Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
Data File : BP005740.D
Acq On : 07 Jun 2021 13:47
Operator : CG/JU
Sample : M2580-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B1(0-2)

Quant Time: Jun 07 16:28:45 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	162947	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	597717	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	355650	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	699711	20.000	ng	# 0.00
76) Chrysene-d12	21.409	240	560034	20.000	ng	# 0.00
86) Perylene-d12	23.845	264	497137	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1241782	118.482	ng	0.01
7) Phenol-d6	7.145	99	1333208	93.311	ng	0.00
23) Nitrobenzene-d5	9.139	82	1068652	99.431	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	762808	167.265	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	2262681	84.197	ng	0.00
79) Terphenyl-d14	19.886	244	2968413	99.459	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.122	88	30092	6.273	ng	# 1
26) 2-Nitrophenol	9.904	139	35	4.163	ng	# 1
32) Benzoic acid	10.057	122	1906	5.352	ng	# 56
48) 2-Nitroaniline	13.763	65	106	4.504	ng	85
50) Dimethylphthalate	14.051	163	138255	4.887	ng	99
51) 2,6-Dinitrotoluene	14.227	165	95	5.072	ng	90
53) 3-Nitroaniline	14.527	138	162	3.677	ng	# 67
54) 2,4-Dinitrophenol	14.721	184	91	6.559	ng	# 1
56) 4-Nitrophenol	14.798	139	55	3.754	ng	# 22
57) 2,4-Dinitrotoluene	14.969	165	106	4.273	ng	# 53
62) 4-Nitroaniline	15.668	138	604	3.716	ng	# 34
80) Butylbenzylphthalate	20.551	149	4720	4.401	ng	# 92

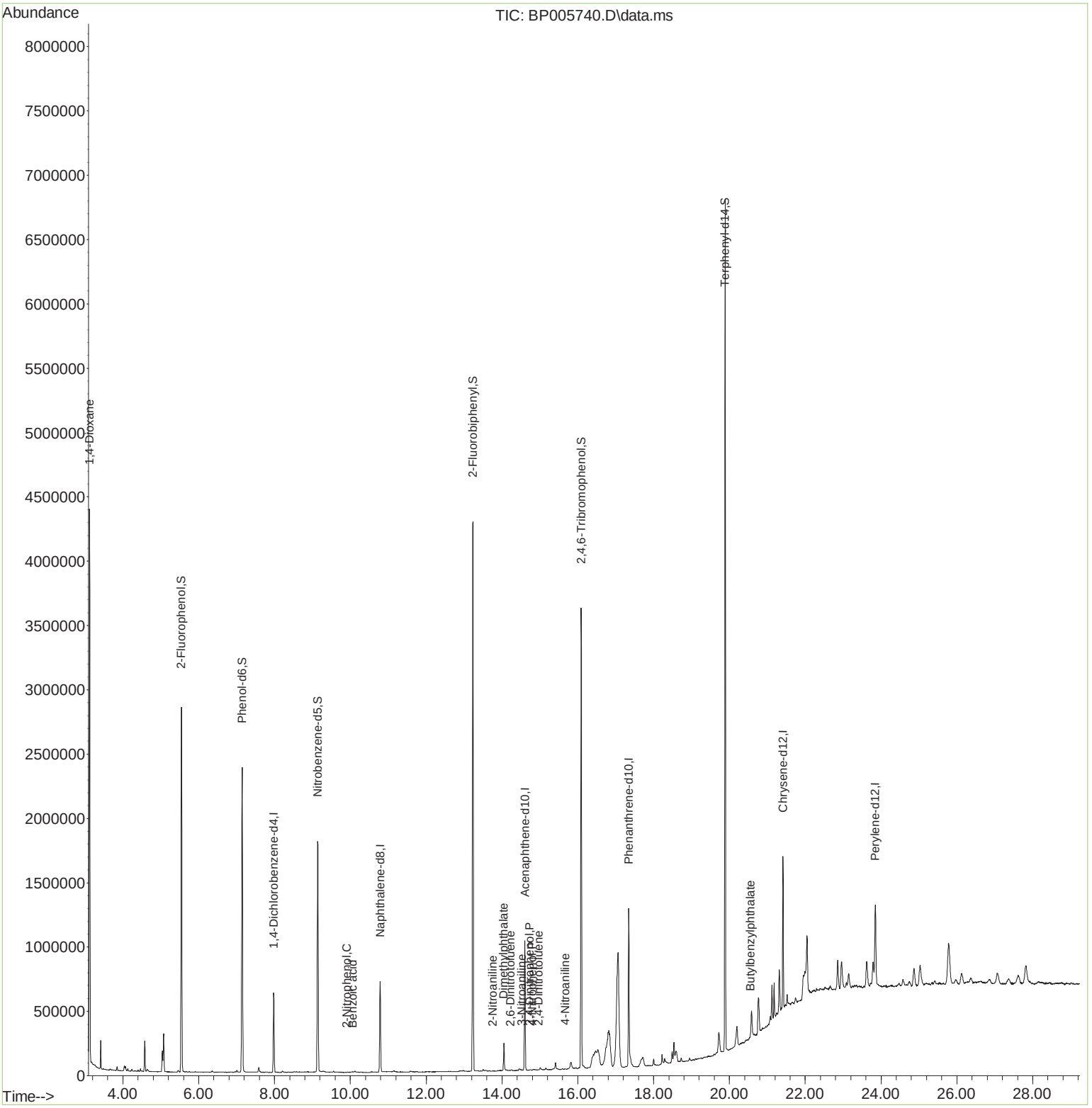
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

