

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
 Data File : BP005739.D
 Acq On : 07 Jun 2021 12:57
 Operator : CG/JU
 Sample : PB136825TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136825TB

Quant Time: Jun 07 13:41:15 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)

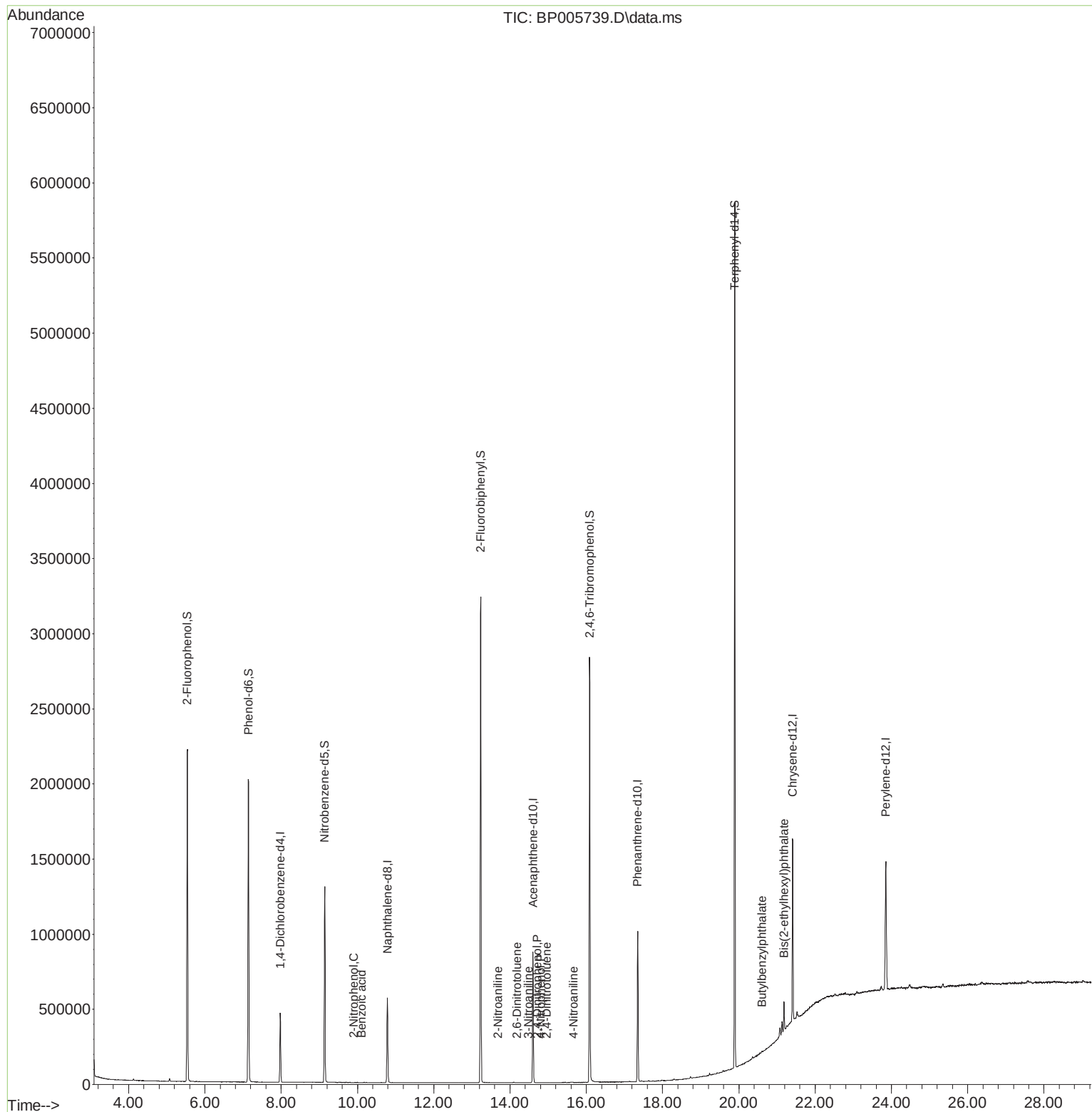
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	122984	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	467270	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	291077	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	615291	20.000	ng	# 0.00
76) Chrysene-d12	21.416	240	608427	20.000	ng	# 0.00
86) Perylene-d12	23.851	264	688626	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	989185	125.050	ng	0.00
7) Phenol-d6	7.140	99	1161858	107.742	ng	0.00
23) Nitrobenzene-d5	9.140	82	753350	89.662	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	578321	154.944	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	1707752	77.645	ng	0.00
79) Terphenyl-d14	19.892	244	2651824	81.785	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.910	139	49	4.168	ng	# 1
32) Benzoic acid	10.110	122	13	5.016	ng	# 1
48) 2-Nitroaniline	13.687	65	87	4.504	ng	# 48
51) 2,6-Dinitrotoluene	14.193	165	58	5.069	ng	# 74
53) 3-Nitroaniline	14.487	138	19	3.656	ng	# 1
54) 2,4-Dinitrophenol	14.710	184	39	6.544	ng	# 1
56) 4-Nitrophenol	14.810	139	6	3.746	ng	# 1
57) 2,4-Dinitrotoluene	14.963	165	104	4.276	ng	# 54
62) 4-Nitroaniline	15.675	138	15	3.633	ng	# 22
80) Butylbenzylphthalate	20.610	149	194	4.141	ng	97
84) Bis(2-ethylhexyl)phtha...	21.186	149	79204	3.266	ng	# 53

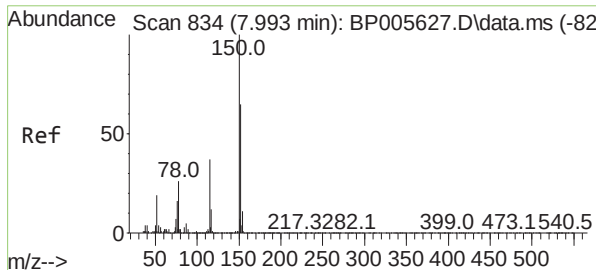
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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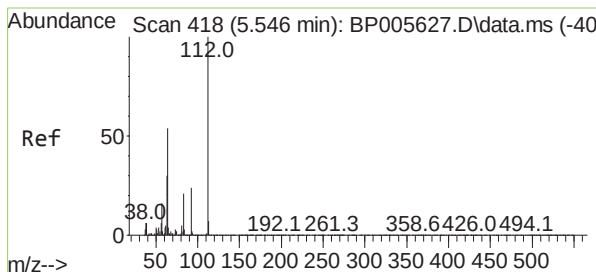
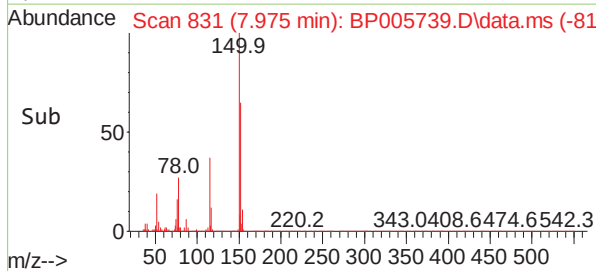
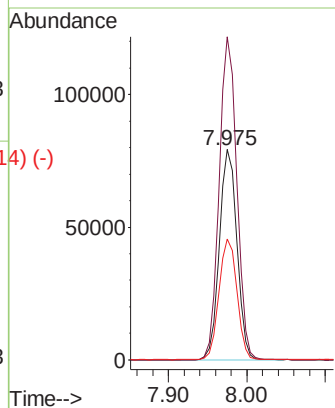
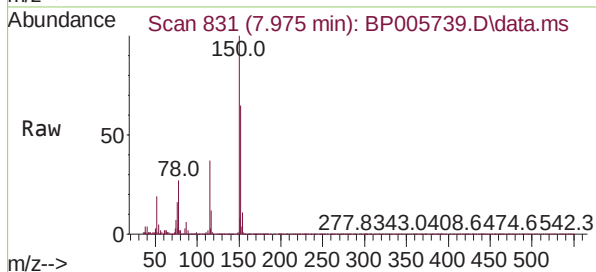




