

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
 Data File : BP005751.D
 Acq On : 07 Jun 2021 20:06
 Operator : CG/JU
 Sample : M2580-27
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B4(0-2)

Quant Time: Jun 08 01:16:12 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)

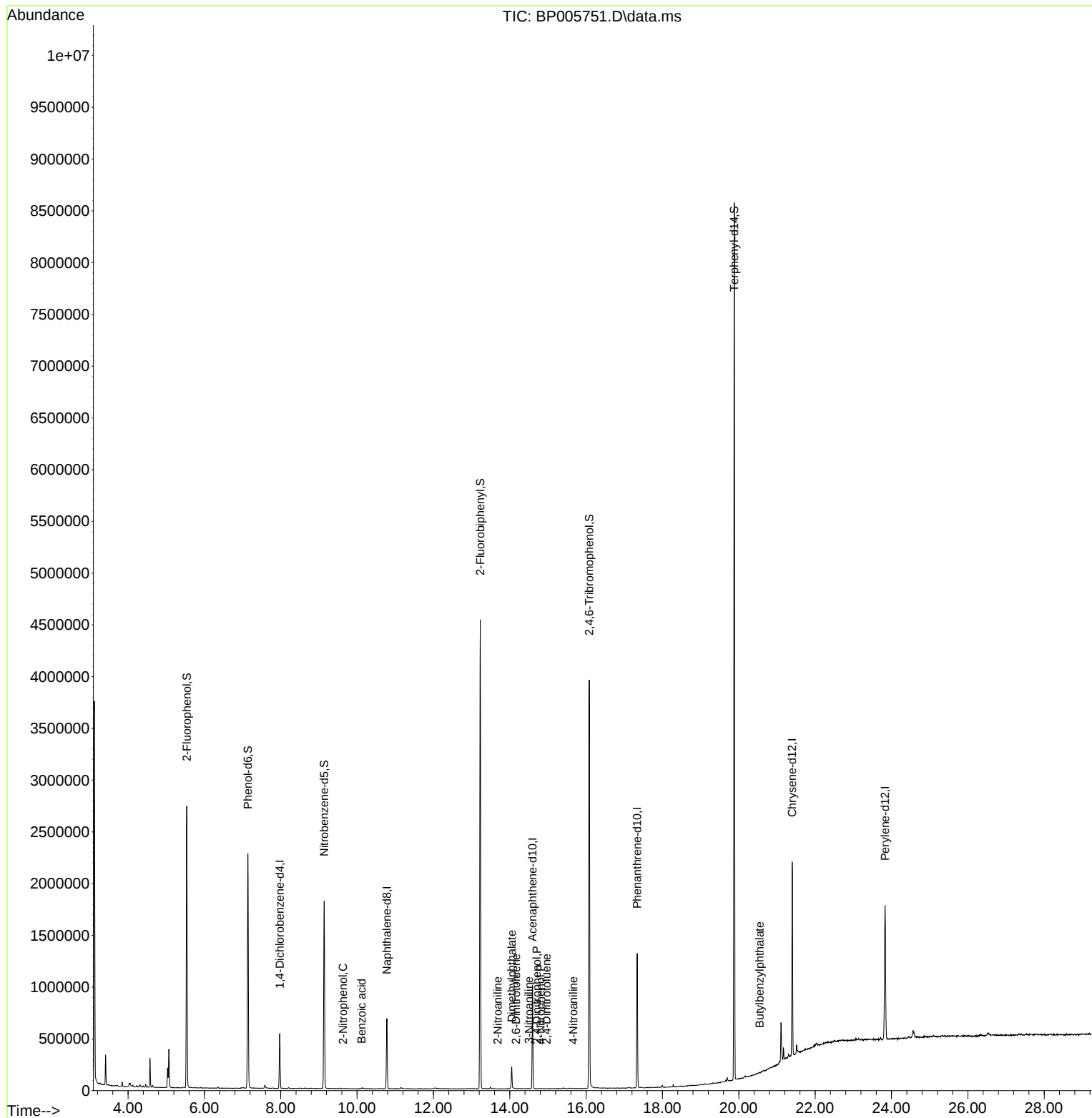
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	145070	20.00	ng	0.00
21) Naphthalene-d8	10.781	136	556245	20.00	ng	# 0.00
39) Acenaphthene-d10	14.598	164	354300	20.00	ng	0.00
64) Phenanthrene-d10	17.340	188	787809	20.00	ng	# 0.00
76) Chrysene-d12	21.398	240	909697	20.00	ng	#-0.02
86) Perylene-d12	23.833	264	1053145	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1168172	125.19	ng	0.00
7) Phenol-d6	7.140	99	1273497	100.12	ng	0.00
23) Nitrobenzene-d5	9.140	82	1064055	106.38	ng	0.00
42) 2,4,6-Tribromophenol	16.081	330	848362	186.73	ng	-0.01
45) 2-Fluorobiphenyl	13.228	172	2344519	87.58	ng	0.00
79) Terphenyl-d14	19.881	244	4024072	83.00	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.628	139	104	4.18	ng	95
32) Benzoic acid	10.116	122	60	5.02	ng	# 1
48) 2-Nitroaniline	13.681	65	118	4.51	ng	# 40
50) Dimethylphthalate	14.051	163	132730	4.71	ng	99
51) 2,6-Dinitrotoluene	14.163	165	64	5.07	ng	# 47
53) 3-Nitroaniline	14.498	138	45	3.66	ng	# 81
54) 2,4-Dinitrophenol	14.710	184	15	6.53	ng	# 1
56) 4-Nitrophenol	14.804	139	16	3.75	ng	# 1
57) 2,4-Dinitrotoluene	14.963	165	96	4.27	ng	# 31
62) 4-Nitroaniline	15.663	138	31	3.63	ng	# 70
80) Butylbenzylphthalate	20.545	149	1806	4.19	ng	93

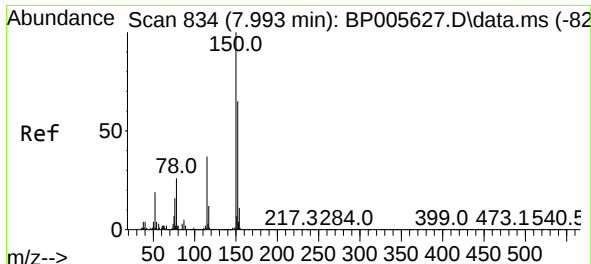
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
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Response via : Initial Calibration

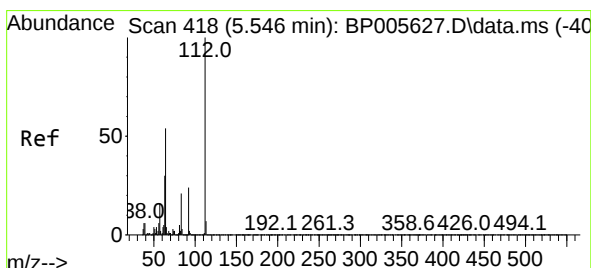
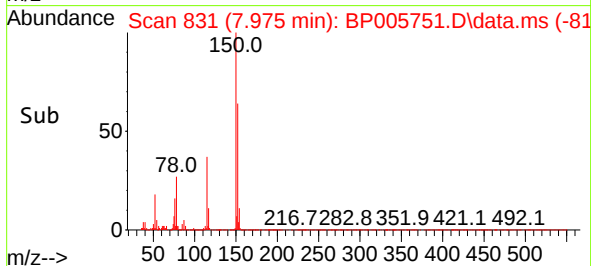
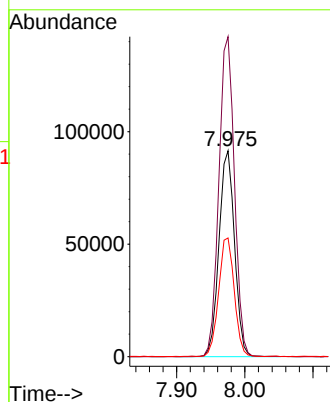
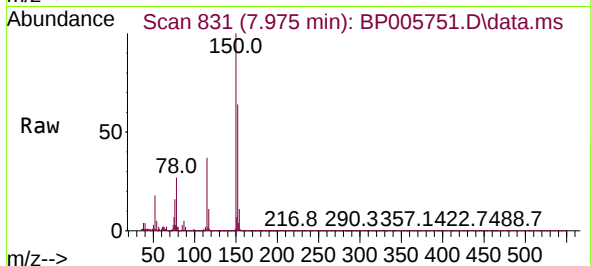




