

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
 Data File : BP005746.D
 Acq On : 07 Jun 2021 17:14
 Operator : CG/JU
 Sample : M2580-22
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B2(2-4)

Quant Time: Jun 07 18:07:23 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)

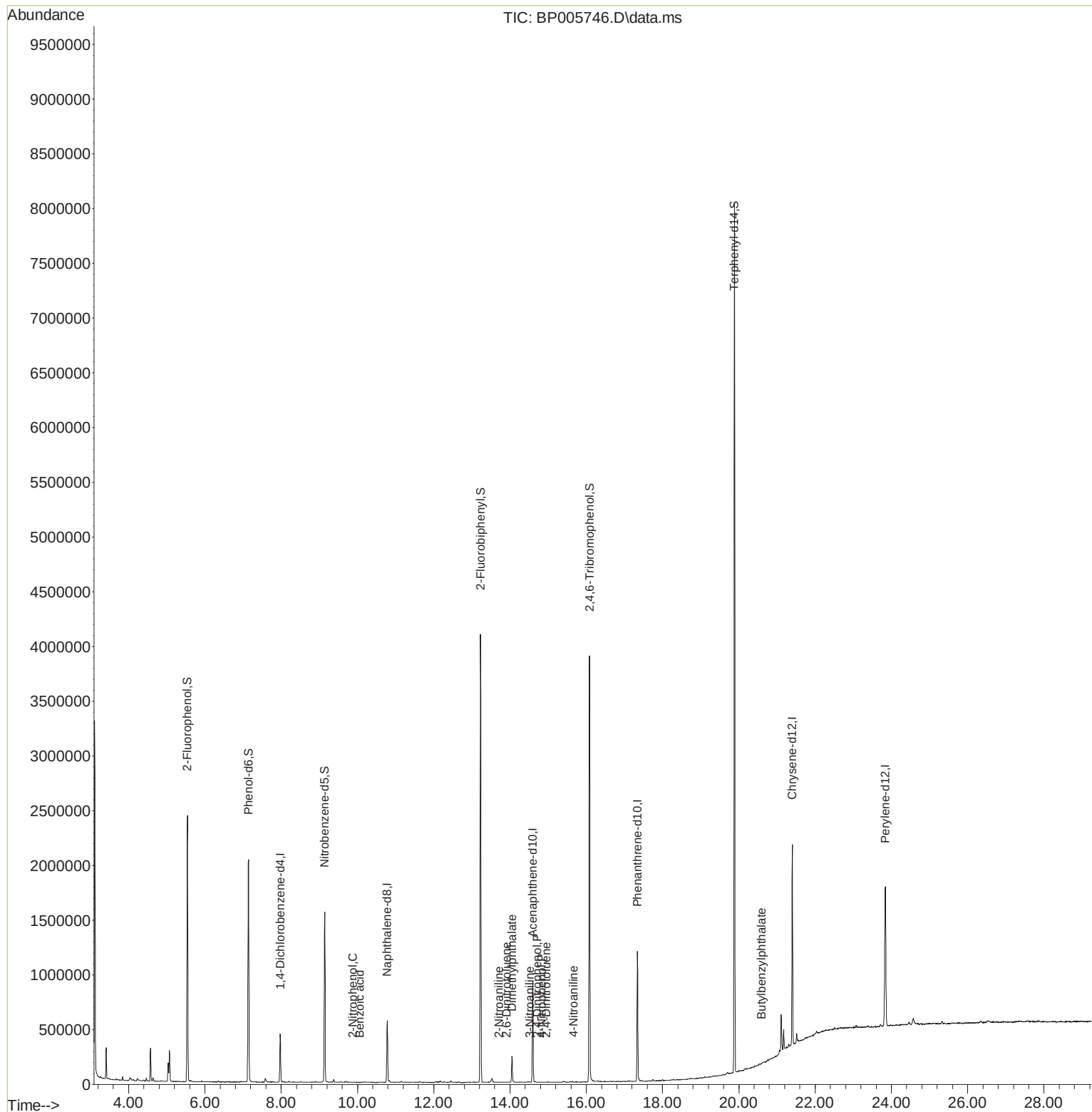
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	118312	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	465046	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	308982	20.000	ng	0.00
64) Phenanthrene-d10	17.340	188	709028	20.000	ng	# 0.00
76) Chrysene-d12	21.404	240	872577	20.000	ng	#-0.01
86) Perylene-d12	23.833	264	1021880	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1038638	136.486	ng	0.00
7) Phenol-d6	7.146	99	1171225	112.900	ng	0.00
23) Nitrobenzene-d5	9.140	82	906777	108.439	ng	0.00
42) 2,4,6-Tribromophenol	16.087	330	814420	205.555	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	2059910	88.229	ng	0.00
79) Terphenyl-d14	19.881	244	3788713	81.475	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.875	139	42	4.167	ng	# 1
32) Benzoic acid	10.063	122	74	5.030	ng	# 1
48) 2-Nitroaniline	13.704	65	191	4.523	ng	# 27
50) Dimethylphthalate	14.051	163	152187	6.192	ng	100
51) 2,6-Dinitrotoluene	13.910	165	59	5.068	ng	90
53) 3-Nitroaniline	14.522	138	49	3.661	ng	# 41
54) 2,4-Dinitrophenol	14.710	184	40	6.543	ng	# 61
56) 4-Nitrophenol	14.834	139	38	3.752	ng	94
57) 2,4-Dinitrotoluene	14.951	165	329	4.305	ng	# 57
62) 4-Nitroaniline	15.669	138	22	3.634	ng	# 1
80) Butylbenzylphthalate	20.598	149	58	4.133	ng	92

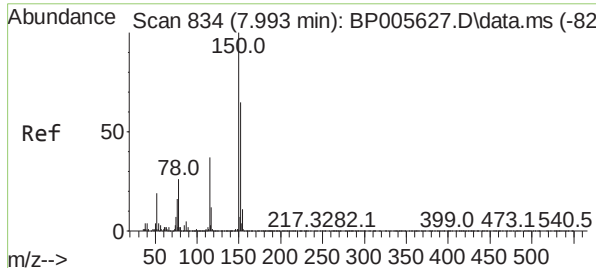
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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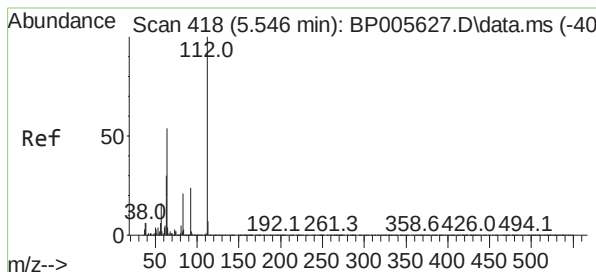
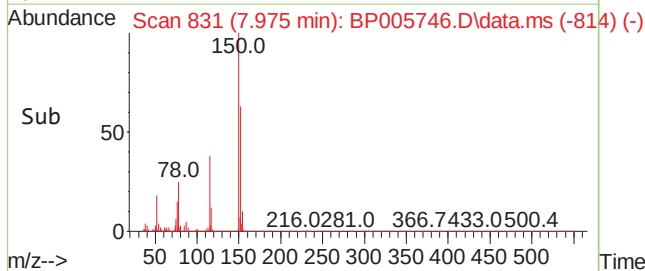
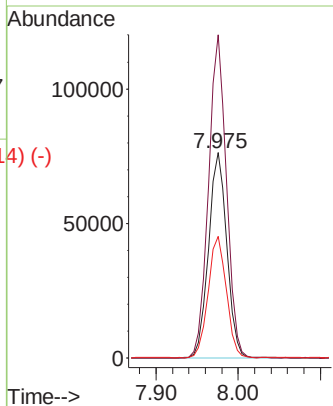
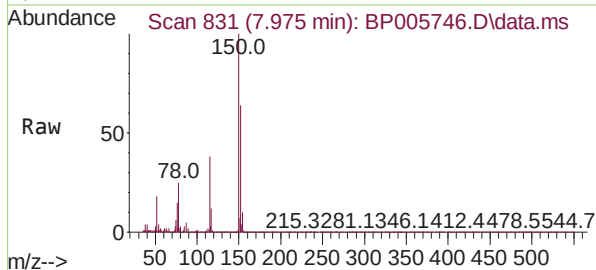




