

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
 Data File : BP005774.D
 Acq On : 08 Jun 2021 11:00
 Operator : CG/JU
 Sample : M2589-39
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B12(2-4)

Quant Time: Jun 08 11:55:24 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)

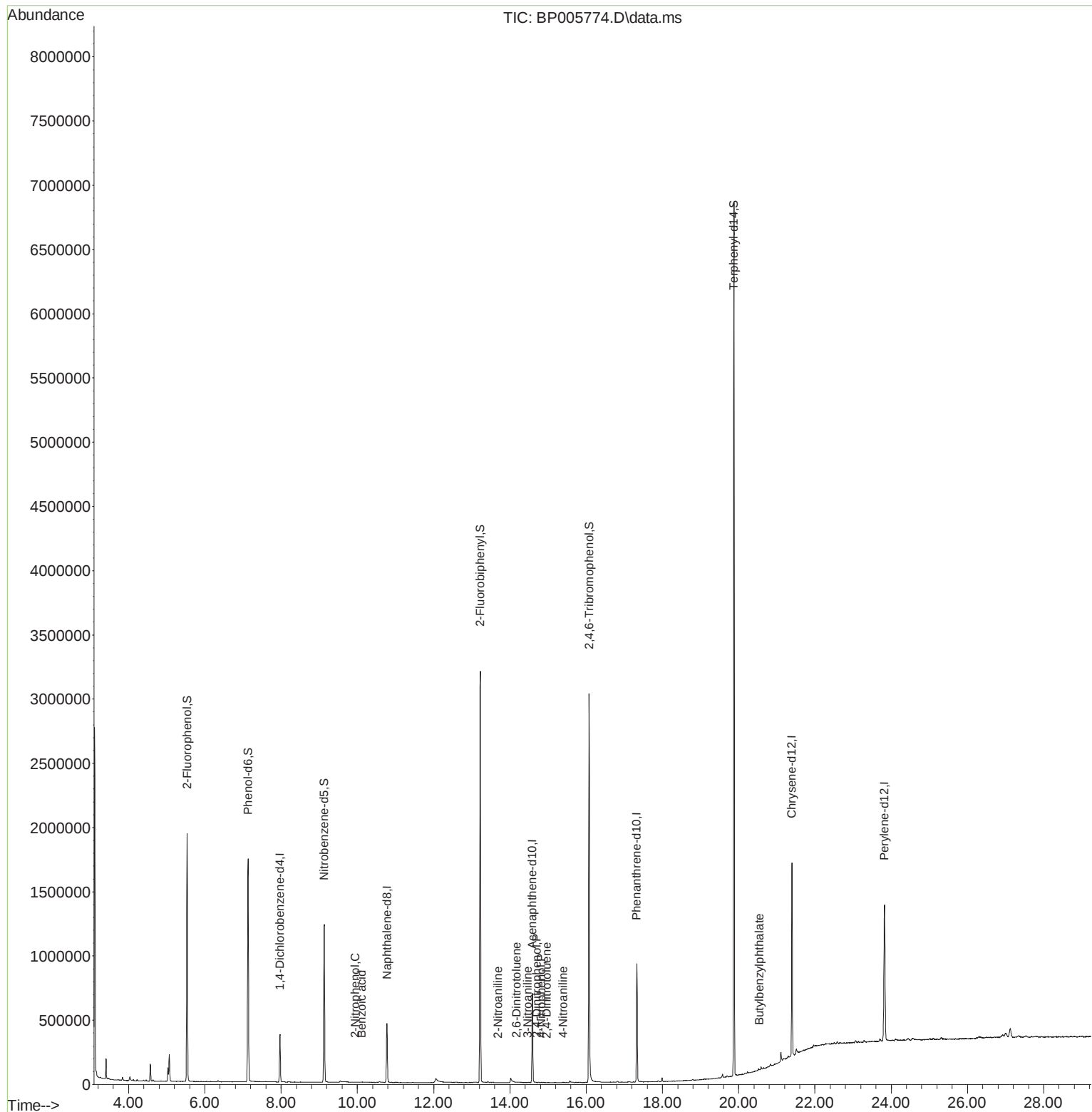
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	101008	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	387691	20.000	ng	-0.01
39) Acenaphthene-d10	14.586	164	250680	20.000	ng	-0.02
64) Phenanthrene-d10	17.328	188	579145	20.000	ng	#-0.02
76) Chrysene-d12	21.392	240	758952	20.000	ng	#-0.02
86) Perylene-d12	23.821	264	828856	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	864743	133.102	ng	0.00
7) Phenol-d6	7.134	99	964350	108.883	ng	0.00
23) Nitrobenzene-d5	9.134	82	730781	104.829	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	624796	194.371	ng	-0.02
45) 2-Fluorobiphenyl	13.222	172	1640918	86.629	ng	-0.01
79) Terphenyl-d14	19.874	244	3204973	79.240	ng	-0.01
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.940	139	24	4.163	ng	91
32) Benzoic acid	10.110	122	440	5.134	ng	# 53
48) 2-Nitroaniline	13.687	65	115	4.514	ng	# 30
51) 2,6-Dinitrotoluene	14.181	165	46	5.068	ng	# 69
53) 3-Nitroaniline	14.469	138	29	3.659	ng	# 25
54) 2,4-Dinitrophenol	14.704	184	5	6.530	ng	# 1
56) 4-Nitrophenol	14.822	139	36	3.754	ng	# 1
57) 2,4-Dinitrotoluene	14.963	165	113	4.279	ng	# 44
62) 4-Nitroaniline	15.392	138	33	3.637	ng	91
80) Butylbenzylphthalate	20.539	149	560	4.154	ng	87

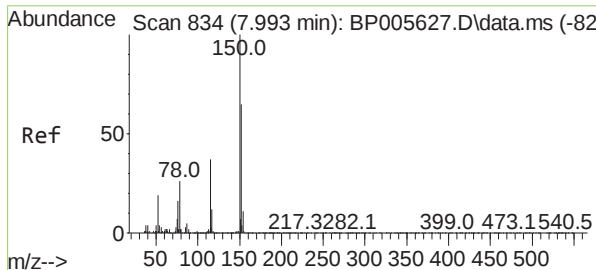
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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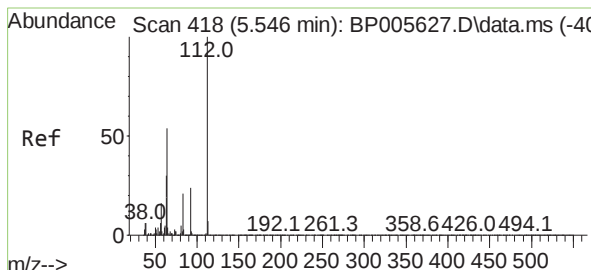
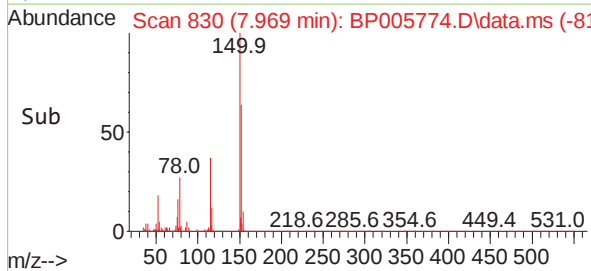
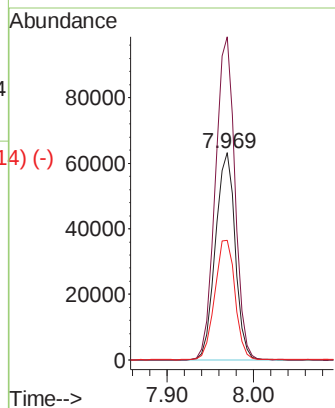
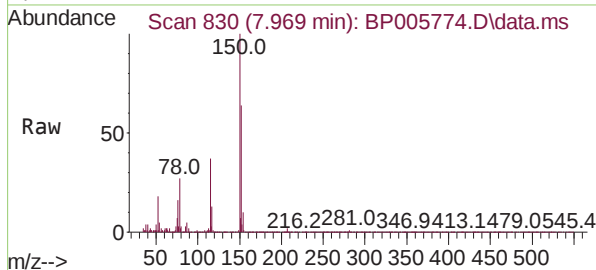