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.975 min Scan# 831
Delta R.T. 0.000 min
Lab File: BP005751.D
Acq: 07 Jun 2021 20:06

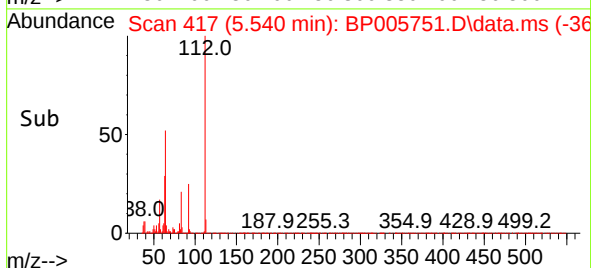
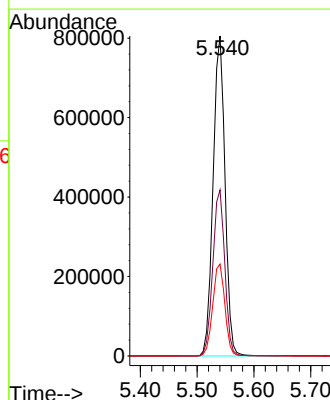
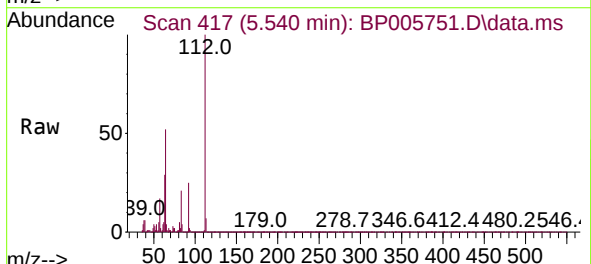
Instrument :
BNA_P
ClientSampleId :
18-B4(0-2)

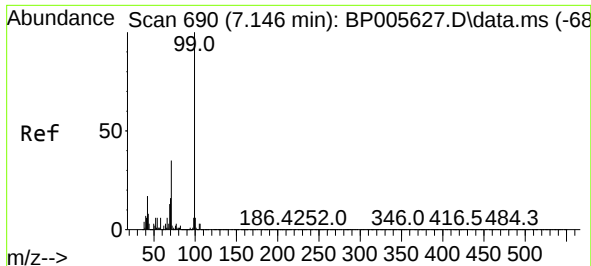
Tgt Ion:152 Resp: 145070
Ion Ratio Lower Upper
152 100
150 155.4 119.8 179.8
115 57.6 49.0 73.4



#5
2-Fluorophenol
Concen: 125.19 ng
RT: 5.540 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP005751.D
Acq: 07 Jun 2021 20:06

Tgt Ion:112 Resp: 1168172
Ion Ratio Lower Upper
112 100
64 51.9 33.6 50.4#
63 28.8 18.6 27.8#



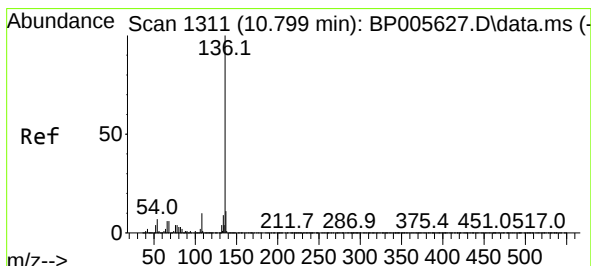
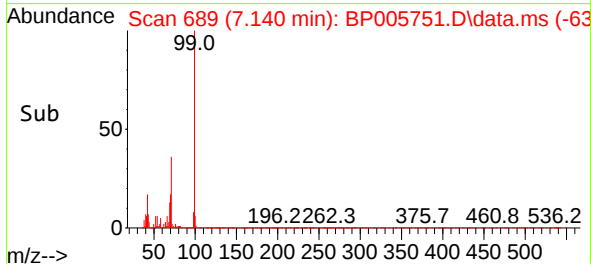
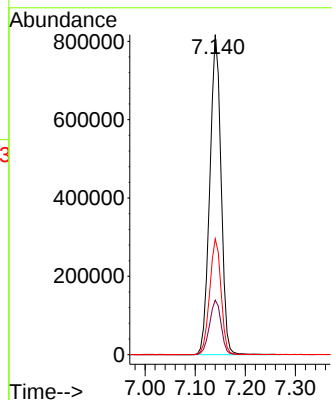
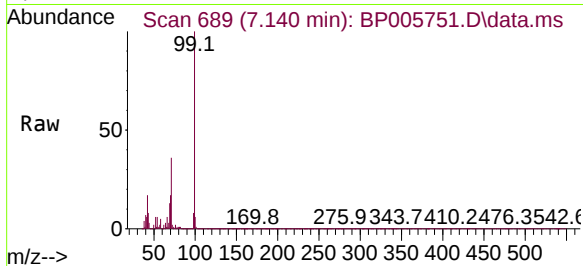


#7
Phenol-d6
Concen: 100.12 ng
RT: 7.140 min Scan# 689
Delta R.T. 0.000 min
Lab File: BP005751.D
Acq: 07 Jun 2021 20:06

Instrument :
BNA_P
ClientSampleId :
18-B4(0-2)

Tgt Ion: 99 Resp: 1273497

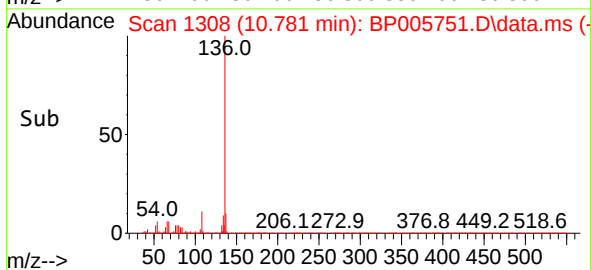
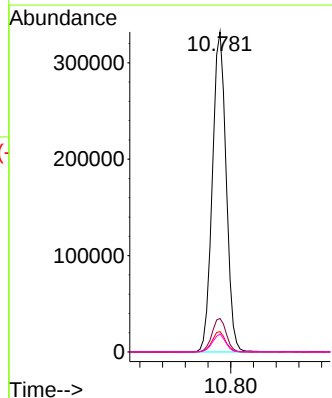
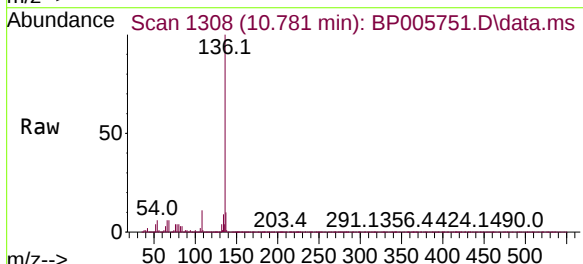
Ion	Ratio	Lower	Upper
99	100		
42	17.1	12.9	19.3
71	36.2	26.7	40.1