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.975 min Scan# 831
 Delta R.T. 0.000 min
 Lab File: BP005746.D
 Acq: 07 Jun 2021 17:14

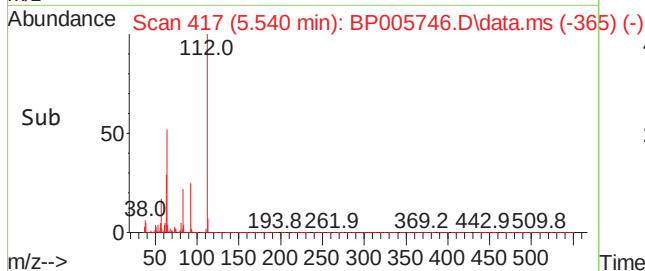
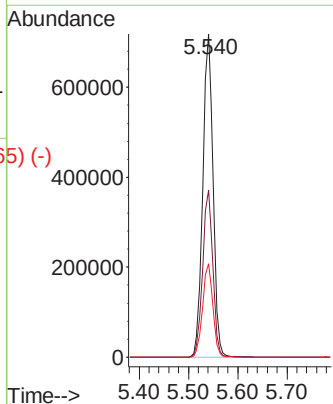
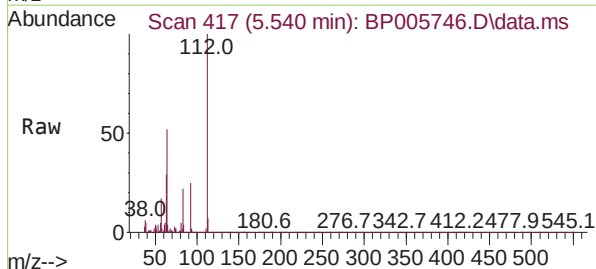
Instrument :
 BNA_P
 ClientSampleId :
 18-B2(2-4)

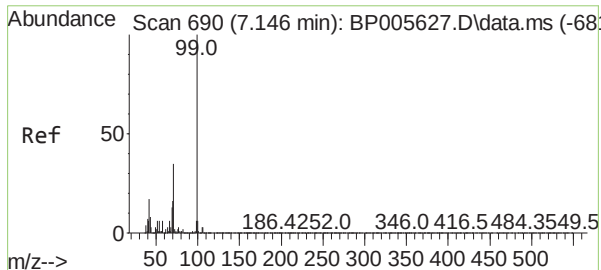
Tgt Ion:	152	Resp:	118312
Ion	Ratio	Lower	Upper
152	100		
150	157.4	119.8	179.8
115	59.2	49.0	73.4



2-Fluorophenol
 Concen: 136.486 ng
 RT: 5.540 min Scan# 417
 Delta R.T. 0.006 min
 Lab File: BP005746.D
 Acq: 07 Jun 2021 17:14

Tgt Ion:	112	Resp:	1038638
Ion	Ratio	Lower	Upper
112	100		
64	51.6	33.6	50.4#
63	28.9	18.6	27.8#

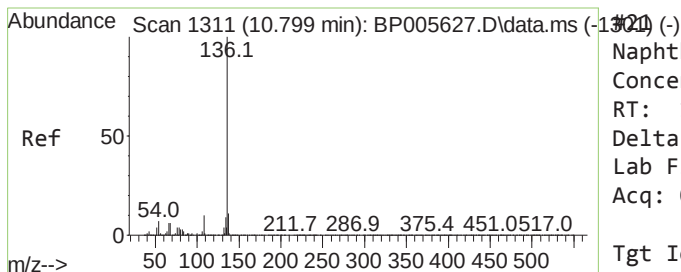
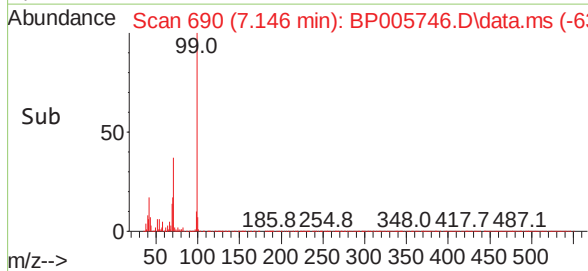
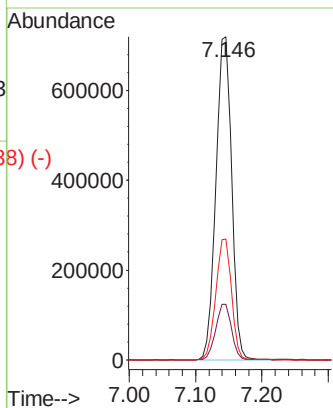
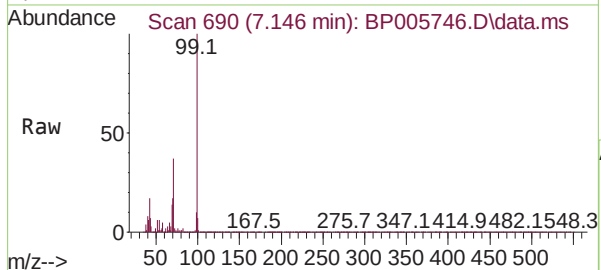




Phenol-d6
Concen: 112.900 ng
RT: 7.146 min Scan# 690
Delta R.T. 0.006 min
Lab File: BP005746.D
Acq: 07 Jun 2021 17:14

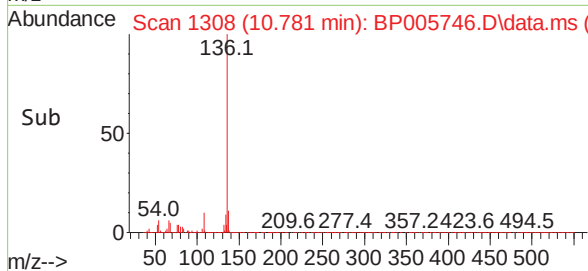
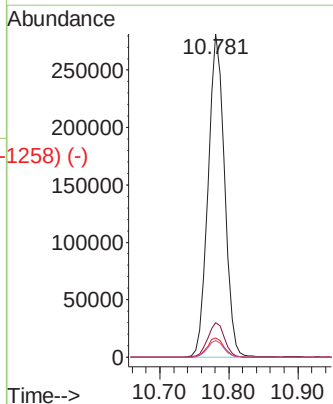
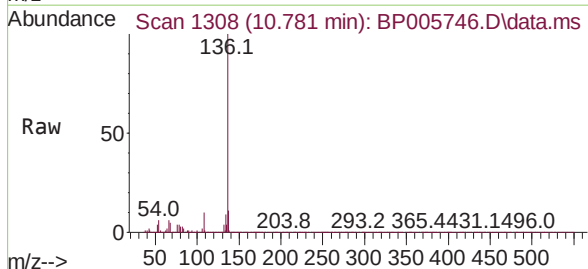
Instrument :
BNA_P
ClientSampleId :
18-B2(2-4)

