

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
 Data File : BP005773.D
 Acq On : 08 Jun 2021 10:26
 Operator : CG/JU
 Sample : M2589-38
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B12(0-2)

Quant Time: Jun 08 10:55:13 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)

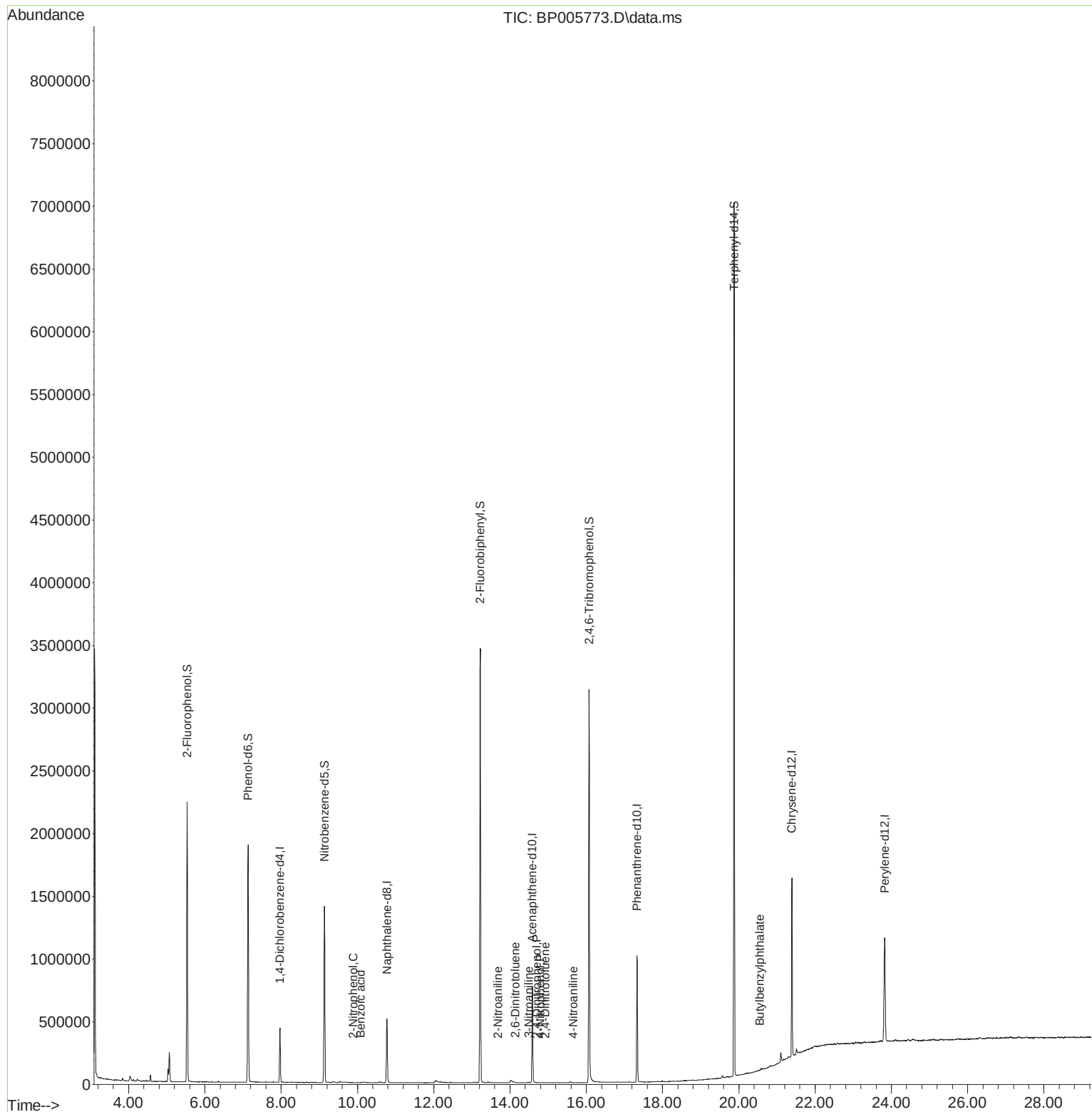
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	117241	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	438749	20.000	ng	-0.01
39) Acenaphthene-d10	14.587	164	277331	20.000	ng	-0.02
64) Phenanthrene-d10	17.328	188	620705	20.000	ng	-0.02
76) Chrysene-d12	21.392	240	714137	20.000	ng	#-0.02
86) Perylene-d12	23.821	264	677423	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	955022	126.645	ng	0.00
7) Phenol-d6	7.134	99	1043392	101.496	ng	0.00
23) Nitrobenzene-d5	9.134	82	806687	102.252	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	656475	184.600	ng	-0.02
45) 2-Fluorobiphenyl	13.222	172	1810276	86.386	ng	-0.01
79) Terphenyl-d14	19.875	244	3219249	84.588	ng	-0.01
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.893	139	4	4.157	ng	# 64
32) Benzoic acid	10.087	122	577	5.153	ng	# 52
48) 2-Nitroaniline	13.687	65	219	4.533	ng	# 44
51) 2,6-Dinitrotoluene	14.140	165	75	5.072	ng	# 57
53) 3-Nitroaniline	14.498	138	6	3.654	ng	# 30
54) 2,4-Dinitrophenol	14.704	184	14	6.533	ng	# 1
56) 4-Nitrophenol	14.792	139	31	3.752	ng	# 1
57) 2,4-Dinitrotoluene	14.928	165	35	4.266	ng	# 77
62) 4-Nitroaniline	15.663	138	28	3.635	ng	# 14
80) Butylbenzylphthalate	20.545	149	307	4.144	ng	# 79

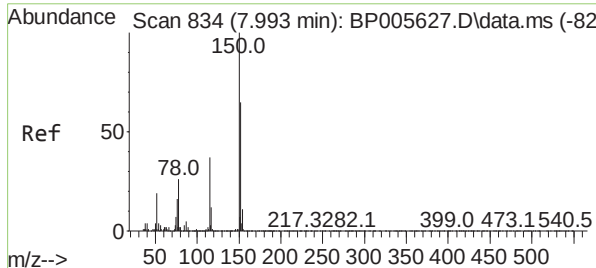
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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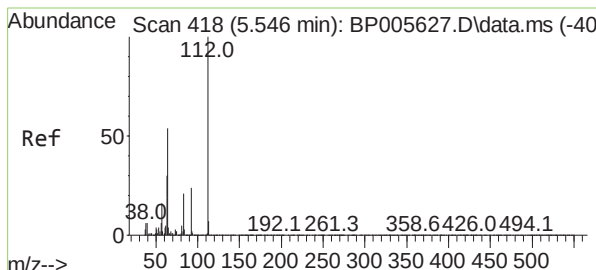
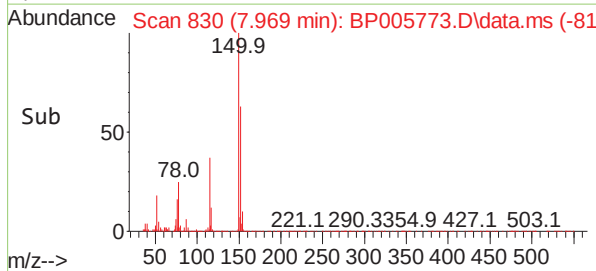
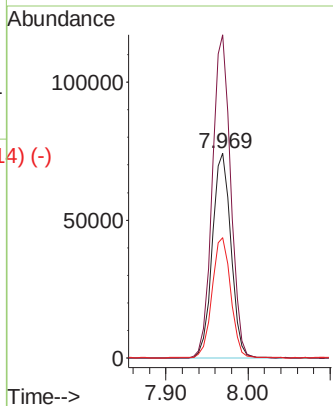
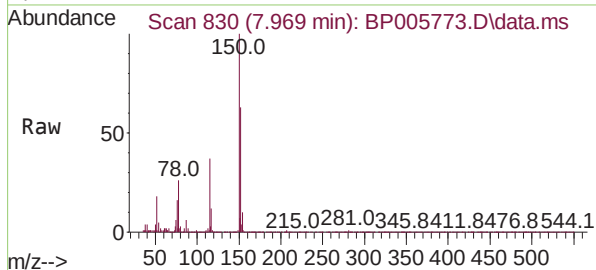