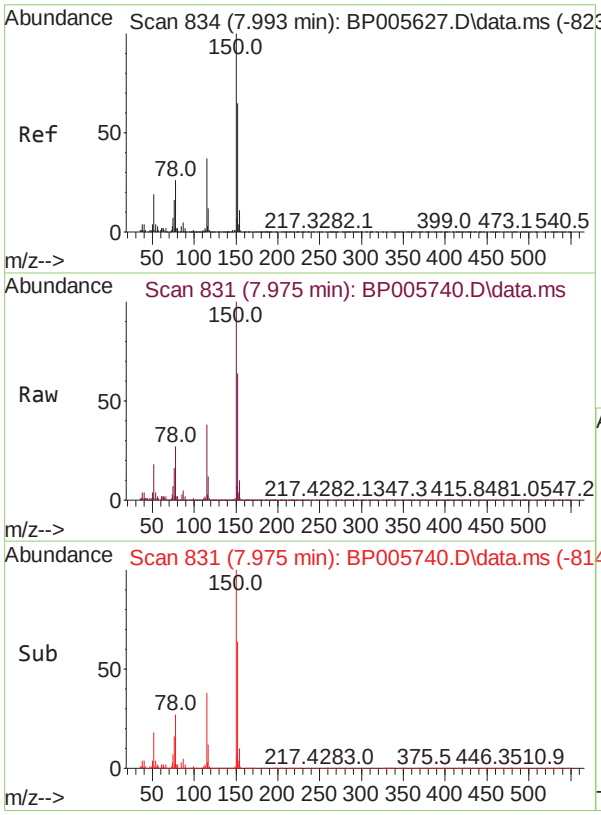
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
Data File : BP005740.D
Acq On : 07 Jun 2021 13:47
Operator : CG/JU
Sample : M2580-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

Quant Time: Jun 07 16:28:45 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



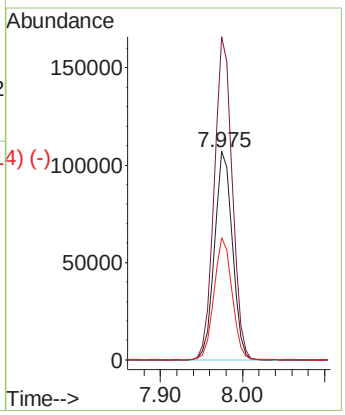
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

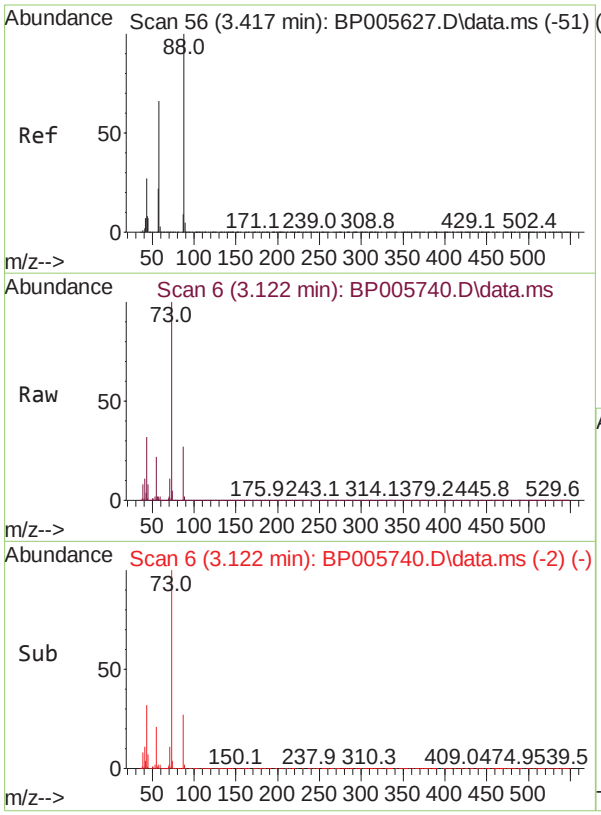


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 831
Delta R.T. -0.000 min
Lab File: BP005740.D
Acq: 07 Jun 2021 13:47