Tgt Ion:	99	Resp:	1171225
Ion	Ratio	Lower	Upper
99	100		
42	17.2	12.9	19.3
71	37.3	26.7	40.1

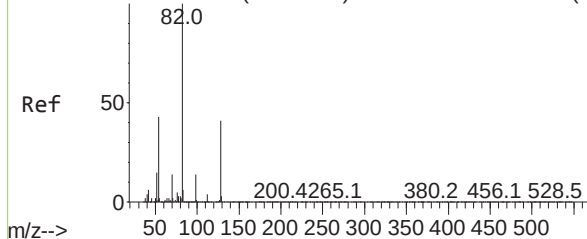


Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BP005746.D
Acq: 07 Jun 2021 17:14

Tgt Ion:	136	Resp:	465046
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.0	5.0	7.4
68	5.1	3.7	5.5



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

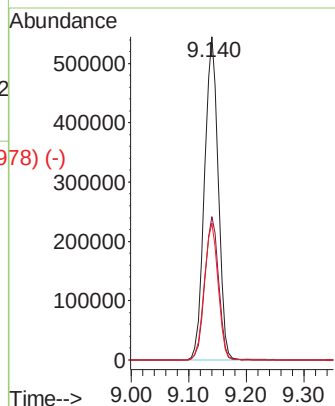
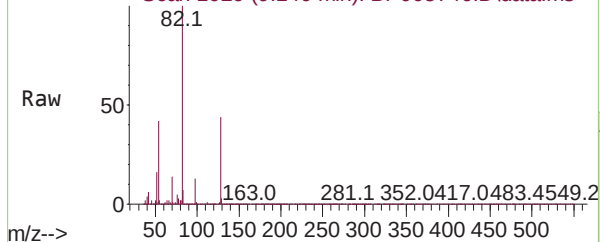


Nitrobenzene-d5
Concen: 108.439 ng
RT: 9.140 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BP005746.D
Acq: 07 Jun 2021 17:14

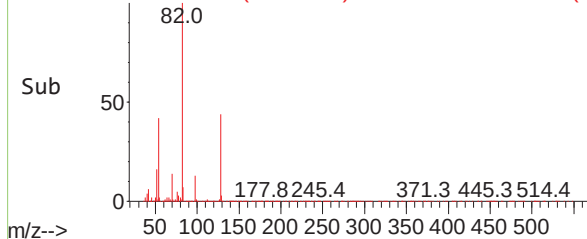
Tgt Ion:	82	Resp:	906777
Ion	Ratio	Lower	Upper
82	100		
128	44.4	30.5	45.7
54	42.3	33.9	50.9

Instrument :
BNA_P
ClientSampleId :
18-B2(2-4)

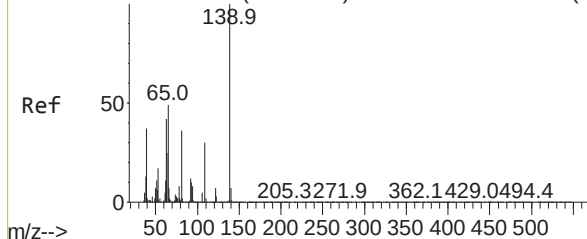
Abundance Scan 1029 (9.140 min): BP005746.D\data.ms



Abundance Scan 1029 (9.140 min): BP005746.D\data.ms (-978) (-)



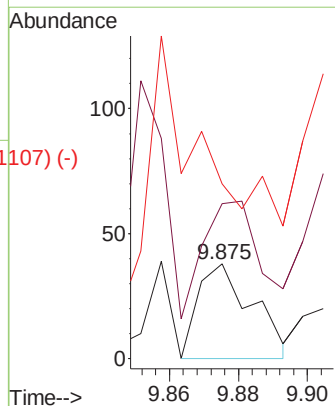
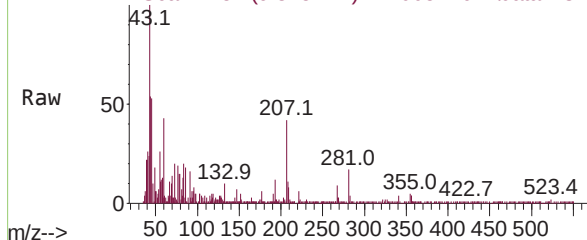
Abundance Scan 1160 (9.911 min): BP005627.D\data.ms (-1140-)



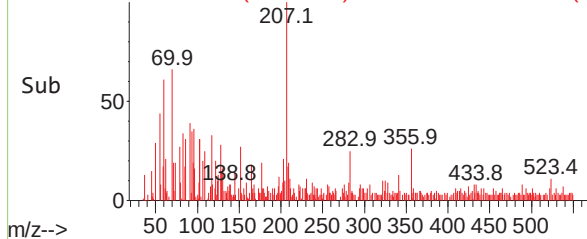
2-Nitrophenol
Concen: 4.167 ng
RT: 9.875 min Scan# 1154
Delta R.T. -0.023 min
Lab File: BP005746.D
Acq: 07 Jun 2021 17:14

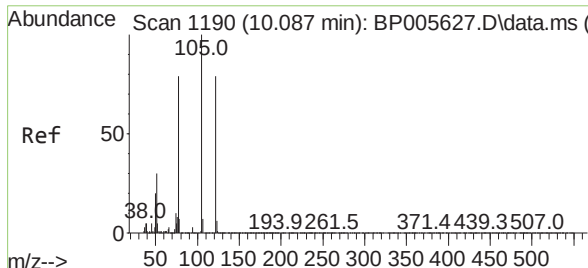
Tgt Ion:	139	Resp:	42
Ion	Ratio	Lower	Upper
139	100		
109	163.2	40.7	61.1#
65	184.2	47.8	71.6#

Abundance Scan 1154 (9.875 min): BP005746.D\data.ms



Abundance Scan 1154 (9.875 min): BP005746.D\data.ms (-1107) (-)

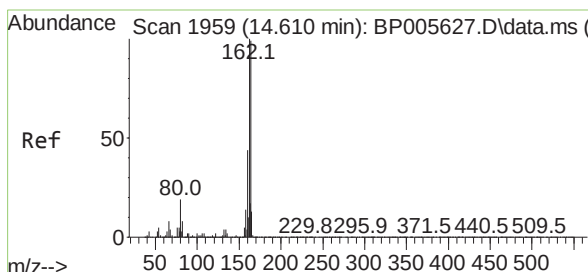
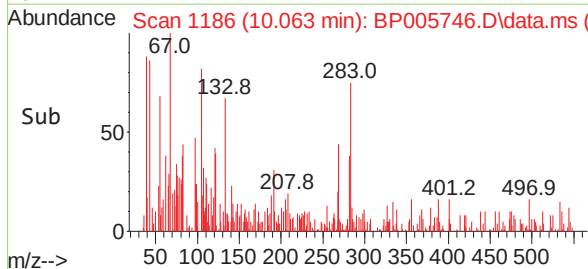
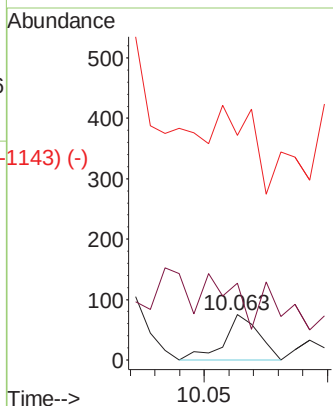
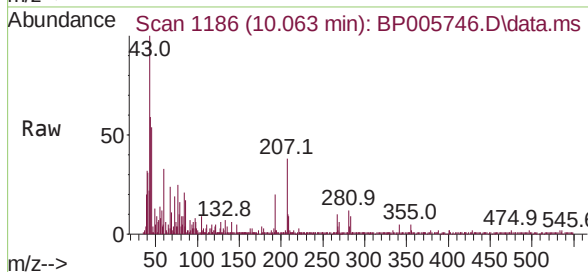