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.969 min Scan# 830
 Delta R.T. -0.006 min
 Lab File: BP005773.D
 Acq: 08 Jun 2021 10:26

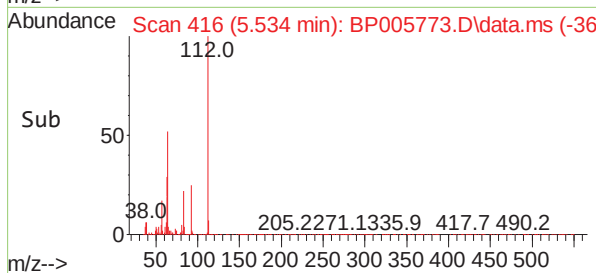
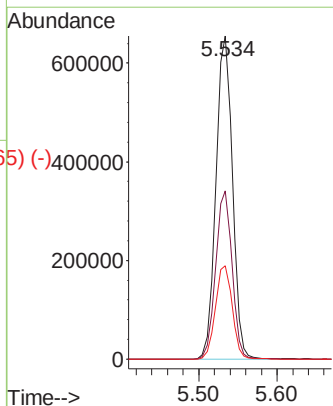
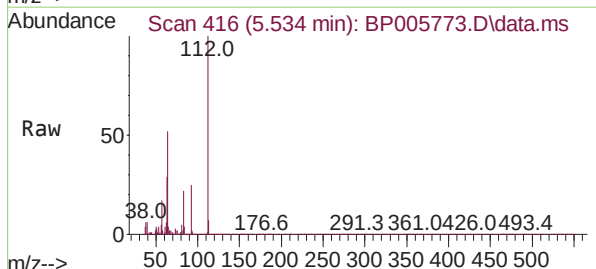
Instrument :
 BNA_P
 ClientSampleId :
 18-B12(0-2)

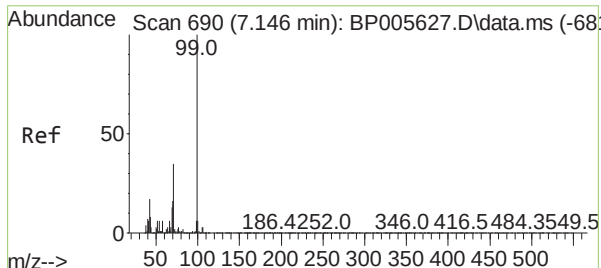
Tgt Ion:	152	Resp:	117241
Ion	Ratio	Lower	Upper
152	100		
150	157.7	119.8	179.8
115	58.7	49.0	73.4



2-Fluorophenol
 Concen: 126.645 ng
 RT: 5.534 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: BP005773.D
 Acq: 08 Jun 2021 10:26

Tgt Ion:	112	Resp:	955022
Ion	Ratio	Lower	Upper
112	100		
64	52.0	33.6	50.4#
63	29.0	18.6	27.8#



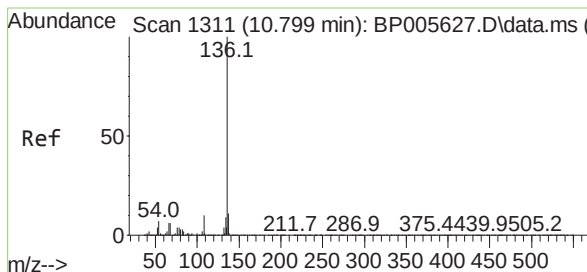
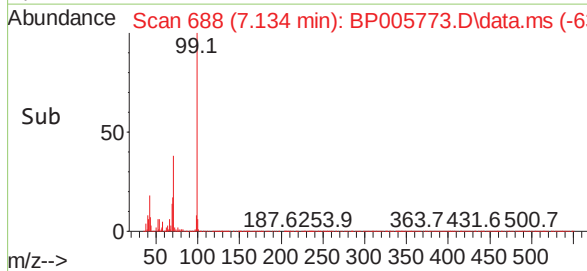
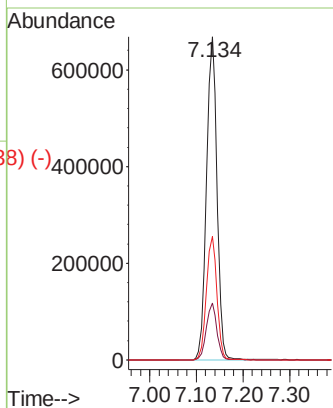
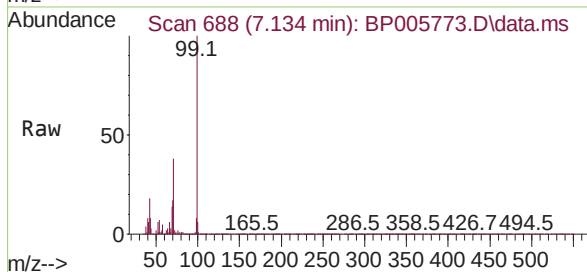


Phenol-d6
 Concen: 101.496 ng
 RT: 7.134 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: BP005773.D
 Acq: 08 Jun 2021 10:26

Instrument :
 BNA_P
 ClientSampleId :
 18-B12(0-2)

Tgt Ion: 99 Resp: 1043392

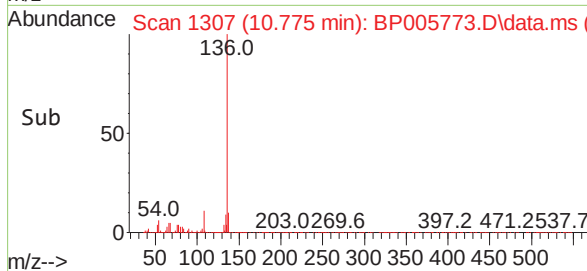
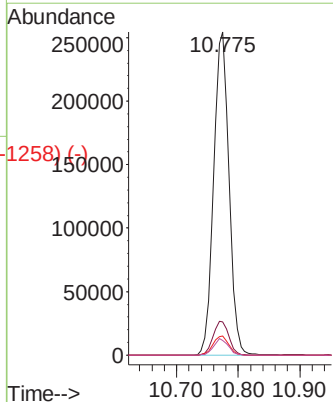
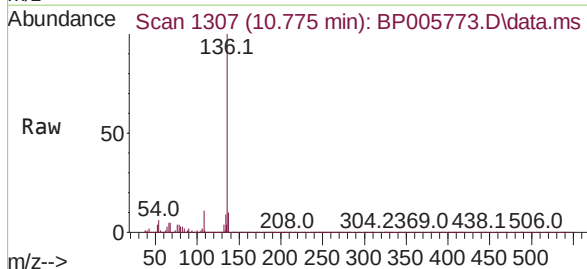
Ion	Ratio	Lower	Upper
99	100		
42	17.6	12.9	19.3
71	38.2	26.7	40.1