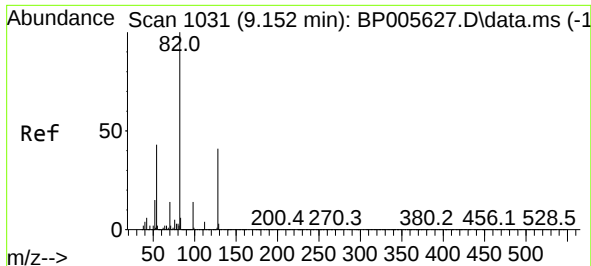


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.781 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BP005751.D
Acq: 07 Jun 2021 20:06

Tgt Ion: 136 Resp: 556245

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	6.3	5.0	7.4
68	5.6	3.7	5.5



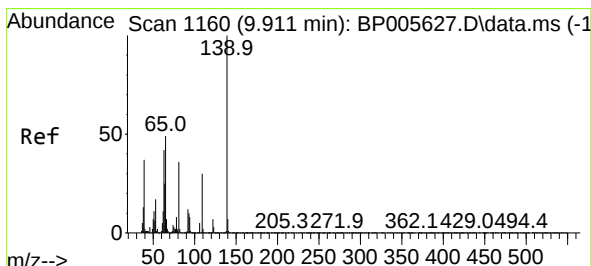
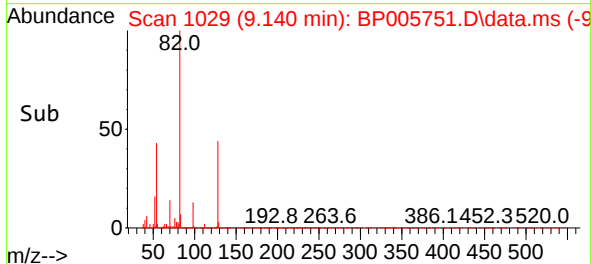
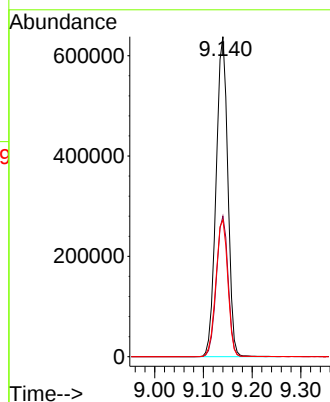
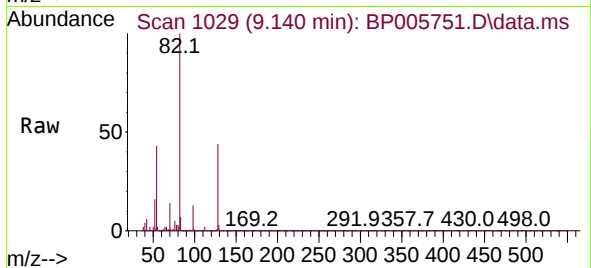


#23
Nitrobenzene-d5
Concen: 106.38 ng
RT: 9.140 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BP005751.D
Acq: 07 Jun 2021 20:06

Instrument :
BNA_P
ClientSampleId :
18-B4(0-2)

Tgt Ion: 82 Resp: 1064055

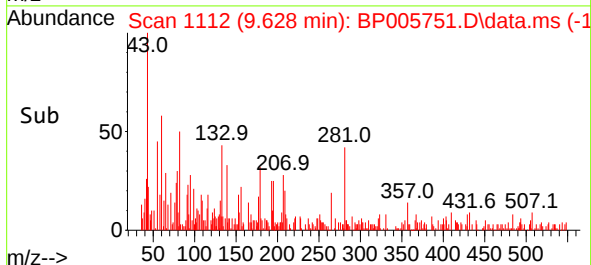
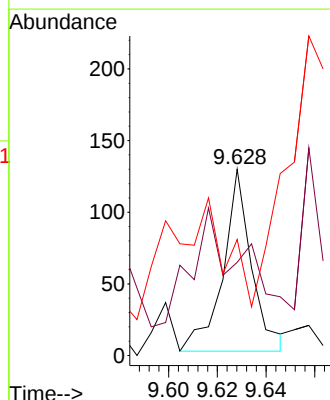
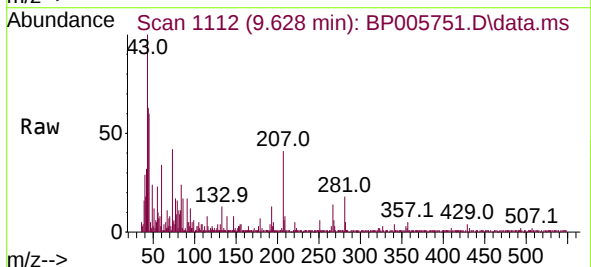
Ion	Ratio	Lower	Upper
82	100		
128	43.9	30.5	45.7
54	42.7	33.9	50.9

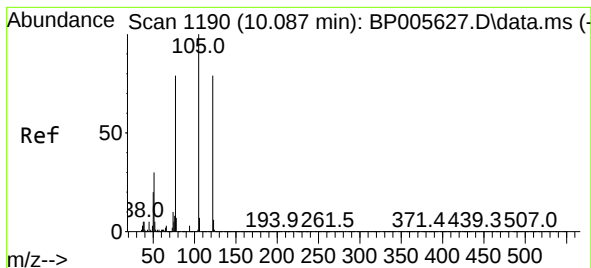


#26
2-Nitrophenol
Concen: 4.18 ng
RT: 9.628 min Scan# 1112
Delta R.T. -0.270 min
Lab File: BP005751.D
Acq: 07 Jun 2021 20:06

Tgt Ion: 139 Resp: 104

Ion	Ratio	Lower	Upper
139	100		
109	46.1	40.7	61.1
65	57.4	47.8	71.6

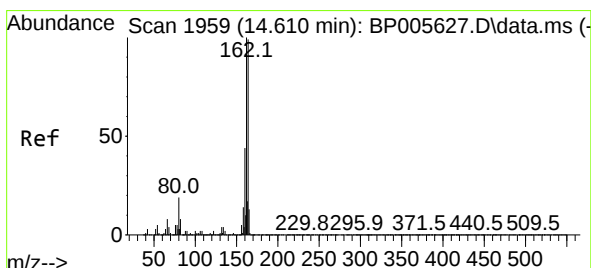
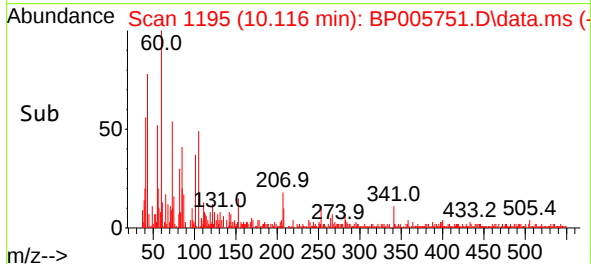
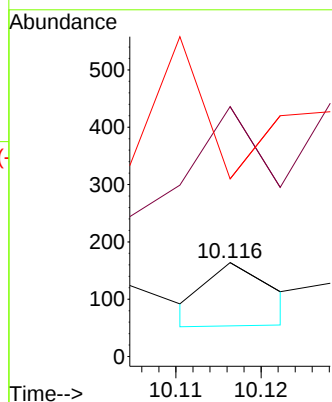
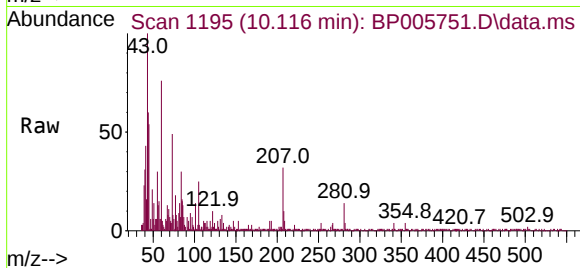