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 830
Delta R.T. -0.006 min
Lab File: BP005774.D
Acq: 08 Jun 2021 11:00

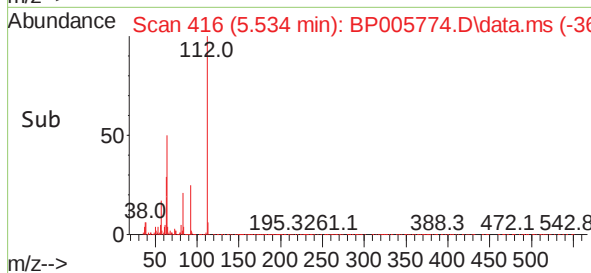
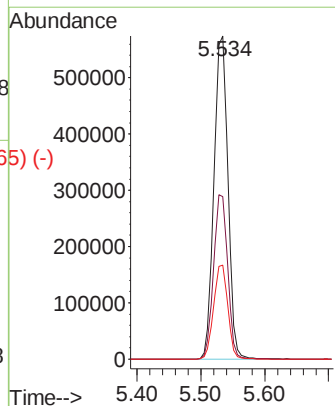
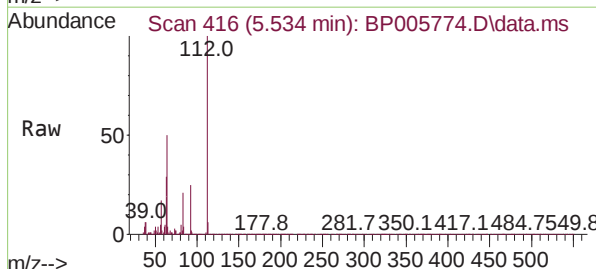
Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

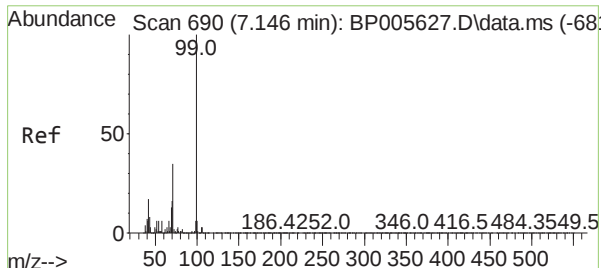
Tgt Ion:152 Resp: 101008
Ion Ratio Lower Upper
152 100
150 155.9 119.8 179.8
115 57.7 49.0 73.4



2-Fluorophenol
Concen: 133.102 ng
RT: 5.534 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP005774.D
Acq: 08 Jun 2021 11:00

Tgt Ion:112 Resp: 864743
Ion Ratio Lower Upper
112 100
64 50.4 33.6 50.4
63 29.1 18.6 27.8#

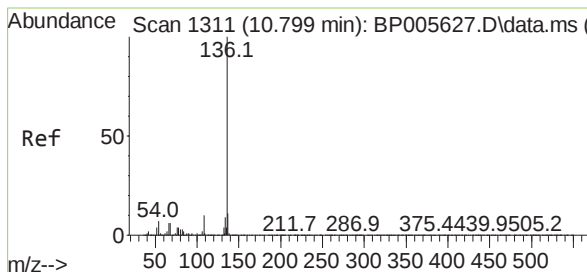
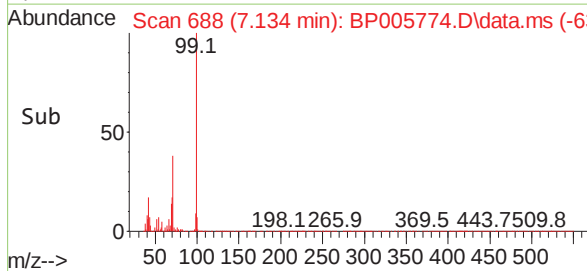
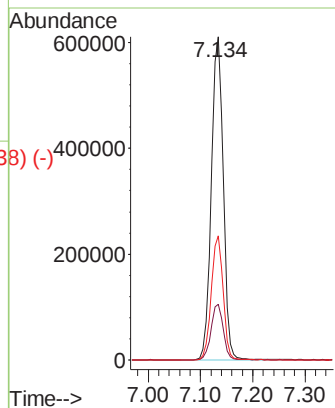
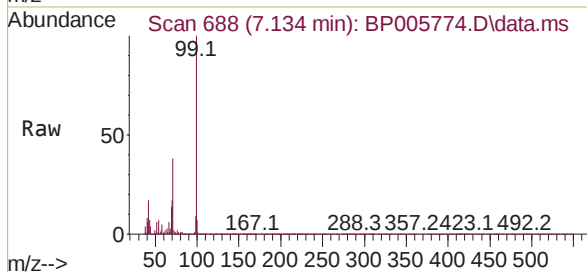




Phenol-d6
 Concen: 108.883 ng
 RT: 7.134 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: BP005774.D
 Acq: 08 Jun 2021 11:00

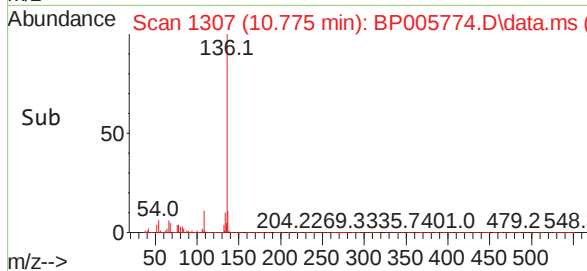
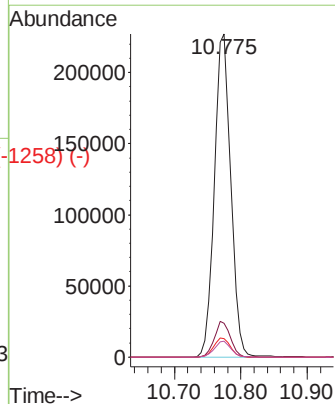
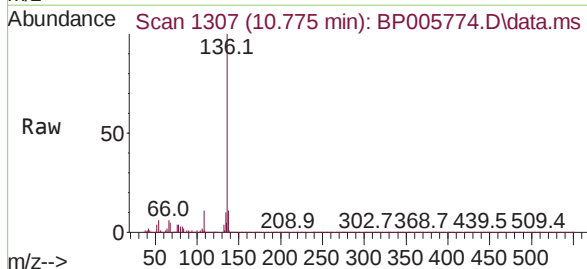
Instrument :
 BNA_P
 ClientSampleId :
 18-B12(2-4)