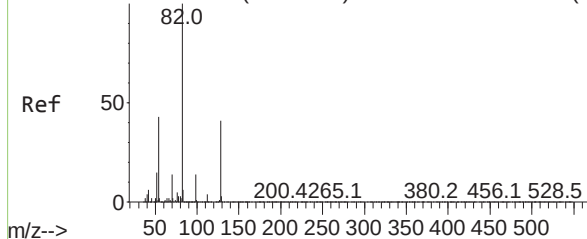
Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.775 min Scan# 1307
 Delta R.T. -0.012 min
 Lab File: BP005773.D
 Acq: 08 Jun 2021 10:26

Tgt Ion: 136 Resp: 438749

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	5.8	5.0	7.4
68	4.5	3.7	5.5



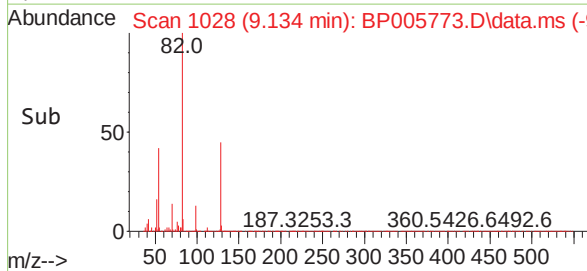
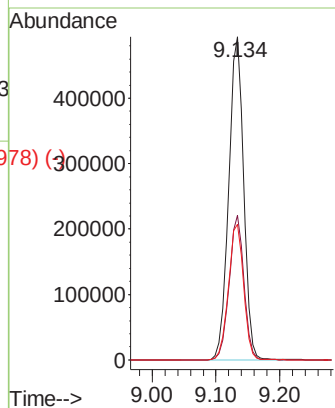
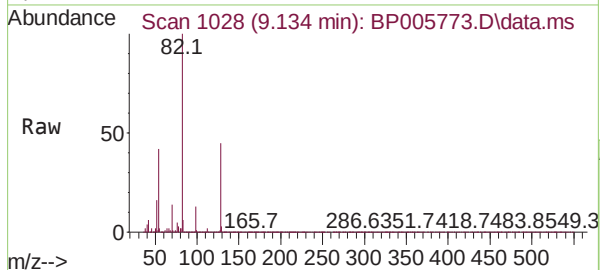
Abundance Scan 1031 (9.152 min): BP005627.D\data.ms (-1023-)



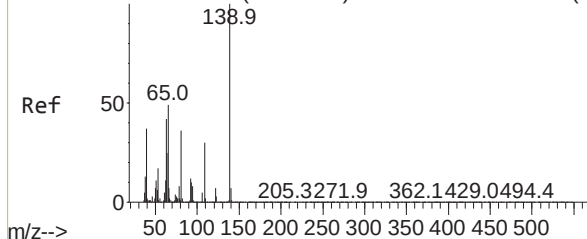
Nitrobenzene-d5
Concen: 102.252 ng
RT: 9.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP005773.D
Acq: 08 Jun 2021 10:26

Instrument :
BNA_P
ClientSampleId :
18-B12(0-2)

Tgt Ion:	82	Resp:	806687
Ion	Ratio	Lower	Upper
82	100		
128	44.8	30.5	45.7
54	42.0	33.9	50.9

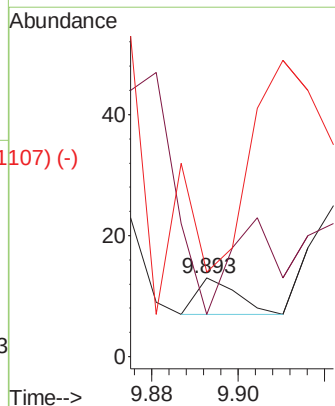
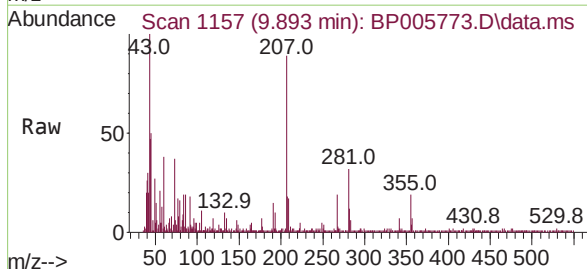


Abundance Scan 1160 (9.911 min): BP005627.D\data.ms (-1140-)

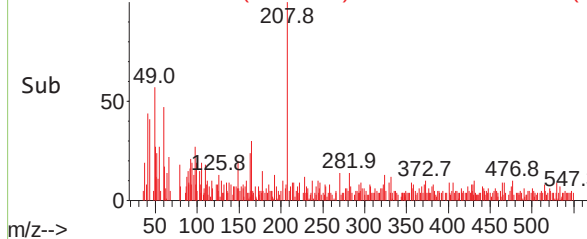


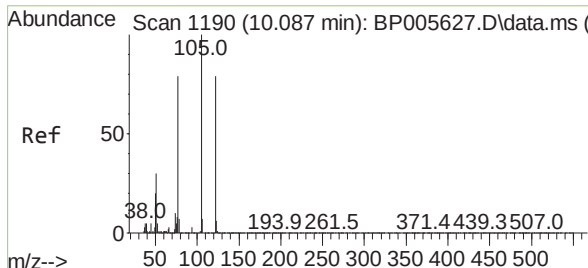
2-Nitrophenol
Concen: 4.157 ng
RT: 9.893 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP005773.D
Acq: 08 Jun 2021 10:26

Tgt Ion:	139	Resp:	4
Ion	Ratio	Lower	Upper
139	100		
109	53.8	40.7	61.1
65	107.7	47.8	71.6#



Abundance Scan 1157 (9.893 min): BP005773.D\data.ms (-1107) (-)