#32
Benzoic acid
Concen: 5.02 ng
RT: 10.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BP005751.D
Acq: 07 Jun 2021 20:06

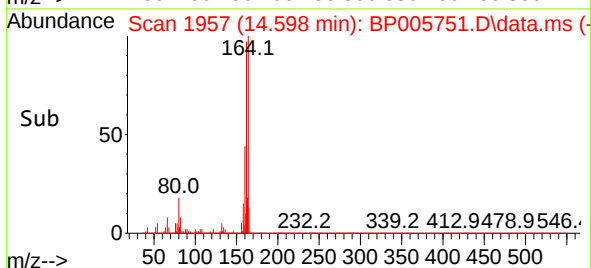
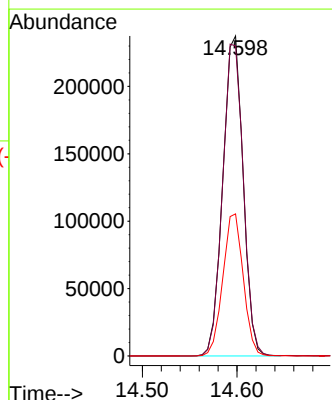
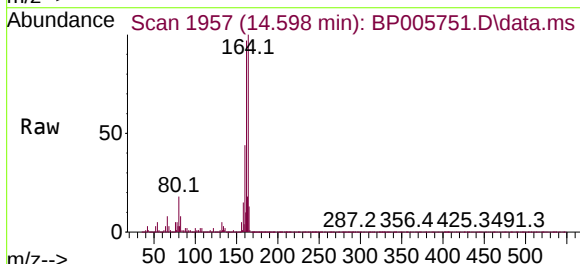
Instrument :
BNA_P
ClientSampleId :
18-B4(0-2)

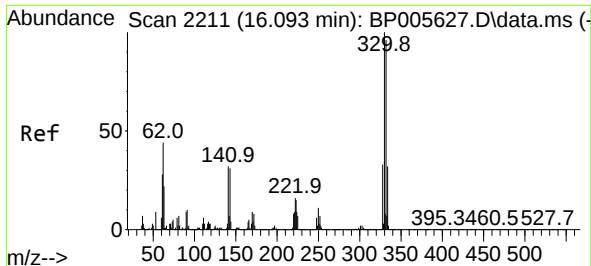
Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 265.9 105.1 145.1#
77 189.0 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP005751.D
Acq: 07 Jun 2021 20:06

Tgt Ion:164 Resp: 354300
Ion Ratio Lower Upper
164 100
162 96.9 73.5 110.3
160 44.4 40.6 61.0

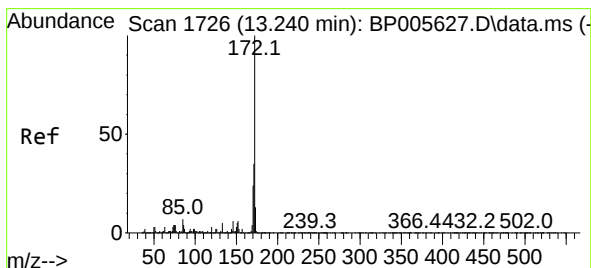
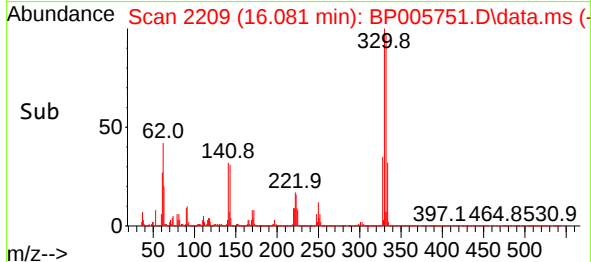
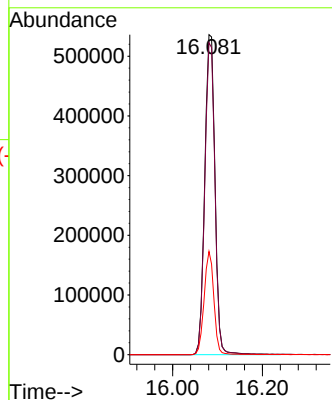
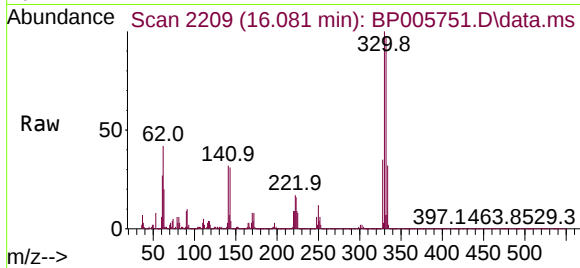




#42
2,4,6-Tribromophenol
Concen: 186.73 ng
RT: 16.081 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BP005751.D
Acq: 07 Jun 2021 20:06

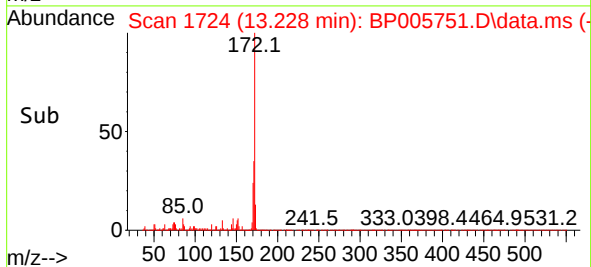
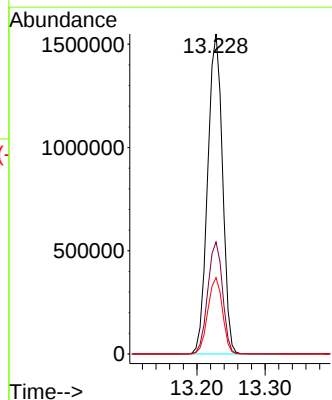
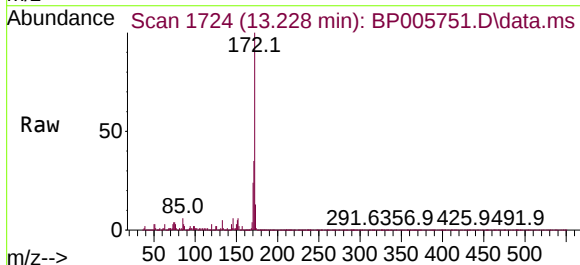
Instrument :
BNA_P
ClientSampleId :
18-B4(0-2)

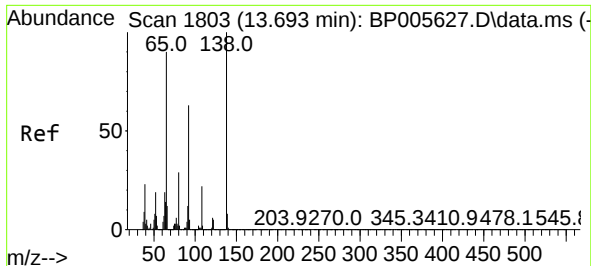
Tgt Ion:330 Resp: 848362
Ion Ratio Lower Upper
330 100
332 96.7 76.3 114.5
141 30.8 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 87.58 ng
RT: 13.228 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP005751.D
Acq: 07 Jun 2021 20:06