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 831
Delta R.T. 0.000 min
Lab File: BP005739.D
Acq: 07 Jun 2021 12:57

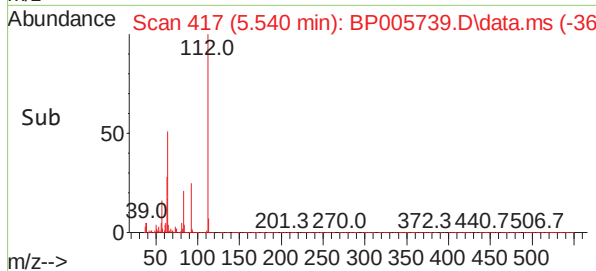
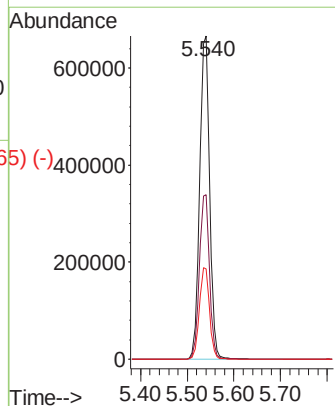
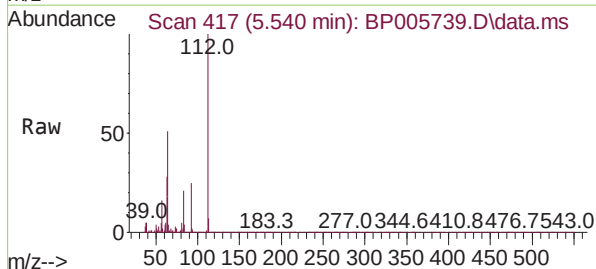
Instrument :
BNA_P
ClientSampleId :
PB136825TB

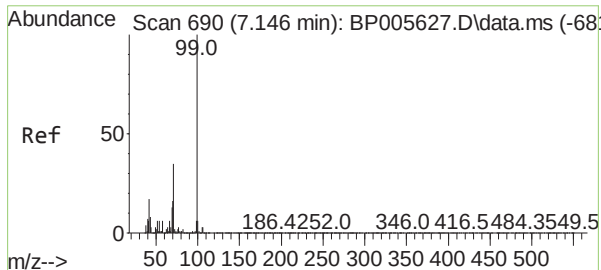
Tgt Ion:152 Resp: 122984
Ion Ratio Lower Upper
152 100
150 153.6 119.8 179.8
115 57.5 49.0 73.4



2-Fluorophenol
Concen: 125.050 ng
RT: 5.540 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP005739.D
Acq: 07 Jun 2021 12:57

Tgt Ion:112 Resp: 989185
Ion Ratio Lower Upper
112 100
64 50.8 33.6 50.4#
63 27.8 18.6 27.8

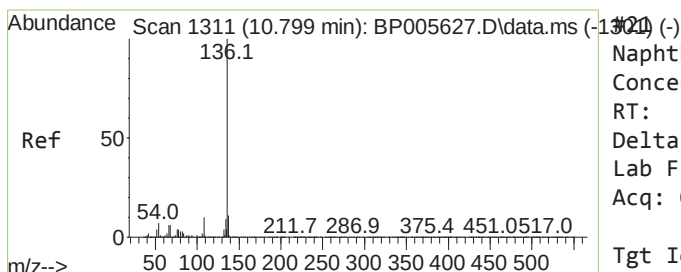
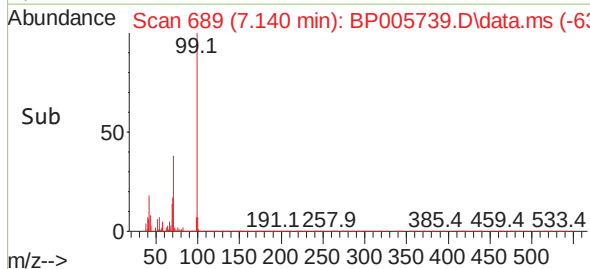
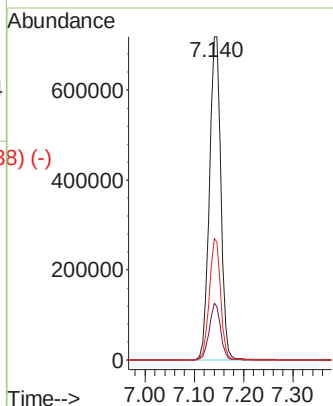
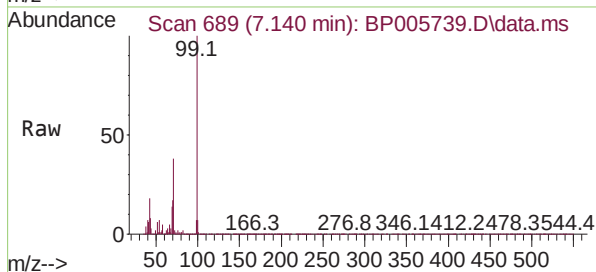




Phenol-d6
 Concen: 107.742 ng
 RT: 7.140 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: BP005739.D
 Acq: 07 Jun 2021 12:57

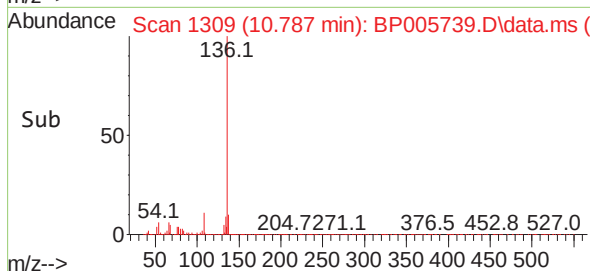
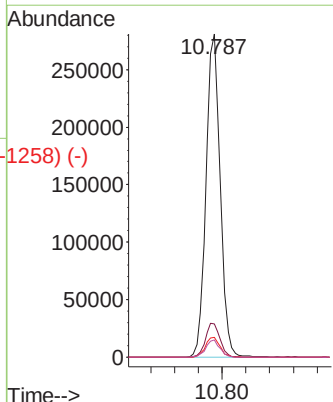
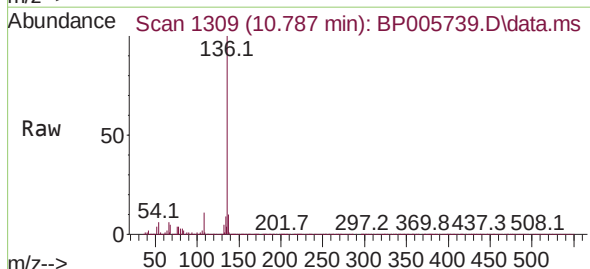
Instrument :
 BNA_P
 ClientSampleId :
 PB136825TB