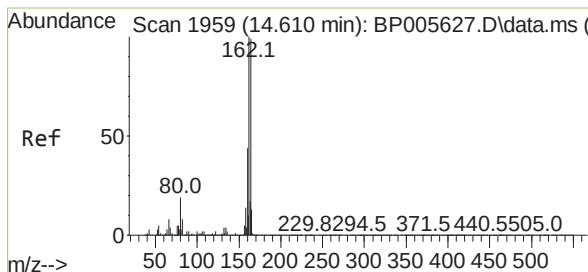
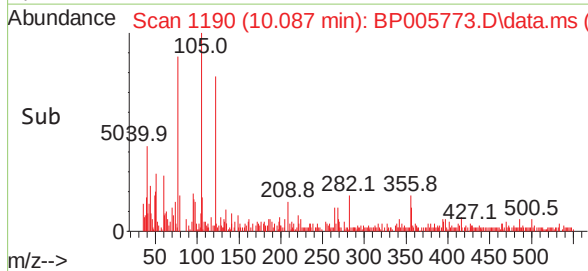
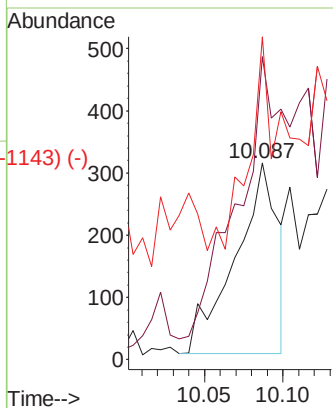
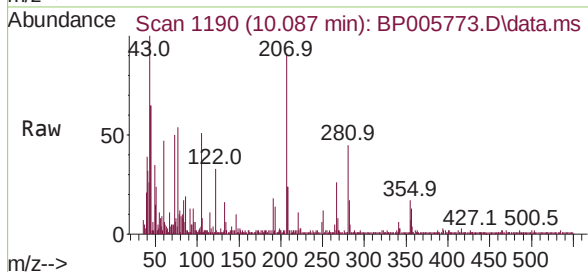




Scan 1190 (10.087 min): BP005627.D\data.ms (-1143) (-)
 Benzoic acid
 Concen: 5.153 ng
 RT: 10.087 min Scan# 1190
 Delta R.T. -0.024 min
 Lab File: BP005773.D
 Acq: 08 Jun 2021 10:26

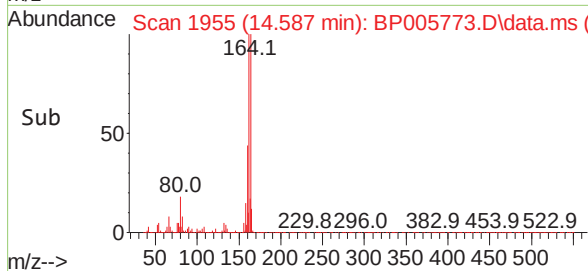
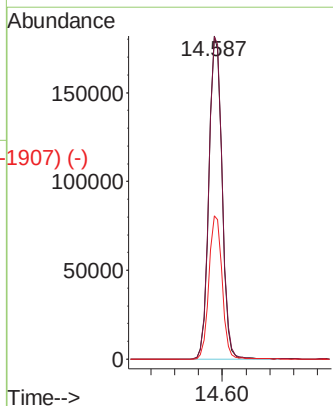
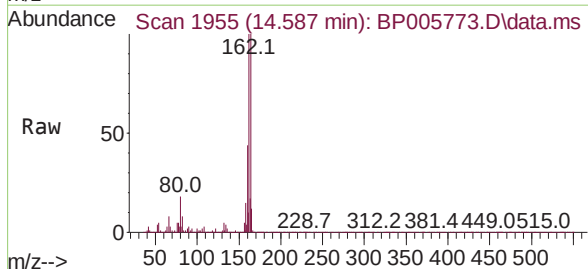
Instrument :
 BNA_P
 ClientSampleId :
 18-B12(0-2)

Tgt Ion:	122	Resp:	577
Ion	Ratio	Lower	Upper
122	100		
105	154.1	105.1	145.1#
77	164.2	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: BP005773.D
 Acq: 08 Jun 2021 10:26

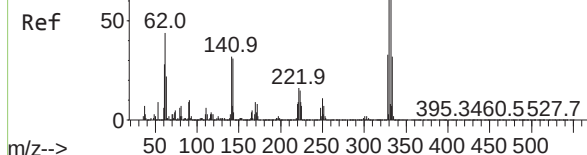
Tgt Ion:	164	Resp:	277331
Ion	Ratio	Lower	Upper
164	100		
162	99.9	73.5	110.3
160	44.3	40.6	61.0



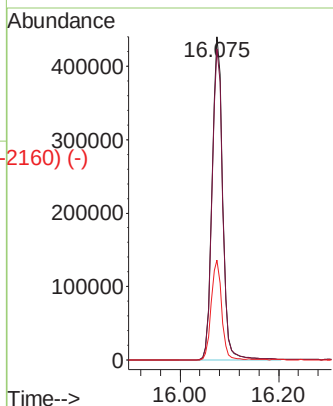
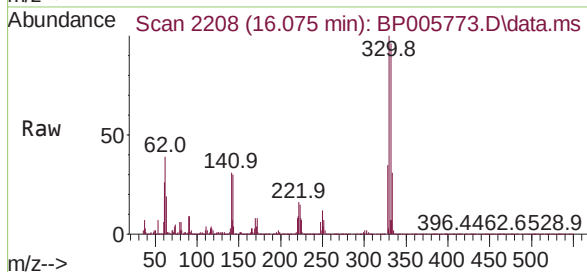
Abundance Scan 2211 (16.093 min): BP005627.D\data.ms (-2160) (-)

2,4,6-Tribromophenol
Concen: 184.600 ng
RT: 16.075 min Scan# 2208
Delta R.T. -0.018 min
Lab File: BP005773.D
Acq: 08 Jun 2021 10:26

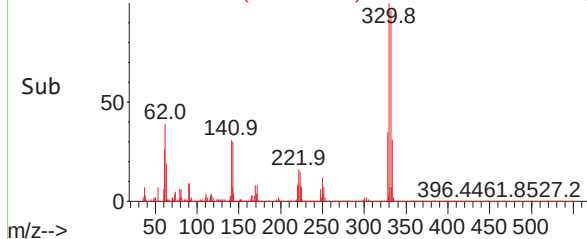
Instrument :
BNA_P
ClientSampleId :
18-B12(0-2)



Tgt Ion:	330	Resp:	656475
Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.3	114.5
141	30.9	22.8	34.2



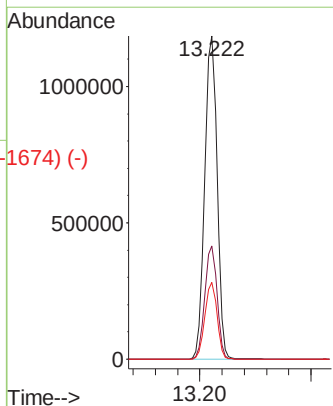
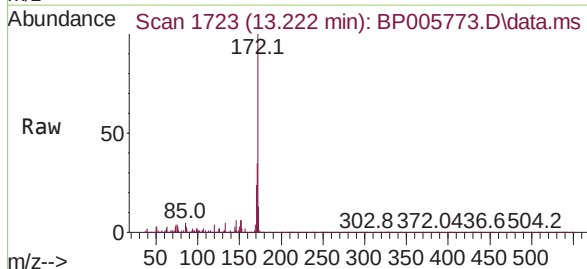
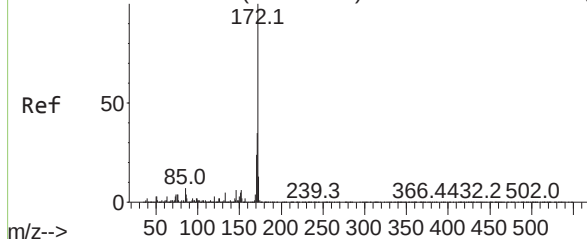
Abundance Scan 2208 (16.075 min): BP005773.D\data.ms (-2160) (-)