Tgt Ion:172 Resp: 2344519
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.8 19.6 29.4

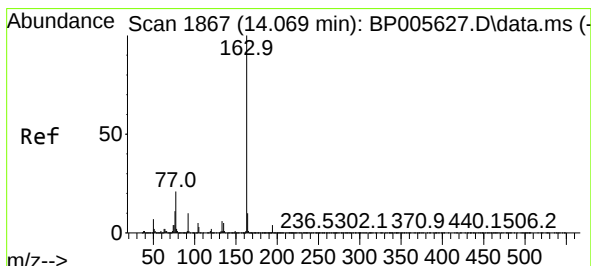
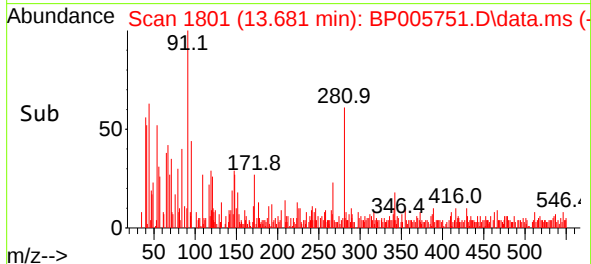
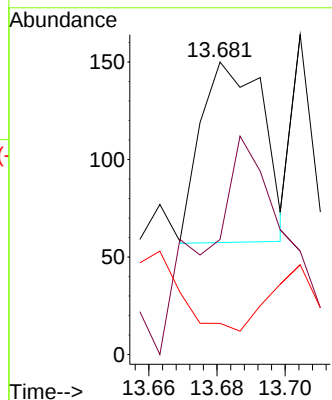
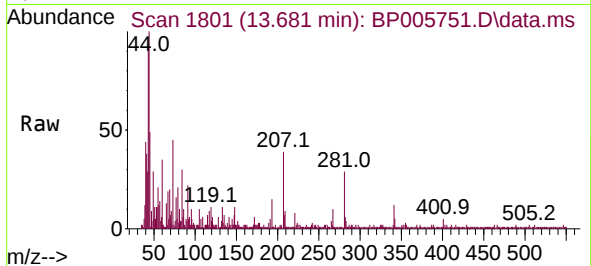




#48
2-Nitroaniline
Concen: 4.51 ng
RT: 13.681 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BP005751.D
Acq: 07 Jun 2021 20:06

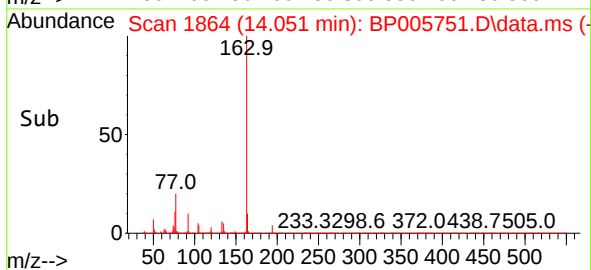
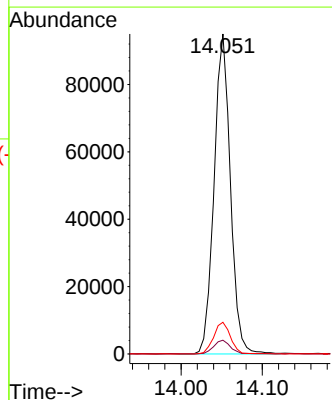
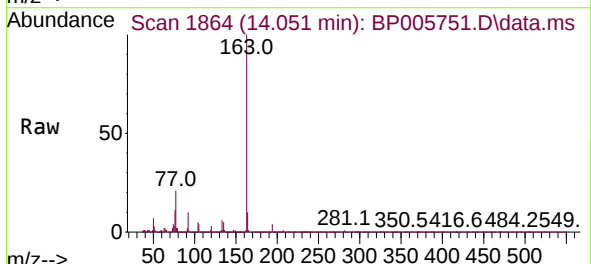
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BNA_P
ClientSampleId :
18-B4(0-2)

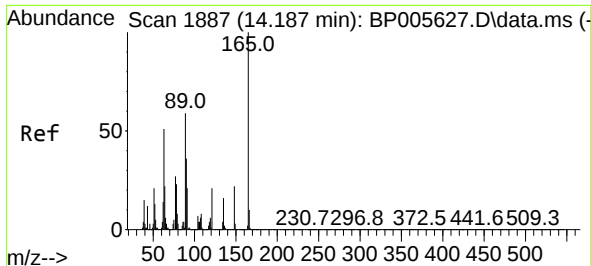
Tgt Ion: 65 Resp: 118
Ion Ratio Lower Upper
65 100
92 39.3 48.8 73.2#
138 10.7 69.5 104.3#



#50
Dimethylphthalate
Concen: 4.71 ng
RT: 14.051 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BP005751.D
Acq: 07 Jun 2021 20:06

Tgt Ion: 163 Resp: 132730
Ion Ratio Lower Upper
163 100
194 4.3 3.9 5.9
164 9.9 8.1 12.1

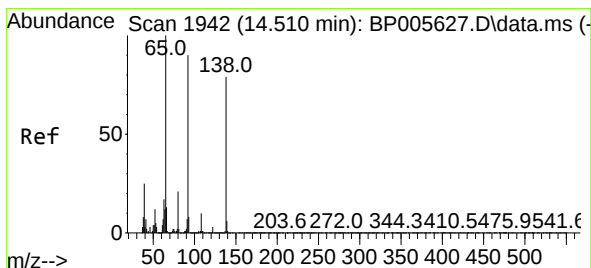
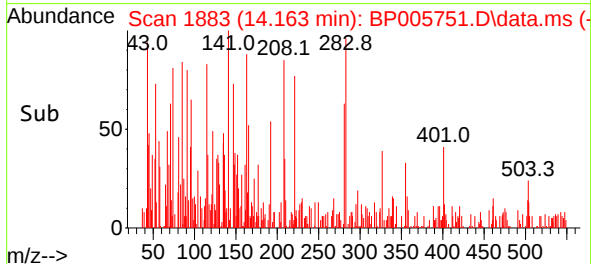
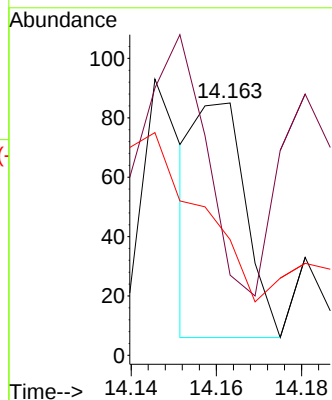
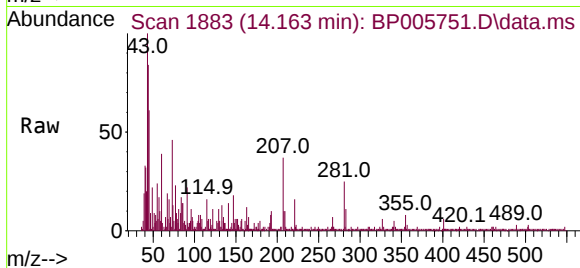




#51
2,6-Dinitrotoluene
Concen: 5.07 ng
RT: 14.163 min Scan# 1883
Delta R.T. -0.018 min
Lab File: BP005751.D
Acq: 07 Jun 2021 20:06