Benzoic acid
 Concen: 5.030 ng
 RT: 10.063 min Scan# 1186
 Delta R.T. -0.047 min
 Lab File: BP005746.D
 Acq: 07 Jun 2021 17:14

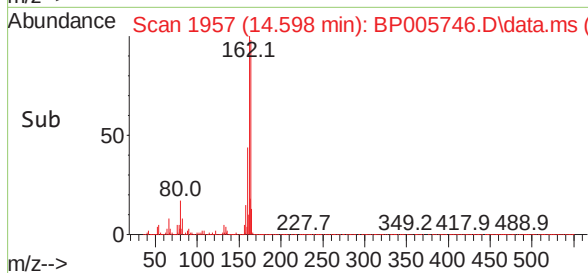
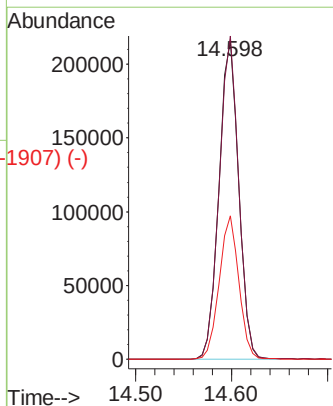
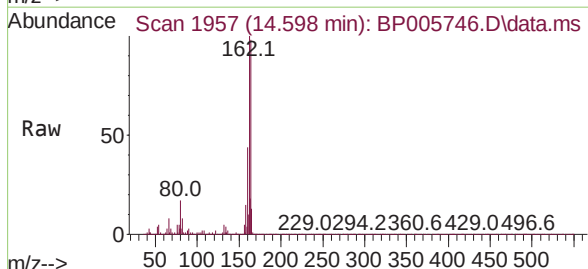
Instrument :
 BNA_P
 ClientSampleId :
 18-B2(2-4)

Tgt Ion:	122	Resp:	74
Ion	Ratio	Lower	Upper
122	100		
105	160.8	105.1	145.1#
77	470.9	69.6	109.6#

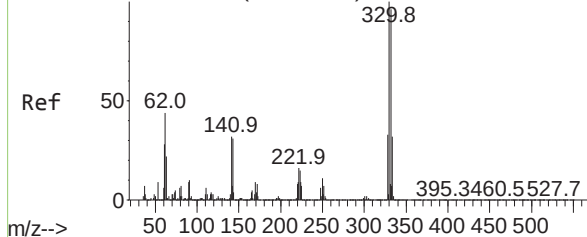


Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.598 min Scan# 1957
 Delta R.T. -0.006 min
 Lab File: BP005746.D
 Acq: 07 Jun 2021 17:14

Tgt Ion:	164	Resp:	308982
Ion	Ratio	Lower	Upper
164	100		
162	101.6	73.5	110.3
160	45.1	40.6	61.0



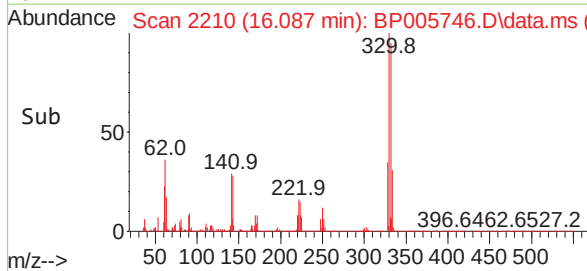
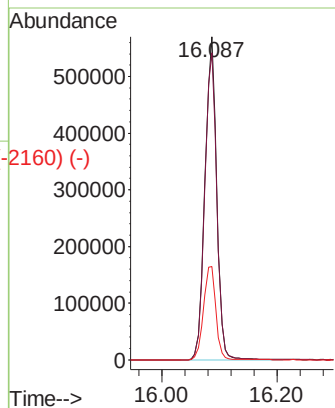
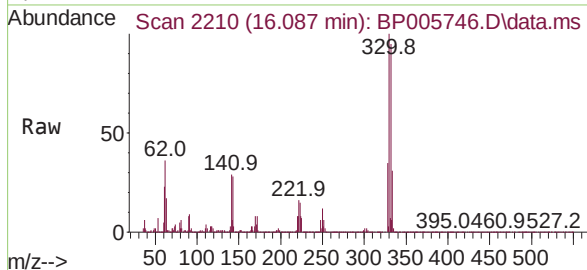
Abundance Scan 2211 (16.093 min): BP005627.D\data.ms (-2160) (-)



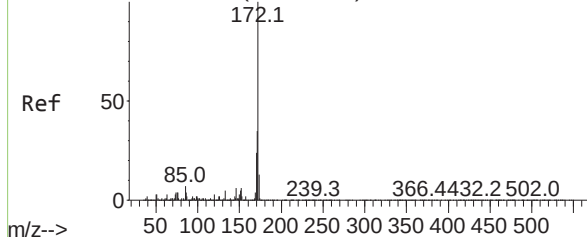
2,4,6-Tribromophenol
Concen: 205.555 ng
RT: 16.087 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BP005746.D
Acq: 07 Jun 2021 17:14

Instrument :
BNA_P
ClientSampleId :
18-B2(2-4)

Tgt Ion:	330	Resp:	814420
Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.3	114.5
141	30.4	22.8	34.2

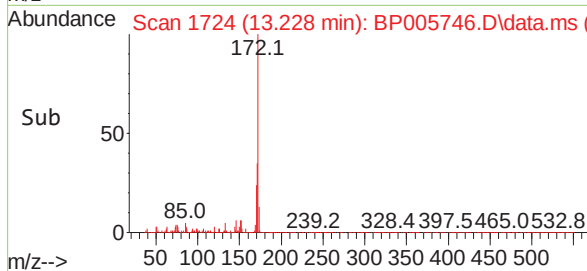
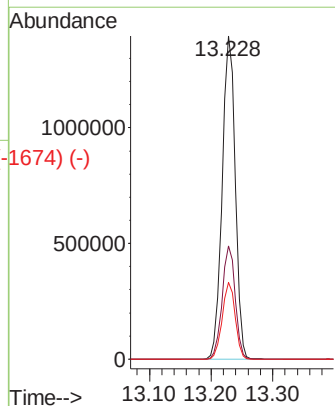
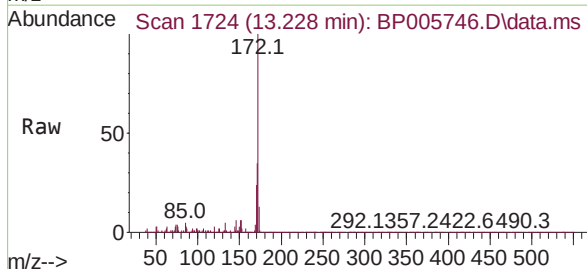


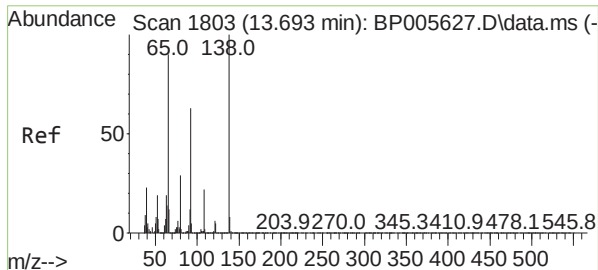
Abundance Scan 1726 (13.240 min): BP005627.D\data.ms (-1715) (-)



