

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
 Data File : BP005775.D
 Acq On : 08 Jun 2021 11:35
 Operator : CG/JU
 Sample : M2589-40
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B12(4-6)

Quant Time: Jun 08 12:18:27 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)

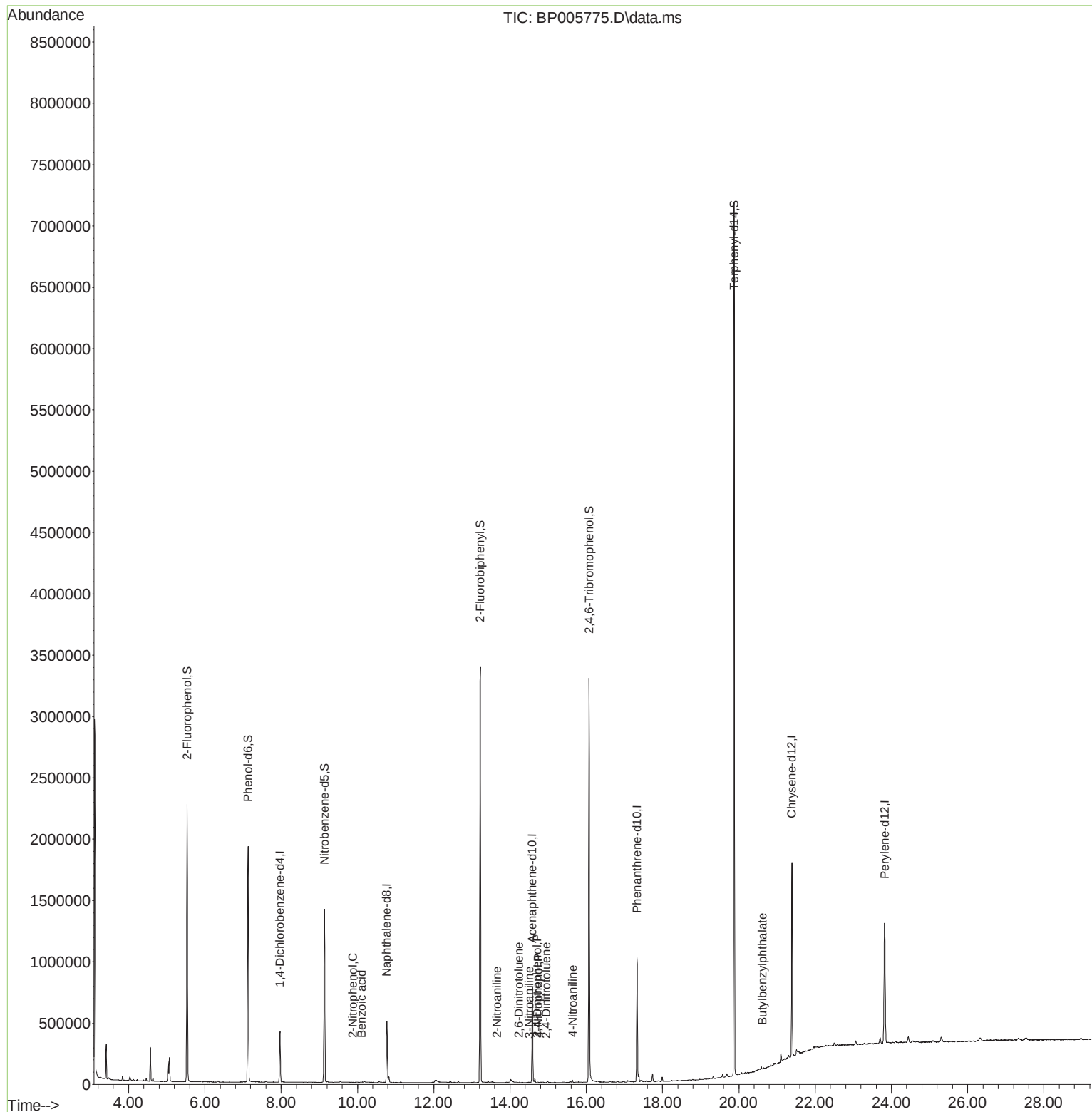
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	112532	20.000	ng	0.00
21) Naphthalene-d8	10.769	136	427565	20.000	ng	-0.02
39) Acenaphthene-d10	14.587	164	267593	20.000	ng	-0.02
64) Phenanthrene-d10	17.328	188	615522	20.000	ng	#-0.02
76) Chrysene-d12	21.392	240	758629	20.000	ng	#-0.02
86) Perylene-d12	23.821	264	809242	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	963511	133.117	ng	0.00
7) Phenol-d6	7.134	99	1053854	106.803	ng	0.00
23) Nitrobenzene-d5	9.134	82	808364	105.145	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	673964	196.415	ng	-0.02
45) 2-Fluorobiphenyl	13.222	172	1776754	87.872	ng	-0.01
79) Terphenyl-d14	19.875	244	3253790	80.481	ng	-0.01
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.875	139	12	4.159	ng	# 1
32) Benzoic acid	10.105	122	226	5.070	ng	# 71
48) 2-Nitroaniline	13.663	65	110	4.511	ng	# 23
51) 2,6-Dinitrotoluene	14.240	165	68	5.072	ng	89
53) 3-Nitroaniline	14.504	138	12	3.655	ng	# 1
54) 2,4-Dinitrophenol	14.710	184	15	6.534	ng	# 1
56) 4-Nitrophenol	14.734	139	140	3.778	ng	# 7
57) 2,4-Dinitrotoluene	14.957	165	83	4.274	ng	# 16
62) 4-Nitroaniline	15.645	138	80	3.645	ng	# 19
80) Butylbenzylphthalate	20.622	149	106	4.135	ng	90

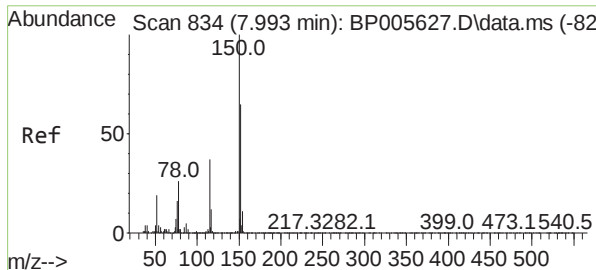
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
Data File : BP005775.D
Acq On : 08 Jun 2021 11:35
Operator : CG/JU
Sample : M2589-40
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B12(4-6)

Quant Time: Jun 08 12:18:27 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

