

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
 Data File : BP005776.D
 Acq On : 08 Jun 2021 12:09
 Operator : CG/JU
 Sample : M2589-37
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FOUNDATION-EXCAVATION-SAMP

Quant Time: Jun 08 13:18:33 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)

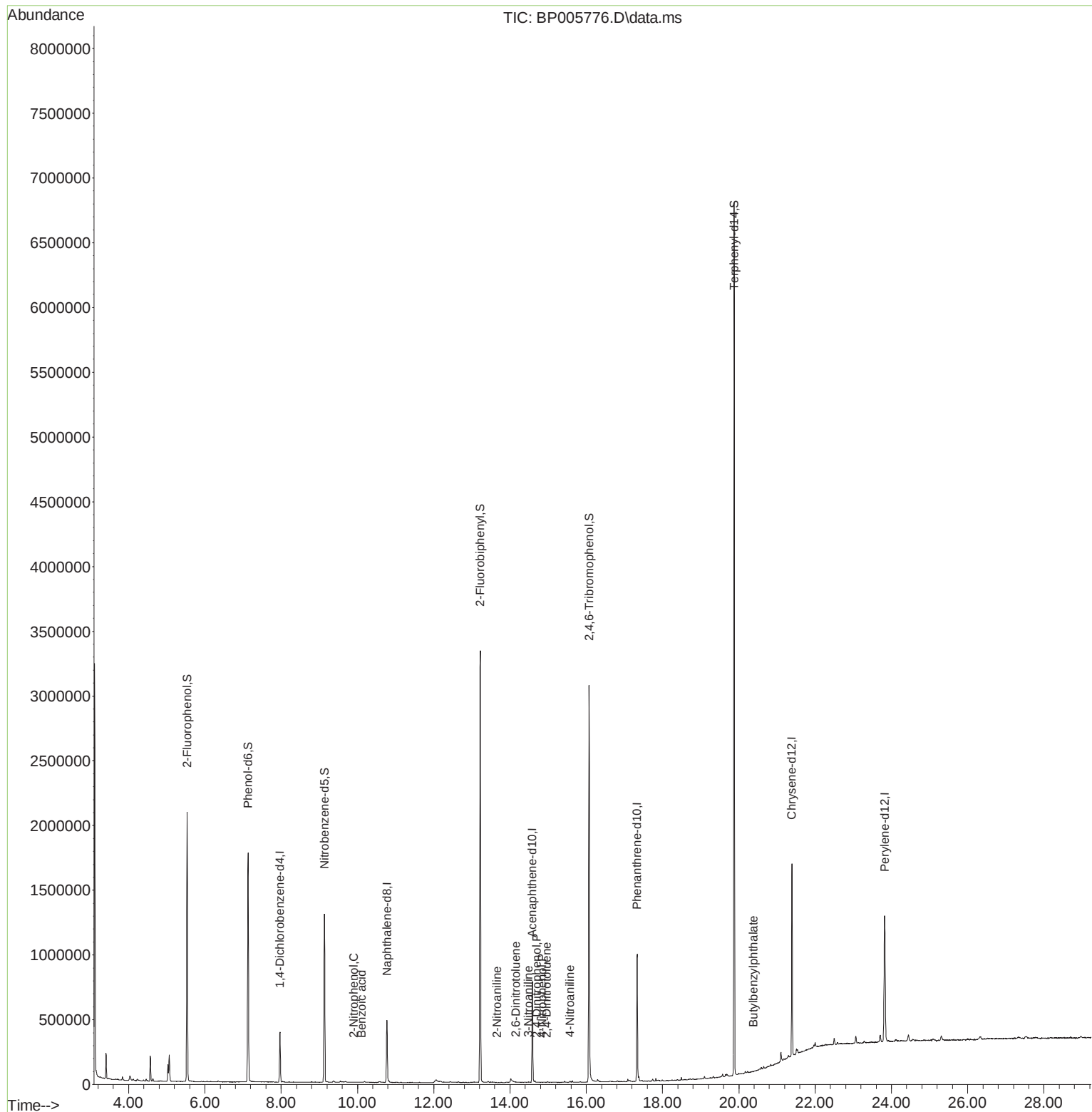
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	106633	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	405383	20.000	ng	-0.01
39) Acenaphthene-d10	14.587	164	261822	20.000	ng	-0.02
64) Phenanthrene-d10	17.334	188	603671	20.000	ng	-0.01
76) Chrysene-d12	21.392	240	729562	20.000	ng	#-0.02
86) Perylene-d12	23.821	264	799508	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	905074	131.961	ng	0.00
7) Phenol-d6	7.134	99	976950	104.487	ng	0.00
23) Nitrobenzene-d5	9.134	82	754768	103.545	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	641425	191.052	ng	-0.02
45) 2-Fluorobiphenyl	13.222	172	1712492	86.561	ng	-0.01
79) Terphenyl-d14	19.875	244	3073810	79.059	ng	-0.01
Target Compounds						
					Qvalue	
26) 2-Nitrophenol	9.904	139	49	4.170	ng	91
32) Benzoic acid	10.104	122	632	5.179	ng	# 69
48) 2-Nitroaniline	13.657	65	20	4.492	ng	# 29
51) 2,6-Dinitrotoluene	14.151	165	107	5.079	ng	# 57
53) 3-Nitroaniline	14.487	138	19	3.657	ng	# 70
54) 2,4-Dinitrophenol	14.704	184	7	6.530	ng	# 1
56) 4-Nitrophenol	14.840	139	47	3.756	ng	# 66
57) 2,4-Dinitrotoluene	14.963	165	131	4.282	ng	# 60
62) 4-Nitroaniline	15.575	138	8	3.632	ng	89
80) Butylbenzylphthalate	20.386	149	265	4.142	ng	93

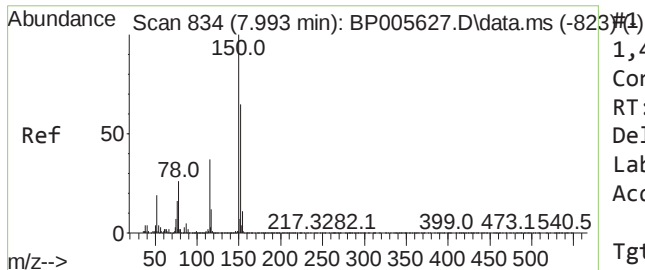
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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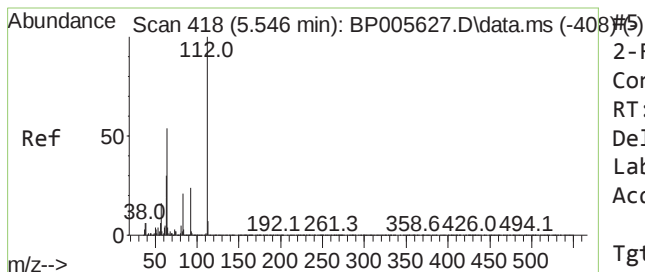
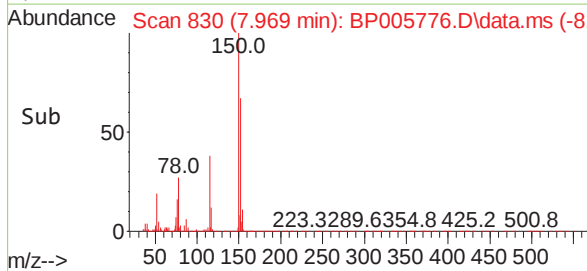
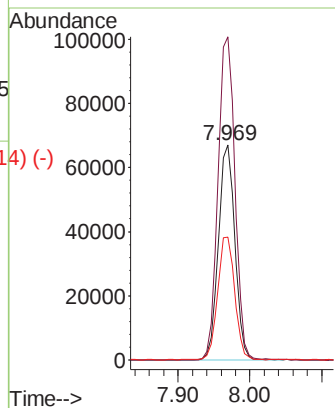
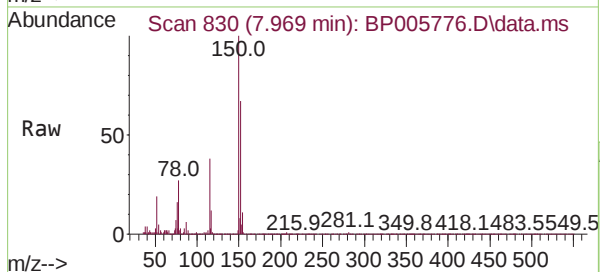