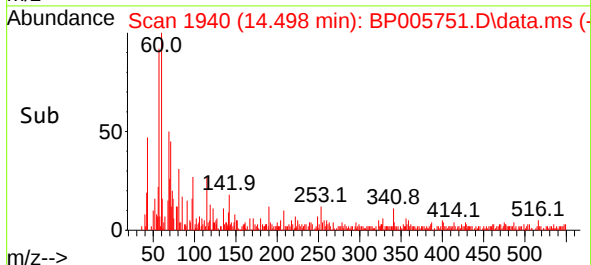
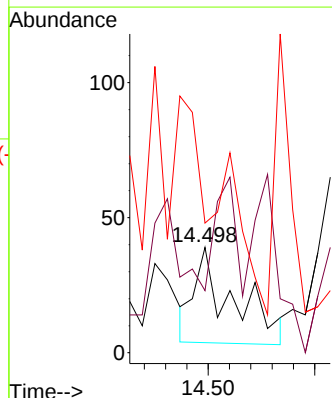
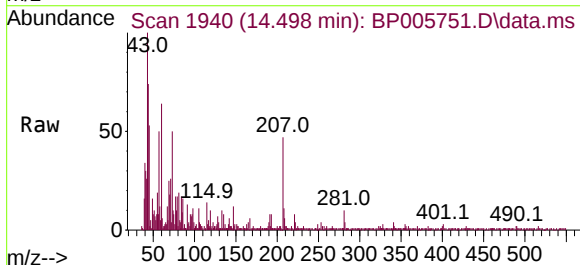
Instrument :
BNA_P
ClientSampled :
18-B4(0-2)

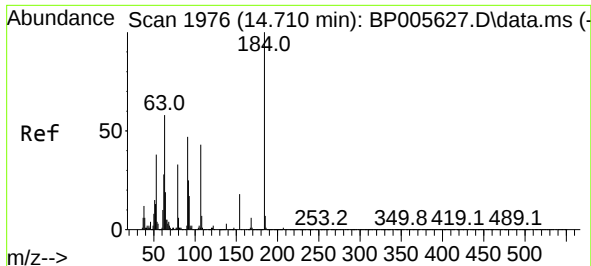
Tgt Ion:	165	Resp:	64
Ion	Ratio	Lower	Upper
165	100		
63	31.8	67.4	101.0#
89	45.9	73.8	110.6#



#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP005751.D
Acq: 07 Jun 2021 20:06

Tgt Ion:	138	Resp:	45
Ion	Ratio	Lower	Upper
138	100		
108	59.0	10.2	15.4#
92	123.1	108.1	162.1

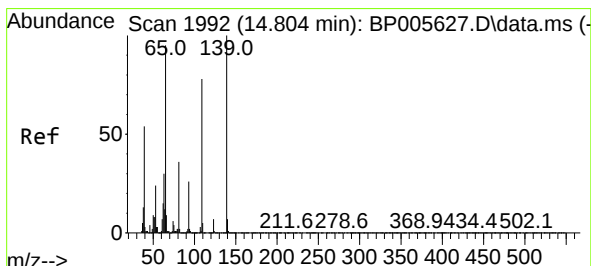
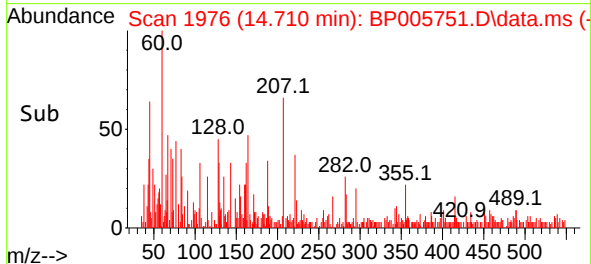
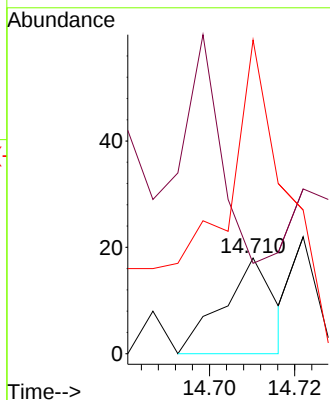
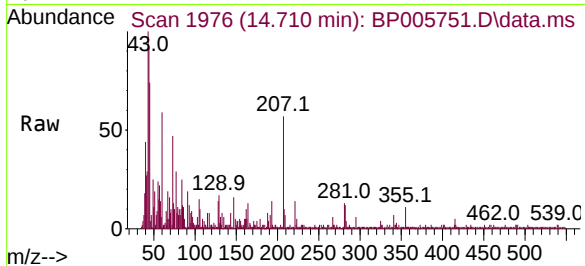




#54
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.710 min Scan# 1976
Delta R.T. -0.012 min
Lab File: BP005751.D
Acq: 07 Jun 2021 20:06

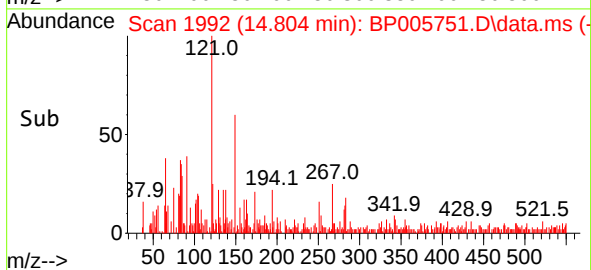
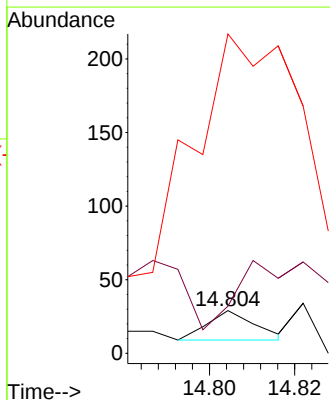
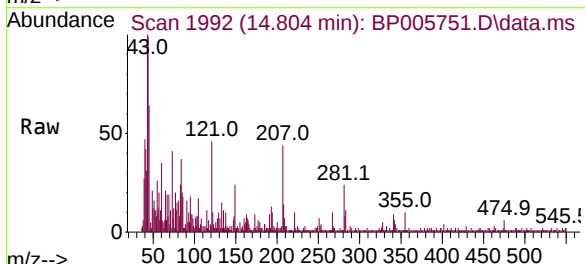
Instrument :
BNA_P
ClientSampled :
18-B4(0-2)

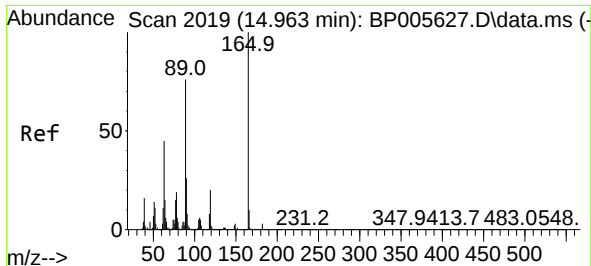
Tgt Ion:184 Resp: 15
Ion Ratio Lower Upper
184 100
63 300.0 51.2 76.8#
154 422.2 55.8 83.8#



#56
4-Nitrophenol
Concen: 3.75 ng
RT: 14.804 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BP005751.D
Acq: 07 Jun 2021 20:06

Tgt Ion:139 Resp: 16
Ion Ratio Lower Upper
139 100
109 110.3 122.8 162.8#
65 748.3 110.0 150.0#