Tgt Ion:	99	Resp:	1161858
Ion	Ratio	Lower	Upper
99	100		
42	17.6	12.9	19.3
71	37.5	26.7	40.1

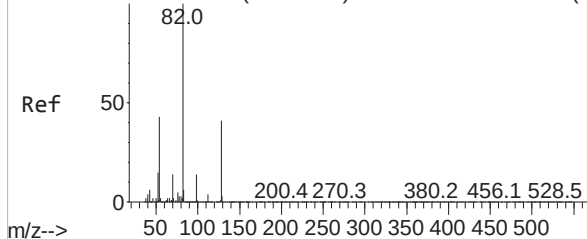


Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.787 min Scan# 1309
 Delta R.T. 0.000 min
 Lab File: BP005739.D
 Acq: 07 Jun 2021 12:57

Tgt Ion:	136	Resp:	467270
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	6.1	5.0	7.4
68	5.3	3.7	5.5



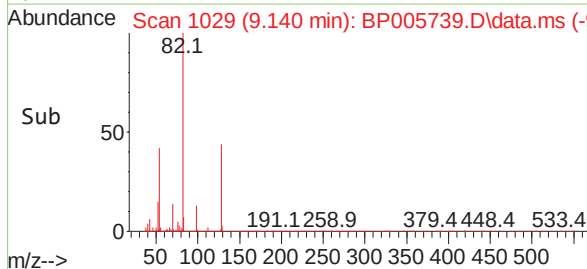
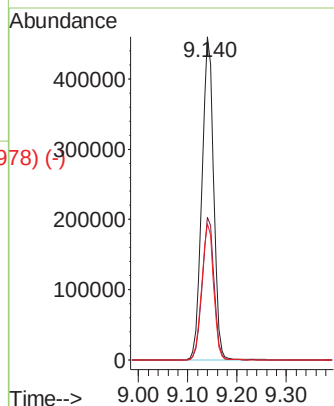
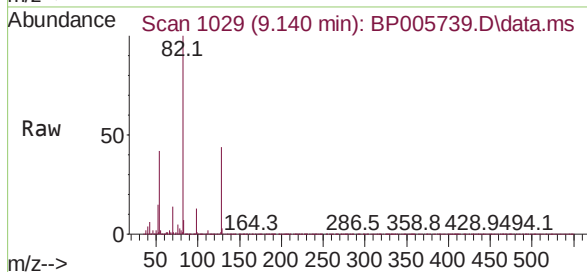
Abundance Scan 1031 (9.152 min): BP005627.D\data.ms (-1023-)



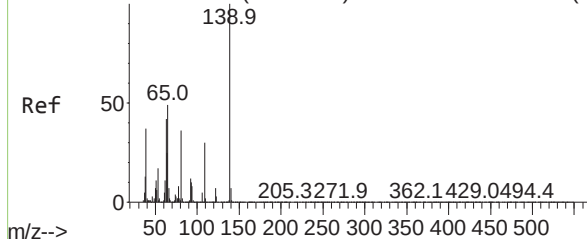
Nitrobenzene-d5
Concen: 89.662 ng
RT: 9.140 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BP005739.D
Acq: 07 Jun 2021 12:57

Instrument :
BNA_P
ClientSampleId :
PB136825TB

Tgt Ion:	82	Resp:	753350
Ion	Ratio	Lower	Upper
82	100		
128	44.2	30.5	45.7
54	42.1	33.9	50.9

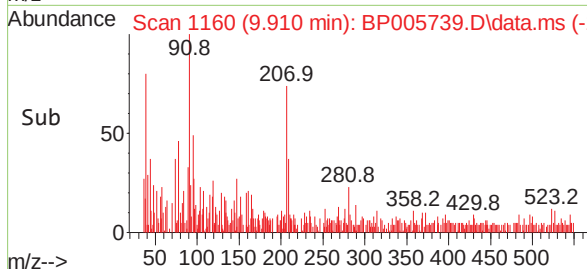
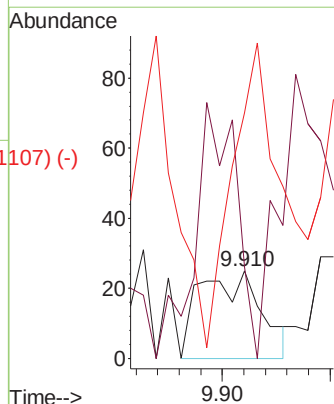
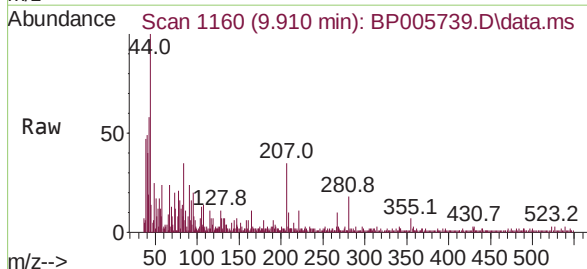


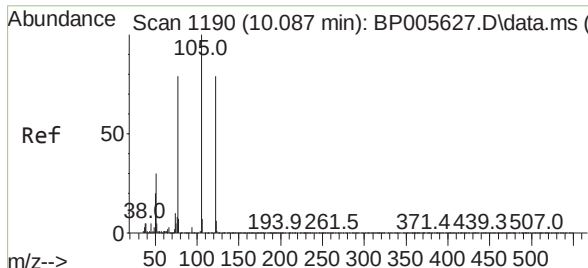
Abundance Scan 1160 (9.911 min): BP005627.D\data.ms (-1106-)



2-Nitrophenol
Concen: 4.168 ng
RT: 9.910 min Scan# 1160
Delta R.T. 0.012 min
Lab File: BP005739.D
Acq: 07 Jun 2021 12:57

Tgt Ion:	139	Resp:	49
Ion	Ratio	Lower	Upper
139	100		
109	132.0	40.7	61.1#
65	280.0	47.8	71.6#

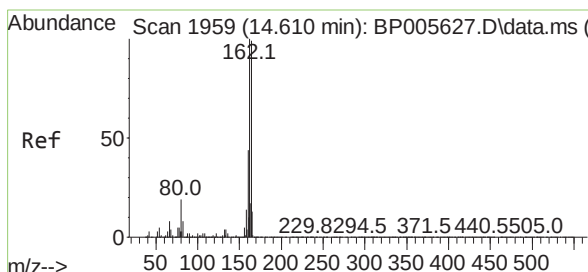
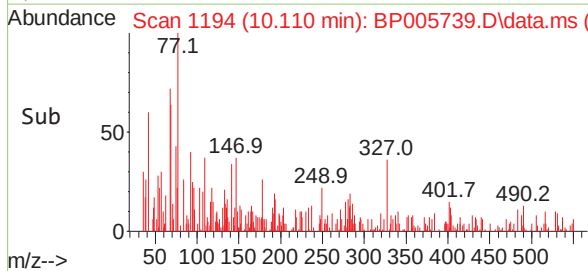
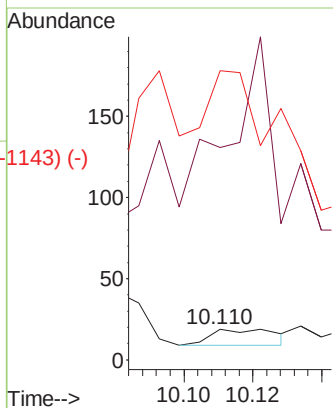
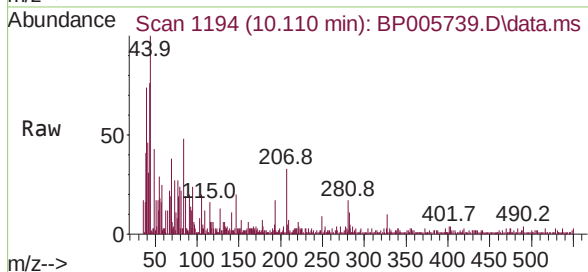