Tgt Ion:	99	Resp:	964350
Ion	Ratio	Lower	Upper
99	100		
42	17.2	12.9	19.3
71	38.4	26.7	40.1

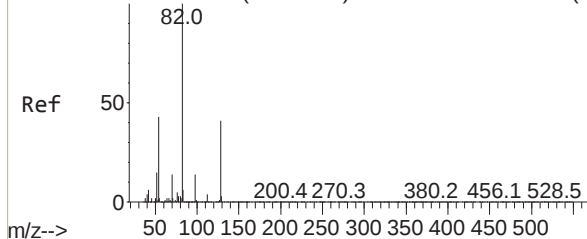


Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.775 min Scan# 1307
 Delta R.T. -0.012 min
 Lab File: BP005774.D
 Acq: 08 Jun 2021 11:00

Tgt Ion:	136	Resp:	387691
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	5.7	5.0	7.4
68	4.9	3.7	5.5



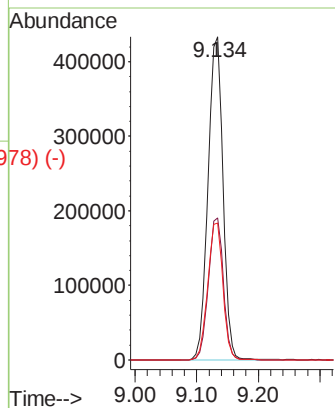
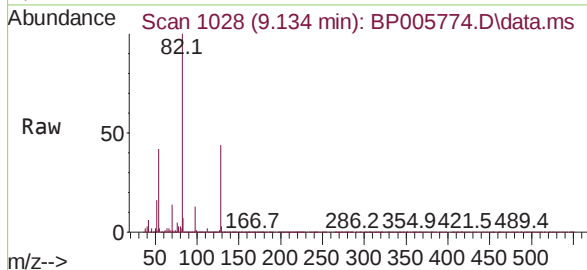
Abundance Scan 1031 (9.152 min): BP005627.D\data.ms (-1023-)



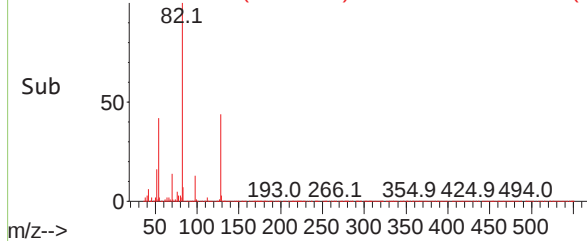
Nitrobenzene-d5
Concen: 104.829 ng
RT: 9.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP005774.D
Acq: 08 Jun 2021 11:00

Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

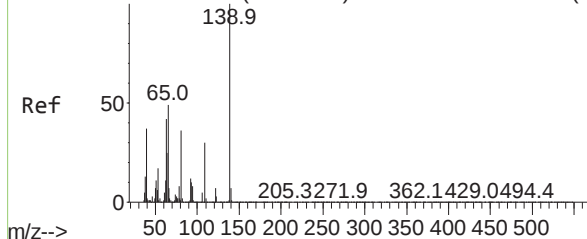
Tgt Ion:	82	Resp:	730781
Ion	Ratio	Lower	Upper
82	100		
128	43.9	30.5	45.7
54	42.3	33.9	50.9



Abundance Scan 1028 (9.134 min): BP005774.D\data.ms (-978) (-)

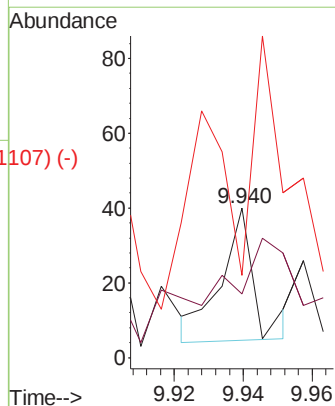
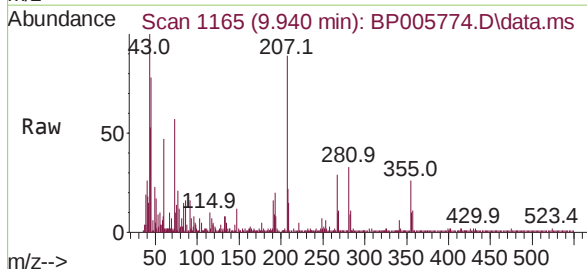


Abundance Scan 1160 (9.911 min): BP005627.D\data.ms (-1140-)

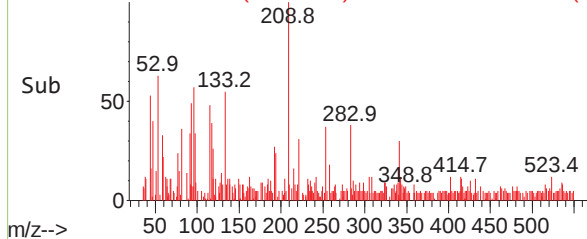


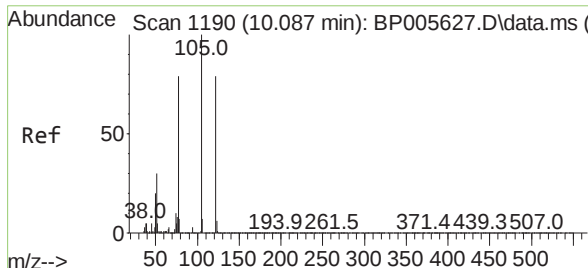
2-Nitrophenol
Concen: 4.163 ng
RT: 9.940 min Scan# 1165
Delta R.T. 0.041 min
Lab File: BP005774.D
Acq: 08 Jun 2021 11:00

Tgt Ion:	139	Resp:	24
Ion	Ratio	Lower	Upper
139	100		
109	42.5	40.7	61.1
65	55.0	47.8	71.6



Abundance Scan 1165 (9.940 min): BP005774.D\data.ms (-1107) (-)

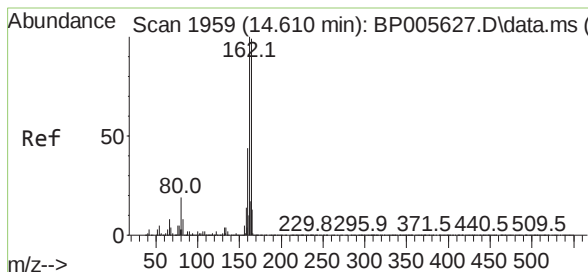
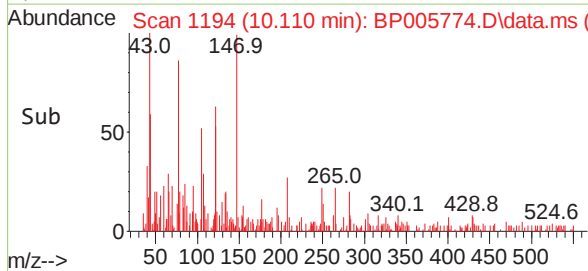
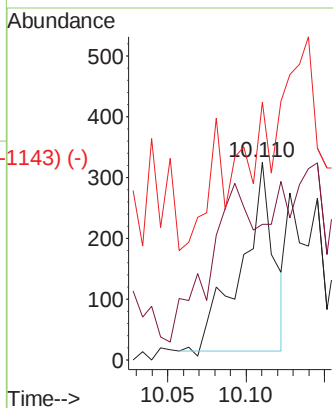
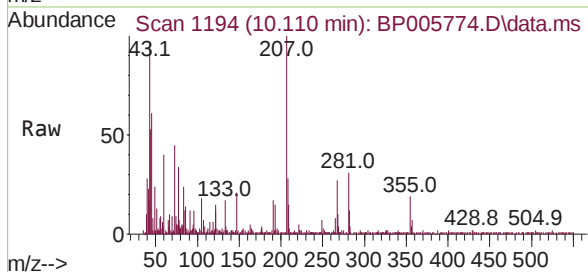