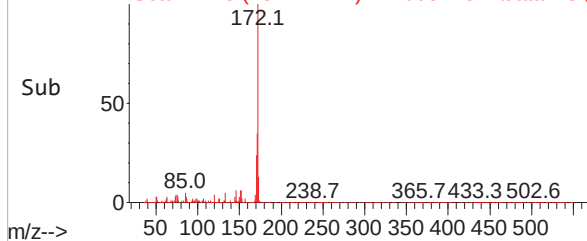
Abundance Scan 1726 (13.240 min): BP005627.D\data.ms (-1715) (-)

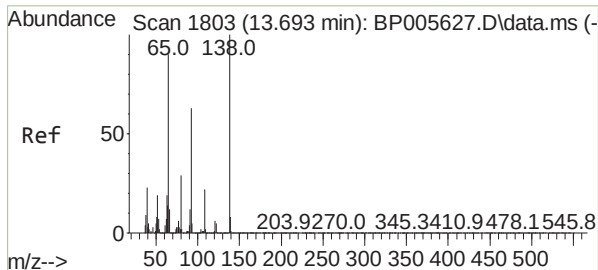
2-Fluorobiphenyl
Concen: 86.386 ng
RT: 13.222 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BP005773.D
Acq: 08 Jun 2021 10:26

Tgt Ion:	172	Resp:	1810276
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	23.7	19.6	29.4



Abundance Scan 1723 (13.222 min): BP005773.D\data.ms (-1674) (-)

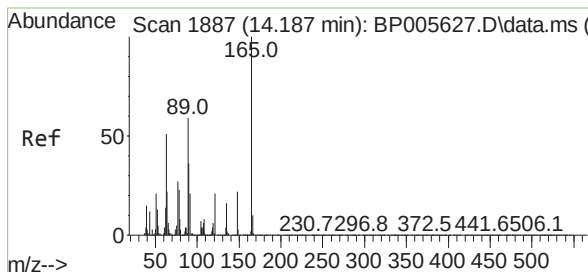
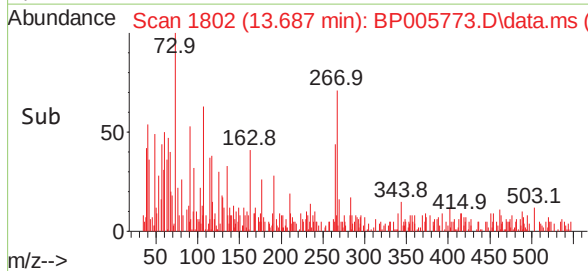
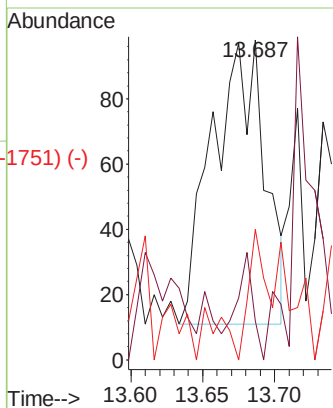
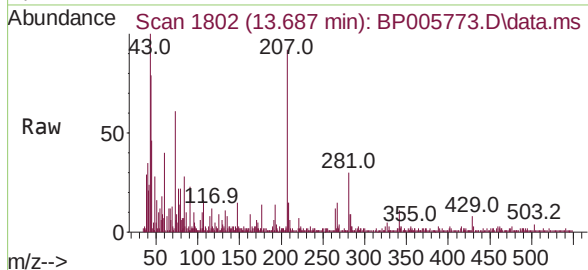




2-Nitroaniline
Concen: 4.533 ng
RT: 13.687 min Scan# 1802
Delta R.T. -0.000 min
Lab File: BP005773.D
Acq: 08 Jun 2021 10:26

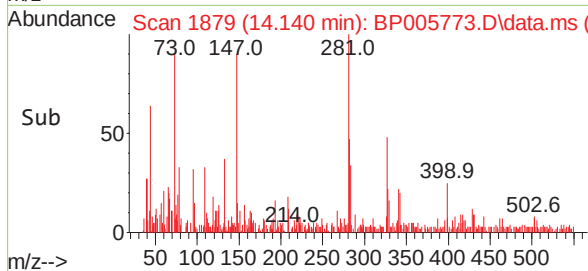
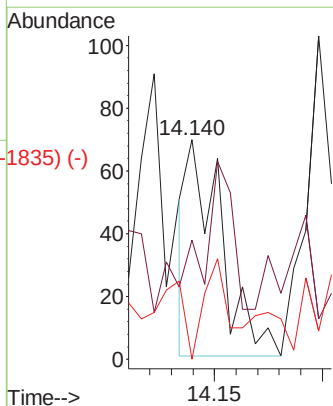
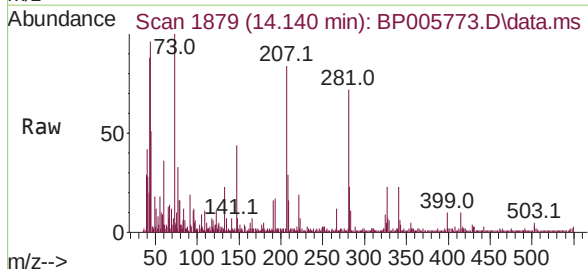
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Tgt Ion:	65	Resp:	219
Ion	Ratio	Lower	Upper
65	100		
92	12.2	48.8	73.2#
138	40.8	69.5	104.3#

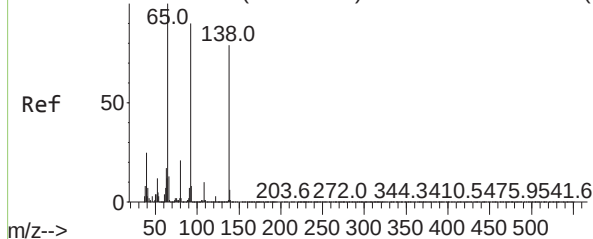


2,6-Dinitrotoluene
Concen: 5.072 ng
RT: 14.140 min Scan# 1879
Delta R.T. -0.041 min
Lab File: BP005773.D
Acq: 08 Jun 2021 10:26

Tgt Ion:	165	Resp:	75
Ion	Ratio	Lower	Upper
165	100		
63	87.1	67.4	101.0
89	15.7	73.8	110.6#



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

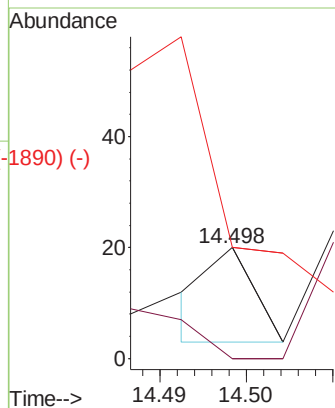
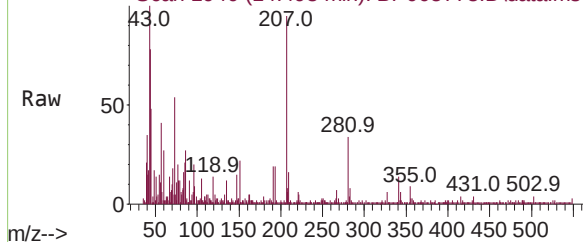


3-Nitroaniline
Concen: 3.654 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP005773.D
Acq: 08 Jun 2021 10:26