Benzoic acid
 Concen: 5.016 ng
 RT: 10.110 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: BP005739.D
 Acq: 07 Jun 2021 12:57

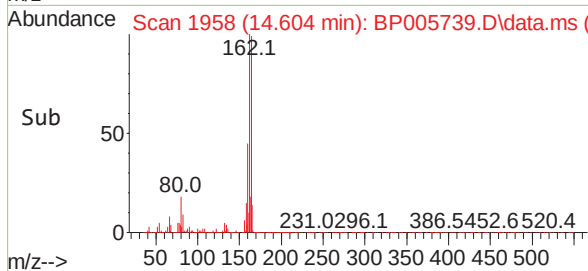
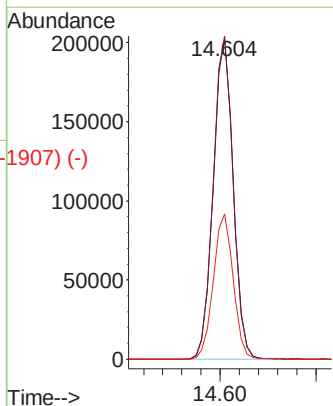
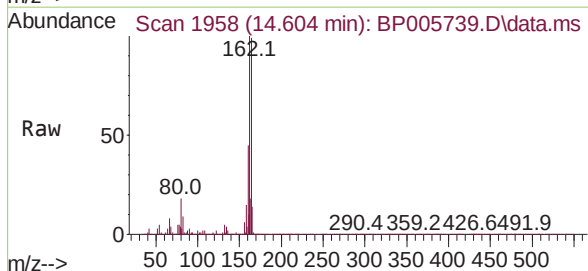
Instrument :
 BNA_P
 ClientSampleId :
 PB136825TB

Tgt Ion:	122	Resp:	13
Ion	Ratio	Lower	Upper
122	100		
105	451.7	105.1	145.1#
77	613.8	69.6	109.6#



Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.604 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: BP005739.D
 Acq: 07 Jun 2021 12:57

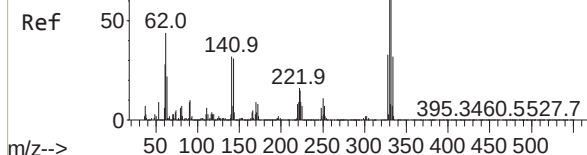
Tgt Ion:	164	Resp:	291077
Ion	Ratio	Lower	Upper
164	100		
162	100.7	73.5	110.3
160	45.3	40.6	61.0



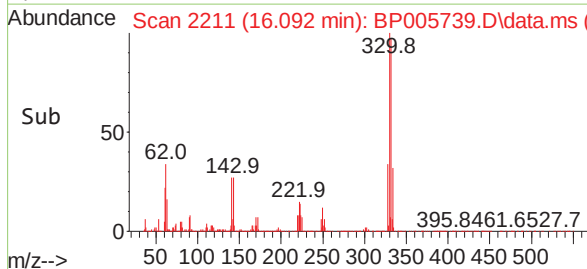
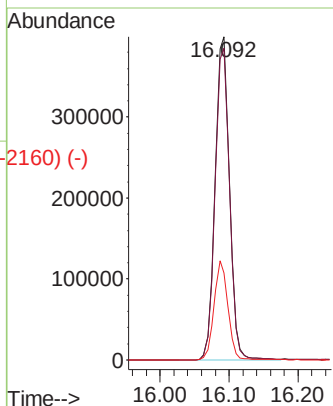
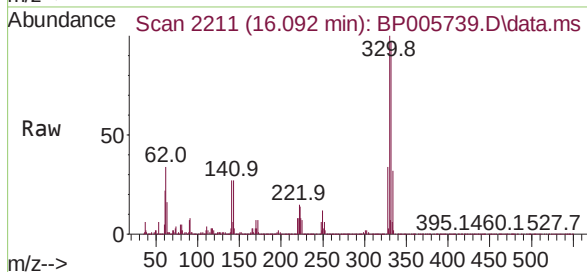
Abundance Scan 2211 (16.093 min): BP005627.D\data.ms (-2160) (-)

2,4,6-Tribromophenol
Concen: 154.944 ng
RT: 16.092 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BP005739.D
Acq: 07 Jun 2021 12:57

Instrument :
BNA_P
ClientSampleId :
PB136825TB

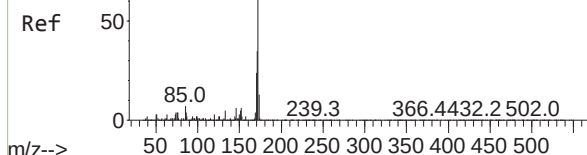


Tgt Ion:	330	Resp:	578321
Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.3	114.5
141	29.7	22.8	34.2

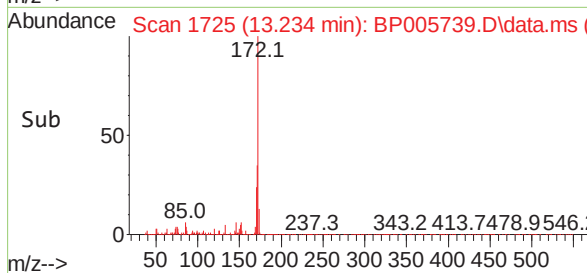
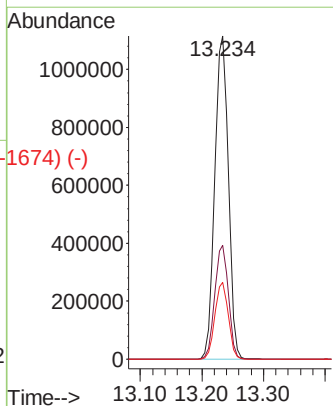
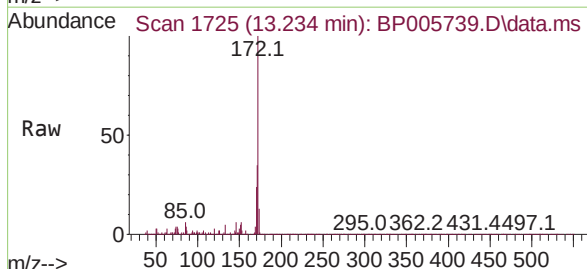