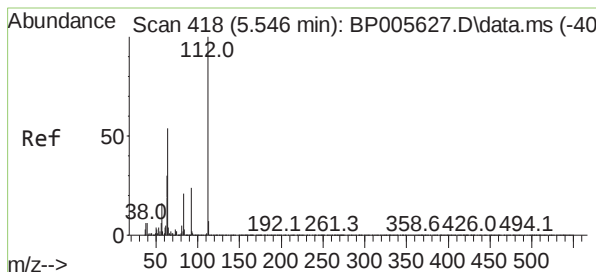
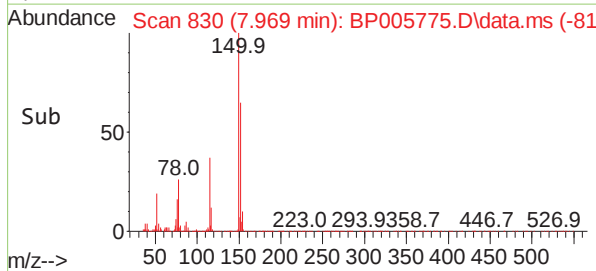
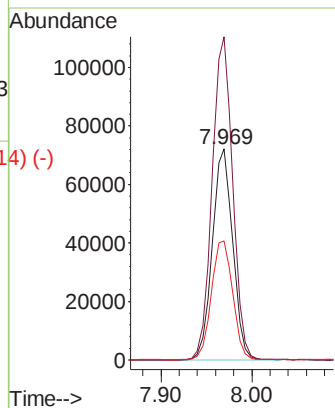
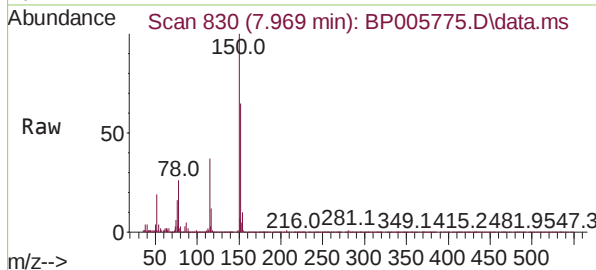




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.969 min Scan# 830
 Delta R.T. -0.006 min
 Lab File: BP005775.D
 Acq: 08 Jun 2021 11:35

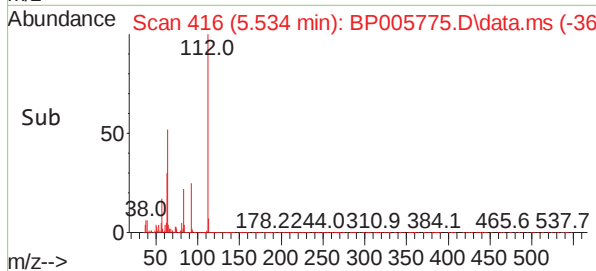
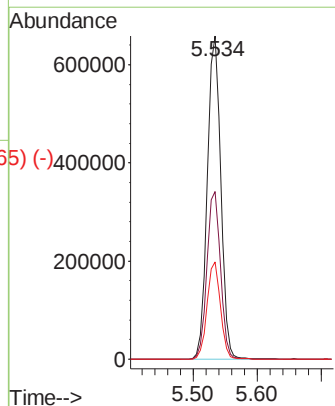
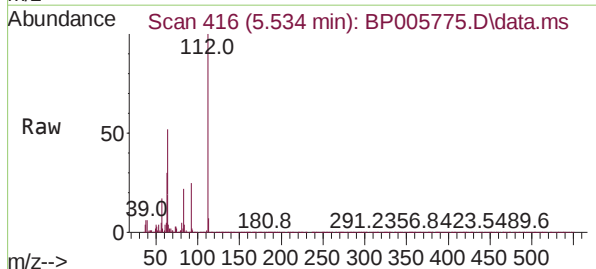
Instrument :
 BNA_P
 ClientSampleId :
 18-B12(4-6)

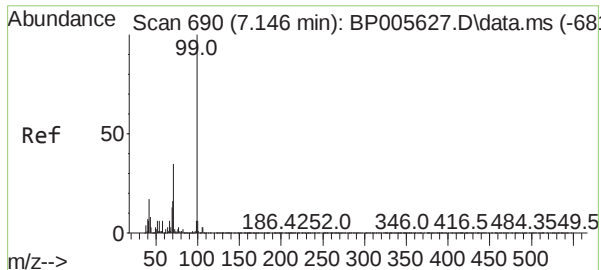
Tgt Ion:	152	Resp:	112532
Ion	Ratio	Lower	Upper
152	100		
150	152.9	119.8	179.8
115	56.2	49.0	73.4



2-Fluorophenol
 Concen: 133.117 ng
 RT: 5.534 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: BP005775.D
 Acq: 08 Jun 2021 11:35

Tgt Ion:	112	Resp:	963511
Ion	Ratio	Lower	Upper
112	100		
64	51.8	33.6	50.4#
63	30.0	18.6	27.8#



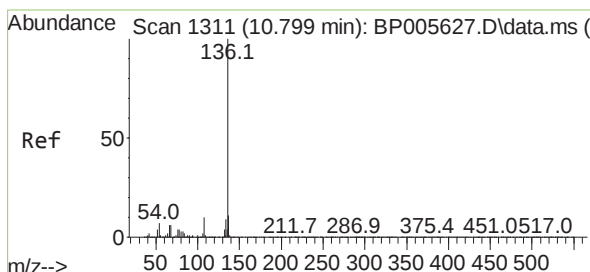
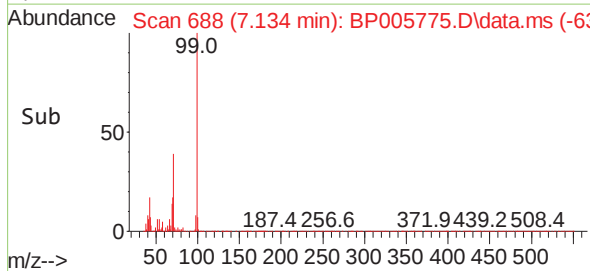
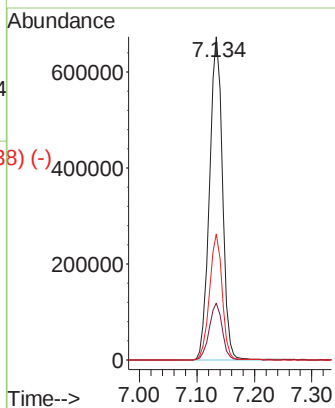
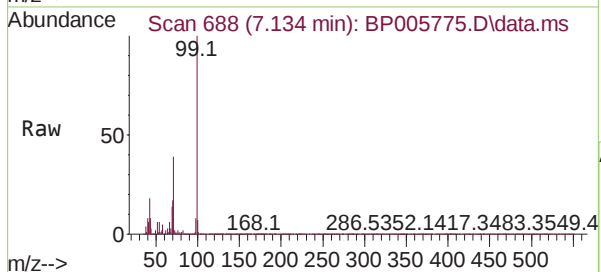


Phenol-d6
 Concen: 106.803 ng
 RT: 7.134 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: BP005775.D
 Acq: 08 Jun 2021 11:35

Instrument :
 BNA_P
 ClientSampleId :
 18-B12(4-6)