Tgt Ion:152 Resp: 162947

Ion	Ratio	Lower	Upper
152	100		
150	155.1	119.8	179.8
115	58.8	49.0	73.4

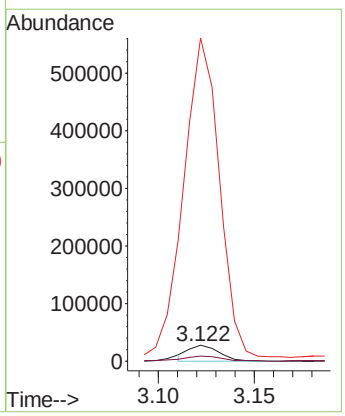


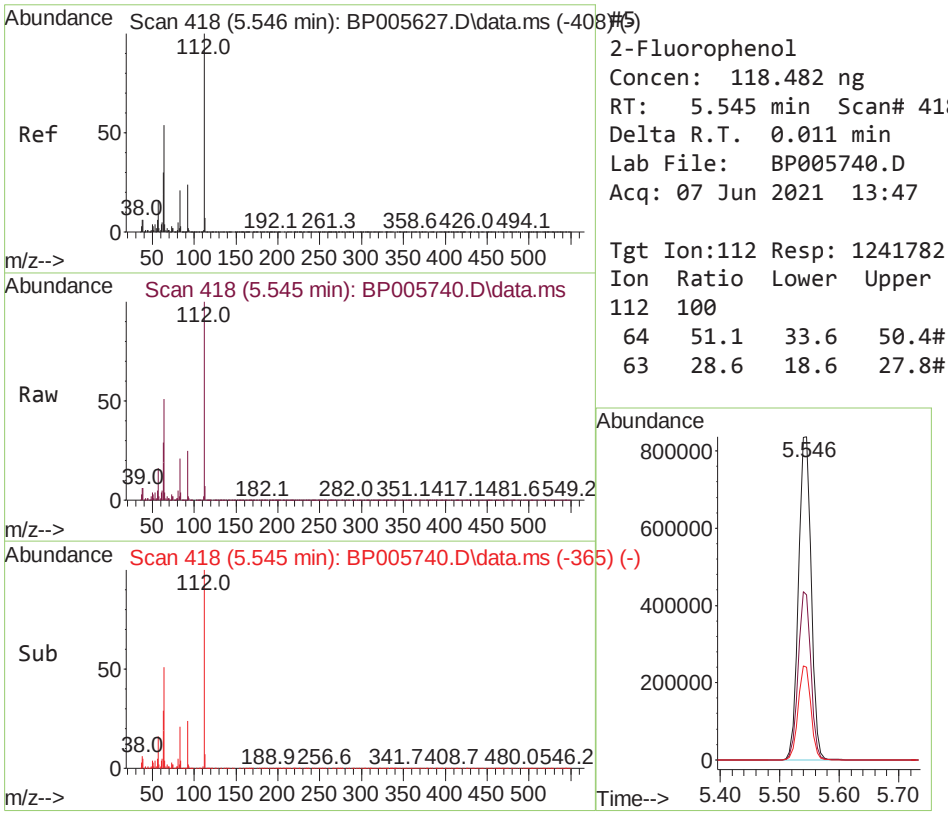


#2
1,4-Dioxane
Concen: 6.273 ng
RT: 3.122 min Scan# 6
Delta R.T. -0.277 min
Lab File: BP005740.D
Acq: 07 Jun 2021 13:47

Tgt Ion: 88 Resp: 30092

Ion	Ratio	Lower	Upper
88	100		
58	31.8	42.5	63.7#
43	2033.6	19.8	29.8#



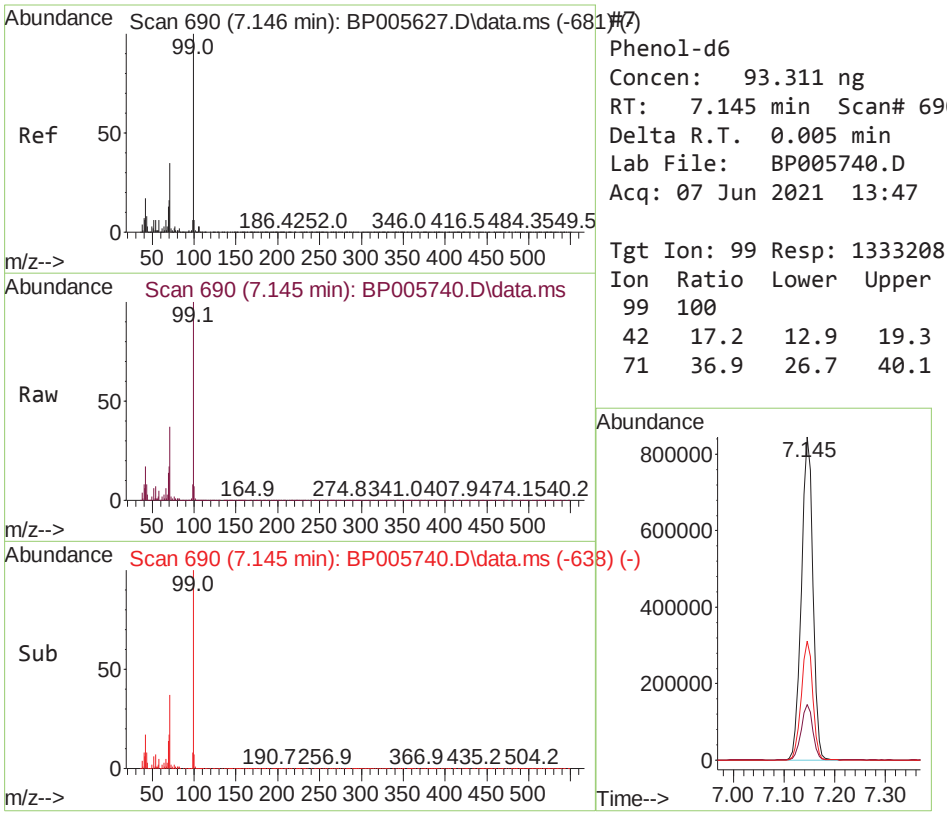


#5
2-Fluorophenol
Concen: 118.482 ng
RT: 5.545 min Scan# 418
Delta R.T. 0.011 min
Lab File: BP005740.D
Acq: 07 Jun 2021 13:47

Tgt Ion:112 Resp: 1241782

Ion	Ratio	Lower	Upper
112	100		
64	51.1	33.6	50.4#
63	28.6	18.6	27.8#

Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

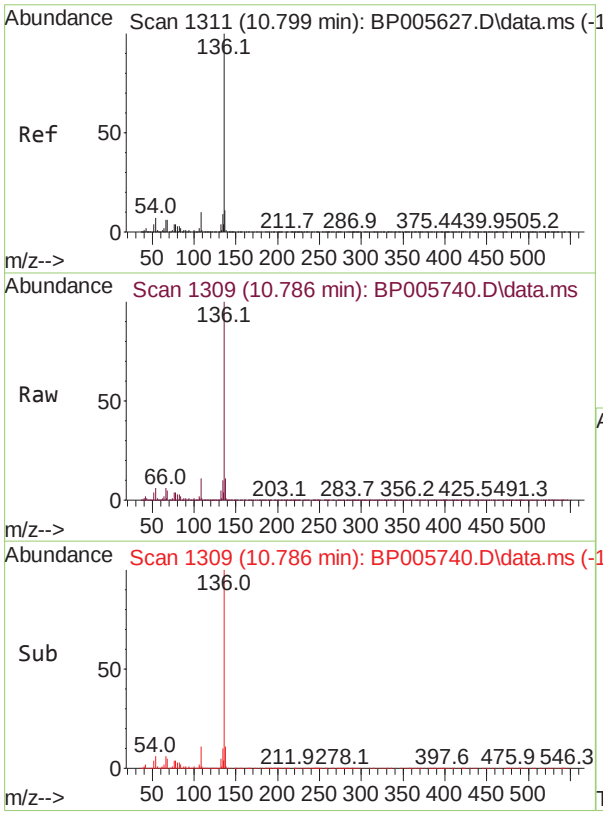


#7
Phenol-d6
Concen: 93.311 ng
RT: 7.145 min Scan# 690
Delta R.T. 0.005 min
Lab File: BP005740.D
Acq: 07 Jun 2021 13:47