2-Fluorobiphenyl
Concen: 88.229 ng
RT: 13.228 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP005746.D
Acq: 07 Jun 2021 17:14

Tgt Ion:	172	Resp:	2059910
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.8	19.6	29.4

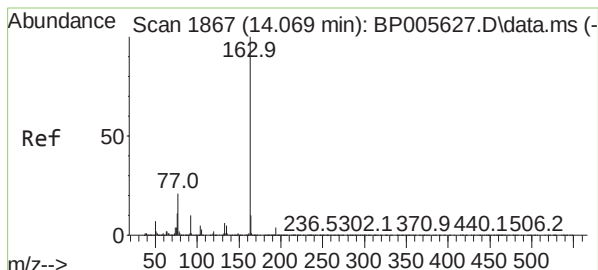
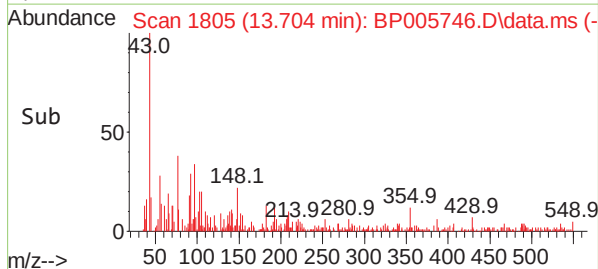
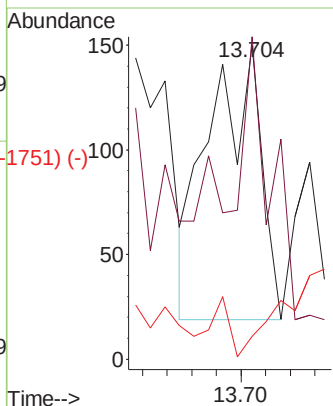
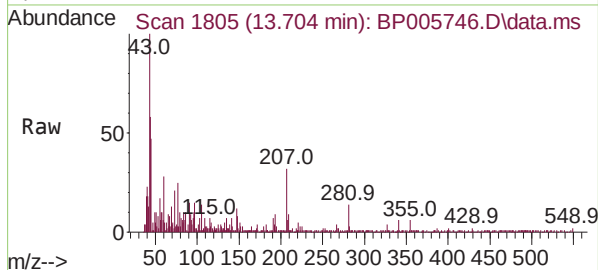




2-Nitroaniline
Concen: 4.523 ng
RT: 13.704 min Scan# 1805
Delta R.T. 0.018 min
Lab File: BP005746.D
Acq: 07 Jun 2021 17:14

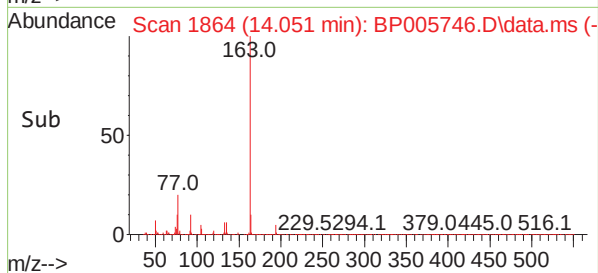
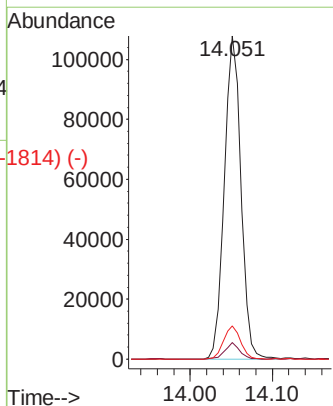
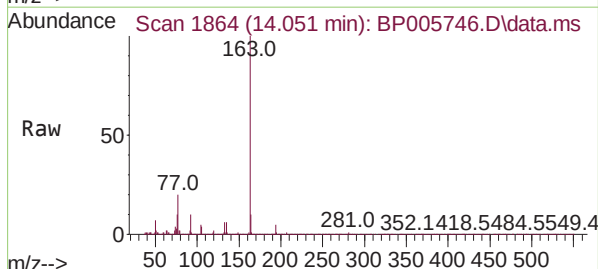
Instrument :
BNA_P
ClientSampleID :
18-B2(2-4)

Tgt Ion:	65	Resp:	191
Ion	Ratio	Lower	Upper
65	100		
92	102.7	48.8	73.2#
138	7.3	69.5	104.3#

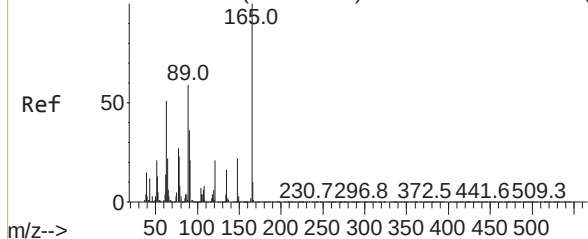


Dimethylphthalate
Concen: 6.192 ng
RT: 14.051 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BP005746.D
Acq: 07 Jun 2021 17:14

Tgt Ion:	163	Resp:	152187
Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.9	5.9
164	10.2	8.1	12.1



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

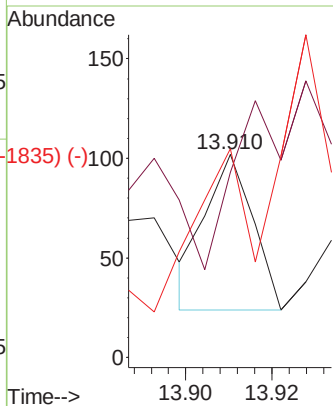
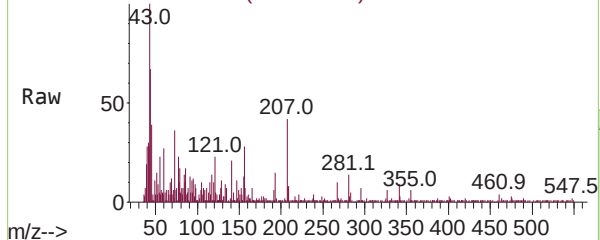


2,6-Dinitrotoluene
Concen: 5.068 ng
RT: 13.910 min Scan# 1840
Delta R.T. -0.270 min
Lab File: BP005746.D
Acq: 07 Jun 2021 17:14

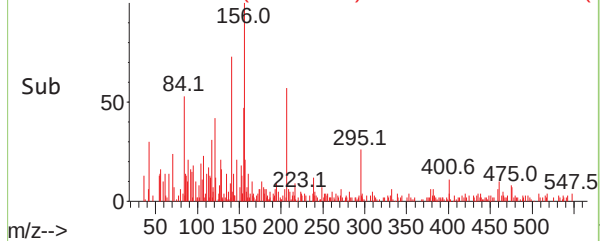
Instrument :
BNA_P
ClientSampleId :
18-B2(2-4)

Tgt Ion:165 Resp: 59
Ion Ratio Lower Upper
165 100
63 91.2 67.4 101.0
89 102.9 73.8 110.6

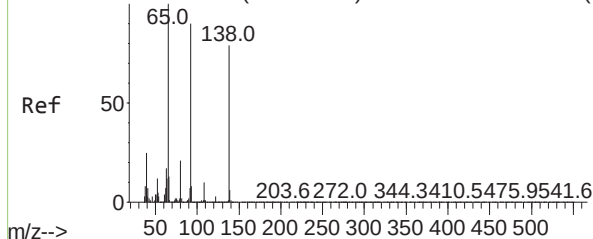
Abundance Scan 1840 (13.910 min): BP005746.D\data.ms