Tgt Ion: 99 Resp: 1053854

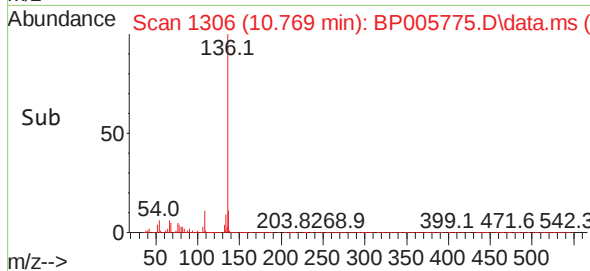
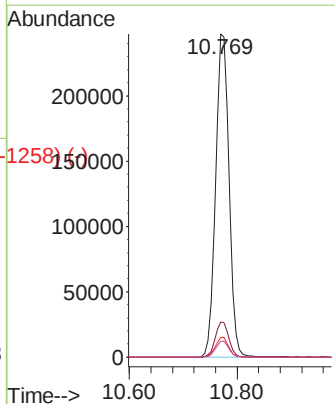
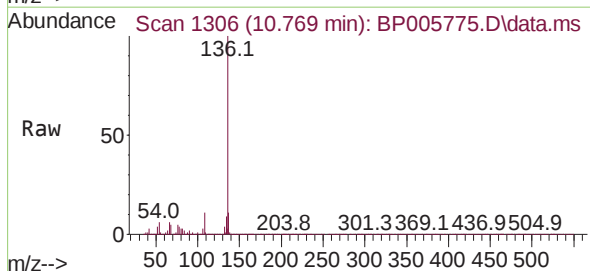
Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.9	19.3
71	39.0	26.7	40.1



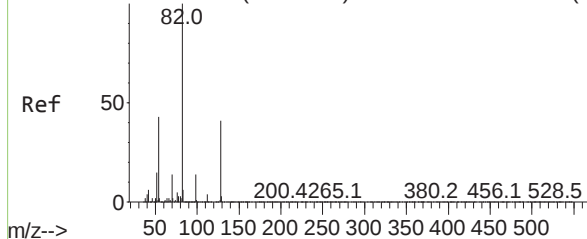
Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.769 min Scan# 1306
 Delta R.T. -0.018 min
 Lab File: BP005775.D
 Acq: 08 Jun 2021 11:35

Tgt Ion: 136 Resp: 427565

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.1	5.0	7.4
68	4.9	3.7	5.5



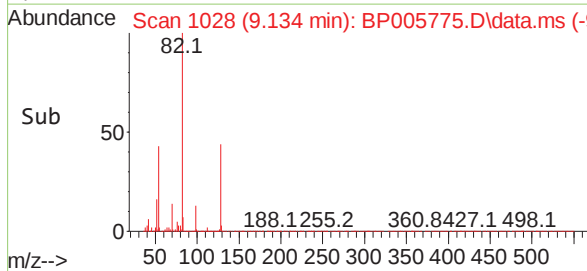
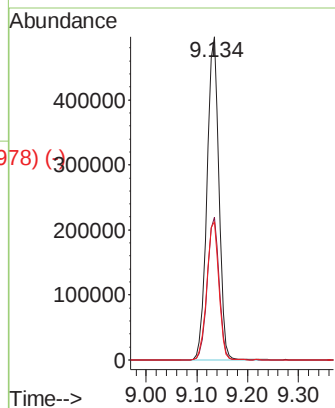
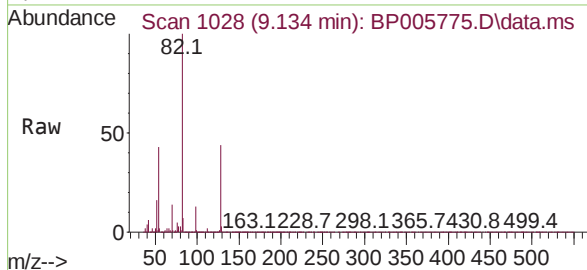
Abundance Scan 1031 (9.152 min): BP005627.D\data.ms (-1023)



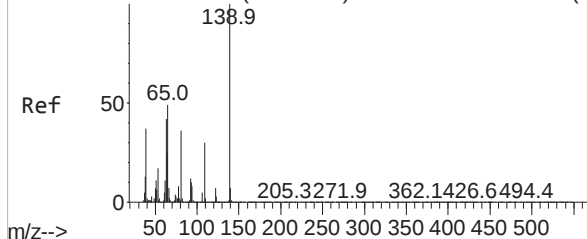
Nitrobenzene-d5
Concen: 105.145 ng
RT: 9.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP005775.D
Acq: 08 Jun 2021 11:35

Instrument :
BNA_P
ClientSampleId :
18-B12(4-6)

Tgt Ion:	82	Resp:	808364
Ion	Ratio	Lower	Upper
82	100		
128	44.1	30.5	45.7
54	42.8	33.9	50.9

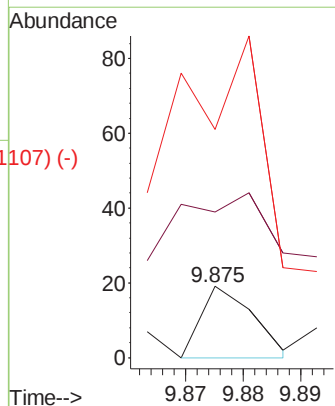
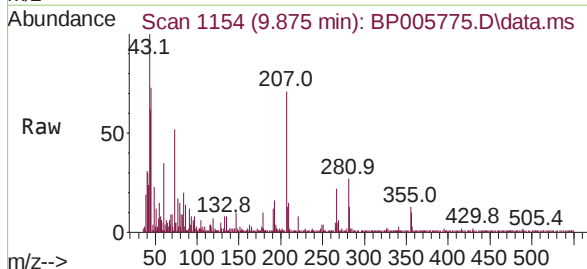


Abundance Scan 1160 (9.911 min): BP005627.D\data.ms (-1140)

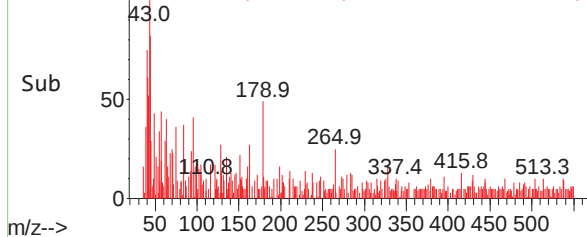


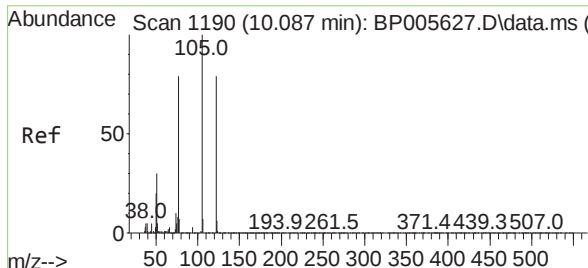
2-Nitrophenol
Concen: 4.159 ng
RT: 9.875 min Scan# 1154
Delta R.T. -0.023 min
Lab File: BP005775.D
Acq: 08 Jun 2021 11:35

Tgt Ion:	139	Resp:	12
Ion	Ratio	Lower	Upper
139	100		
109	205.3	40.7	61.1#
65	321.1	47.8	71.6#



Abundance Scan 1154 (9.875 min): BP005775.D\data.ms (-1107) (-)