Tgt Ion: 99 Resp: 1333208

Ion	Ratio	Lower	Upper
99	100		
42	17.2	12.9	19.3
71	36.9	26.7	40.1

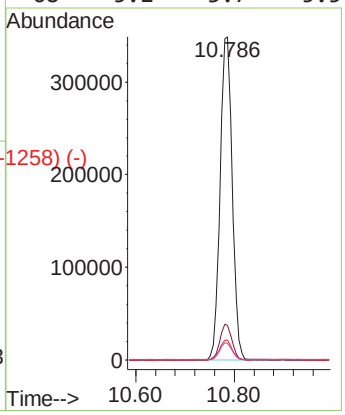
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

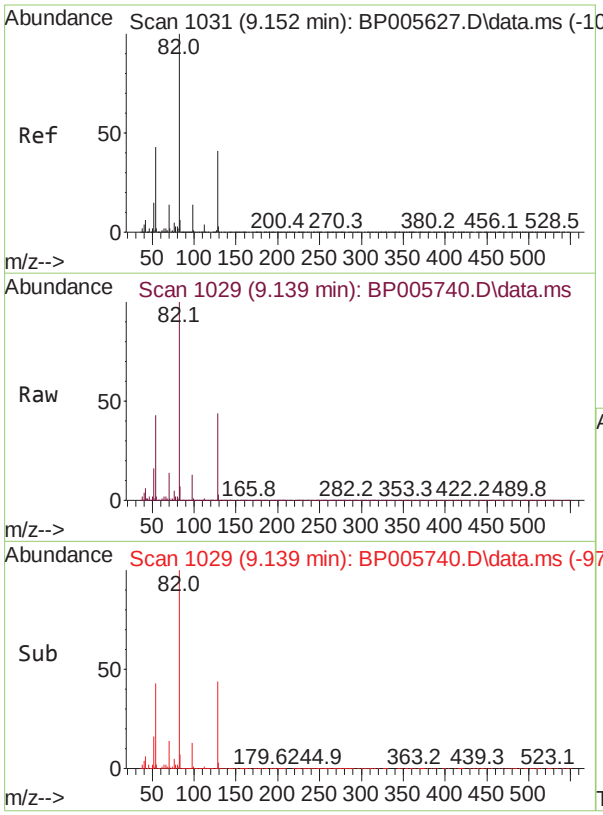


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BP005740.D
Acq: 07 Jun 2021 13:47

Tgt Ion:136 Resp: 597717

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.1	5.0	7.4
68	5.2	3.7	5.5

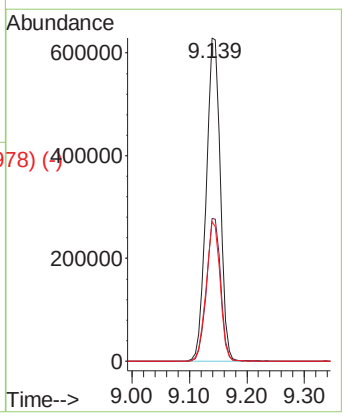




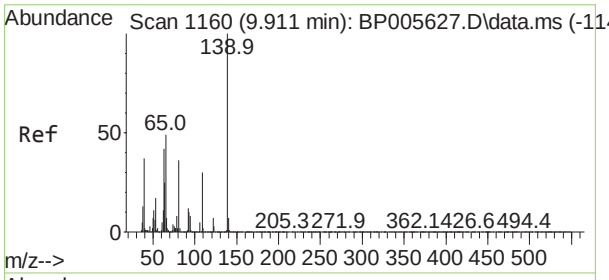
#23
Nitrobenzene-d5
Concen: 99.431 ng
RT: 9.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BP005740.D
Acq: 07 Jun 2021 13:47

Tgt Ion: 82 Resp: 1068652

Ion	Ratio	Lower	Upper
82	100		
128	44.1	30.5	45.7
54	43.1	33.9	50.9



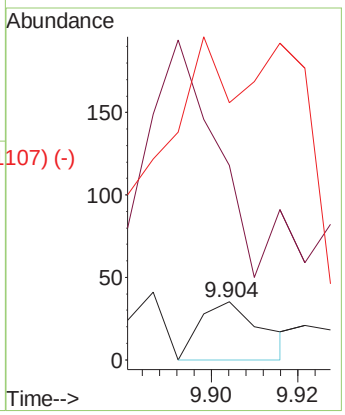
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

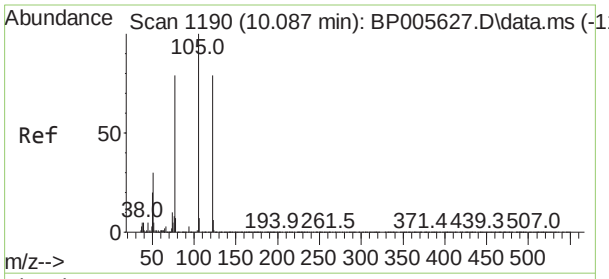


#26
2-Nitrophenol
Concen: 4.163 ng
RT: 9.904 min Scan# 1159
Delta R.T. 0.005 min
Lab File: BP005740.D
Acq: 07 Jun 2021 13:47