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 830
Delta R.T. -0.006 min
Lab File: BP005776.D
Acq: 08 Jun 2021 12:09

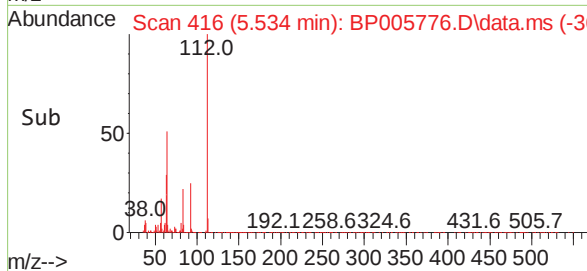
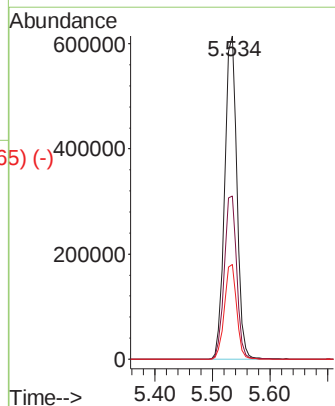
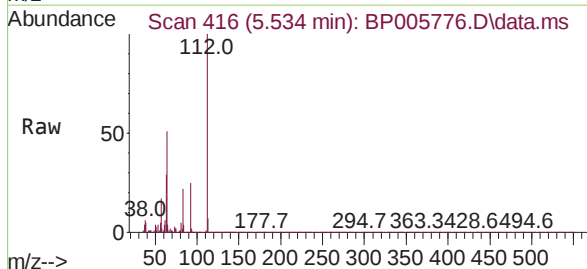
Instrument :
BNA_P
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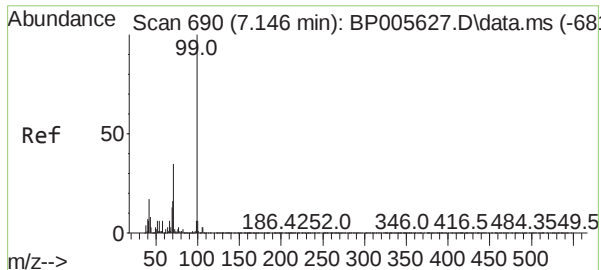
Tgt Ion:152 Resp: 106633
Ion Ratio Lower Upper
152 100
150 150.3 119.8 179.8
115 57.3 49.0 73.4



2-Fluorophenol
Concen: 131.961 ng
RT: 5.534 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP005776.D
Acq: 08 Jun 2021 12:09

Tgt Ion:112 Resp: 905074
Ion Ratio Lower Upper
112 100
64 50.6 33.6 50.4#
63 29.2 18.6 27.8#

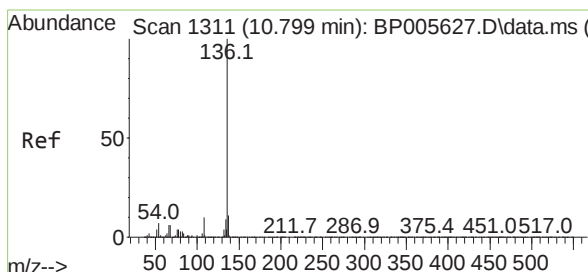
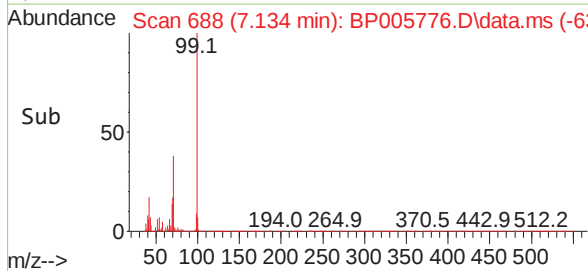
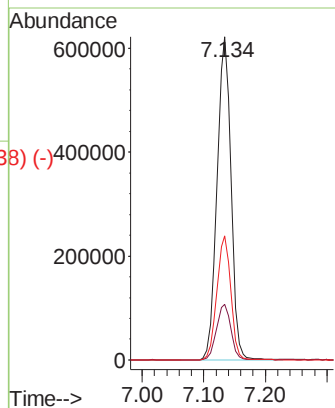
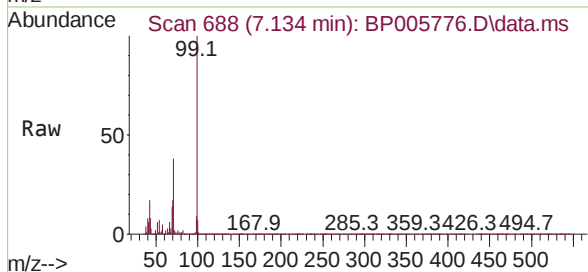




Phenol-d6
 Concen: 104.487 ng
 RT: 7.134 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: BP005776.D
 Acq: 08 Jun 2021 12:09

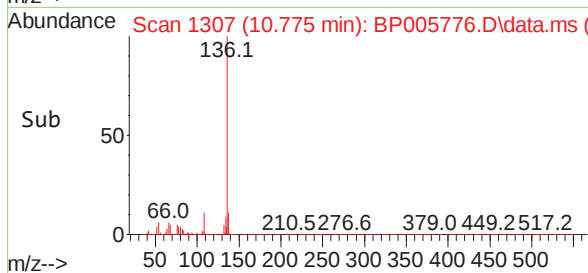
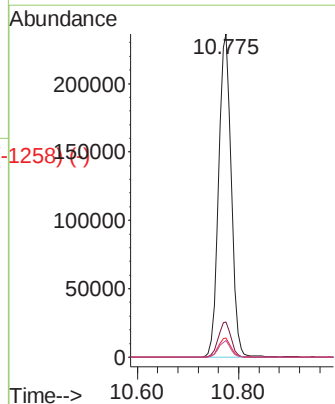
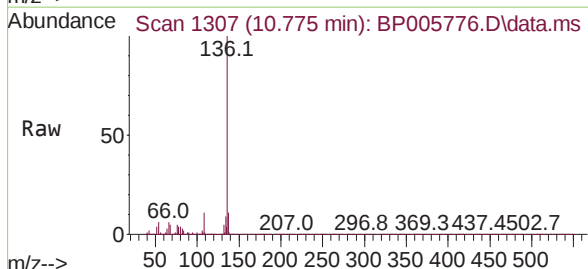
Instrument :
 BNA_P
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 FOUNDATION-EXCAVATION-SAMP