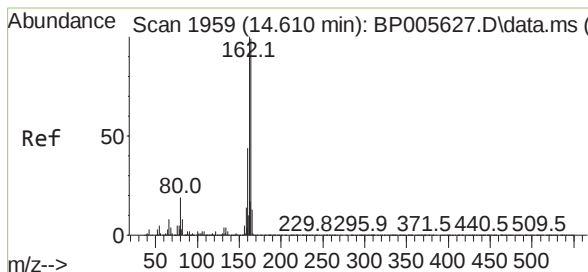
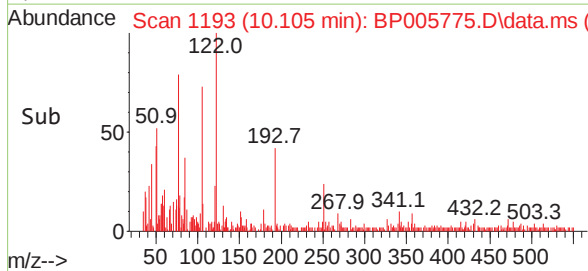
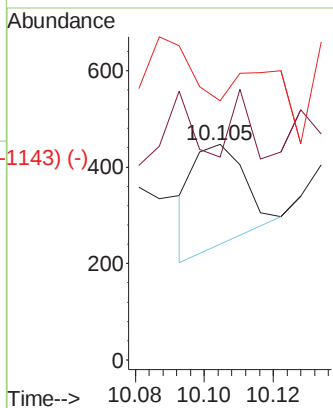
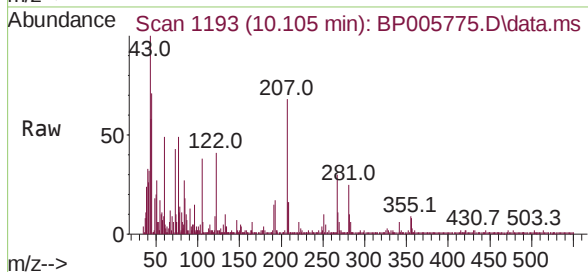




Benzoic acid
 Concen: 5.070 ng
 RT: 10.105 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: BP005775.D
 Acq: 08 Jun 2021 11:35

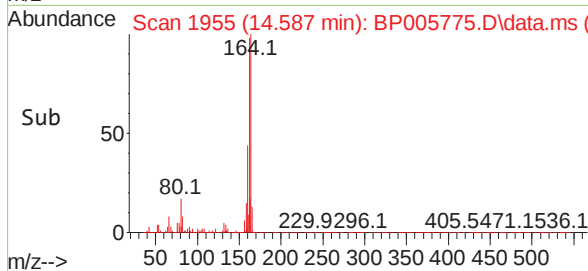
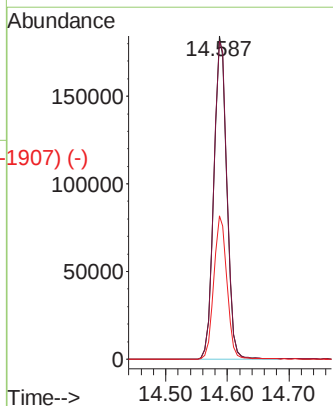
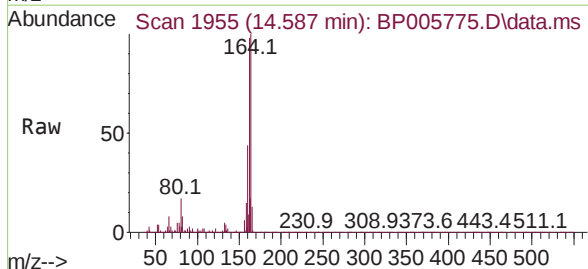
Instrument :
 BNA_P
 ClientSampleId :
 18-B12(4-6)

Tgt Ion:	122	Resp:	226
Ion	Ratio	Lower	Upper
122	100		
105	94.0	105.1	145.1#
77	120.1	69.6	109.6#

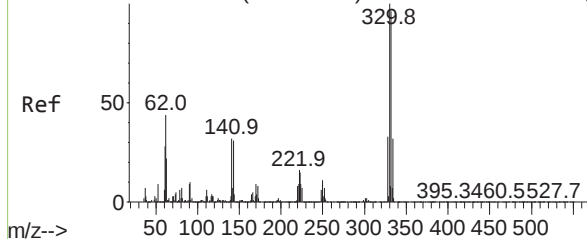


Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.587 min Scan# 1955
 Delta R.T. -0.018 min
 Lab File: BP005775.D
 Acq: 08 Jun 2021 11:35

Tgt Ion:	164	Resp:	267593
Ion	Ratio	Lower	Upper
164	100		
162	98.3	73.5	110.3
160	44.3	40.6	61.0



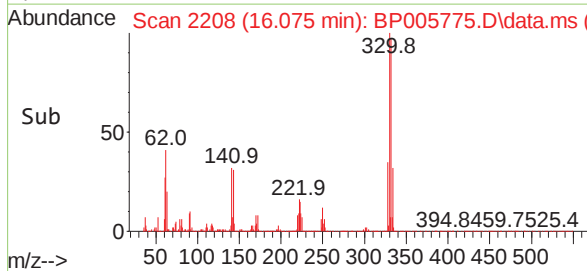
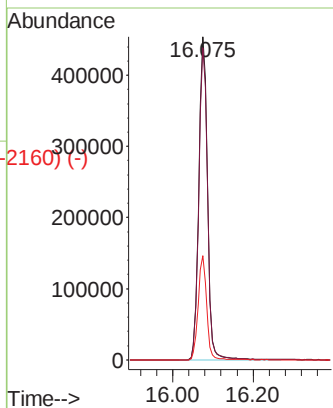
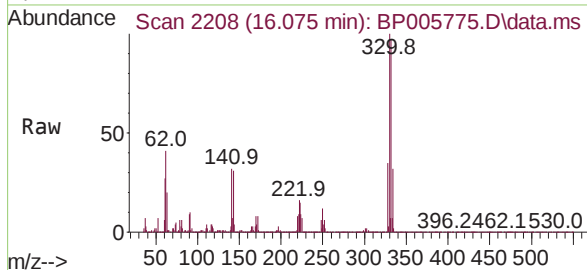
Abundance Scan 2211 (16.093 min): BP005627.D\data.ms (-2160) (-)



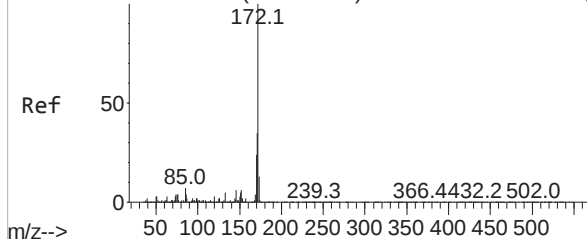
2,4,6-Tribromophenol
Concen: 196.415 ng
RT: 16.075 min Scan# 2208
Delta R.T. -0.018 min
Lab File: BP005775.D
Acq: 08 Jun 2021 11:35

Instrument :
BNA_P
ClientSampleId :
18-B12(4-6)

Tgt Ion:	330	Resp:	673964
Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.3	114.5
141	31.5	22.8	34.2