Tgt Ion:139 Resp: 35

Ion	Ratio	Lower	Upper
139	100		
109	337.1	40.7	61.1#
65	445.7	47.8	71.6#

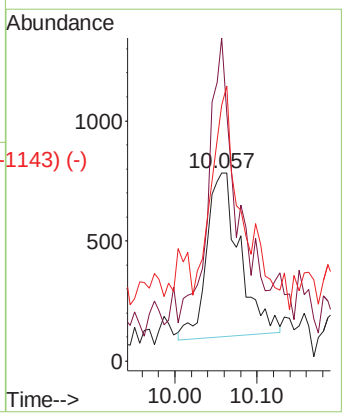




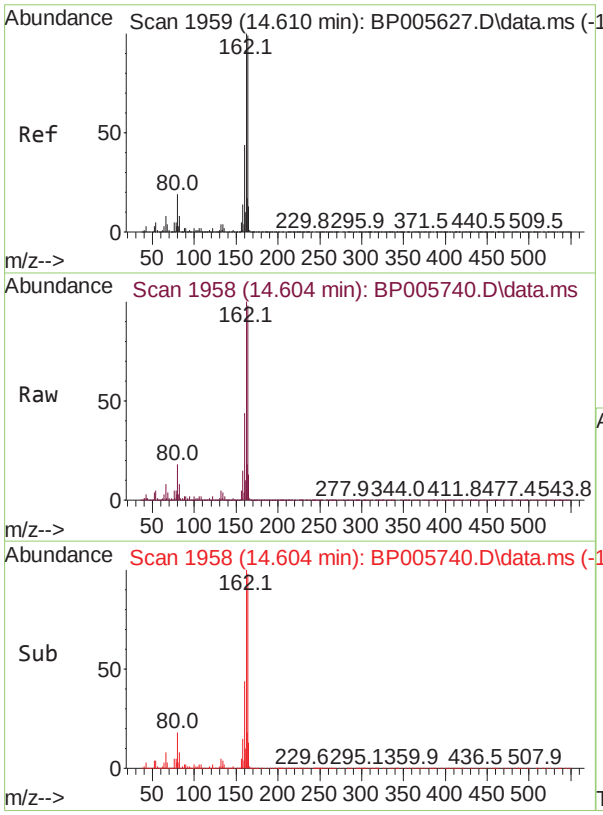
#32
Benzoic acid
Concen: 5.352 ng
RT: 10.057 min Scan# 1185
Delta R.T. -0.053 min
Lab File: BP005740.D
Acq: 07 Jun 2021 13:47

Tgt Ion:122 Resp: 1906

Ion	Ratio	Lower	Upper
122	100		
105	171.6	105.1	145.1#
77	136.0	69.6	109.6#



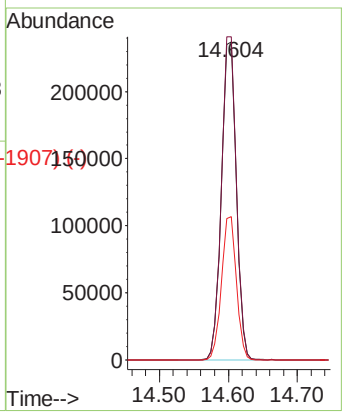
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

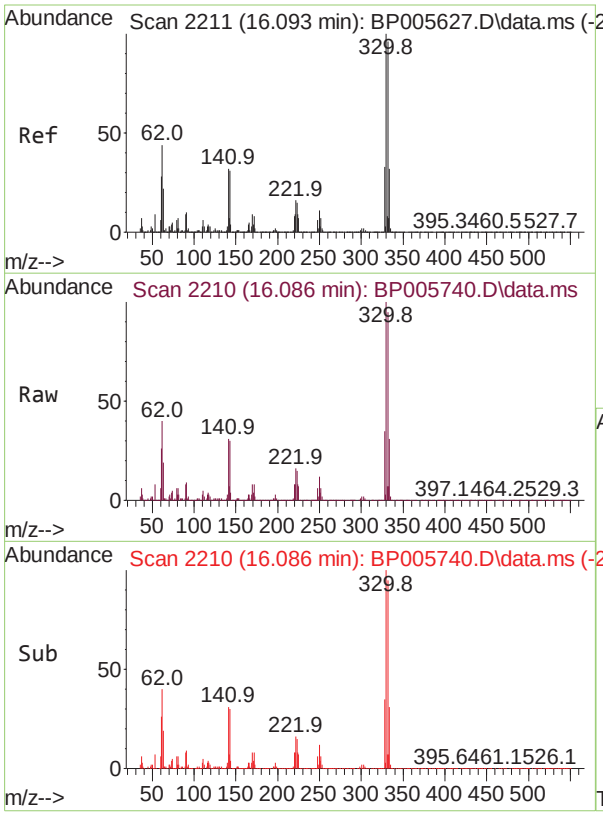


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP005740.D
Acq: 07 Jun 2021 13:47