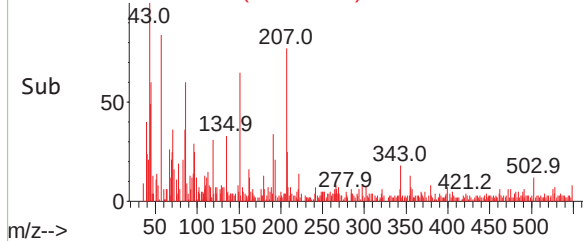
Instrument :
BNA_P
ClientSampleId :
18-B12(0-2)

Tgt Ion:	138	Resp:	6
Ion	Ratio	Lower	Upper
138	100		
108	210.0	10.2	15.4#
92	100.0	108.1	162.1#

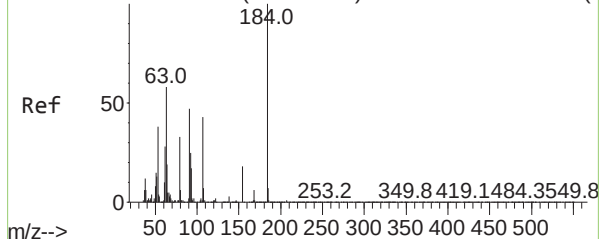
Abundance Scan 1940 (14.498 min): BP005773.D\data.ms



Abundance Scan 1940 (14.498 min): BP005773.D\data.ms (-1890) (-)



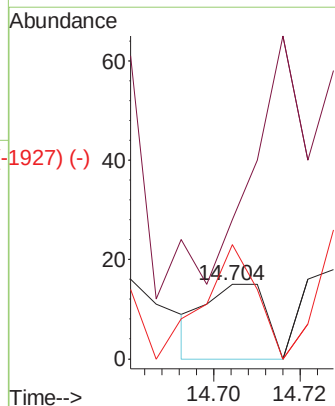
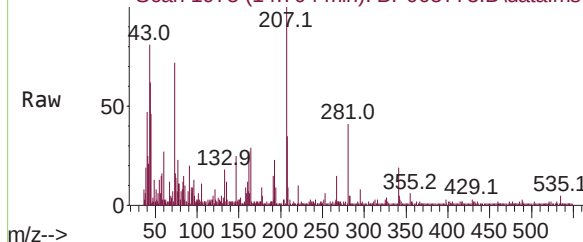
Abundance Scan 1976 (14.710 min): BP005627.D\data.ms (-1956) (-)



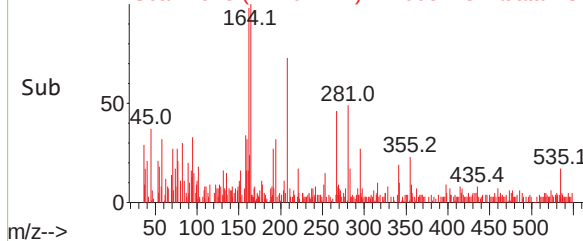
2,4-Dinitrophenol
Concen: 6.533 ng
RT: 14.704 min Scan# 1975
Delta R.T. -0.018 min
Lab File: BP005773.D
Acq: 08 Jun 2021 10:26

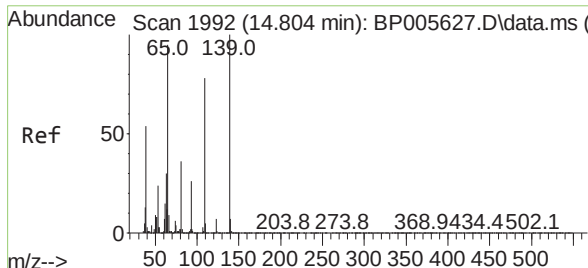
Tgt Ion:	184	Resp:	14
Ion	Ratio	Lower	Upper
184	100		
63	273.3	51.2	76.8#
154	153.3	55.8	83.8#

Abundance Scan 1975 (14.704 min): BP005773.D\data.ms



Abundance Scan 1975 (14.704 min): BP005773.D\data.ms (-1927) (-)

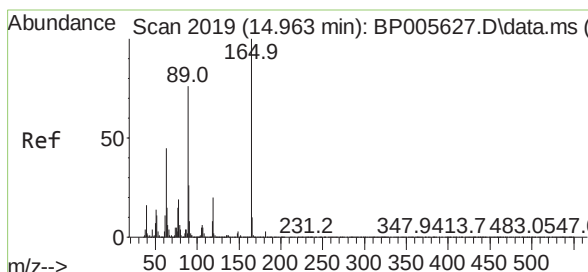
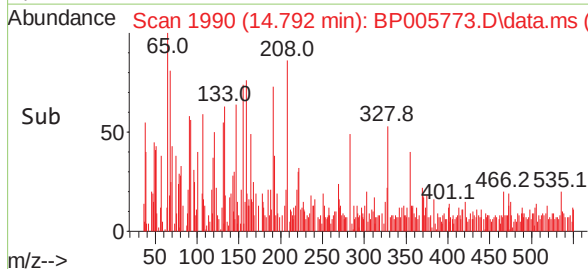
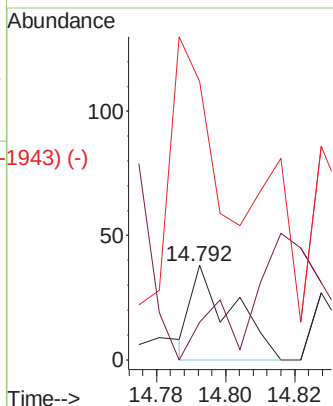
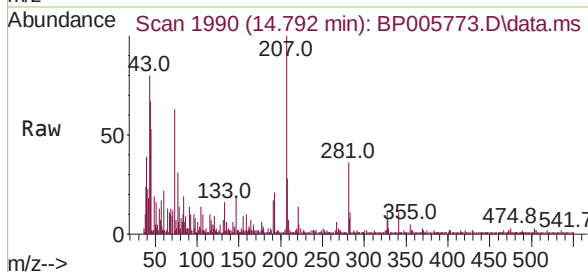




Scan 1992 (14.804 min): BP005627.D\data.ms (-1956) (-)
 4-Nitrophenol
 Concen: 3.752 ng
 RT: 14.792 min Scan# 1990
 Delta R.T. -0.024 min
 Lab File: BP005773.D
 Acq: 08 Jun 2021 10:26

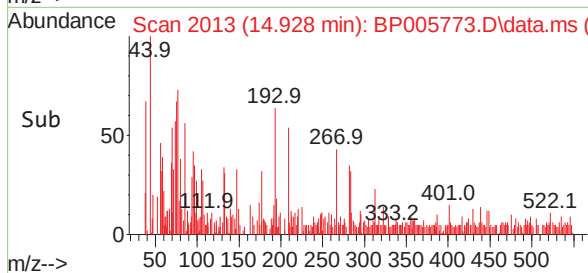
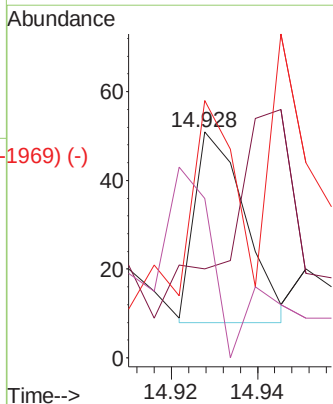
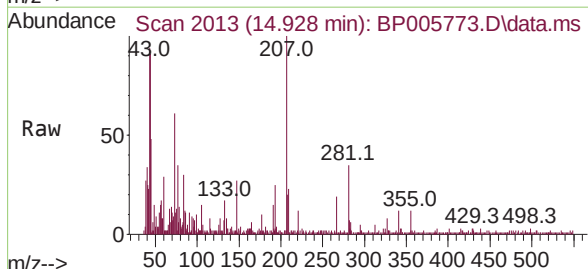
Instrument :
 BNA_P
 ClientSampleId :
 18-B12(0-2)