Abundance Scan 1840 (13.910 min): BP005746.D\data.ms (-1835) (-)



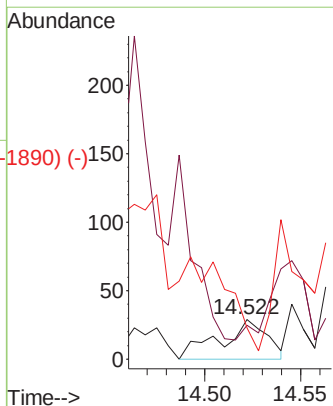
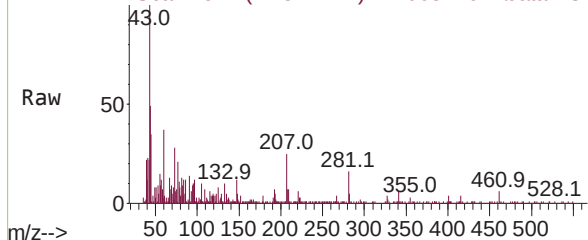
Abundance Scan 1942 (14.510 min): BP005627.D\data.ms (-1835) (-)



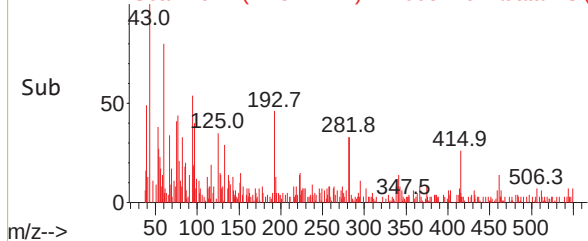
3-Nitroaniline
Concen: 3.661 ng
RT: 14.522 min Scan# 1944
Delta R.T. 0.018 min
Lab File: BP005746.D
Acq: 07 Jun 2021 17:14

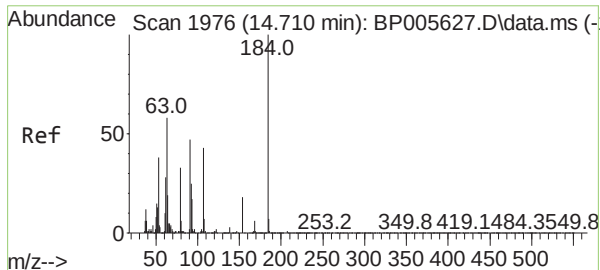
Tgt Ion:138 Resp: 49
Ion Ratio Lower Upper
138 100
108 86.2 10.2 15.4#
92 79.3 108.1 162.1#

Abundance Scan 1944 (14.522 min): BP005746.D\data.ms



Abundance Scan 1944 (14.522 min): BP005746.D\data.ms (-1890) (-)

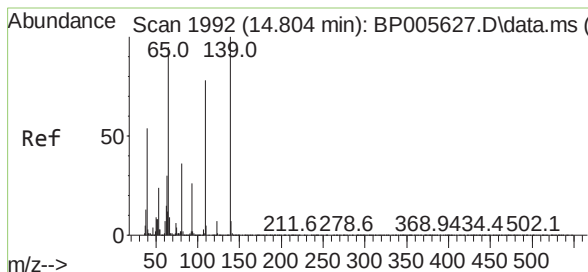
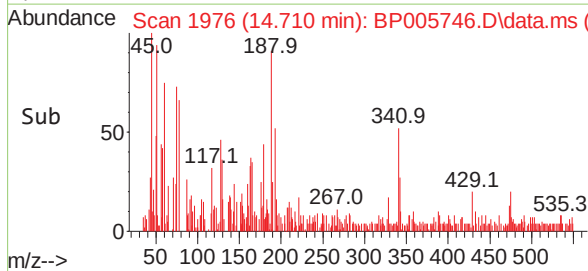
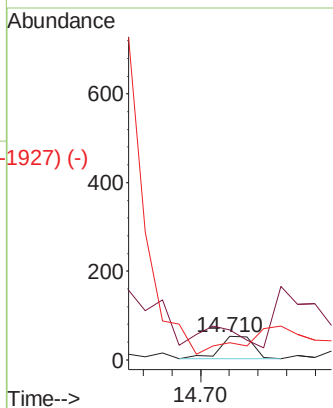
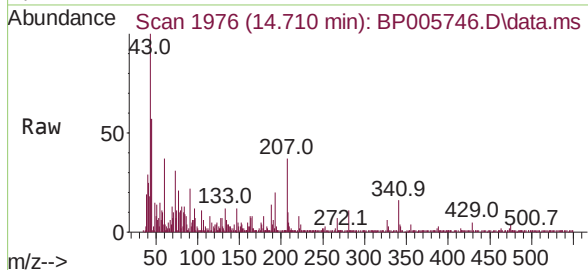




2,4-Dinitrophenol
Concen: 6.543 ng
RT: 14.710 min Scan# 1976
Delta R.T. -0.012 min
Lab File: BP005746.D
Acq: 07 Jun 2021 17:14

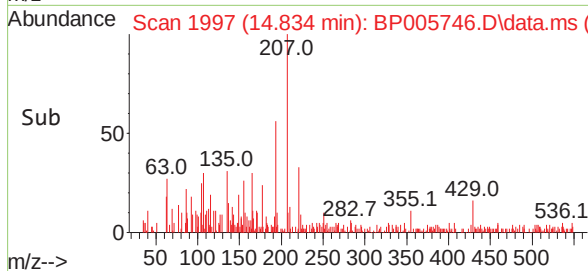
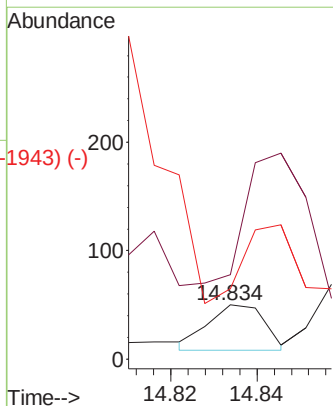
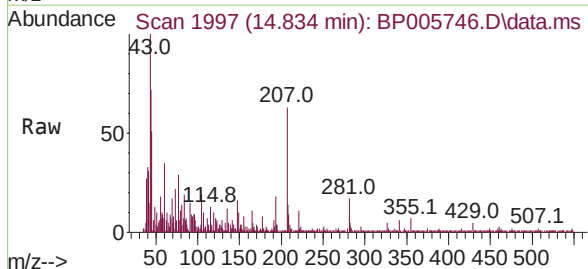
Instrument :
BNA_P
ClientSampleId :
18-B2(2-4)

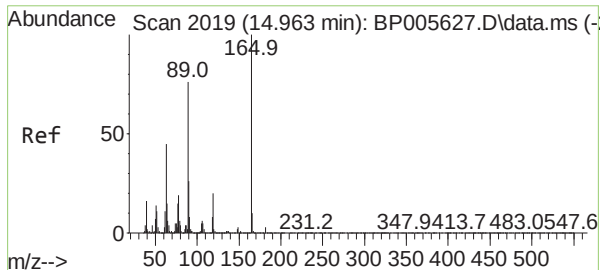
Tgt Ion:	184	Resp:	40
Ion	Ratio	Lower	Upper
184	100		
63	126.4	51.2	76.8#
154	71.7	55.8	83.8



4-Nitrophenol
Concen: 3.752 ng
RT: 14.834 min Scan# 1997
Delta R.T. 0.018 min
Lab File: BP005746.D
Acq: 07 Jun 2021 17:14