Tgt Ion:164 Resp: 355650

Ion	Ratio	Lower	Upper
164	100		
162	101.7	73.5	110.3
160	45.1	40.6	61.0

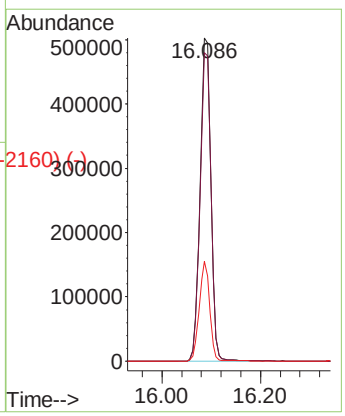




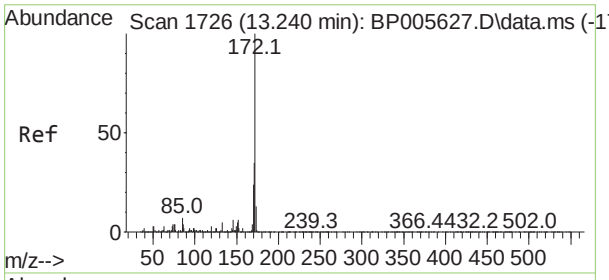
#42
2,4,6-Tribromophenol
Concen: 167.265 ng
RT: 16.086 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BP005740.D
Acq: 07 Jun 2021 13:47

Tgt Ion:330 Resp: 762808

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.3	114.5
141	29.7	22.8	34.2



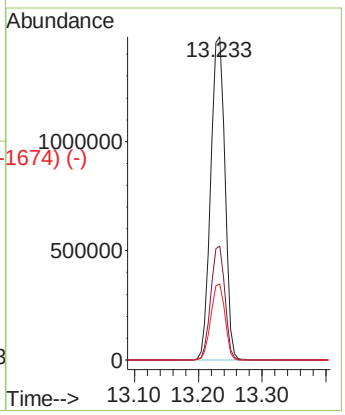
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

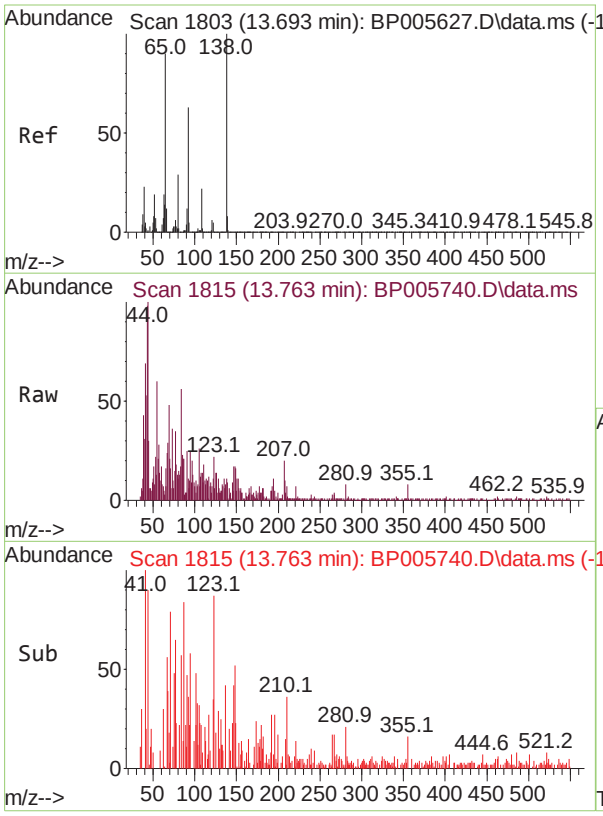


#45
2-Fluorobiphenyl
Concen: 84.197 ng
RT: 13.233 min Scan# 1725
Delta R.T. -0.000 min
Lab File: BP005740.D
Acq: 07 Jun 2021 13:47

Tgt Ion:172 Resp: 2262681

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.1	42.1
170	23.5	19.6	29.4

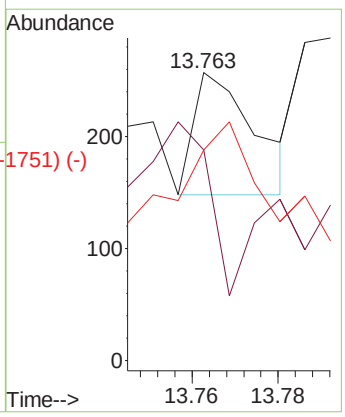




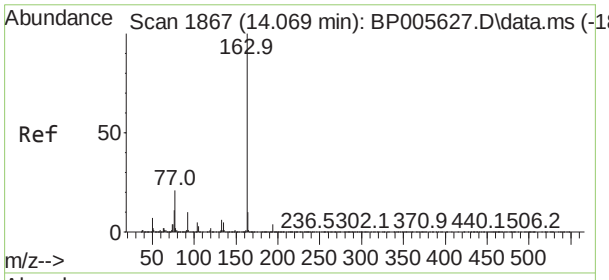
#48
2-Nitroaniline
Concen: 4.504 ng
RT: 13.763 min Scan# 1815
Delta R.T. 0.076 min
Lab File: BP005740.D
Acq: 07 Jun 2021 13:47

Tgt Ion: 65 Resp: 106

Ion	Ratio	Lower	Upper
65	100		
92	73.2	48.8	73.2
138	73.2	69.5	104.3



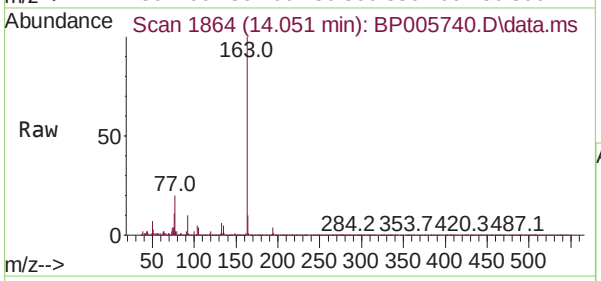
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