Tgt Ion:	139	Resp:	31
Ion	Ratio	Lower	Upper
139	100		
109	39.5	122.8	162.8#
65	294.7	110.0	150.0#

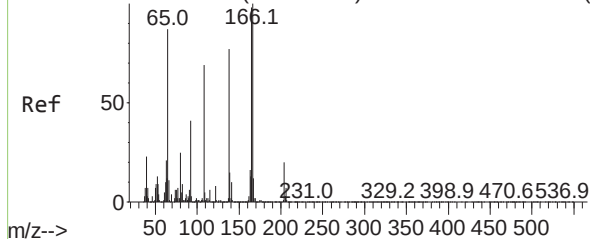


Scan 2019 (14.963 min): BP005627.D\data.ms (-2069) (-)
 2,4-Dinitrotoluene
 Concen: 4.266 ng
 RT: 14.928 min Scan# 2013
 Delta R.T. -0.041 min
 Lab File: BP005773.D
 Acq: 08 Jun 2021 10:26

Tgt Ion:	165	Resp:	35
Ion	Ratio	Lower	Upper
165	100		
63	39.2	56.7	85.1#
89	113.7	85.8	128.6
182	70.6	3.0	4.6#



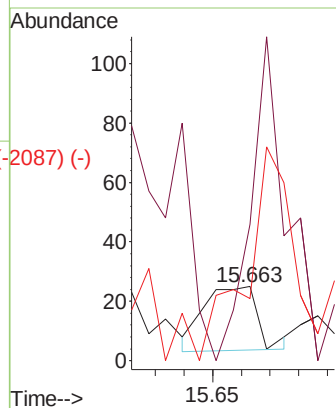
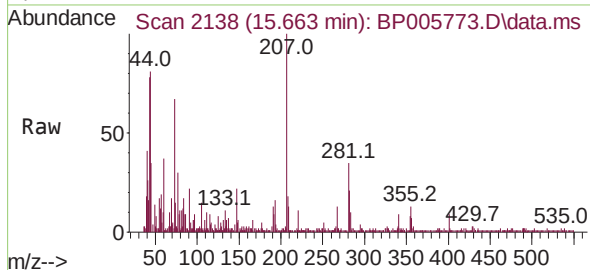
Abundance Scan 2139 (15.669 min): BP005627.D\data.ms (-2139) (-)



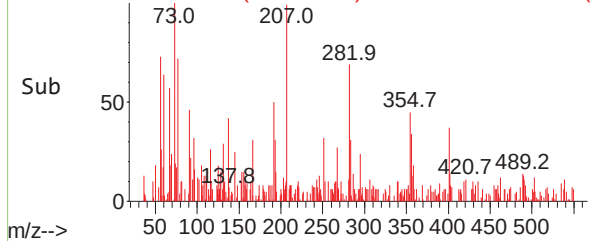
4-Nitroaniline
Concen: 3.635 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BP005773.D
Acq: 08 Jun 2021 10:26

Instrument :
BNA_P
ClientSampleId :
18-B12(0-2)

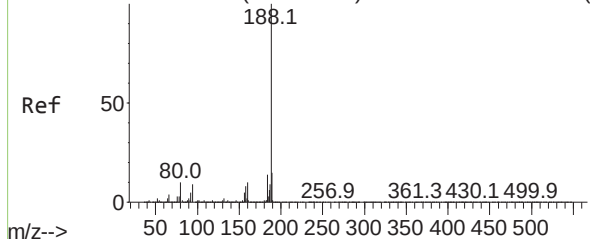
Tgt Ion:	138	Resp:	28
Ion	Ratio	Lower	Upper
138	100		
92	184.0	50.9	90.9#
108	84.0	154.7	194.7#



Abundance Scan 2138 (15.663 min): BP005773.D\data.ms (-2087) (-)

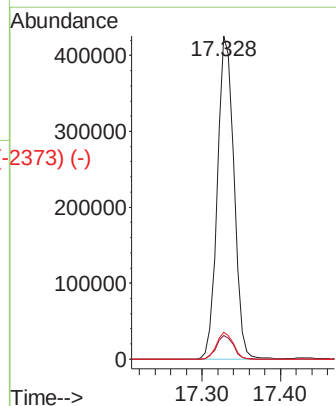
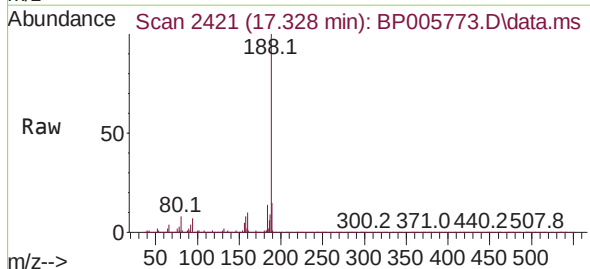


Abundance Scan 2425 (17.351 min): BP005627.D\data.ms (-2425) (-)

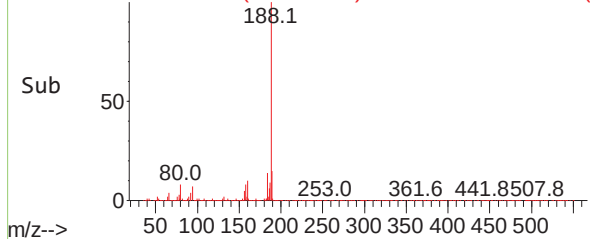


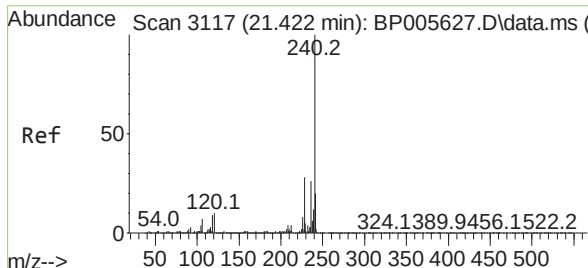
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.328 min Scan# 2421
Delta R.T. -0.018 min
Lab File: BP005773.D
Acq: 08 Jun 2021 10:26

Tgt Ion:	188	Resp:	620705
Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.0	7.6
80	8.3	5.9	8.9



Abundance Scan 2421 (17.328 min): BP005773.D\data.ms (-2373) (-)