Abundance Scan 1726 (13.240 min): BP005627.D\data.ms (-1716) (-)

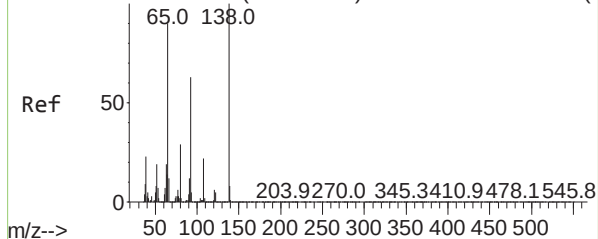
2-Fluorobiphenyl
Concen: 77.645 ng
RT: 13.234 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BP005739.D
Acq: 07 Jun 2021 12:57



Tgt Ion:	172	Resp:	1707752
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.1	42.1
170	23.7	19.6	29.4



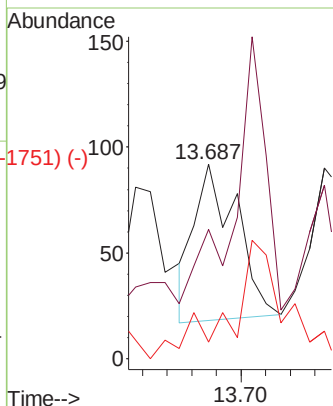
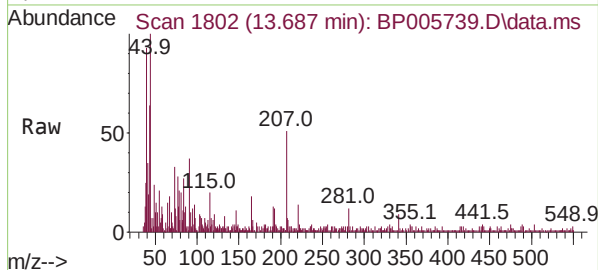
Abundance Scan 1803 (13.693 min): BP005627.D\data.ms (-1751) (-)



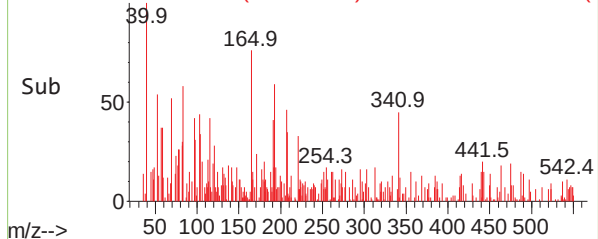
2-Nitroaniline
Concen: 4.504 ng
RT: 13.687 min Scan# 1802
Delta R.T. 0.000 min
Lab File: BP005739.D
Acq: 07 Jun 2021 12:57

Instrument :
BNA_P
ClientSampleId :
PB136825TB

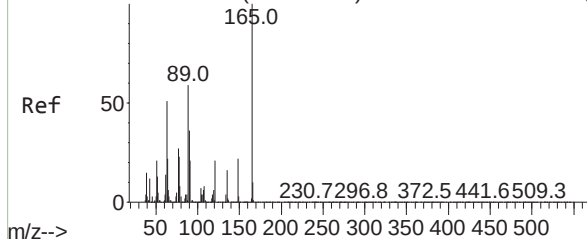
Tgt Ion:	65	Resp:	87
Ion	Ratio	Lower	Upper
65	100		
92	66.3	48.8	73.2
138	9.8	69.5	104.3#



Abundance Scan 1802 (13.687 min): BP005739.D\data.ms (-1751) (-)

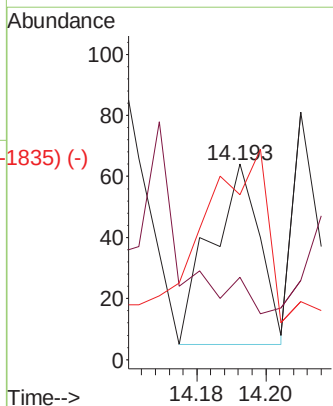
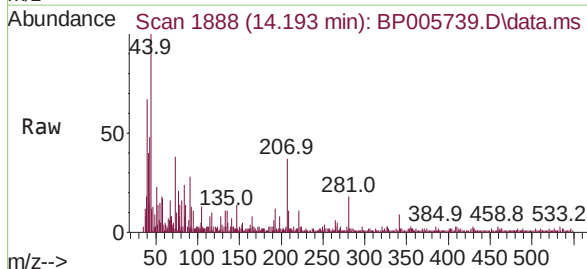


Abundance Scan 1887 (14.187 min): BP005627.D\data.ms (-1751) (-)

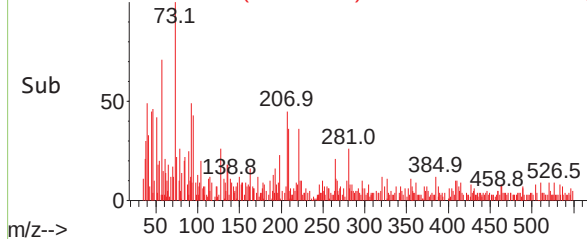


2,6-Dinitrotoluene
Concen: 5.069 ng
RT: 14.193 min Scan# 1888
Delta R.T. 0.012 min
Lab File: BP005739.D
Acq: 07 Jun 2021 12:57

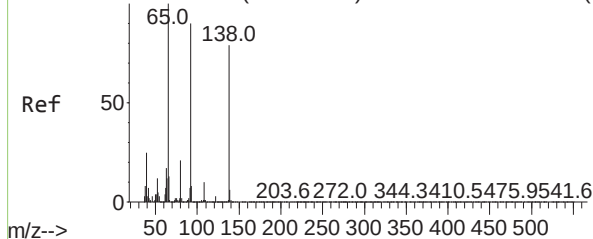
Tgt Ion:	165	Resp:	58
Ion	Ratio	Lower	Upper
165	100		
63	42.2	67.4	101.0#
89	84.4	73.8	110.6



Abundance Scan 1888 (14.193 min): BP005739.D\data.ms (-1835) (-)



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

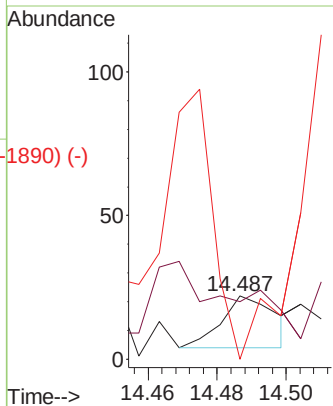
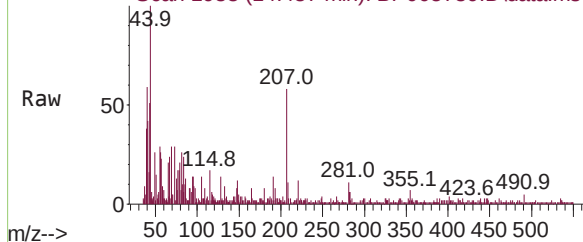


3-Nitroaniline
Concen: 3.656 ng
RT: 14.487 min Scan# 1938
Delta R.T. -0.018 min
Lab File: BP005739.D
Acq: 07 Jun 2021 12:57