Benzoic acid
 Concen: 5.134 ng
 RT: 10.110 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: BP005774.D
 Acq: 08 Jun 2021 11:00

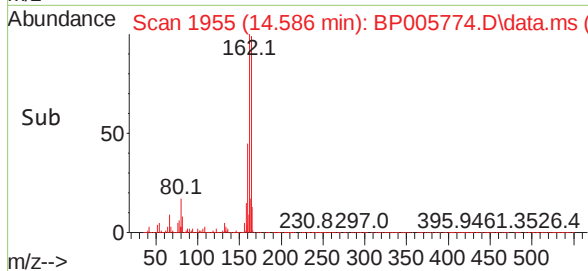
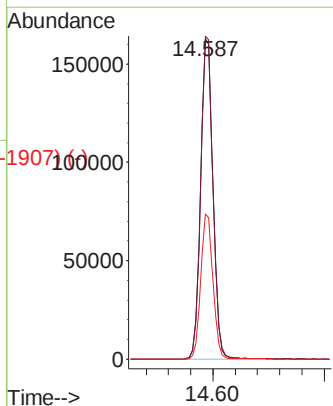
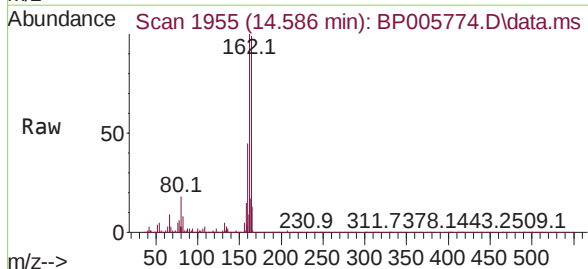
Instrument :
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 18-B12(2-4)

Tgt Ion:	122	Resp:	440
Ion	Ratio	Lower	Upper
122	100		
105	68.4	105.1	145.1#
77	130.4	69.6	109.6#

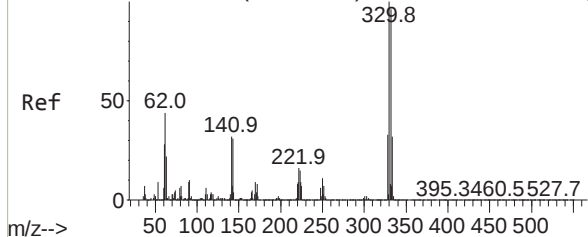


Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.586 min Scan# 1955
 Delta R.T. -0.018 min
 Lab File: BP005774.D
 Acq: 08 Jun 2021 11:00

Tgt Ion:	164	Resp:	250680
Ion	Ratio	Lower	Upper
164	100		
162	100.9	73.5	110.3
160	45.4	40.6	61.0



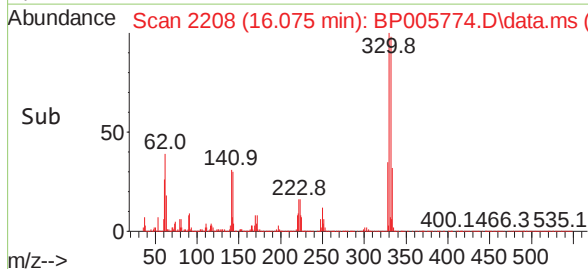
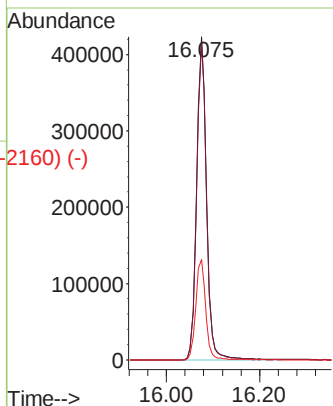
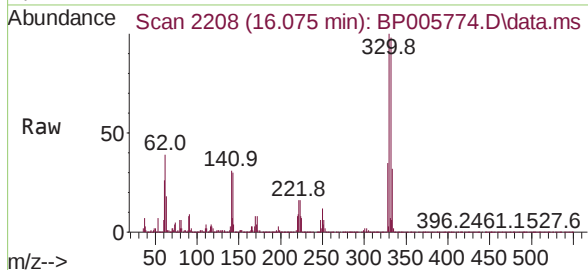
Abundance Scan 2211 (16.093 min): BP005627.D\data.ms (-2160) (-)



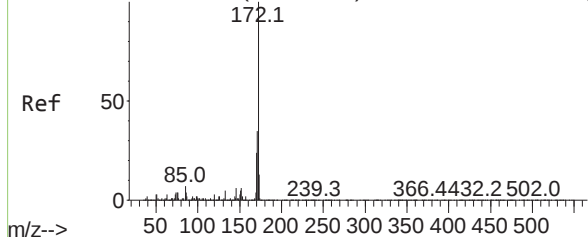
2,4,6-Tribromophenol
Concen: 194.371 ng
RT: 16.075 min Scan# 2208
Delta R.T. -0.018 min
Lab File: BP005774.D
Acq: 08 Jun 2021 11:00

Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

Tgt Ion:330 Resp: 624796
Ion Ratio Lower Upper
330 100
332 97.9 76.3 114.5
141 31.4 22.8 34.2

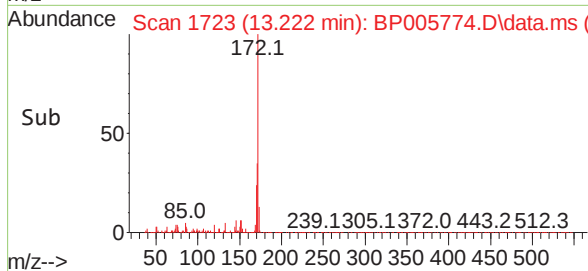
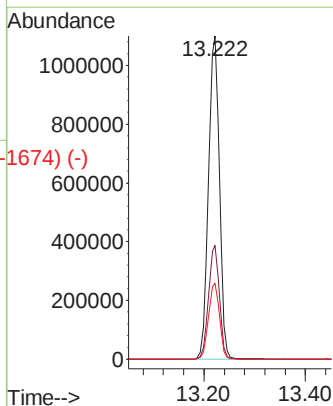
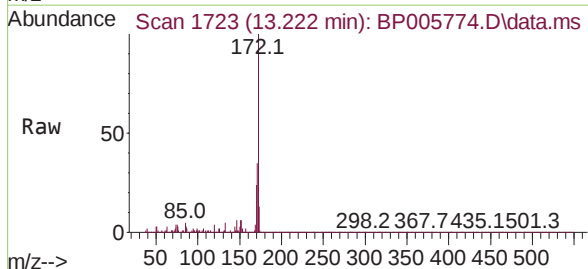