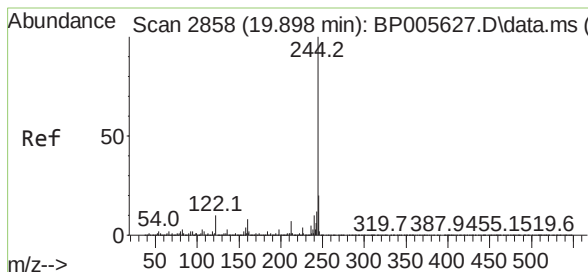
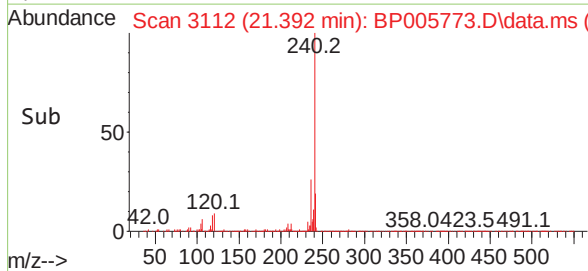
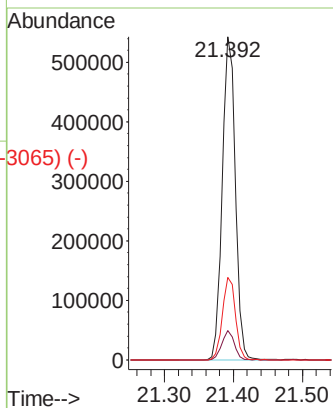
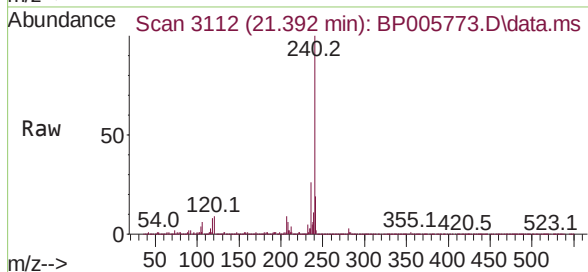




Chrysene-d12
 Concen: 20.000 ng
 RT: 21.392 min Scan# 3112
 Delta R.T. -0.024 min
 Lab File: BP005773.D
 Acq: 08 Jun 2021 10:26

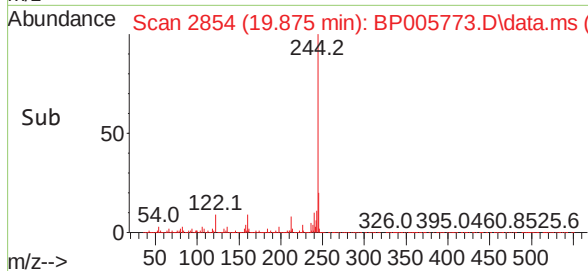
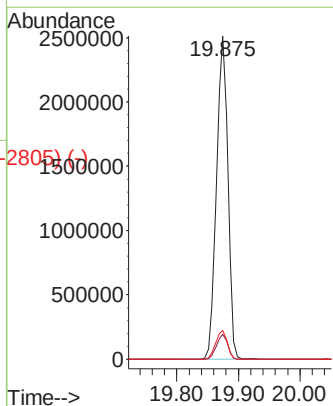
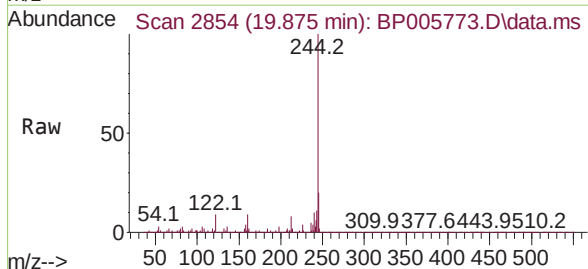
Instrument :
 BNA_P
 ClientSampleId :
 18-B12(0-2)

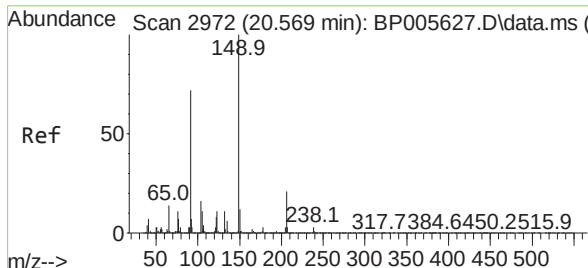
Tgt Ion:	240	Resp:	714137
Ion	Ratio	Lower	Upper
240	100		
120	9.0	4.2	6.2#
236	25.6	20.2	30.2



Terphenyl-d14
 Concen: 84.588 ng
 RT: 19.875 min Scan# 2854
 Delta R.T. -0.012 min
 Lab File: BP005773.D
 Acq: 08 Jun 2021 10:26

Tgt Ion:	244	Resp:	3219249
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	8.9	5.2	7.8#

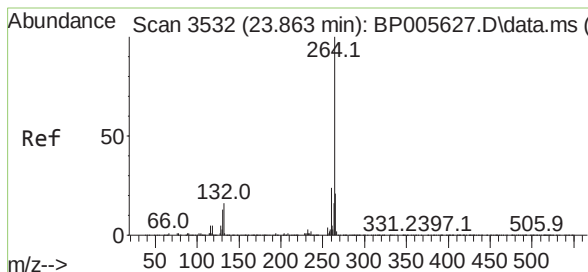
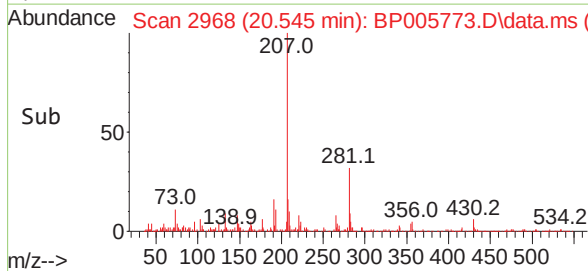
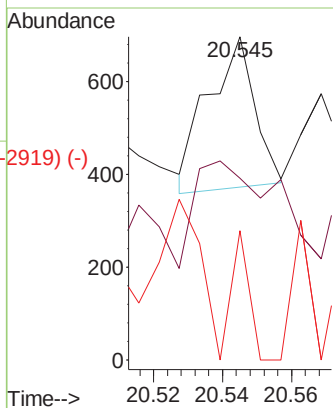
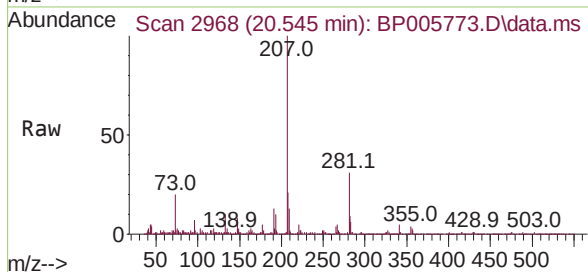




Butylbenzylphthalate
 Concen: 4.144 ng
 RT: 20.545 min Scan# 2968
 Delta R.T. -0.012 min
 Lab File: BP005773.D
 Acq: 08 Jun 2021 10:26

Instrument :
 BNA_P
 ClientSampleId :
 18-B12(0-2)

Tgt Ion:	149	Resp:	307
Ion	Ratio	Lower	Upper
149	100		
91	56.3	60.2	90.4#
206	39.9	23.9	35.9#



Perylene-d12
 Concen: 20.000 ng
 RT: 23.821 min Scan# 3525
 Delta R.T. -0.029 min
 Lab File: BP005773.D
 Acq: 08 Jun 2021 10:26

Tgt Ion:	264	Resp:	677423
Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.6	30.8
265	21.9	19.0	28.6