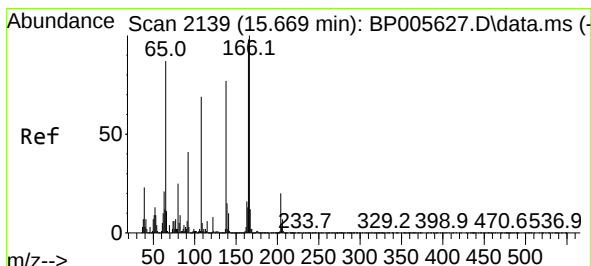
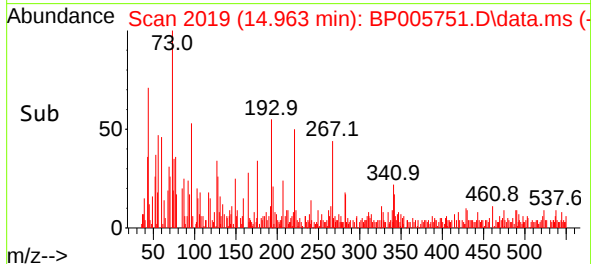
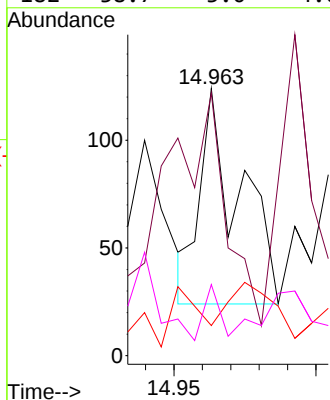
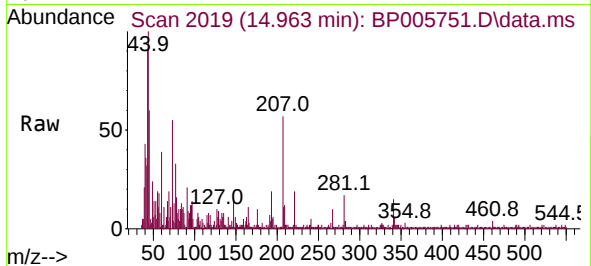




#57
2,4-Dinitrotoluene
Concen: 4.27 ng
RT: 14.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BP005751.D
Acq: 07 Jun 2021 20:06

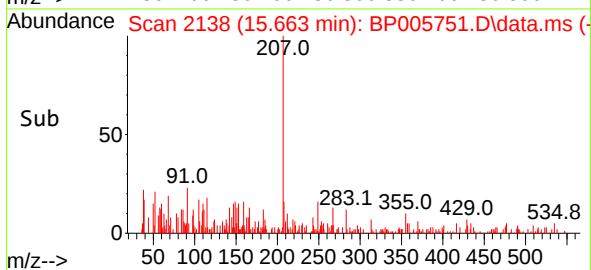
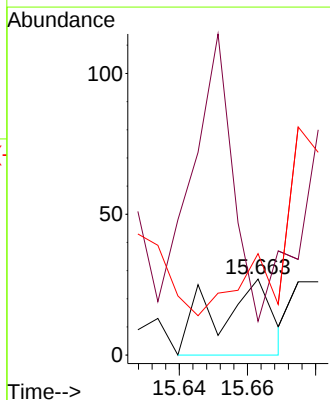
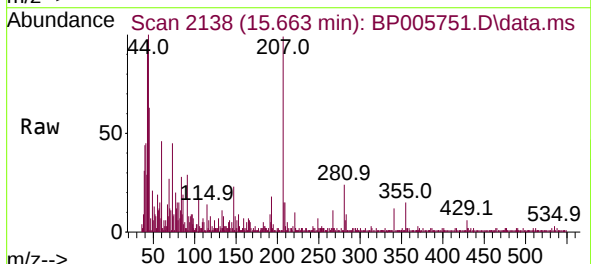
Instrument :
BNA_P
ClientSampleId :
18-B4(0-2)

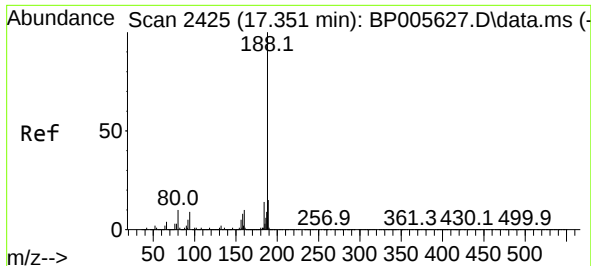
Tgt Ion:	165	Resp:	96
Ion	Ratio	Lower	Upper
165	100		
63	98.4	56.7	85.1#
89	11.3	85.8	128.6#
182	38.7	3.0	4.6#



#62
4-Nitroaniline
Concen: 3.63 ng
RT: 15.663 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BP005751.D
Acq: 07 Jun 2021 20:06

Tgt Ion:	138	Resp:	31
Ion	Ratio	Lower	Upper
138	100		
92	44.4	50.9	90.9#
108	133.3	154.7	194.7#

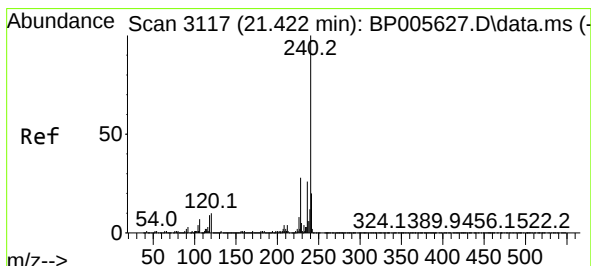
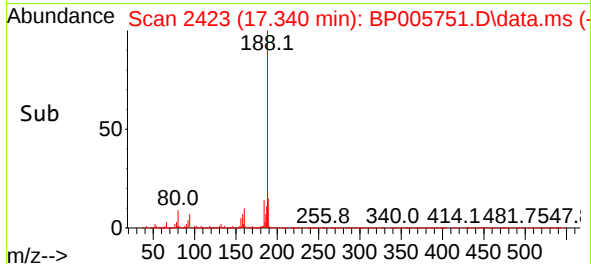
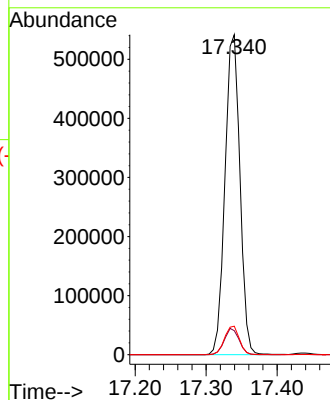
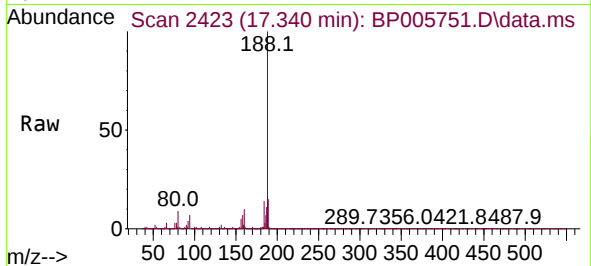




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.340 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP005751.D
Acq: 07 Jun 2021 20:06

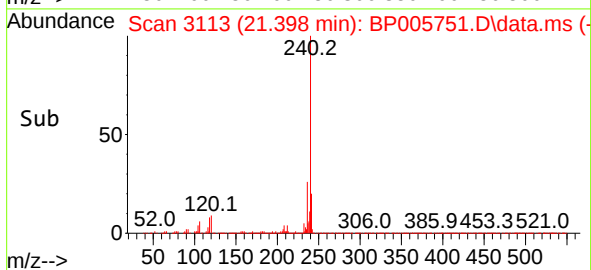
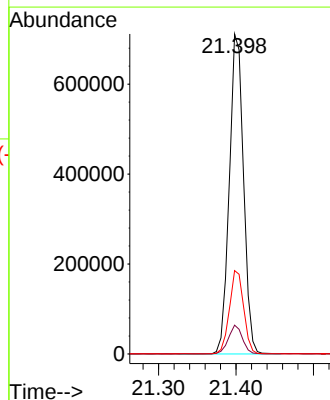
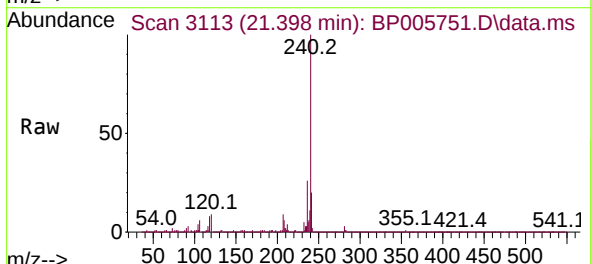
Instrument :
BNA_P
ClientSampleId :
18-B4(0-2)