Tgt Ion:	99	Resp:	976950
Ion	Ratio	Lower	Upper
99	100		
42	17.2	12.9	19.3
71	38.3	26.7	40.1

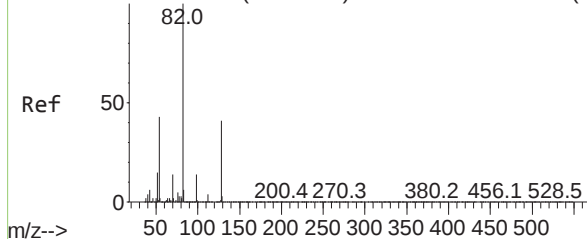


Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.775 min Scan# 1307
 Delta R.T. -0.012 min
 Lab File: BP005776.D
 Acq: 08 Jun 2021 12:09

Tgt Ion:	136	Resp:	405383
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	5.9	5.0	7.4
68	5.1	3.7	5.5



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

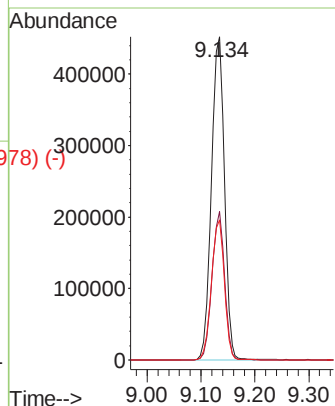
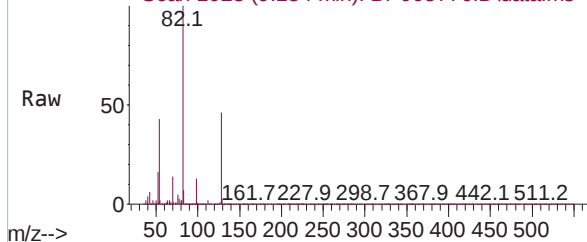


Nitrobenzene-d5
Concen: 103.545 ng
RT: 9.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP005776.D
Acq: 08 Jun 2021 12:09

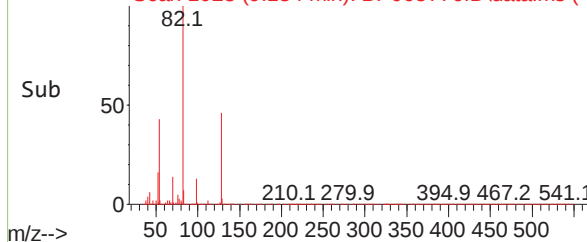
Tgt Ion:	82	Resp:	754768
Ion	Ratio	Lower	Upper
82	100		
128	45.8	30.5	45.7#
54	43.4	33.9	50.9

Instrument :
BNA_P
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

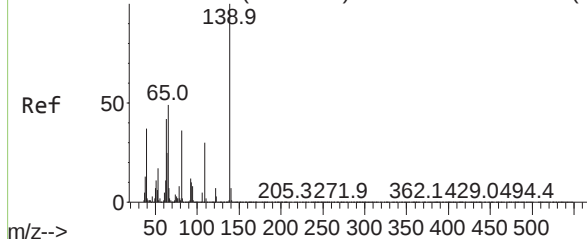
Abundance Scan 1028 (9.134 min): BP005776.D\data.ms



Abundance Scan 1028 (9.134 min): BP005776.D\data.ms (-978) (-)



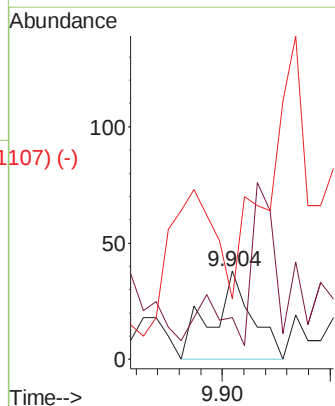
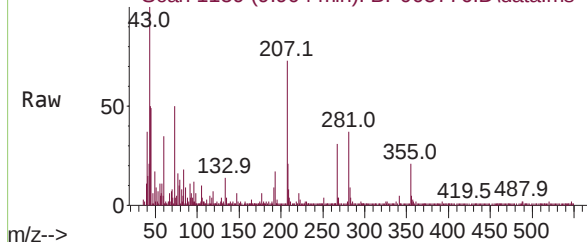
Abundance Scan 1160 (9.911 min): BP005627.D\data.ms (-1142)



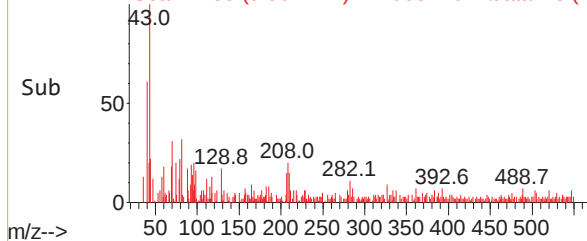
2-Nitrophenol
Concen: 4.170 ng
RT: 9.904 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BP005776.D
Acq: 08 Jun 2021 12:09

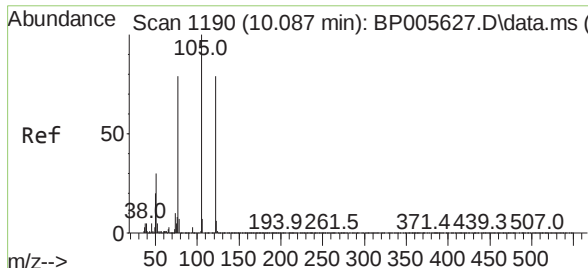
Tgt Ion:	139	Resp:	49
Ion	Ratio	Lower	Upper
139	100		
109	47.4	40.7	61.1
65	68.4	47.8	71.6

Abundance Scan 1159 (9.904 min): BP005776.D\data.ms



Abundance Scan 1159 (9.904 min): BP005776.D\data.ms (-1107) (-)

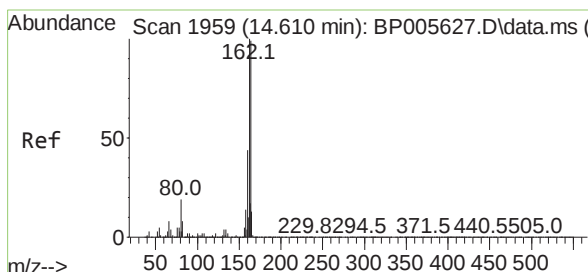
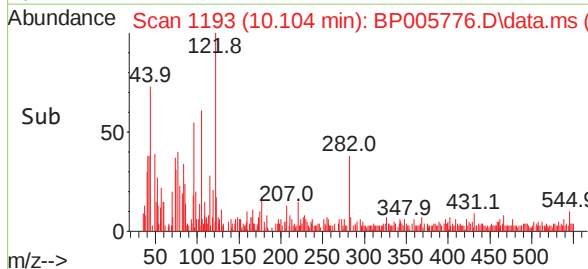
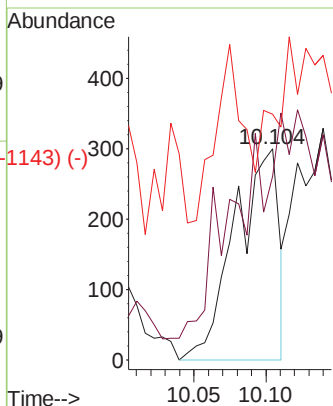
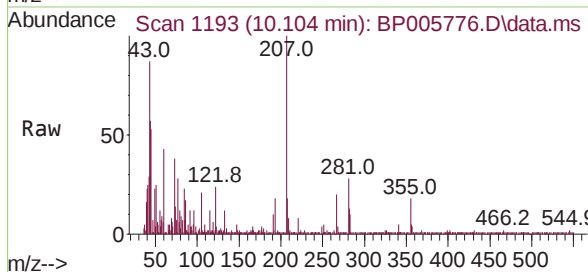