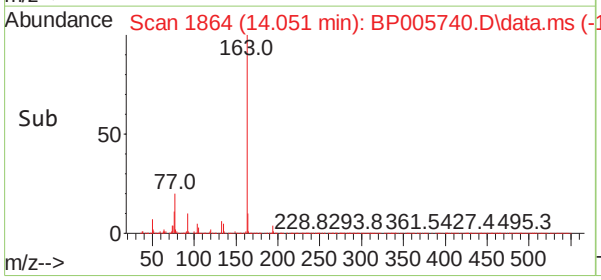


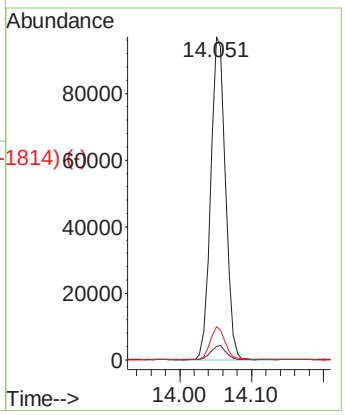
#59
Dimethylphthalate
Concen: 4.887 ng
RT: 14.051 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BP005740.D
Acq: 07 Jun 2021 13:47

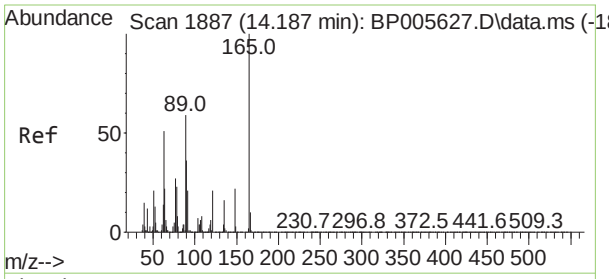
Tgt Ion:163 Resp: 138255

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.9	5.9
164	10.2	8.1	12.1





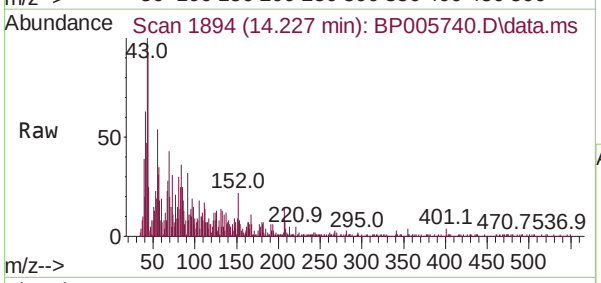


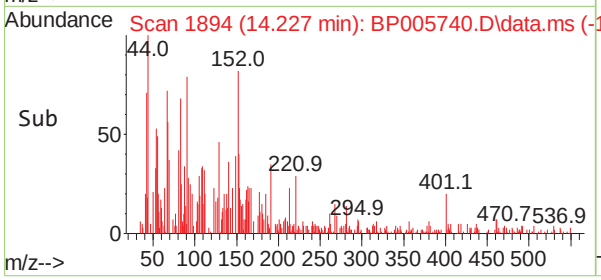


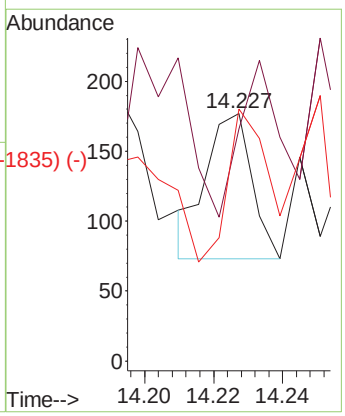
#58
2,6-Dinitrotoluene
Concen: 5.072 ng
RT: 14.227 min Scan# 1894
Delta R.T. 0.047 min
Lab File: BP005740.D
Acq: 07 Jun 2021 13:47

Tgt Ion:165 Resp: 95

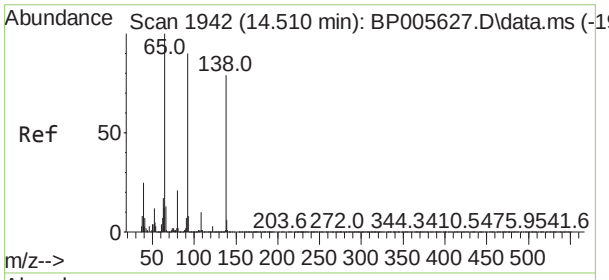
Ion	Ratio	Lower	Upper
165	100		
63	93.8	67.4	101.0
89	101.7	73.8	110.6







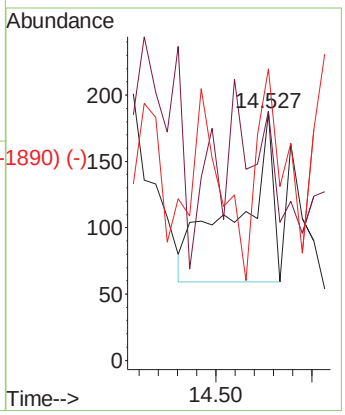
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

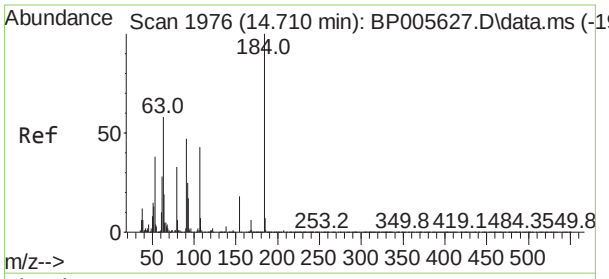


#53
3-Nitroaniline
Concen: 3.677 ng
RT: 14.527 min Scan# 1945
Delta R.T. 0.023 min
Lab File: BP005740.D
Acq: 07 Jun 2021 13:47