Abundance Scan 1726 (13.240 min): BP005627.D\data.ms (-1718) (-)

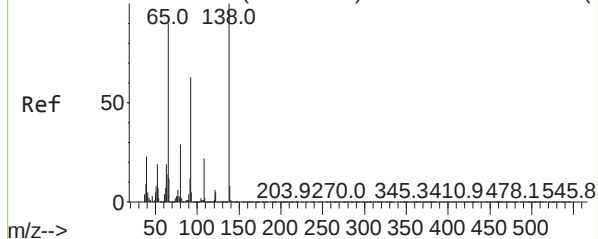


2-Fluorobiphenyl
Concen: 86.629 ng
RT: 13.222 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BP005774.D
Acq: 08 Jun 2021 11:00

Tgt Ion:172 Resp: 1640918
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.6 19.6 29.4



Abundance Scan 1803 (13.693 min): BP005627.D\data.ms (-1744) (-)

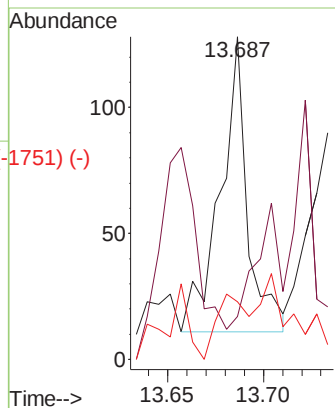
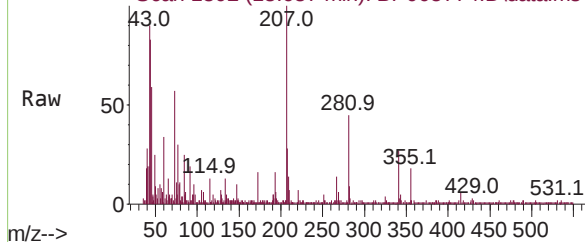


2-Nitroaniline
Concen: 4.514 ng
RT: 13.687 min Scan# 1802
Delta R.T. -0.000 min
Lab File: BP005774.D
Acq: 08 Jun 2021 11:00

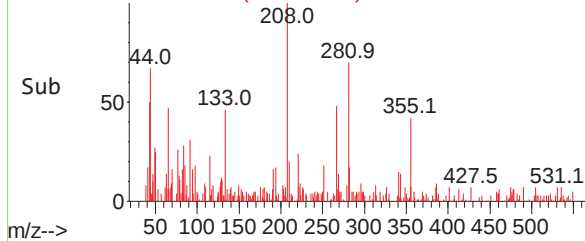
Instrument :
BNA_P
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18-B12(2-4)

Tgt Ion:	65	Resp:	115
Ion	Ratio	Lower	Upper
65	100		
92	13.3	48.8	73.2#
138	18.0	69.5	104.3#

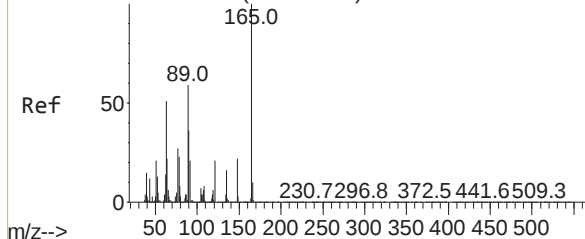
Abundance Scan 1802 (13.687 min): BP005774.D\data.ms



Abundance Scan 1802 (13.687 min): BP005774.D\data.ms (-1751) (-)



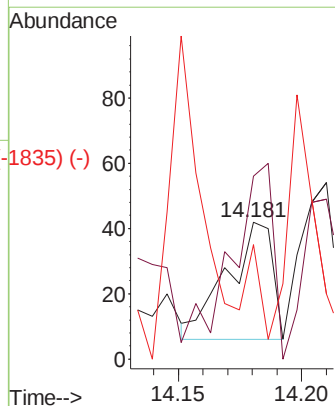
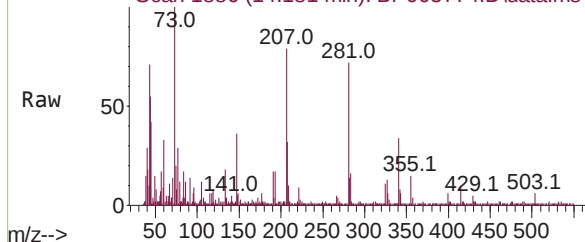
Abundance Scan 1887 (14.187 min): BP005627.D\data.ms (-1759) (-)



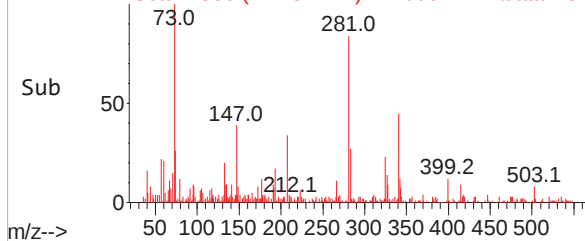
2,6-Dinitrotoluene
Concen: 5.068 ng
RT: 14.181 min Scan# 1886
Delta R.T. -0.000 min
Lab File: BP005774.D
Acq: 08 Jun 2021 11:00

Tgt Ion:	165	Resp:	46
Ion	Ratio	Lower	Upper
165	100		
63	133.3	67.4	101.0#
89	83.3	73.8	110.6

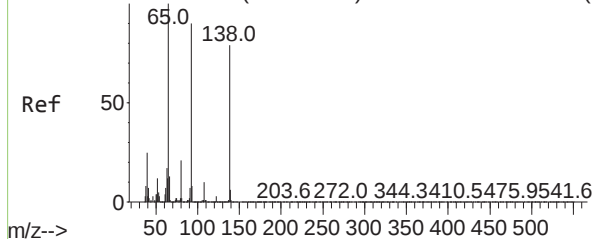
Abundance Scan 1886 (14.181 min): BP005774.D\data.ms



Abundance Scan 1886 (14.181 min): BP005774.D\data.ms (-1835) (-)



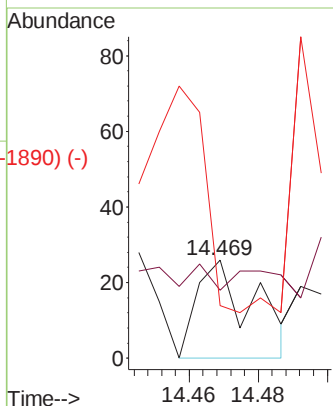
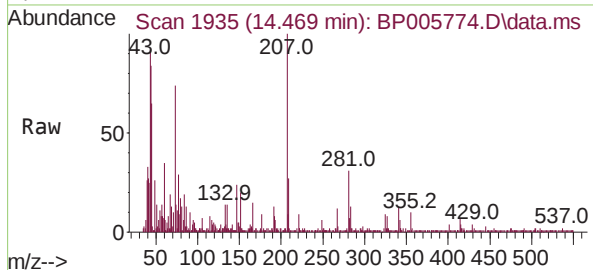
Abundance Scan 1942 (14.510 min): BP005627.D\data.ms (-1953) (-)