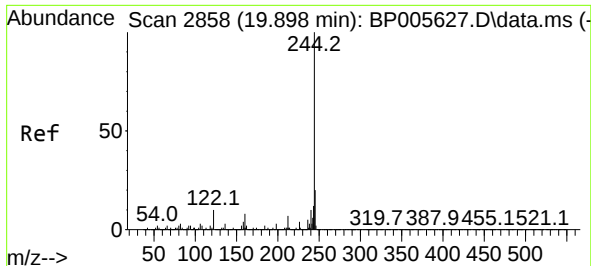
Tgt Ion:188 Resp: 787809
Ion Ratio Lower Upper
188 100
94 7.5 5.0 7.6
80 8.9 5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.018 min
Lab File: BP005751.D
Acq: 07 Jun 2021 20:06

Tgt Ion:240 Resp: 909697
Ion Ratio Lower Upper
240 100
120 9.0 4.2 6.2#
236 26.0 20.2 30.2

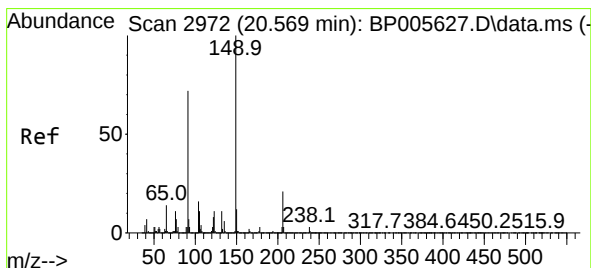
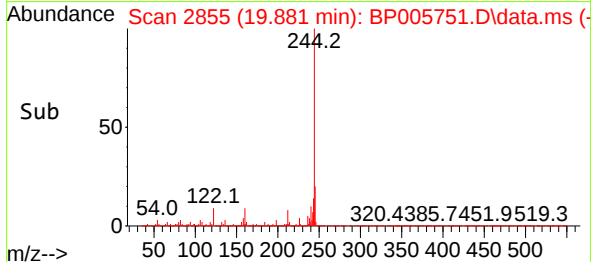
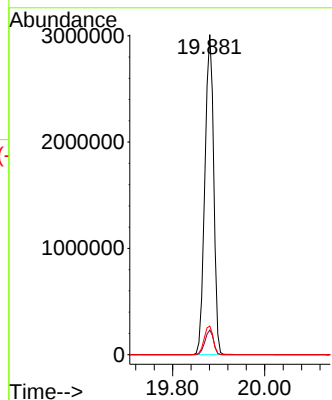
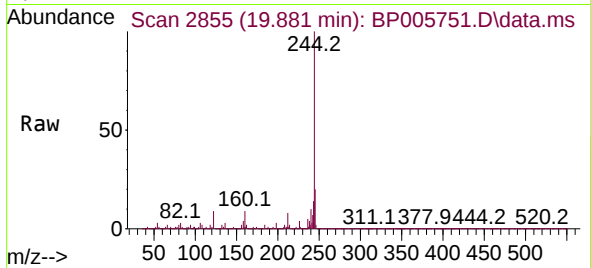




#79
 Terphenyl-d14
 Concen: 83.00 ng
 RT: 19.881 min Scan# 2855
 Delta R.T. -0.006 min
 Lab File: BP005751.D
 Acq: 07 Jun 2021 20:06

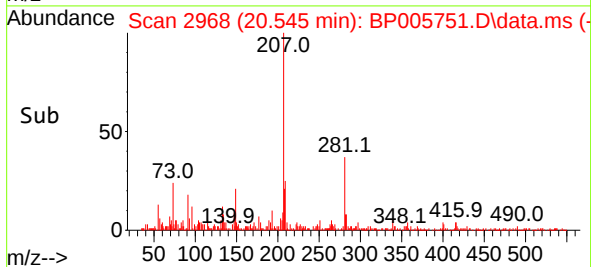
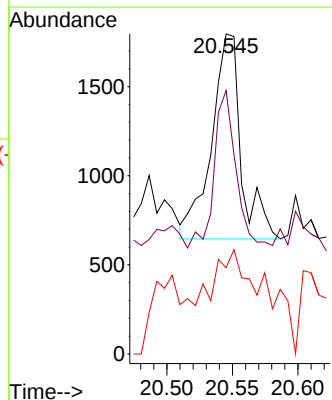
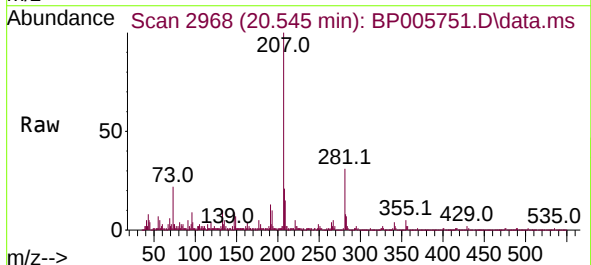
Instrument :
 BNA_P
 ClientSampleId :
 18-B4(0-2)

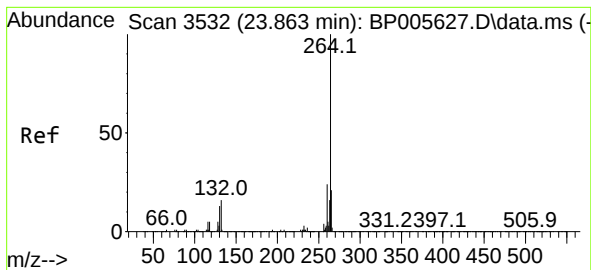
Tgt Ion:244 Resp: 4024072
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.6
 122 9.0 5.2 7.8#



#80
 Butylbenzylphthalate
 Concen: 4.19 ng
 RT: 20.545 min Scan# 2968
 Delta R.T. -0.012 min
 Lab File: BP005751.D
 Acq: 07 Jun 2021 20:06

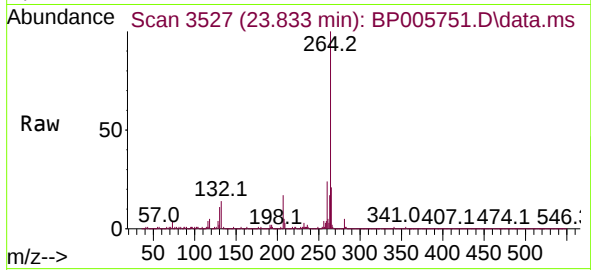
Tgt Ion:149 Resp: 1806
 Ion Ratio Lower Upper
 149 100
 91 82.3 60.2 90.4
 206 26.9 23.9 35.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.833 min Scan# 3527
Delta R.T. -0.018 min
Lab File: BP005751.D
Acq: 07 Jun 2021 20:06

Instrument :
BNA_P
ClientSampleId :
18-B4(0-2)



Tgt Ion:264 Resp: 1053145

Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.6	30.8
265	21.3	19.0	28.6