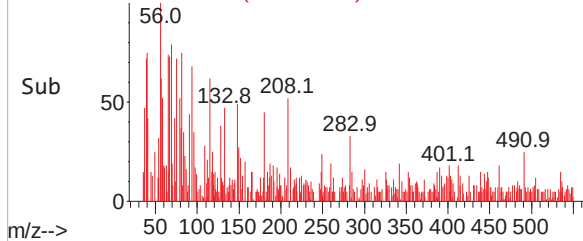
Instrument :
BNA_P
ClientSampleId :
PB136825TB

Tgt Ion:	138	Resp:	19
Ion	Ratio	Lower	Upper
138	100		
108	90.9	10.2	15.4#
92	0.0	108.1	162.1#

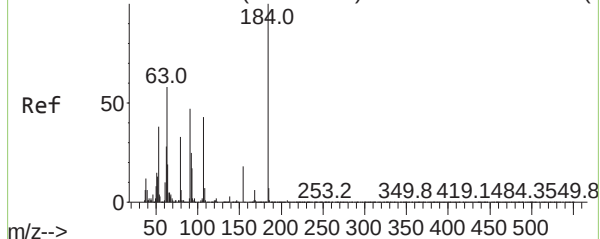
Abundance Scan 1938 (14.487 min): BP005739.D\data.ms



Abundance Scan 1938 (14.487 min): BP005739.D\data.ms (-1890) (-)



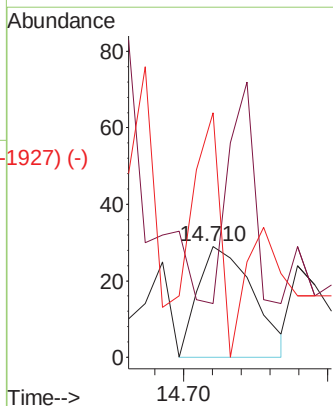
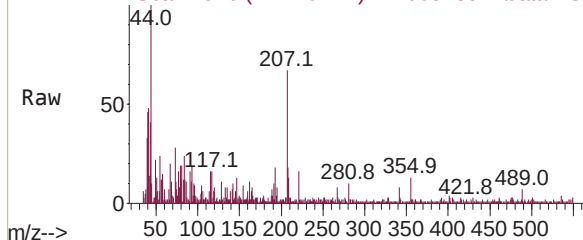
Abundance Scan 1976 (14.710 min): BP005627.D\data.ms (-1956) (-)



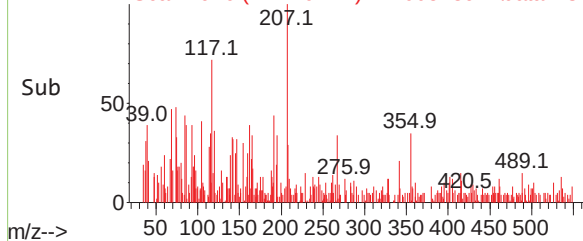
2,4-Dinitrophenol
Concen: 6.544 ng
RT: 14.710 min Scan# 1976
Delta R.T. -0.012 min
Lab File: BP005739.D
Acq: 07 Jun 2021 12:57

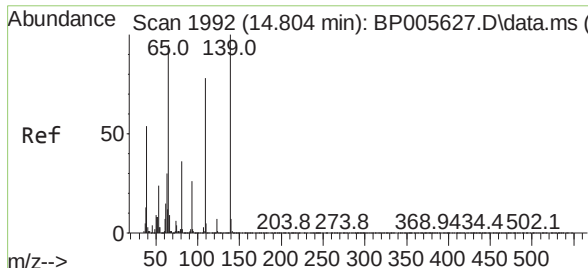
Tgt Ion:	184	Resp:	39
Ion	Ratio	Lower	Upper
184	100		
63	48.3	51.2	76.8#
154	220.7	55.8	83.8#

Abundance Scan 1976 (14.710 min): BP005739.D\data.ms



Abundance Scan 1976 (14.710 min): BP005739.D\data.ms (-1927) (-)

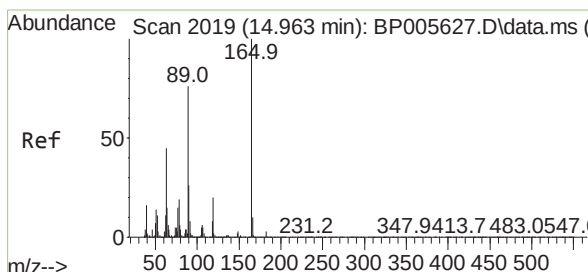
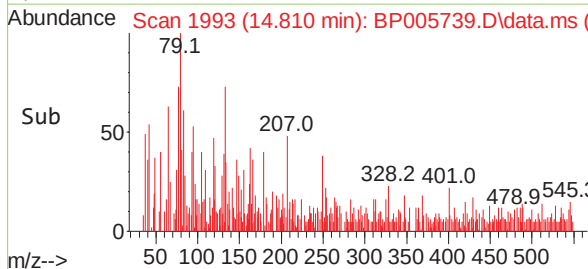
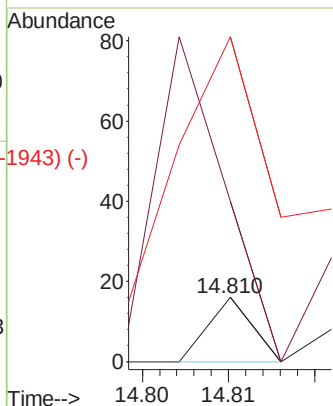
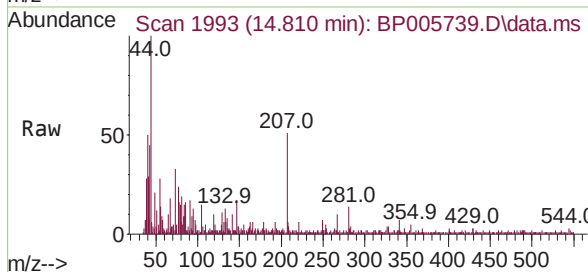




4-Nitrophenol
 Concen: 3.746 ng
 RT: 14.810 min Scan# 1993
 Delta R.T. -0.006 min
 Lab File: BP005739.D
 Acq: 07 Jun 2021 12:57

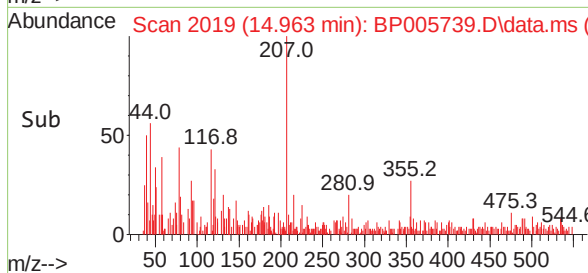
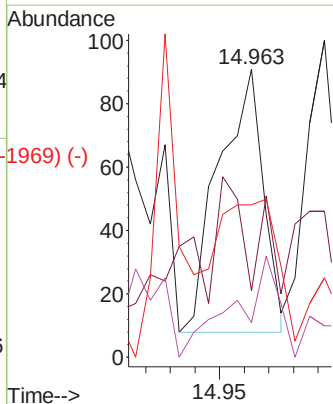
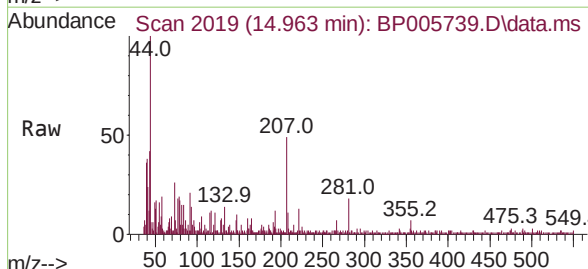
Instrument :
 BNA_P
 ClientSampleId :
 PB136825TB