Tgt Ion:	139	Resp:	38
Ion	Ratio	Lower	Upper
139	100		
109	156.0	122.8	162.8
65	130.0	110.0	150.0

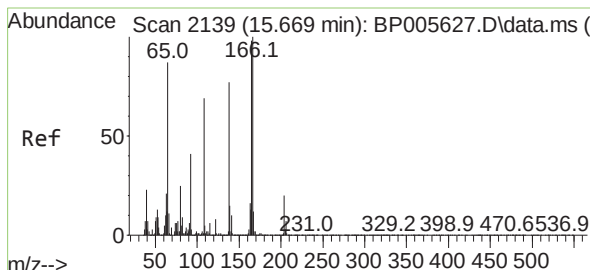
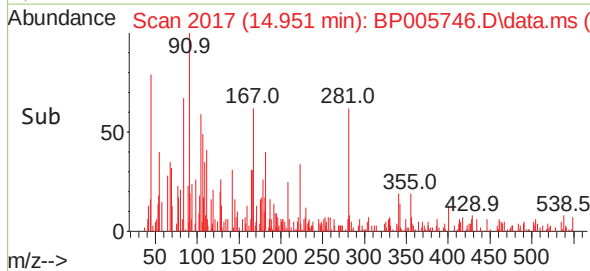
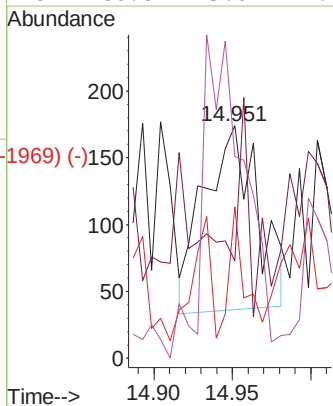
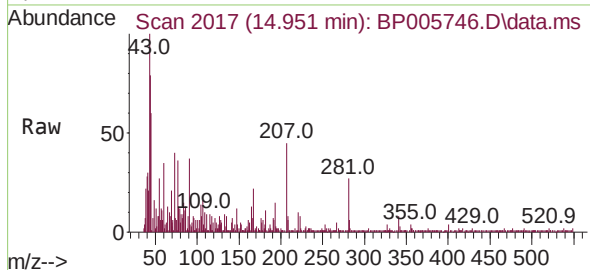




2,4-Dinitrotoluene
Concen: 4.305 ng
RT: 14.951 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BP005746.D
Acq: 07 Jun 2021 17:14

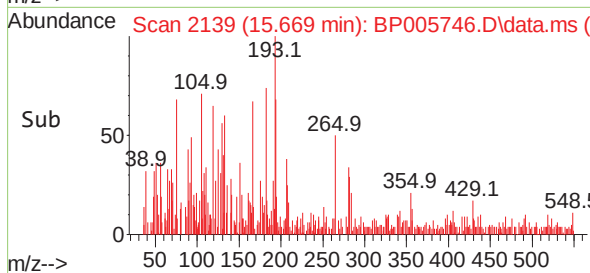
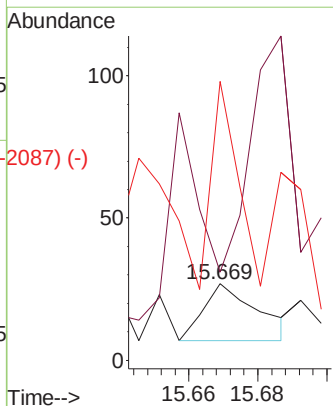
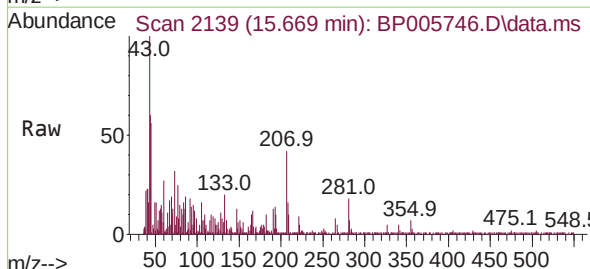
Instrument :
BNA_P
ClientSampleId :
18-B2(2-4)

Tgt Ion:	165	Resp:	329
Ion	Ratio	Lower	Upper
165	100		
63	42.0	56.7	85.1#
89	64.9	85.8	128.6#
182	86.8	3.0	4.6#

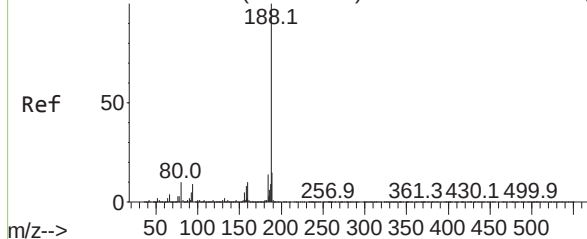


4-Nitroaniline
Concen: 3.634 ng
RT: 15.669 min Scan# 2139
Delta R.T. 0.006 min
Lab File: BP005746.D
Acq: 07 Jun 2021 17:14

Tgt Ion:	138	Resp:	22
Ion	Ratio	Lower	Upper
138	100		
92	114.8	50.9	90.9#
108	363.0	154.7	194.7#



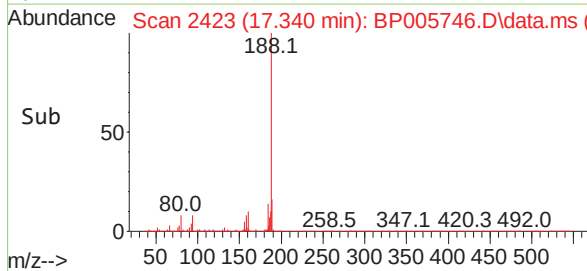
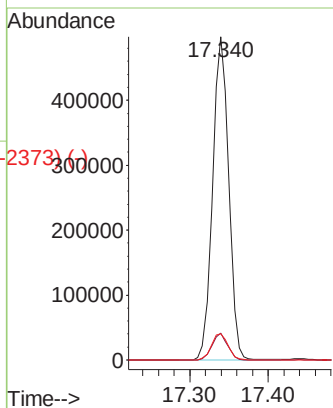
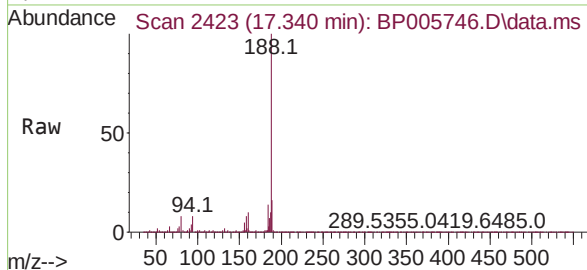
Abundance Scan 2425 (17.351 min): BP005627.D\data.ms (-2454) (-)



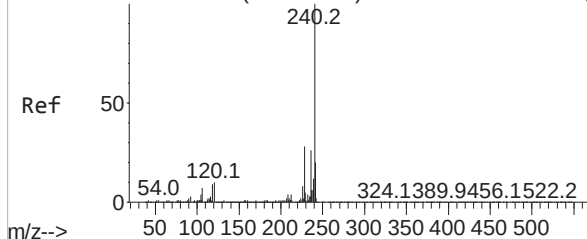
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.340 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP005746.D
Acq: 07 Jun 2021 17:14

Instrument :
BNA_P
ClientSampleId :
18-B2(2-4)

Tgt Ion:188 Resp: 709028
Ion Ratio Lower Upper
188 100
94 8.2 5.0 7.6#
80 8.0 5.9 8.9