Scan 1190 (10.087 min): BP005627.D\data.ms (-1143) (-)
 Benzoic acid
 Concen: 5.179 ng
 RT: 10.104 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: BP005776.D
 Acq: 08 Jun 2021 12:09

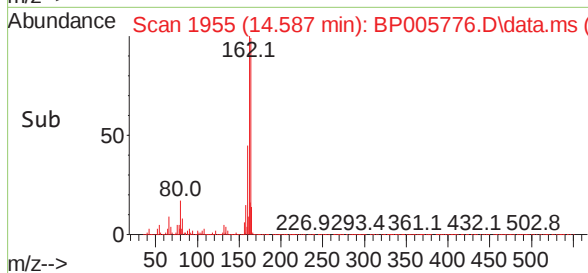
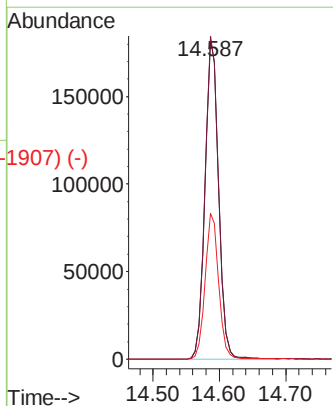
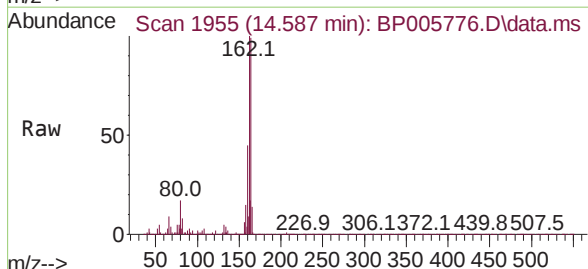
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Tgt Ion:	122	Resp:	632
Ion	Ratio	Lower	Upper
122	100		
105	87.0	105.1	145.1#
77	116.3	69.6	109.6#

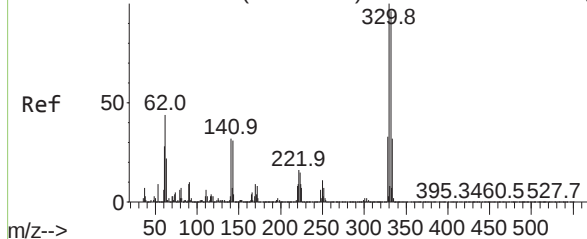


Scan 1959 (14.610 min): BP005627.D\data.ms (-1907) (-)
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.587 min Scan# 1955
 Delta R.T. -0.018 min
 Lab File: BP005776.D
 Acq: 08 Jun 2021 12:09

Tgt Ion:	164	Resp:	261822
Ion	Ratio	Lower	Upper
164	100		
162	101.2	73.5	110.3
160	45.7	40.6	61.0



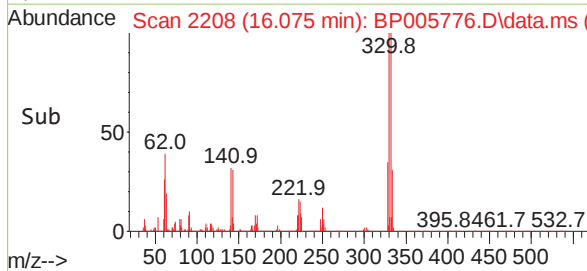
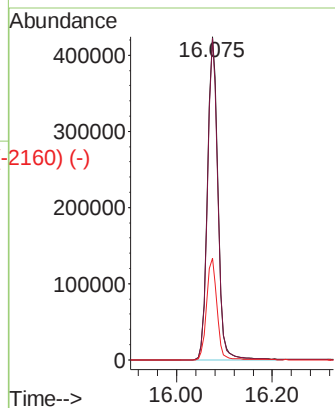
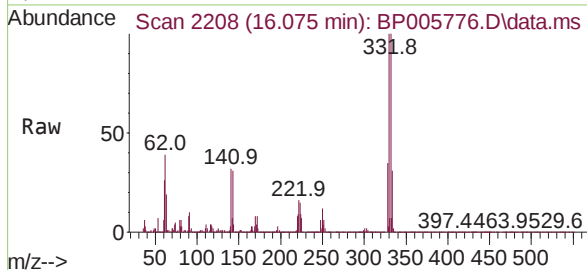
Abundance Scan 2211 (16.093 min): BP005627.D\data.ms (-2160) (-)



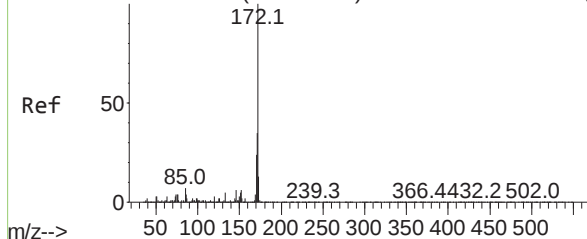
2,4,6-Tribromophenol
Concen: 191.052 ng
RT: 16.075 min Scan# 2208
Delta R.T. -0.018 min
Lab File: BP005776.D
Acq: 08 Jun 2021 12:09

Instrument :
BNA_P
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

Tgt Ion:	330	Resp:	641425
Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.3	114.5
141	31.3	22.8	34.2

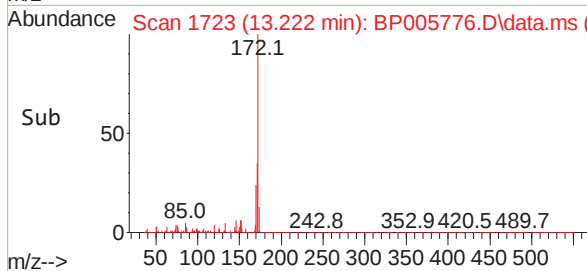
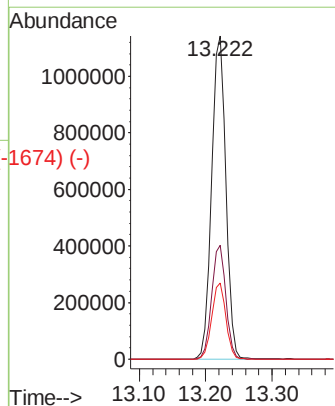
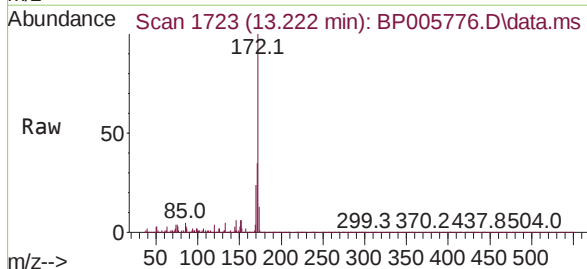