Tgt Ion:	139	Resp:	6
Ion	Ratio	Lower	Upper
139	100		
109	250.0	122.8	162.8#
65	506.3	110.0	150.0#



2,4-Dinitrotoluene
 Concen: 4.276 ng
 RT: 14.963 min Scan# 2019
 Delta R.T. -0.006 min
 Lab File: BP005739.D
 Acq: 07 Jun 2021 12:57

Tgt Ion:	165	Resp:	104
Ion	Ratio	Lower	Upper
165	100		
63	40.7	56.7	85.1#
89	52.7	85.8	128.6#
182	12.1	3.0	4.6#



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

4-Nitroaniline

Concen: 3.633 ng

RT: 15.675 min Scan# 2140

Delta R.T. 0.012 min

Lab File: BP005739.D

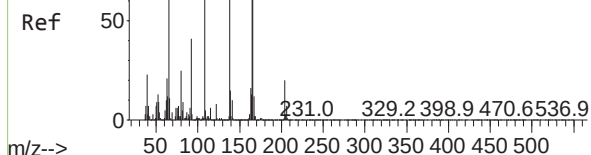
Acq: 07 Jun 2021 12:57

Instrument :

BNA_P

ClientSampleId :

PB136825TB



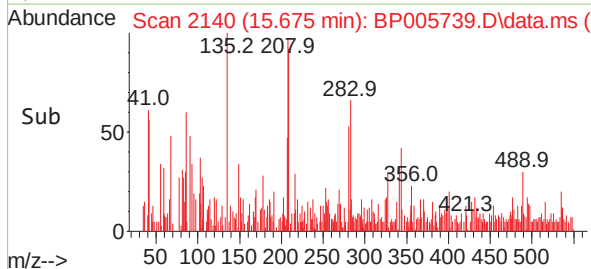
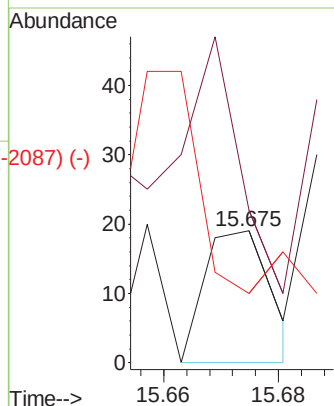
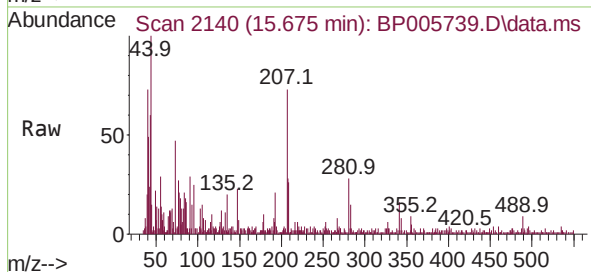
Tgt Ion:138 Resp: 15

Ion Ratio Lower Upper

138 100

92 115.8 50.9 90.9#

108 52.6 154.7 194.7#



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

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.345 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BP005739.D

Acq: 07 Jun 2021 12:57

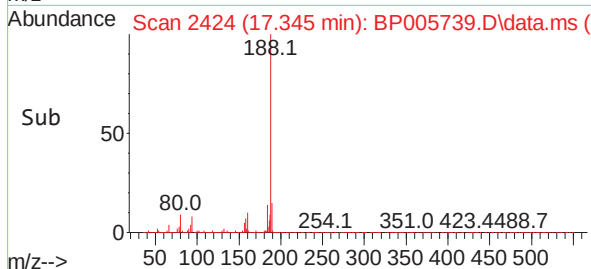
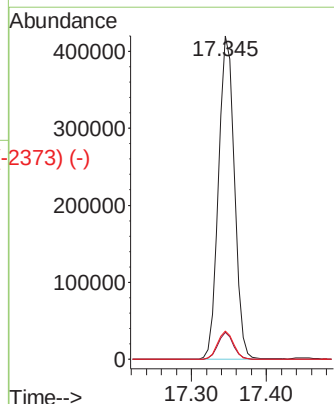
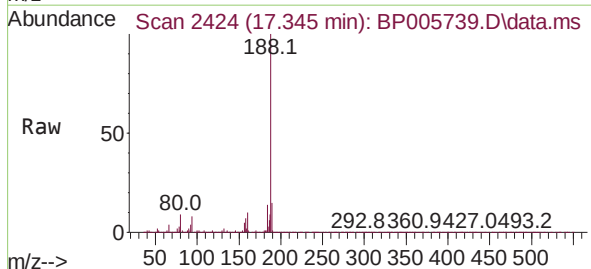
Tgt Ion:188 Resp: 615291

Ion Ratio Lower Upper

188 100

94 8.2 5.0 7.6#

80 8.7 5.9 8.9



Abundance Scan 3117 (21.422 min): BP005627.D\data.ms (-3109) (-)

Chrysene-d12

Concen: 20.000 ng

RT: 21.416 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP005739.D

Acq: 07 Jun 2021 12:57

Tgt Ion:240 Resp: 608427

Ion Ratio Lower Upper

240 100

120 8.3 4.2 6.2#

236 25.8 20.2 30.2

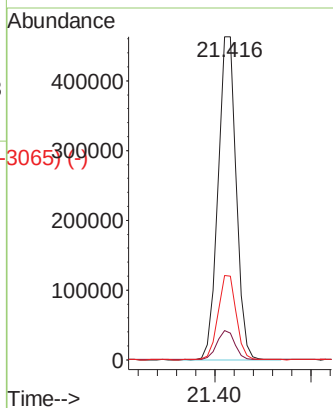
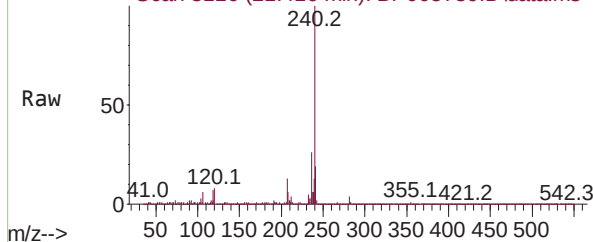
Instrument :

BNA_P

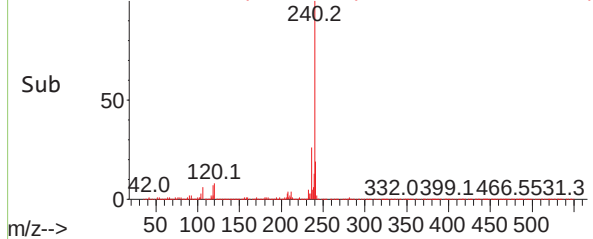
ClientSampleId :

PB136825TB

Abundance Scan 3116 (21.416 min): BP005739.D\data.ms



Abundance Scan 3116 (21.416 min): BP005739.D\data.ms (-3065) (-)