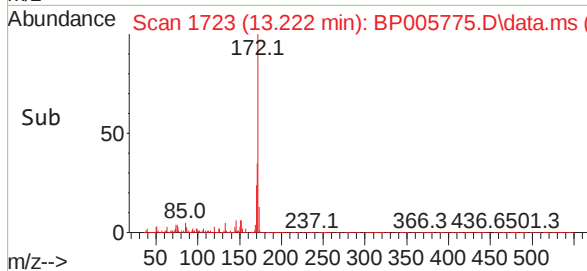
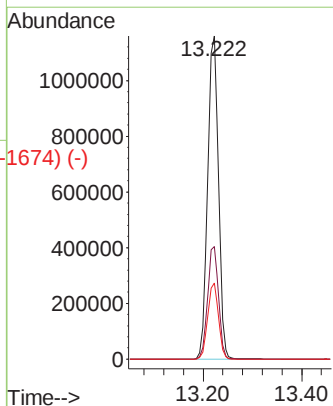
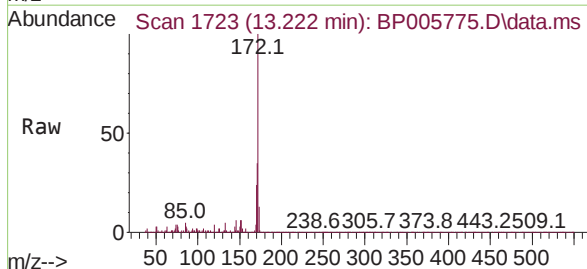


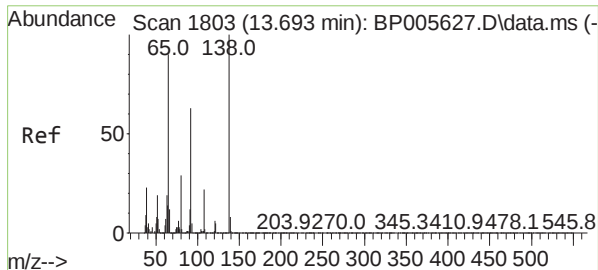
Abundance Scan 1726 (13.240 min): BP005627.D\data.ms (-1715) (-)



2-Fluorobiphenyl
Concen: 87.872 ng
RT: 13.222 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BP005775.D
Acq: 08 Jun 2021 11:35

Tgt Ion:	172	Resp:	1776754
Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.1	42.1
170	23.6	19.6	29.4

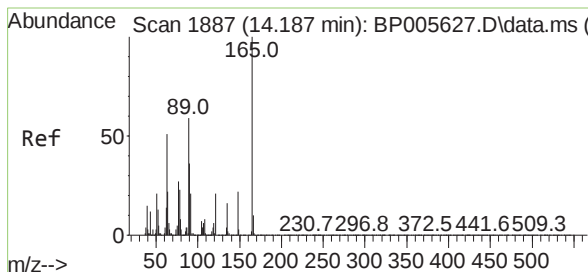
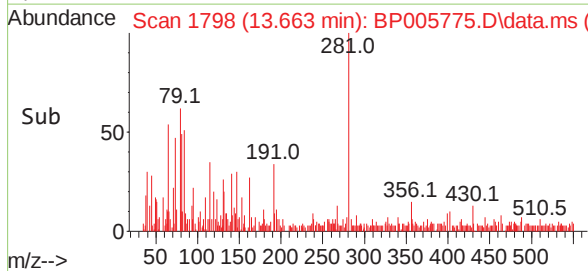
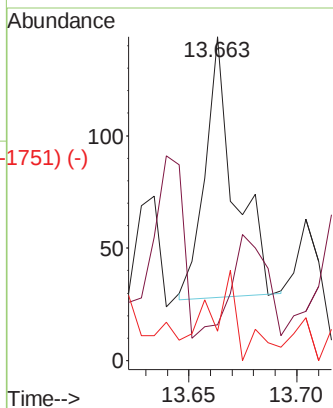
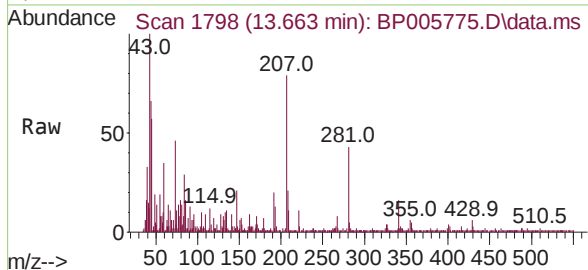




2-Nitroaniline
Concen: 4.511 ng
RT: 13.663 min Scan# 1798
Delta R.T. -0.023 min
Lab File: BP005775.D
Acq: 08 Jun 2021 11:35

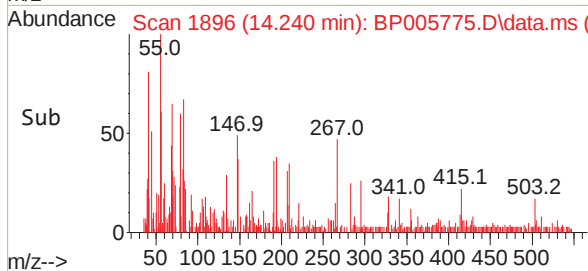
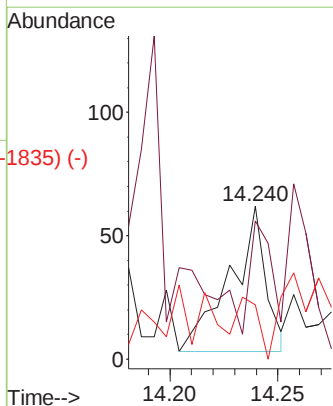
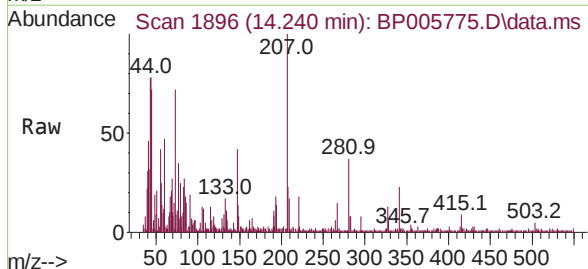
Instrument :
BNA_P
ClientSampleId :
18-B12(4-6)

Tgt Ion:	65	Resp:	110
Ion	Ratio	Lower	Upper
65	100		
92	11.1	48.8	73.2#
138	9.0	69.5	104.3#



2,6-Dinitrotoluene
Concen: 5.072 ng
RT: 14.240 min Scan# 1896
Delta R.T. 0.059 min
Lab File: BP005775.D
Acq: 08 Jun 2021 11:35

Tgt Ion:	165	Resp:	68
Ion	Ratio	Lower	Upper
165	100		
63	90.3	67.4	101.0
89	77.4	73.8	110.6



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

3-Nitroaniline

Concen: 3.655 ng

RT: 14.504 min Scan# 1941

Delta R.T. 0.000 min

Lab File: BP005775.D

Acq: 08 Jun 2021 11:35

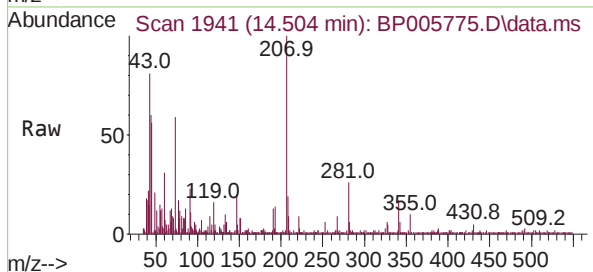
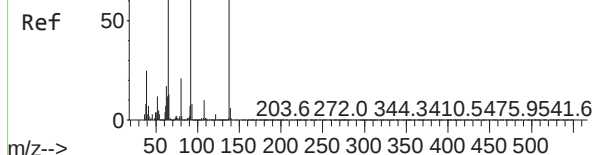
Tgt Ion:138 Resp: 12