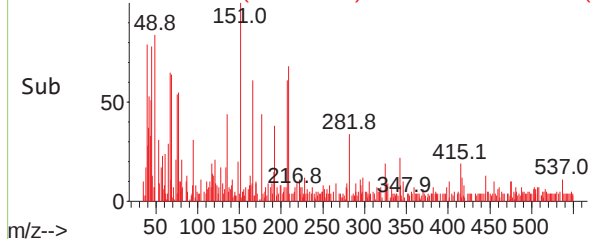
3-Nitroaniline
Concen: 3.659 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.035 min
Lab File: BP005774.D
Acq: 08 Jun 2021 11:00

Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

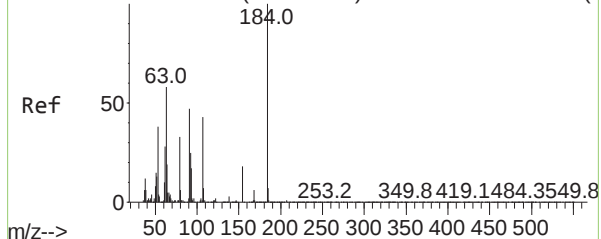
Tgt Ion:	138	Resp:	29
Ion	Ratio	Lower	Upper
138	100		
108	69.2	10.2	15.4#
92	53.8	108.1	162.1#



Abundance Scan 1935 (14.469 min): BP005774.D\data.ms (-1890) (-)

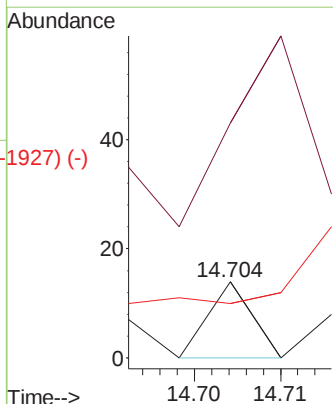
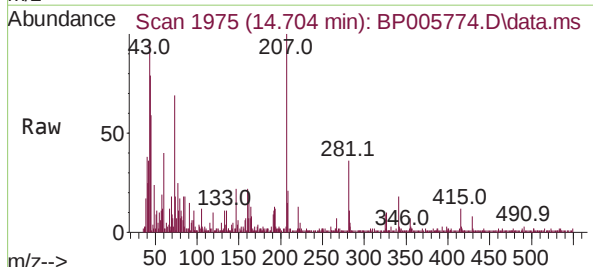


Abundance Scan 1976 (14.710 min): BP005627.D\data.ms (-1956) (-)

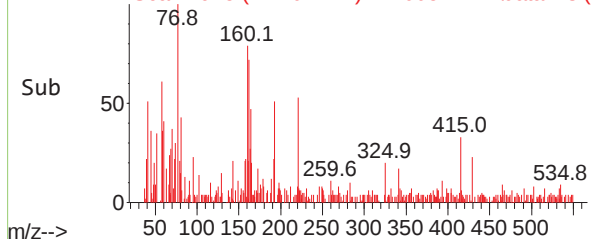


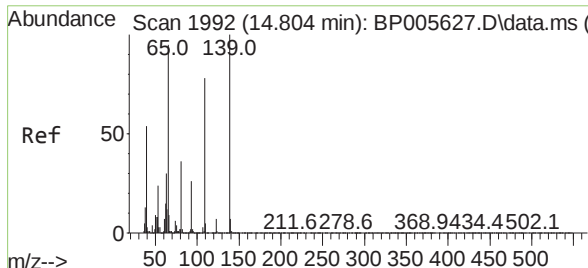
2,4-Dinitrophenol
Concen: 6.530 ng
RT: 14.704 min Scan# 1975
Delta R.T. -0.018 min
Lab File: BP005774.D
Acq: 08 Jun 2021 11:00

Tgt Ion:	184	Resp:	5
Ion	Ratio	Lower	Upper
184	100		
63	307.1	51.2	76.8#
154	71.4	55.8	83.8



Abundance Scan 1975 (14.704 min): BP005774.D\data.ms (-1927) (-)

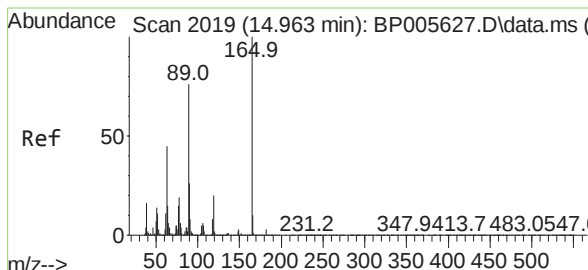
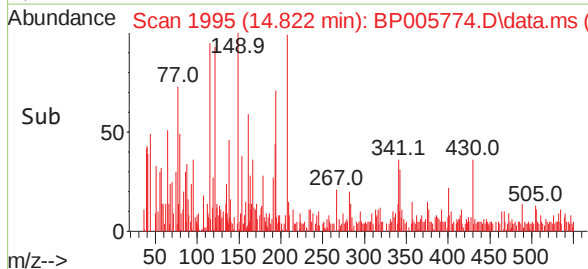
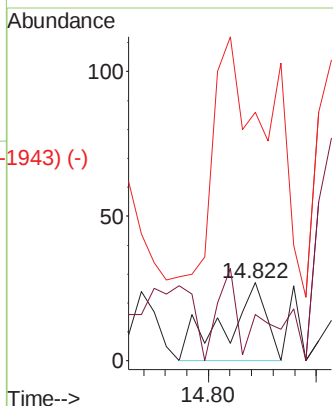
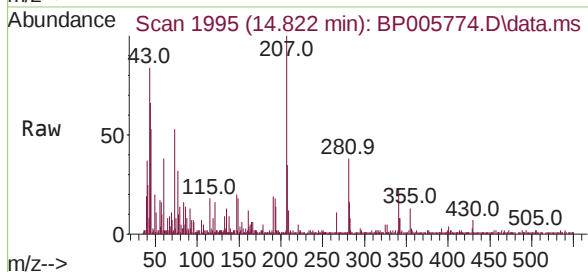




4-Nitrophenol
 Concen: 3.754 ng
 RT: 14.822 min Scan# 1995
 Delta R.T. 0.006 min
 Lab File: BP005774.D
 Acq: 08 Jun 2021 11:00

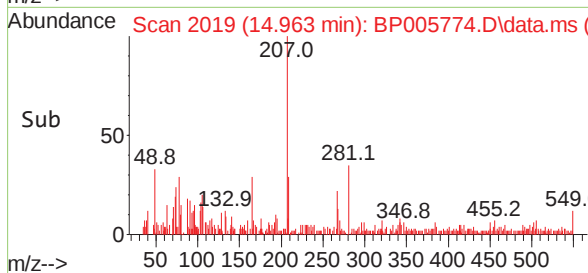
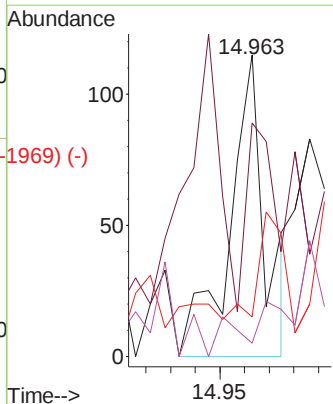
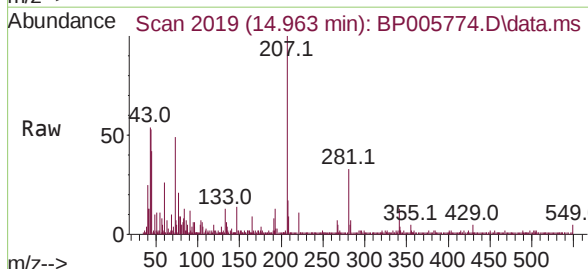
Instrument :
 BNA_P
 ClientSampleId :
 18-B12(2-4)

