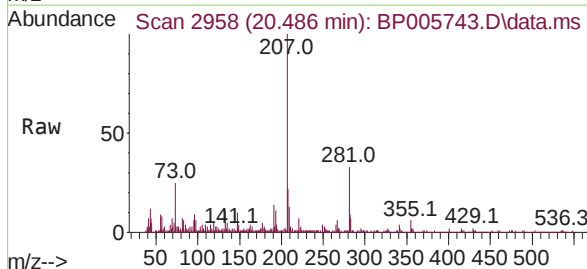


Abundance Scan 2972 (20.569 min): BP005627.D\data.ms (-2980) (-)

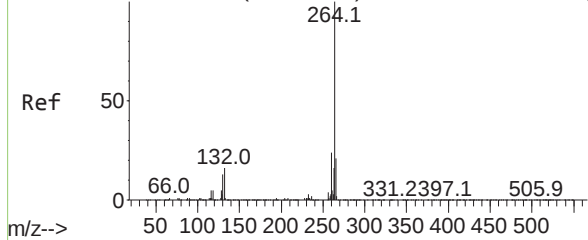


Butylbenzylphthalate
Concen: 4.142 ng
RT: 20.486 min Scan# 2958
Delta R.T. -0.071 min
Lab File: BP005743.D
Acq: 07 Jun 2021 15:30

Tgt Ion:149 Resp: 301
Ion Ratio Lower Upper
149 100
91 70.0 60.2 90.4
206 34.7 23.9 35.9



Abundance Scan 3532 (23.863 min): BP005627.D\data.ms (-3479.1)



Perylene-d12
Concen: 20.000 ng
RT: 23.839 min Scan# 3528
Delta R.T. -0.012 min
Lab File: BP005743.D
Acq: 07 Jun 2021 15:30

Instrument :
BNA_P
ClientSampleId :
18-B1(2-4)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.6	30.8
265	21.9	19.0	28.6