Ion Ratio Lower Upper

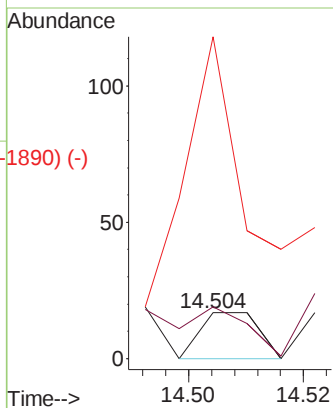
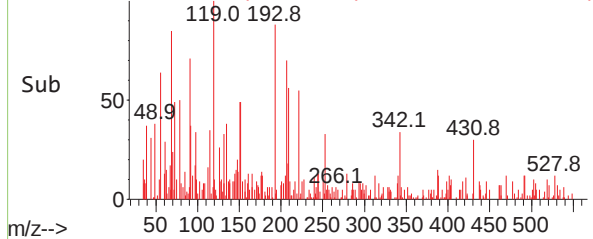
138 100

108 111.8 10.2 15.4#

92 694.1 108.1 162.1#



Abundance Scan 1941 (14.504 min): BP005775.D\data.ms (-1890) (-)



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

2,4-Dinitrophenol

Concen: 6.534 ng

RT: 14.710 min Scan# 1976

Delta R.T. -0.012 min

Lab File: BP005775.D

Acq: 08 Jun 2021 11:35

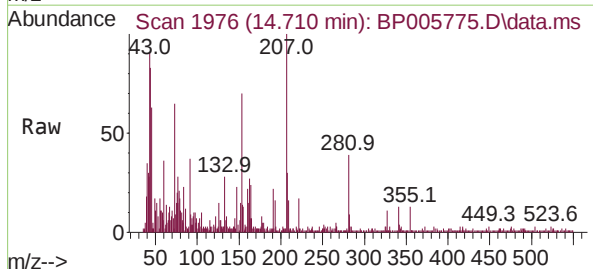
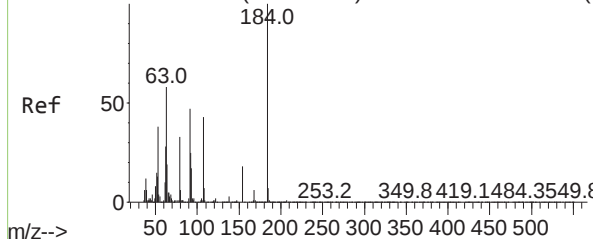
Tgt Ion:184 Resp: 15

Ion Ratio Lower Upper

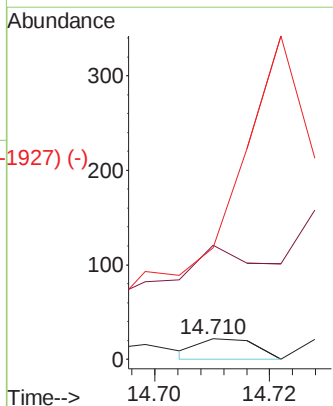
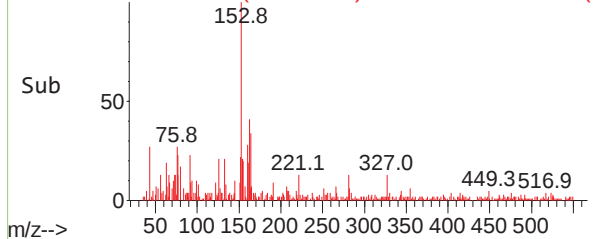
184 100

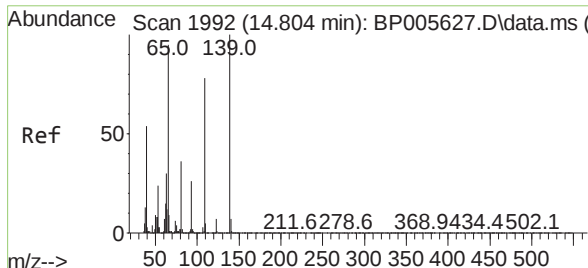
63 550.0 51.2 76.8#

154 536.4 55.8 83.8#



Abundance Scan 1976 (14.710 min): BP005775.D\data.ms (-1927) (-)

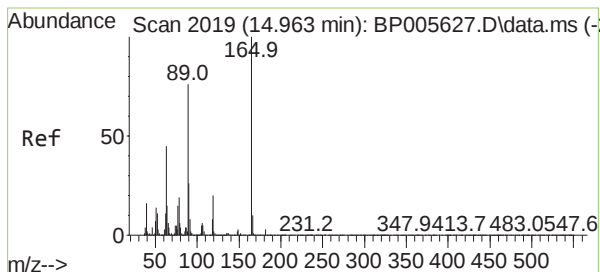
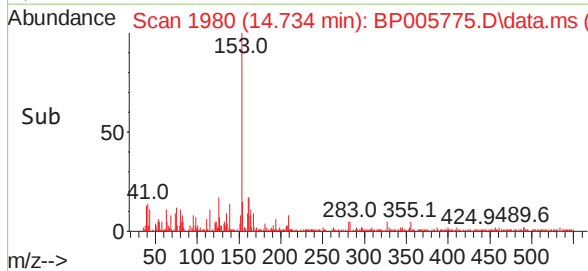
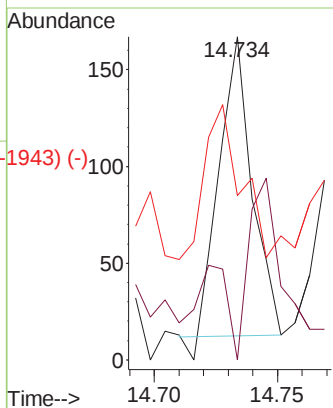
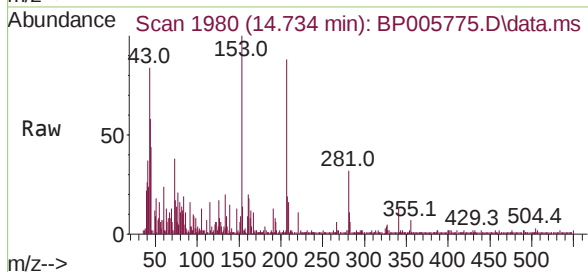




Scan 1992 (14.804 min): BP005627.D\data.ms (-1956) (-)
 4-Nitrophenol
 Concen: 3.778 ng
 RT: 14.734 min Scan# 1980
 Delta R.T. -0.082 min
 Lab File: BP005775.D
 Acq: 08 Jun 2021 11:35

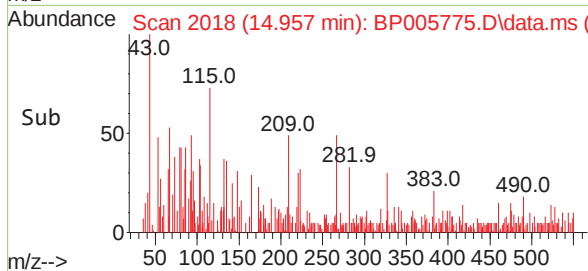
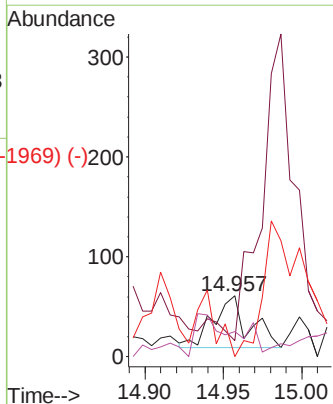
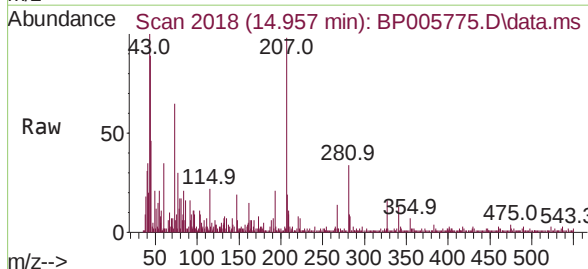
Instrument :
 BNA_P
 ClientSampleId :
 18-B12(4-6)