Tgt Ion:	139	Resp:	36
Ion	Ratio	Lower	Upper
139	100		
109	59.3	122.8	162.8#
65	318.5	110.0	150.0#

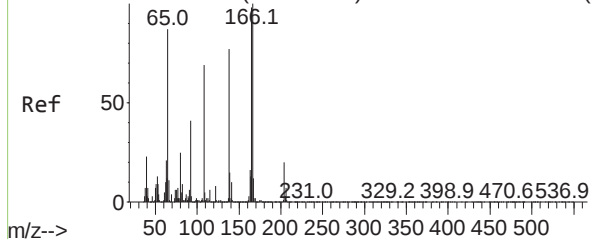


2,4-Dinitrotoluene
 Concen: 4.279 ng
 RT: 14.963 min Scan# 2019
 Delta R.T. -0.006 min
 Lab File: BP005774.D
 Acq: 08 Jun 2021 11:00

Tgt Ion:	165	Resp:	113
Ion	Ratio	Lower	Upper
165	100		
63	77.4	56.7	85.1
89	13.0	85.8	128.6#
182	4.3	3.0	4.6



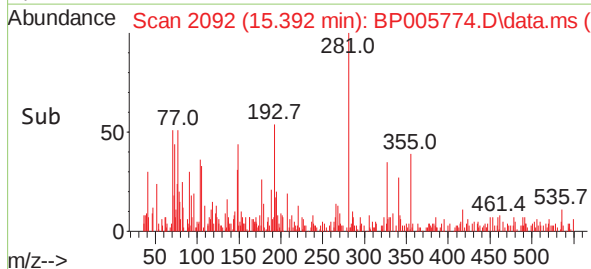
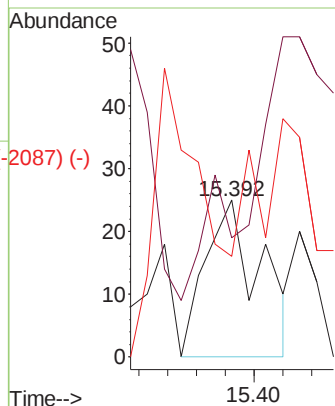
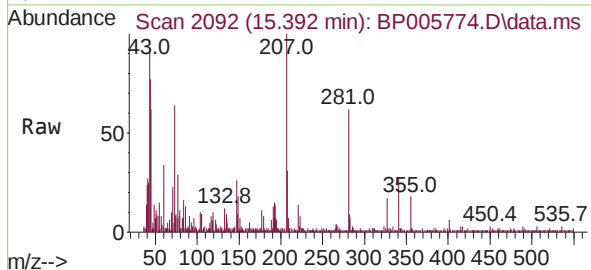
Abundance Scan 2139 (15.669 min): BP005627.D\data.ms (-2139) (-)



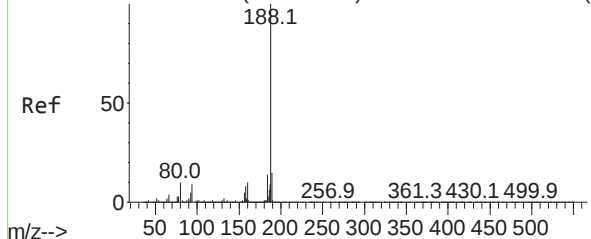
4-Nitroaniline
Concen: 3.637 ng
RT: 15.392 min Scan# 2092
Delta R.T. -0.271 min
Lab File: BP005774.D
Acq: 08 Jun 2021 11:00

Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

Tgt Ion:138 Resp: 33
Ion Ratio Lower Upper
138 100
92 76.0 50.9 90.9
108 188.0 154.7 194.7

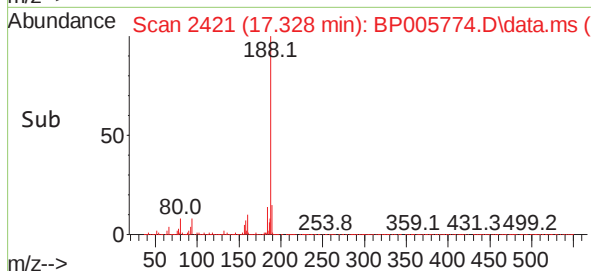
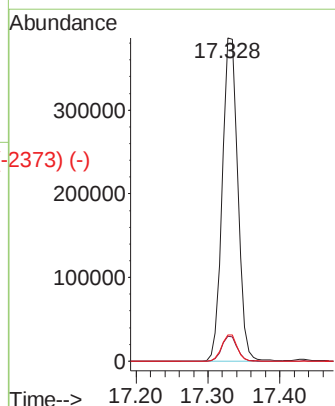
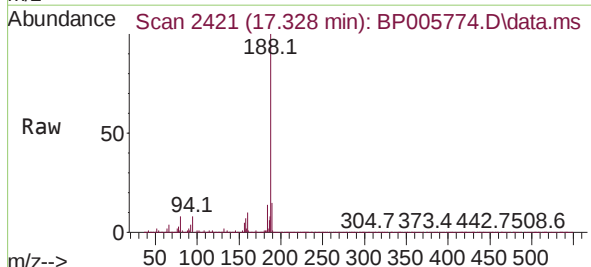


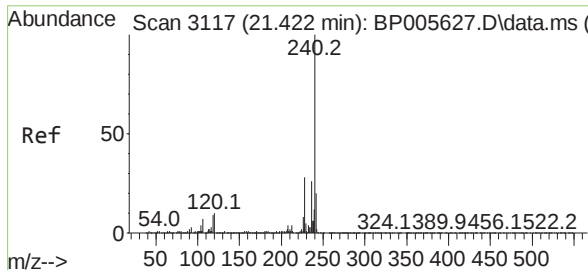
Abundance Scan 2425 (17.351 min): BP005627.D\data.ms (-2425) (-)



Phenanthrene-d10
Concen: 20.000 ng
RT: 17.328 min Scan# 2421
Delta R.T. -0.018 min
Lab File: BP005774.D
Acq: 08 Jun 2021 11:00

Tgt Ion:188 Resp: 579145
Ion Ratio Lower Upper
188 100
94 7.7 5.0 7.6#
80 8.1 5.9 8.9