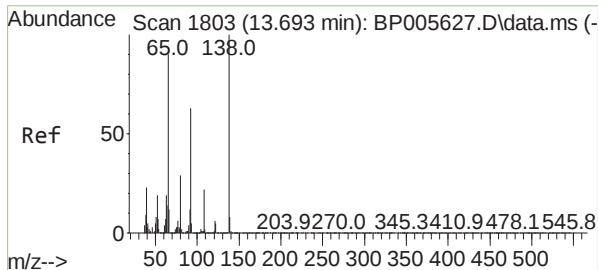
Abundance Scan 1726 (13.240 min): BP005627.D\data.ms (-1715) (-)



2-Fluorobiphenyl
Concen: 86.561 ng
RT: 13.222 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BP005776.D
Acq: 08 Jun 2021 12:09

Tgt Ion:	172	Resp:	1712492
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.1	42.1
170	23.6	19.6	29.4

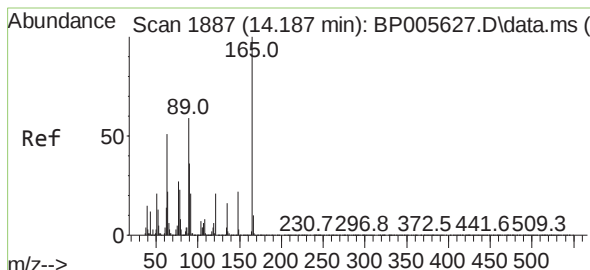
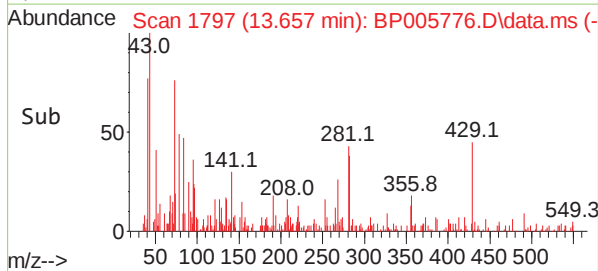
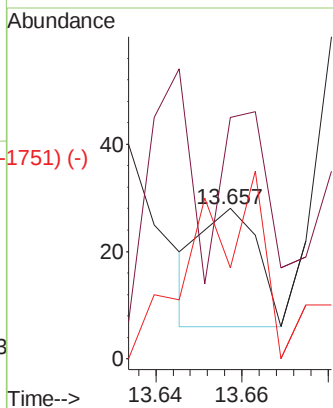
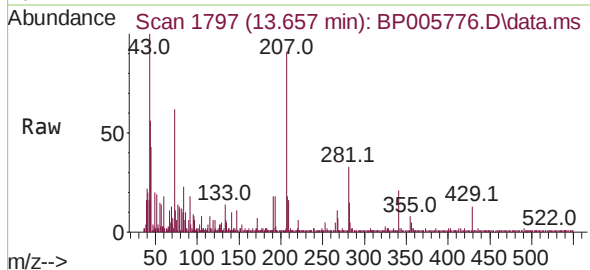




2-Nitroaniline
Concen: 4.492 ng
RT: 13.657 min Scan# 1797
Delta R.T. -0.029 min
Lab File: BP005776.D
Acq: 08 Jun 2021 12:09

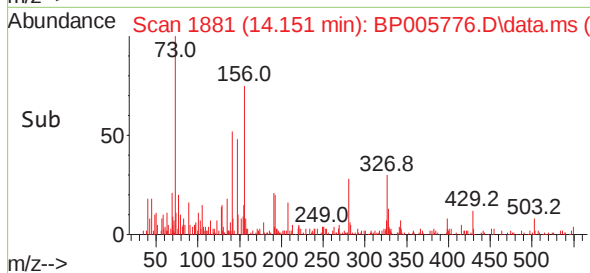
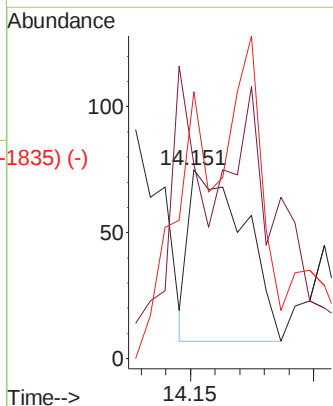
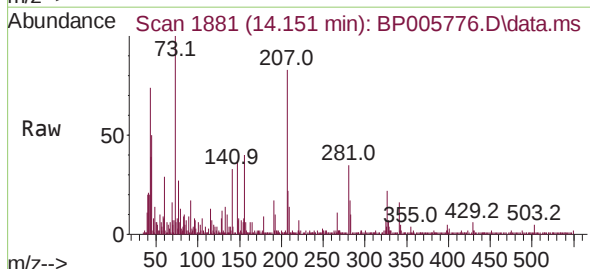
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Tgt Ion:	65	Resp:	20
Ion	Ratio	Lower	Upper
65	100		
92	160.7	48.8	73.2#
138	60.7	69.5	104.3#

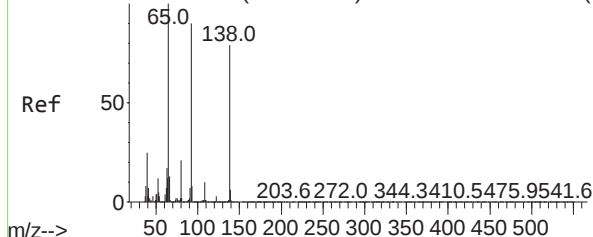


2,6-Dinitrotoluene
Concen: 5.079 ng
RT: 14.151 min Scan# 1881
Delta R.T. -0.029 min
Lab File: BP005776.D
Acq: 08 Jun 2021 12:09

Tgt Ion:	165	Resp:	107
Ion	Ratio	Lower	Upper
165	100		
63	102.7	67.4	101.0#
89	153.3	73.8	110.6#



Abundance Scan 1942 (14.510 min): BP005627.D\data.ms (-1953) (-)

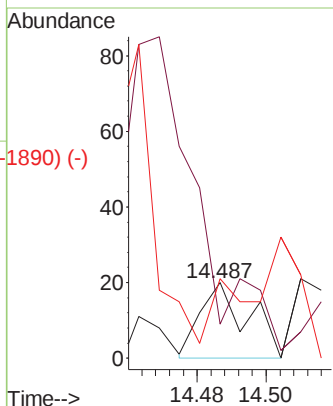
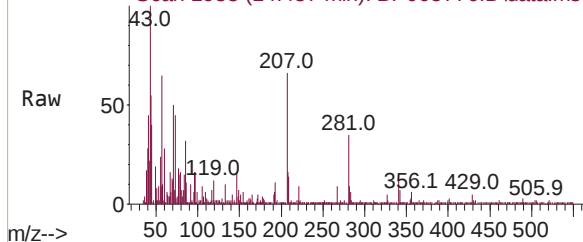