Tgt Ion:	139	Resp:	140
Ion	Ratio	Lower	Upper
139	100		
109	0.6	122.8	162.8#
65	50.9	110.0	150.0#

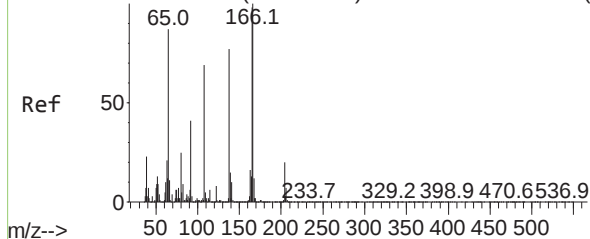


Scan 2019 (14.963 min): BP005627.D\data.ms (-2059) (-)
 2,4-Dinitrotoluene
 Concen: 4.274 ng
 RT: 14.957 min Scan# 2018
 Delta R.T. -0.012 min
 Lab File: BP005775.D
 Acq: 08 Jun 2021 11:35

Tgt Ion:	165	Resp:	83
Ion	Ratio	Lower	Upper
165	100		
63	26.2	56.7	85.1#
89	0.0	85.8	128.6#
182	41.0	3.0	4.6#



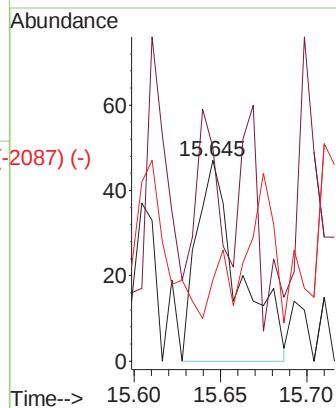
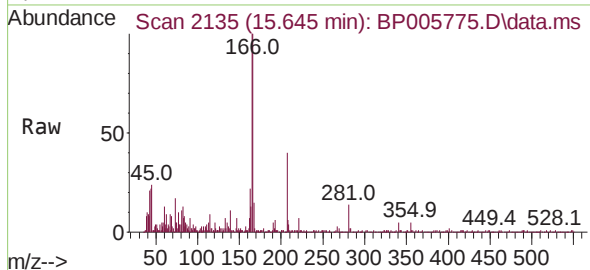
Abundance Scan 2139 (15.669 min): BP005627.D\data.ms (-2139) (-)



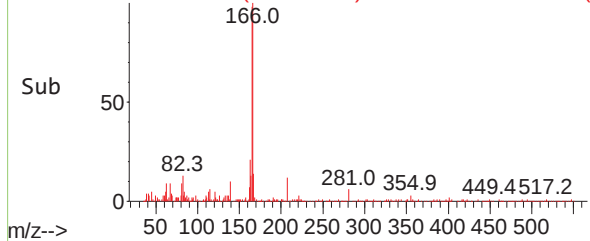
4-Nitroaniline
Concen: 3.645 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.018 min
Lab File: BP005775.D
Acq: 08 Jun 2021 11:35

Instrument :
BNA_P
ClientSampleId :
18-B12(4-6)

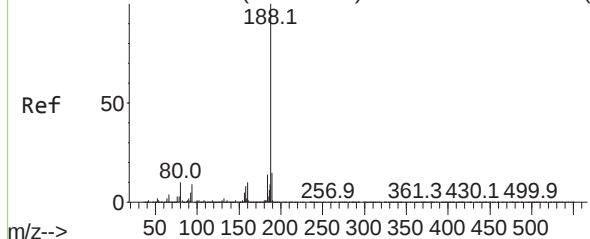
Tgt Ion:	138	Resp:	80
Ion	Ratio	Lower	Upper
138	100		
92	106.4	50.9	90.9#
108	40.4	154.7	194.7#



Abundance Scan 2135 (15.645 min): BP005775.D\data.ms (-2087) (-)

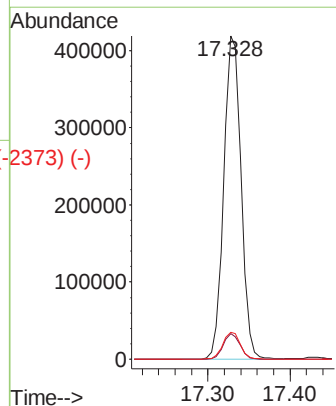
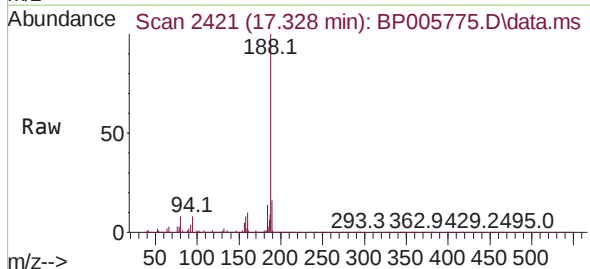


Abundance Scan 2425 (17.351 min): BP005627.D\data.ms (-2425) (-)

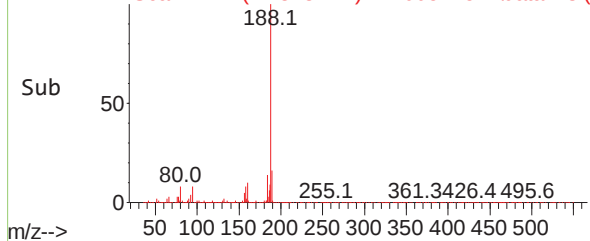


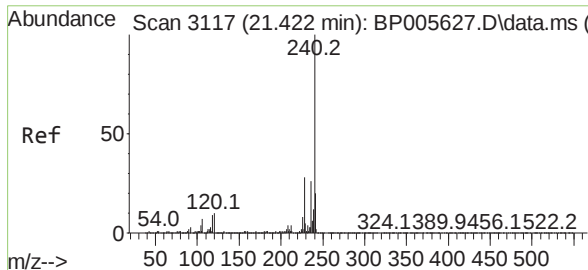
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.328 min Scan# 2421
Delta R.T. -0.018 min
Lab File: BP005775.D
Acq: 08 Jun 2021 11:35

Tgt Ion:	188	Resp:	615522
Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.0	7.6#
80	8.3	5.9	8.9



Abundance Scan 2421 (17.328 min): BP005775.D\data.ms (-2373) (-)