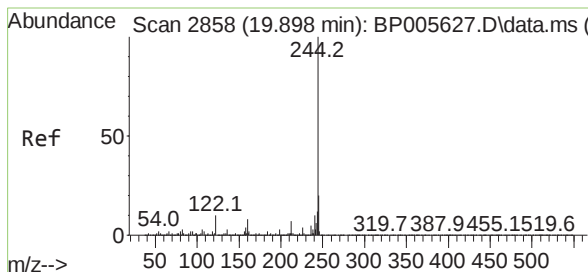
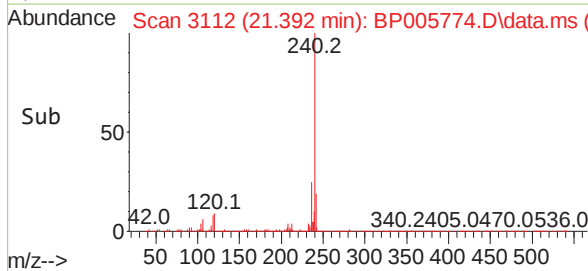
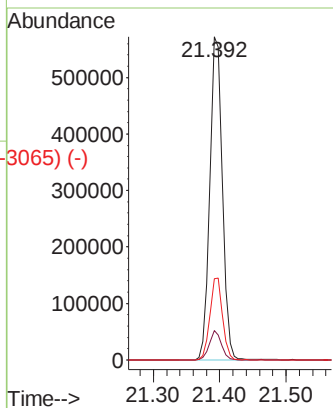
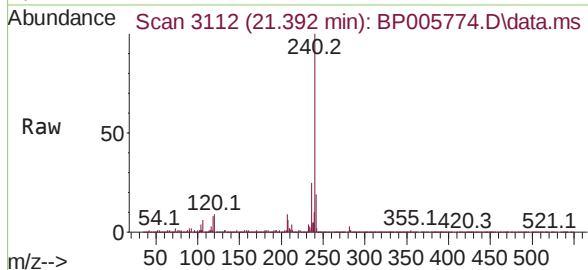




Chrysene-d12
 Concen: 20.000 ng
 RT: 21.392 min Scan# 3112
 Delta R.T. -0.024 min
 Lab File: BP005774.D
 Acq: 08 Jun 2021 11:00

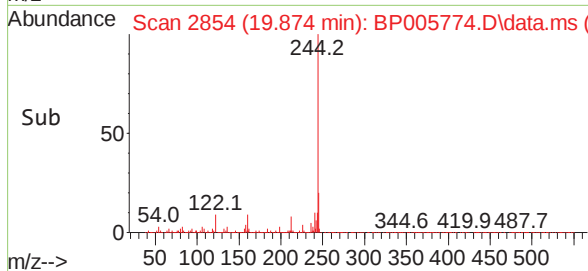
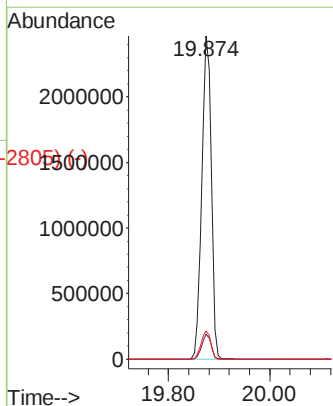
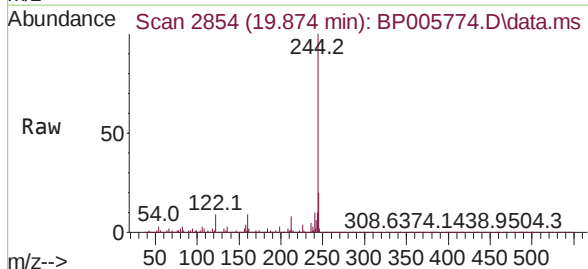
Instrument :
 BNA_P
 ClientSampleId :
 18-B12(2-4)

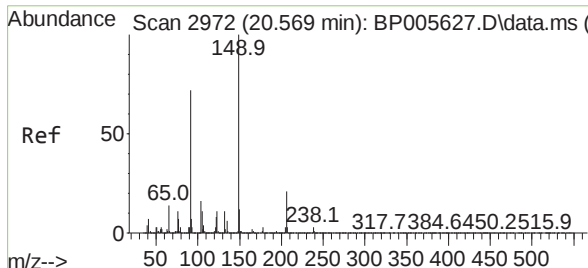
Tgt Ion:	240	Resp:	758952
Ion	Ratio	Lower	Upper
240	100		
120	9.1	4.2	6.2#
236	25.1	20.2	30.2



Terphenyl-d14
 Concen: 79.240 ng
 RT: 19.874 min Scan# 2854
 Delta R.T. -0.012 min
 Lab File: BP005774.D
 Acq: 08 Jun 2021 11:00

Tgt Ion:	244	Resp:	3204973
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	8.7	5.2	7.8#

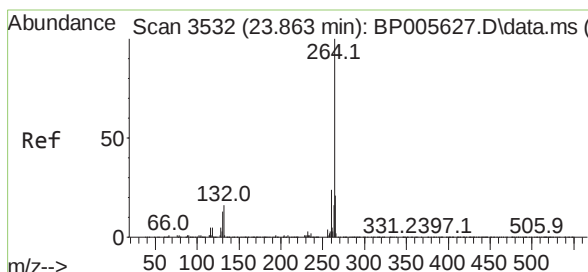
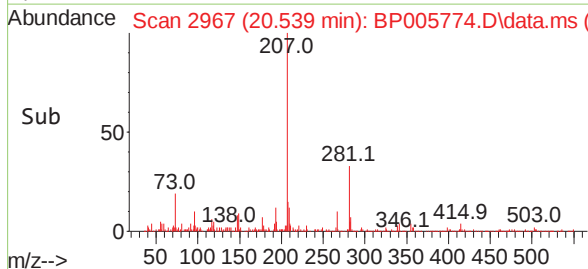
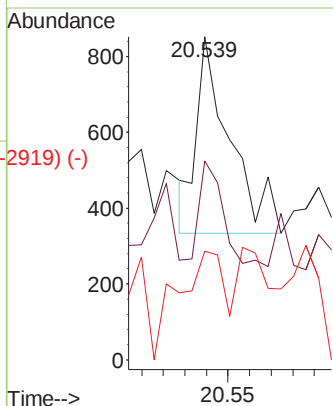
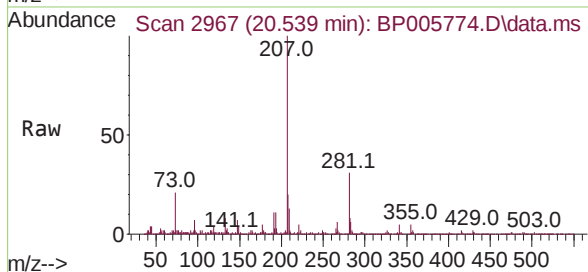




#88 (-)
Butylbenzylphthalate
Concen: 4.154 ng
RT: 20.539 min Scan# 2967
Delta R.T. -0.018 min
Lab File: BP005774.D
Acq: 08 Jun 2021 11:00

Instrument :
BNA_P
ClientSampleId :
18-B12(2-4)

Tgt Ion:	149	Resp:	560
Ion	Ratio	Lower	Upper
149	100		
91	61.6	60.2	90.4
206	33.7	23.9	35.9



#89 (-)
Perylene-d12
Concen: 20.000 ng
RT: 23.821 min Scan# 3525
Delta R.T. -0.029 min
Lab File: BP005774.D
Acq: 08 Jun 2021 11:00

Tgt Ion:	264	Resp:	828856
Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.6	30.8
265	21.2	19.0	28.6