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

Terphenyl-d14

Concen: 81.785 ng

RT: 19.892 min Scan# 2857

Delta R.T. 0.006 min

Lab File: BP005739.D

Acq: 07 Jun 2021 12:57

Tgt Ion:244 Resp: 2651824

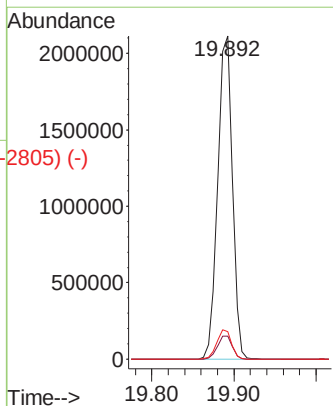
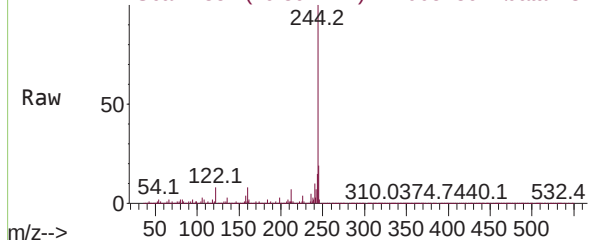
Ion Ratio Lower Upper

244 100

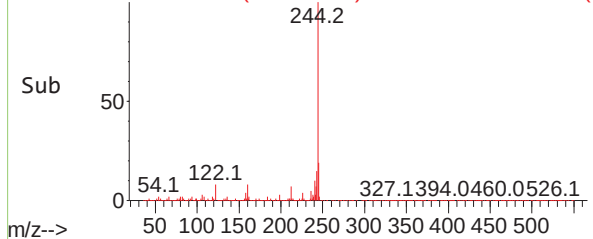
212 7.2 5.8 8.6

122 8.4 5.2 7.8#

Abundance Scan 2857 (19.892 min): BP005739.D\data.ms



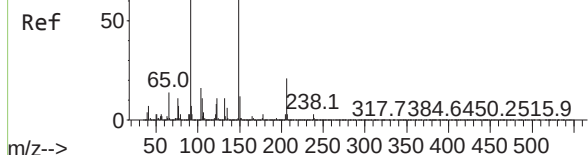
Abundance Scan 2857 (19.892 min): BP005739.D\data.ms (-2805) (-)



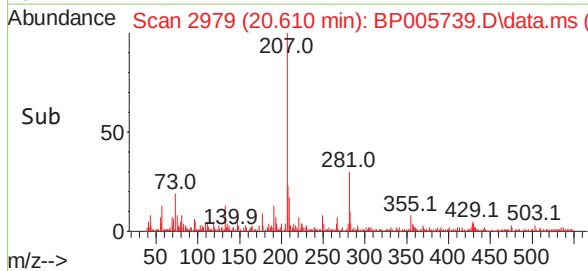
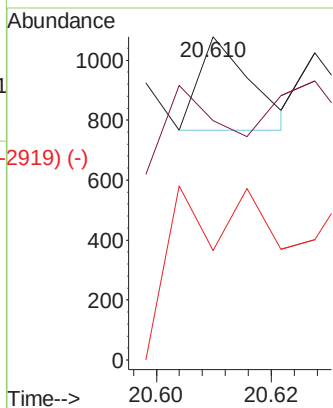
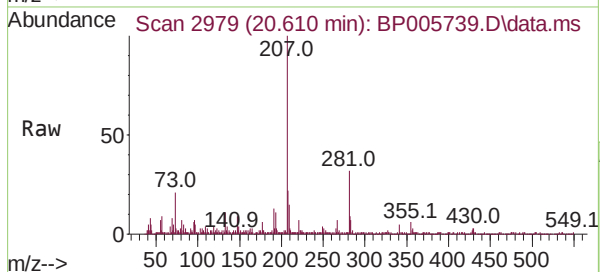
Abundance Scan 2972 (20.569 min): BP005627.D\data.ms (-2980) (-)

Butylbenzylphthalate
Concen: 4.141 ng
RT: 20.610 min Scan# 2979
Delta R.T. 0.053 min
Lab File: BP005739.D
Acq: 07 Jun 2021 12:57

Instrument :
BNA_P
ClientSampleId :
PB136825TB



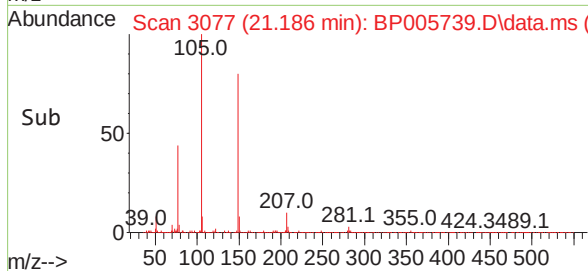
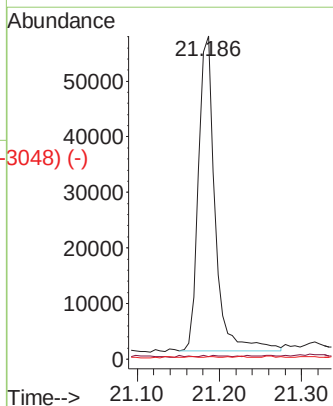
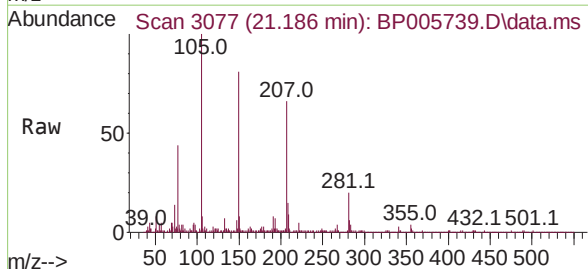
Tgt Ion:	149	Resp:	194
Ion	Ratio	Lower	Upper
149	100		
91	74.1	60.2	90.4
206	34.0	23.9	35.9



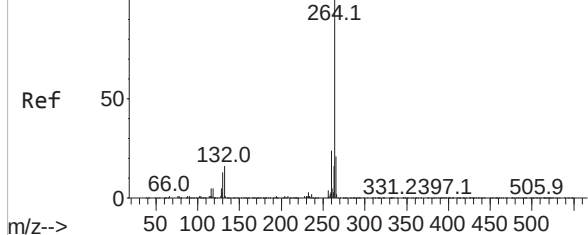
Abundance Scan 3101 (21.328 min): BP005627.D\data.ms (-3082) (-)

Bis(2-ethylhexyl)phthalate
Concen: 3.266 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.129 min
Lab File: BP005739.D
Acq: 07 Jun 2021 12:57

Tgt Ion:	149	Resp:	79204
Ion	Ratio	Lower	Upper
149	100		
167	0.7	23.8	35.8#
279	0.8	5.7	8.5#



Abundance Scan 3532 (23.863 min): BP005627.D\data.ms (-3479)



Perylene-d12
 Concen: 20.000 ng
 RT: 23.851 min Scan# 3530
 Delta R.T. 0.000 min
 Lab File: BP005739.D
 Acq: 07 Jun 2021 12:57

Instrument :
 BNA_P
 ClientSampleId :
 PB136825TB

Tgt Ion:	264	Resp:	688626
Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.6	30.8
265	22.0	19.0	28.6