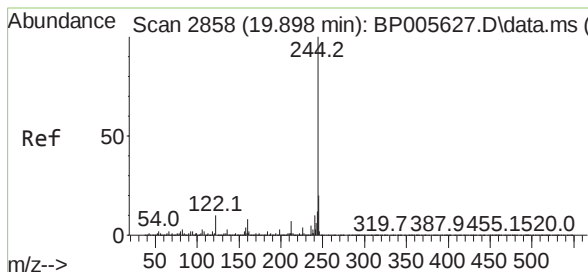
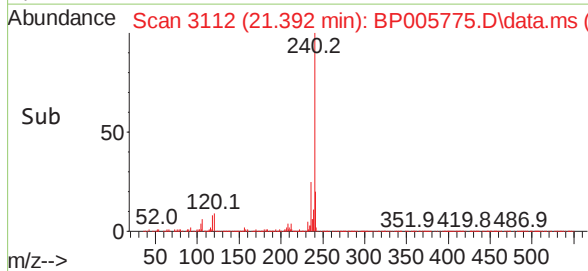
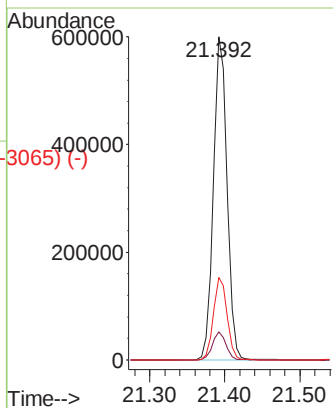
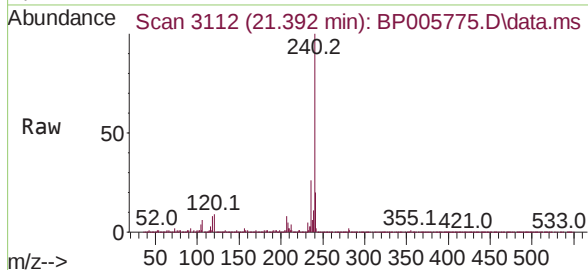




Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.023 min
Lab File: BP005775.D
Acq: 08 Jun 2021 11:35

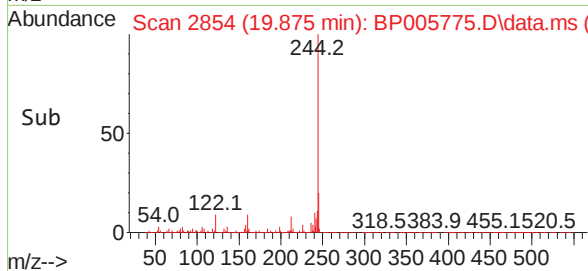
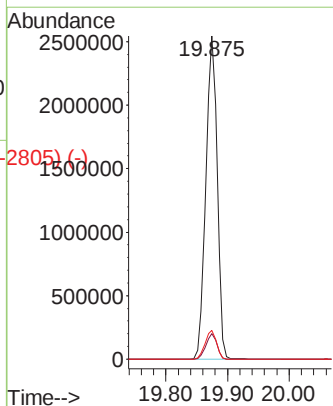
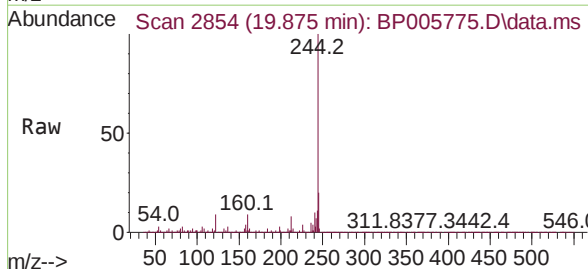
Instrument :
BNA_P
ClientSampleId :
18-B12(4-6)

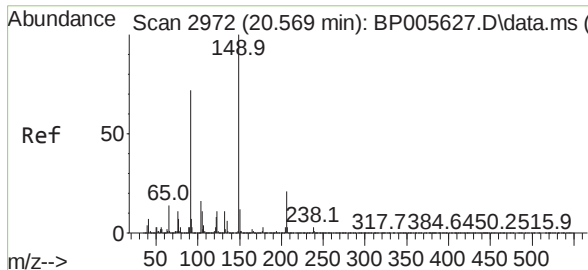
Tgt Ion:	240	Resp:	758629
Ion	Ratio	Lower	Upper
240	100		
120	8.8	4.2	6.2#
236	25.5	20.2	30.2



Terphenyl-d14
Concen: 80.481 ng
RT: 19.875 min Scan# 2854
Delta R.T. -0.012 min
Lab File: BP005775.D
Acq: 08 Jun 2021 11:35

Tgt Ion:	244	Resp:	3253790
Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.6
122	9.0	5.2	7.8#

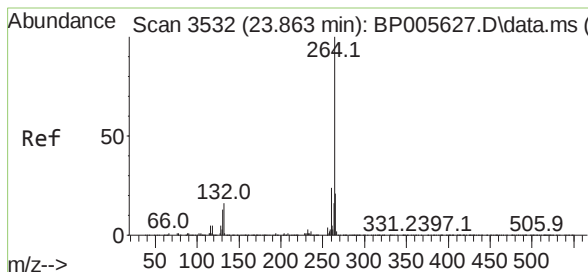
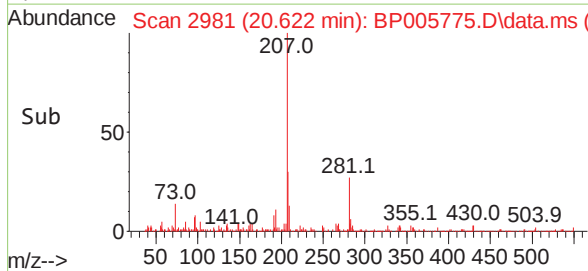
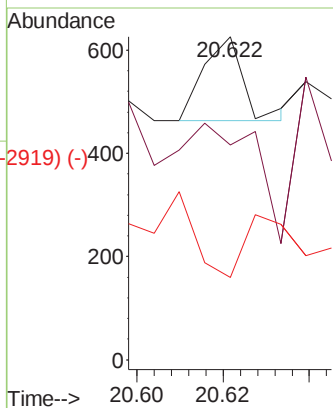
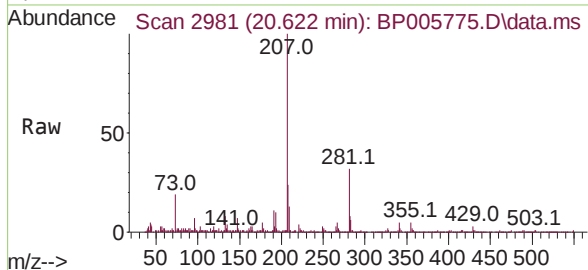




Butylbenzylphthalate
 Concen: 4.135 ng
 RT: 20.622 min Scan# 2981
 Delta R.T. 0.065 min
 Lab File: BP005775.D
 Acq: 08 Jun 2021 11:35

Instrument :
 BNA_P
 ClientSampleId :
 18-B12(4-6)

Tgt Ion:	149	Resp:	106
Ion	Ratio	Lower	Upper
149	100		
91	66.5	60.2	90.4
206	25.6	23.9	35.9



Perylene-d12
 Concen: 20.000 ng
 RT: 23.821 min Scan# 3525
 Delta R.T. -0.029 min
 Lab File: BP005775.D
 Acq: 08 Jun 2021 11:35

Tgt Ion:	264	Resp:	809242
Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.6	30.8
265	21.6	19.0	28.6