3-Nitroaniline
Concen: 3.657 ng
RT: 14.487 min Scan# 1938
Delta R.T. -0.018 min
Lab File: BP005776.D
Acq: 08 Jun 2021 12:09

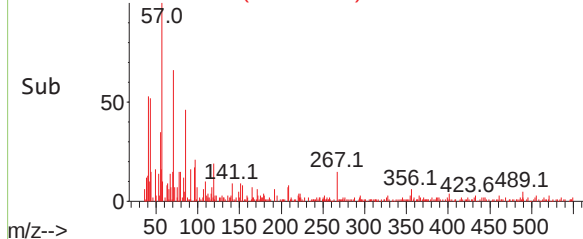
Instrument :
BNA_P
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP

Tgt Ion:138 Resp: 19
Ion Ratio Lower Upper
138 100
108 45.0 10.2 15.4#
92 105.0 108.1 162.1#

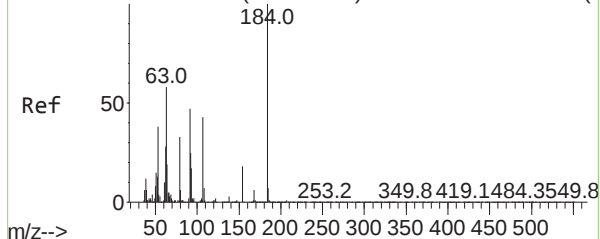
Abundance Scan 1938 (14.487 min): BP005776.D\data.ms



Abundance Scan 1938 (14.487 min): BP005776.D\data.ms (-1890) (-)



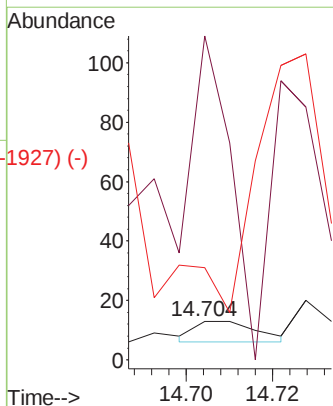
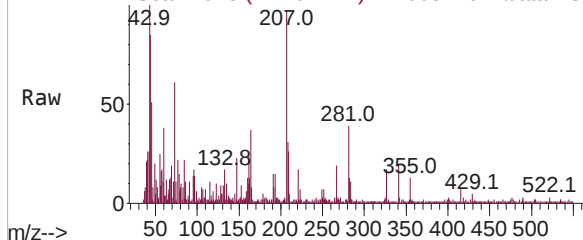
Abundance Scan 1976 (14.710 min): BP005627.D\data.ms (-1956) (-)



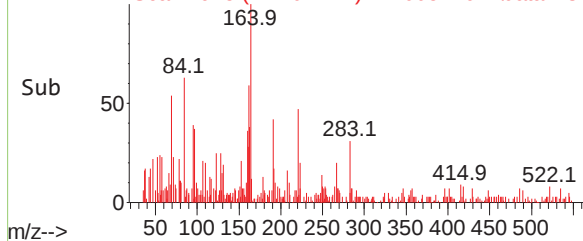
2,4-Dinitrophenol
Concen: 6.530 ng
RT: 14.704 min Scan# 1975
Delta R.T. -0.018 min
Lab File: BP005776.D
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Tgt Ion:184 Resp: 7
Ion Ratio Lower Upper
184 100
63 838.5 51.2 76.8#
154 238.5 55.8 83.8#

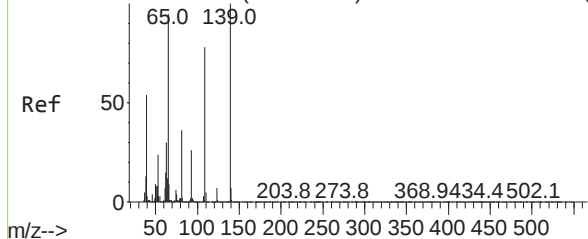
Abundance Scan 1975 (14.704 min): BP005776.D\data.ms



Abundance Scan 1975 (14.704 min): BP005776.D\data.ms (-1927) (-)



Abundance Scan 1992 (14.804 min): BP005627.D\data.ms (-1953) (-)

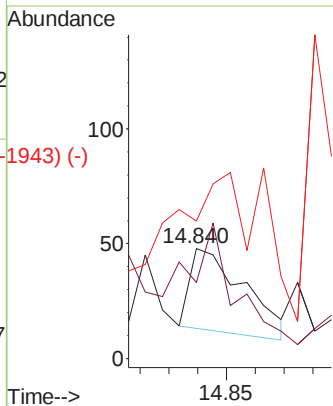
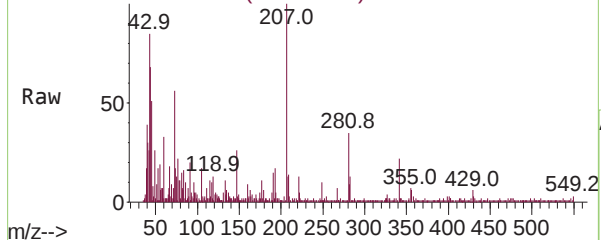


4-Nitrophenol
Concen: 3.756 ng
RT: 14.840 min Scan# 1998
Delta R.T. 0.024 min
Lab File: BP005776.D
Acq: 08 Jun 2021 12:09

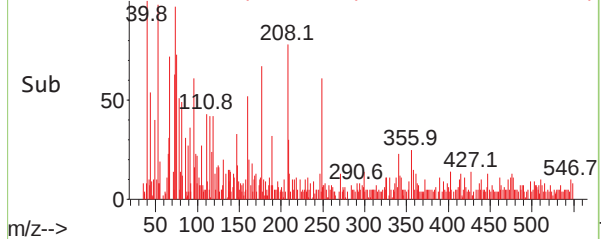
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Tgt Ion:139 Resp: 47
Ion Ratio Lower Upper
139 100
109 68.8 122.8 162.8#
65 125.0 110.0 150.0

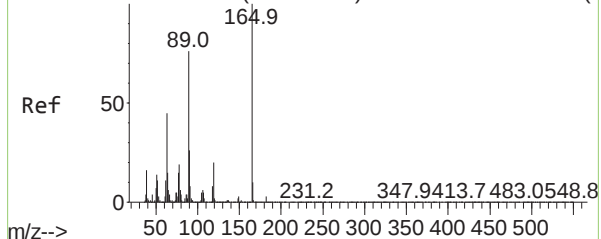
Abundance Scan 1998 (14.840 min): BP005776.D\data.ms



Abundance Scan 1998 (14.840 min): BP005776.D\data.ms (-1943) (-)



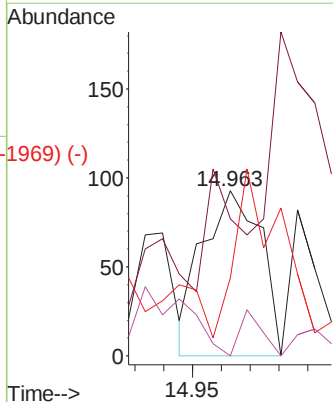
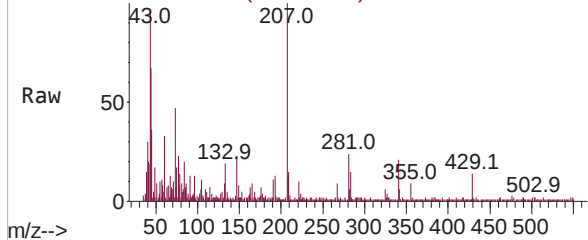
Abundance Scan 2019 (14.963 min): BP005627.D\data.ms (-2069) (-)