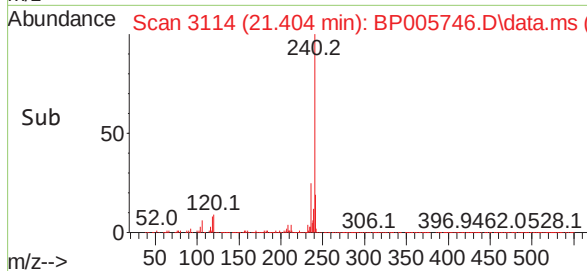
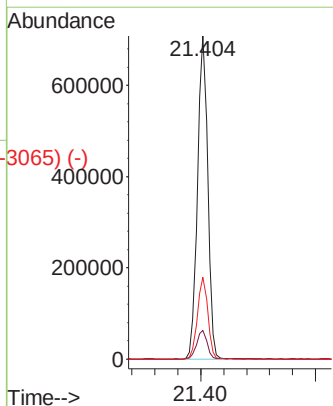
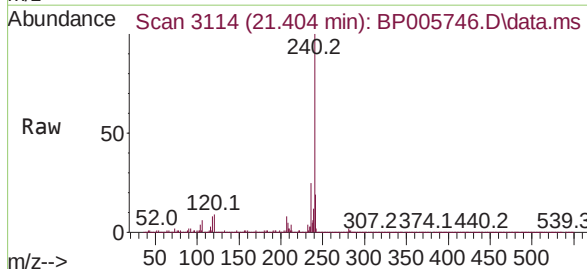


Abundance Scan 3117 (21.422 min): BP005627.D\data.ms (-3105) (-)

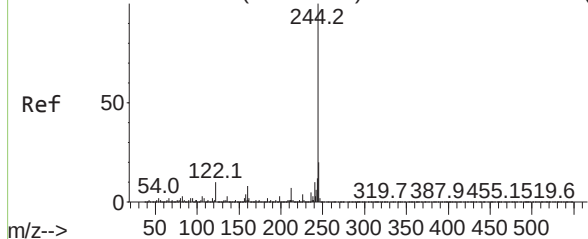


Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP005746.D
Acq: 07 Jun 2021 17:14

Tgt Ion:240 Resp: 872577
Ion Ratio Lower Upper
240 100
120 8.8 4.2 6.2#
236 25.4 20.2 30.2



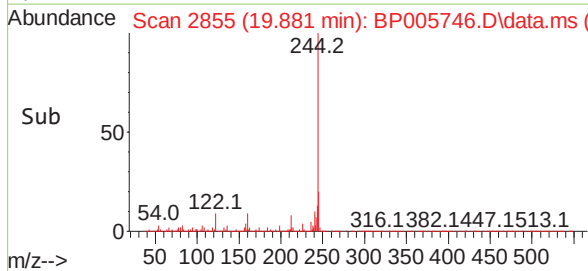
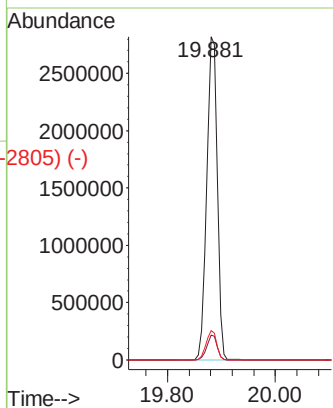
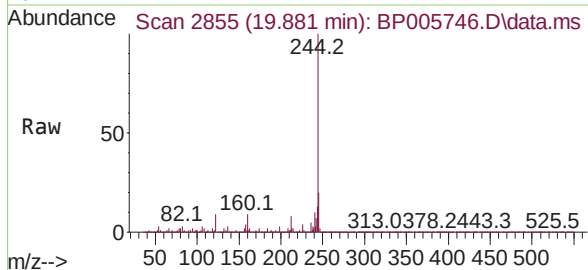
Abundance Scan 2858 (19.898 min): BP005627.D\data.ms (-2879) (-)



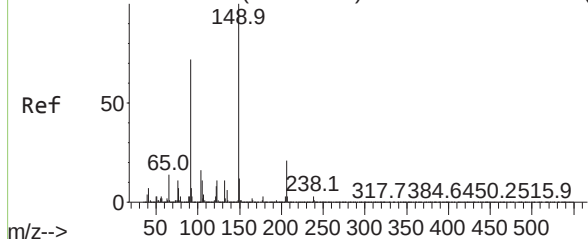
Terphenyl-d14
Concen: 81.475 ng
RT: 19.881 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BP005746.D
Acq: 07 Jun 2021 17:14

Instrument :
BNA_P
ClientSampleId :
18-B2(2-4)

Tgt Ion:244 Resp: 3788713
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 9.1 5.2 7.8#

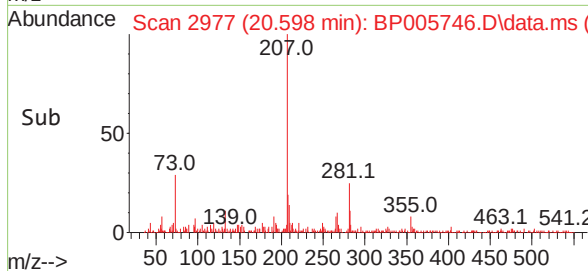
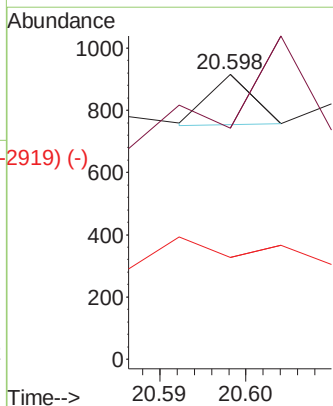
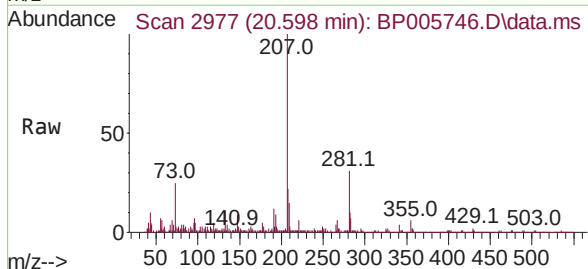


Abundance Scan 2972 (20.569 min): BP005627.D\data.ms (-2980) (-)

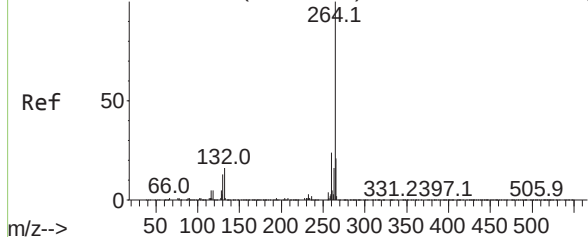


Butylbenzylphthalate
Concen: 4.133 ng
RT: 20.598 min Scan# 2977
Delta R.T. 0.041 min
Lab File: BP005746.D
Acq: 07 Jun 2021 17:14

Tgt Ion:149 Resp: 58
Ion Ratio Lower Upper
149 100
91 81.0 60.2 90.4
206 35.7 23.9 35.9



Abundance Scan 3532 (23.863 min): BP005627.D\data.ms (-3479.6)



Perylene-d12
Concen: 20.000 ng
RT: 23.833 min Scan# 3527
Delta R.T. -0.018 min
Lab File: BP005746.D
Acq: 07 Jun 2021 17:14

Instrument :
BNA_P
ClientSampleId :
18-B2(2-4)

Tgt Ion:264 Resp: 1021880

Ion	Ratio	Lower	Upper
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264	100		
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260	23.4	20.6	30.8
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265	22.3	19.0	28.6
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