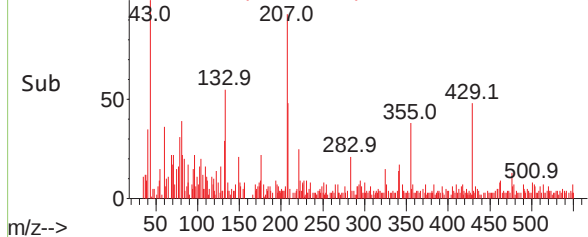
2,4-Dinitrotoluene
Concen: 4.282 ng
RT: 14.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BP005776.D
Acq: 08 Jun 2021 12:09

Tgt Ion:165 Resp: 131
Ion Ratio Lower Upper
165 100
63 82.8 56.7 85.1
89 47.3 85.8 128.6#
182 0.0 3.0 4.6#

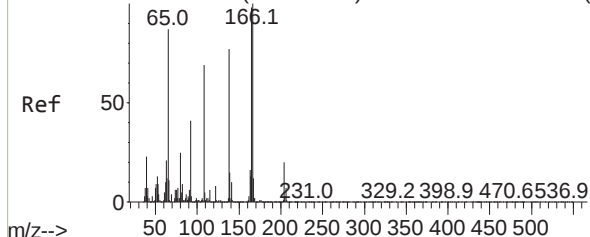
Abundance Scan 2019 (14.963 min): BP005776.D\data.ms



Abundance Scan 2019 (14.963 min): BP005776.D\data.ms (-1969) (-)



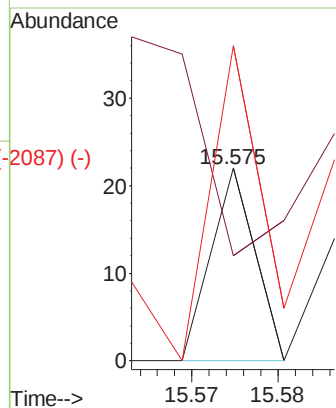
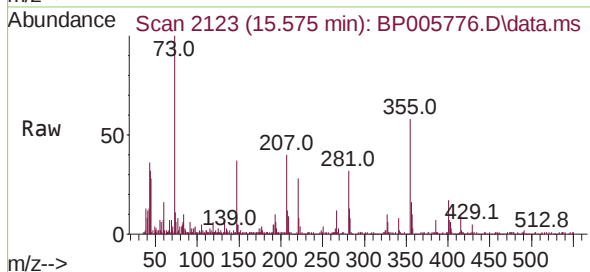
Abundance Scan 2139 (15.669 min): BP005627.D\data.ms (-2139) (-)



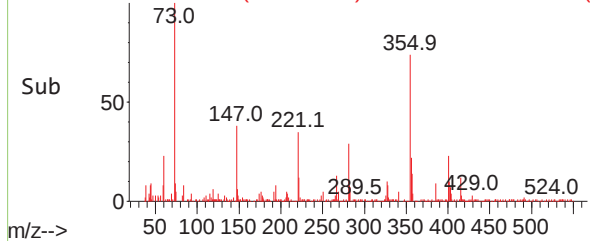
4-Nitroaniline
Concen: 3.632 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.088 min
Lab File: BP005776.D
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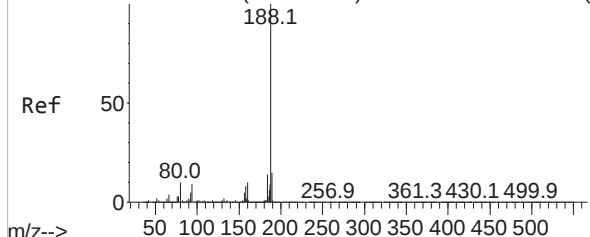
Tgt Ion:138 Resp: 8
Ion Ratio Lower Upper
138 100
92 54.5 50.9 90.9
108 163.6 154.7 194.7



Abundance Scan 2123 (15.575 min): BP005776.D\data.ms (-2087) (-)

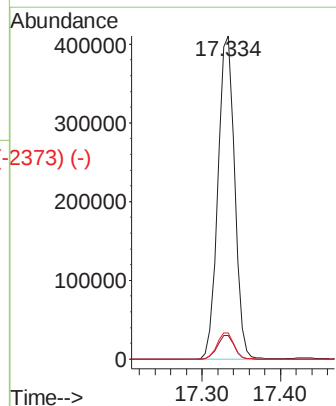
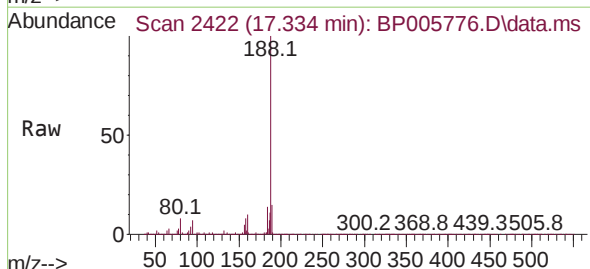


Abundance Scan 2425 (17.351 min): BP005627.D\data.ms (-2425) (-)

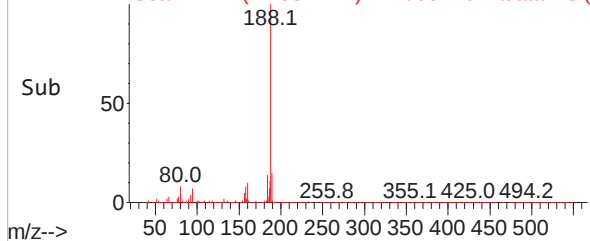


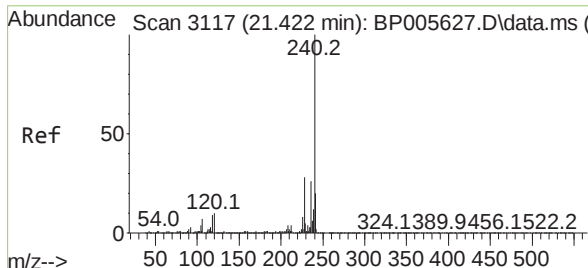
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.334 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP005776.D
Acq: 08 Jun 2021 12:09

Tgt Ion:188 Resp: 603671
Ion Ratio Lower Upper
188 100
94 7.3 5.0 7.6
80 8.1 5.9 8.9



Abundance Scan 2422 (17.334 min): BP005776.D\data.ms (-2373) (-)

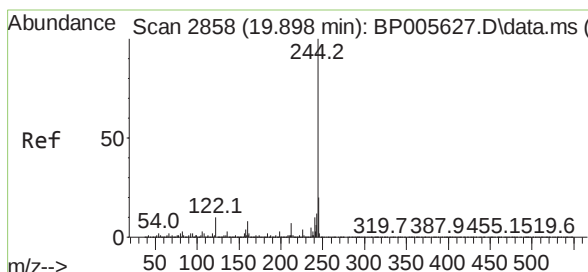
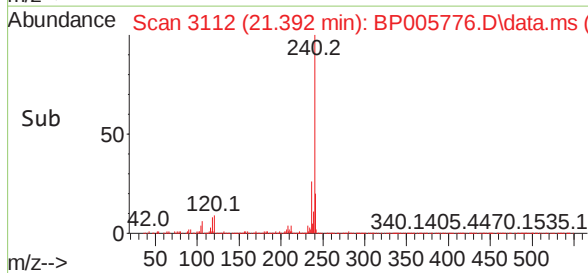
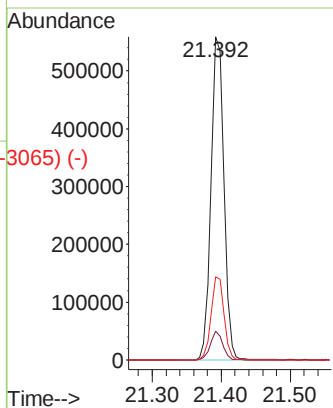
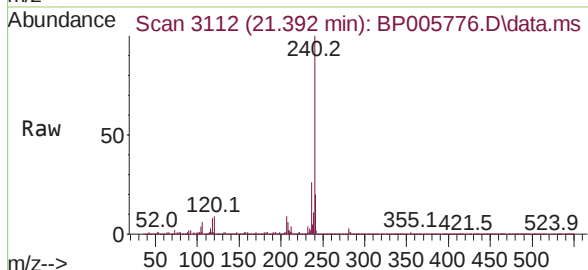




Scan 3117 (21.422 min): BP005627.D\data.ms (-3109) (-)
Chrysene-d12
 Concen: 20.000 ng
 RT: 21.392 min Scan# 3112
 Delta R.T. -0.024 min
 Lab File: BP005776.D
 Acq: 08 Jun 2021 12:09

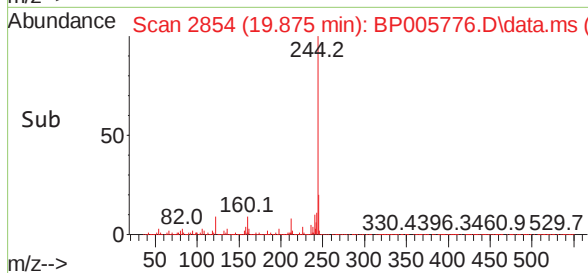
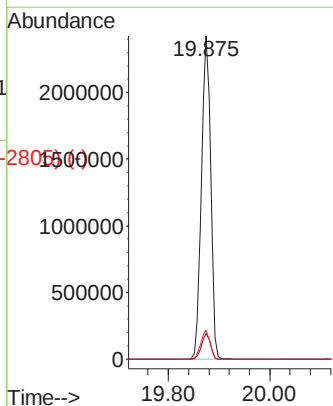
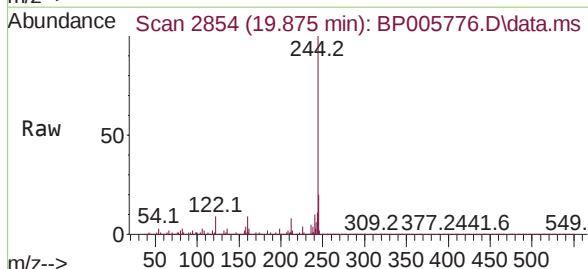
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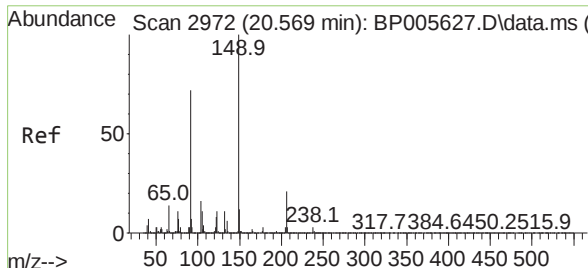
Tgt Ion:	240	Resp:	729562
Ion	Ratio	Lower	Upper
240	100		
120	8.8	4.2	6.2#
236	25.7	20.2	30.2



Scan 2858 (19.898 min): BP005627.D\data.ms (-2879) (-)
Terphenyl-d14
 Concen: 79.059 ng
 RT: 19.875 min Scan# 2854
 Delta R.T. -0.012 min
 Lab File: BP005776.D
 Acq: 08 Jun 2021 12:09

Tgt Ion:	244	Resp:	3073810
Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.6
122	8.9	5.2	7.8#

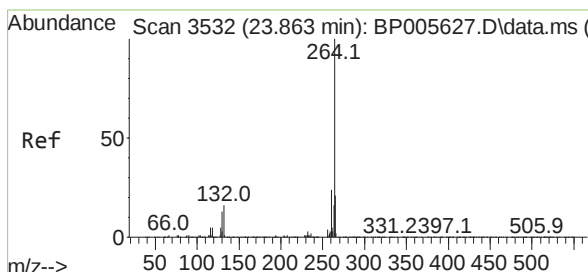
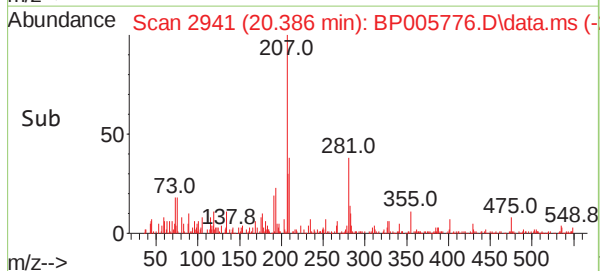
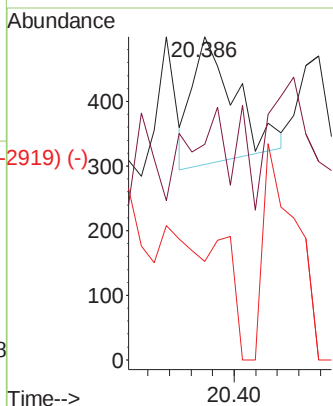
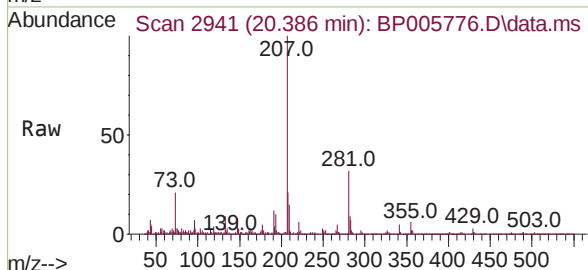




Butylbenzylphthalate
 Concen: 4.142 ng
 RT: 20.386 min Scan# 2941
 Delta R.T. -0.171 min
 Lab File: BP005776.D
 Acq: 08 Jun 2021 12:09

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:	149	Resp:	265
Ion	Ratio	Lower	Upper
149	100		
91	66.8	60.2	90.4
206	30.4	23.9	35.9



Perylene-d12
 Concen: 20.000 ng
 RT: 23.821 min Scan# 3525
 Delta R.T. -0.029 min
 Lab File: BP005776.D
 Acq: 08 Jun 2021 12:09

Tgt Ion:	264	Resp:	799508
Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.6	30.8
265	22.0	19.0	28.6