Tgt Ion:138 Resp: 162

Ion	Ratio	Lower	Upper
138	100		
108	100.5	10.2	15.4#
92	117.6	108.1	162.1

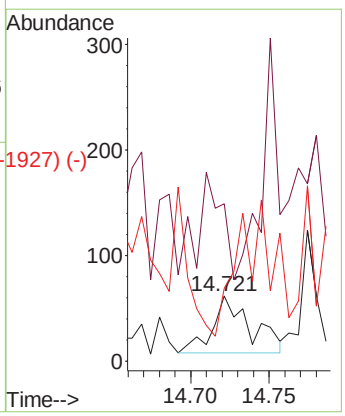




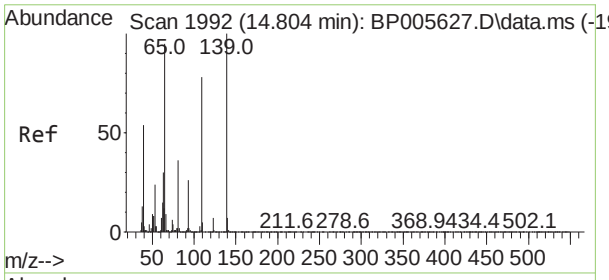
#54
2,4-Dinitrophenol
Concen: 6.559 ng
RT: 14.721 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BP005740.D
Acq: 07 Jun 2021 13:47

Tgt Ion:184 Resp: 91

Ion	Ratio	Lower	Upper
184	100		
63	240.3	51.2	76.8#
154	111.3	55.8	83.8#



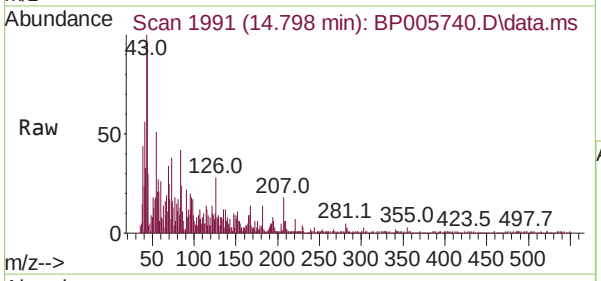
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

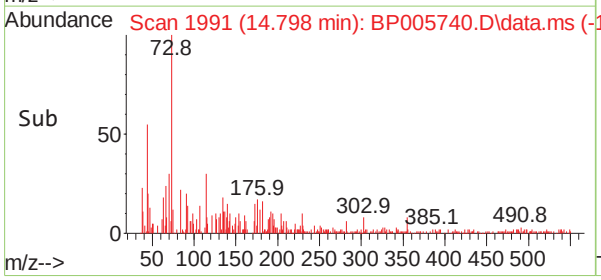


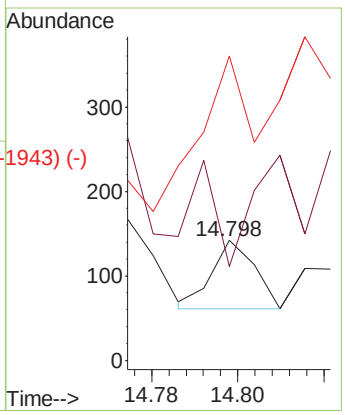
#56
4-Nitrophenol
Concen: 3.754 ng
RT: 14.798 min Scan# 1991
Delta R.T. -0.018 min
Lab File: BP005740.D
Acq: 07 Jun 2021 13:47

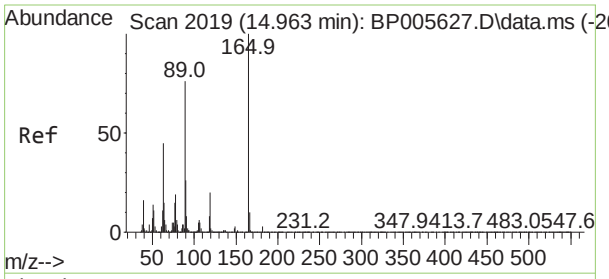
Tgt Ion:139 Resp: 55

Ion	Ratio	Lower	Upper
139	100		
109	78.2	122.8	162.8#
65	253.5	110.0	150.0#





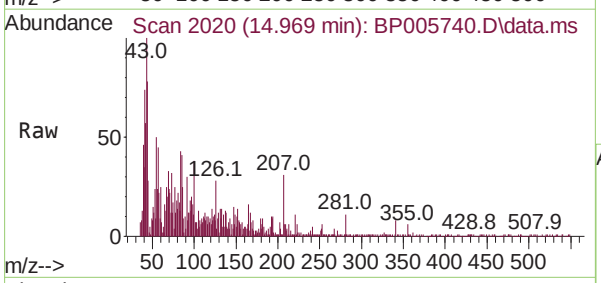


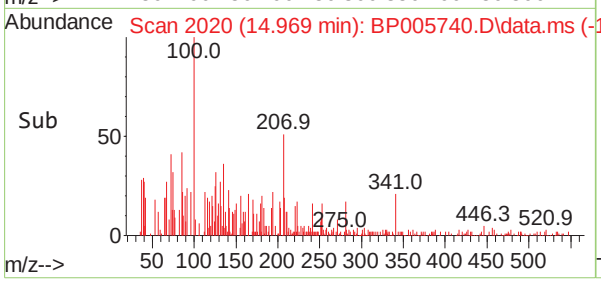


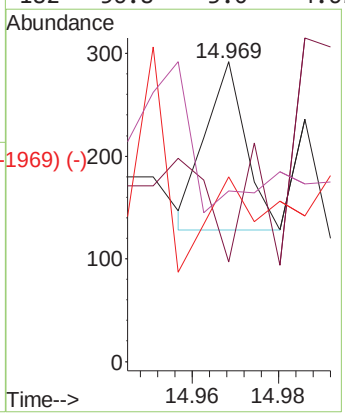
#57
2,4-Dinitrotoluene
Concen: 4.273 ng
RT: 14.969 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BP005740.D
Acq: 07 Jun 2021 13:47

Tgt Ion:165 Resp: 106

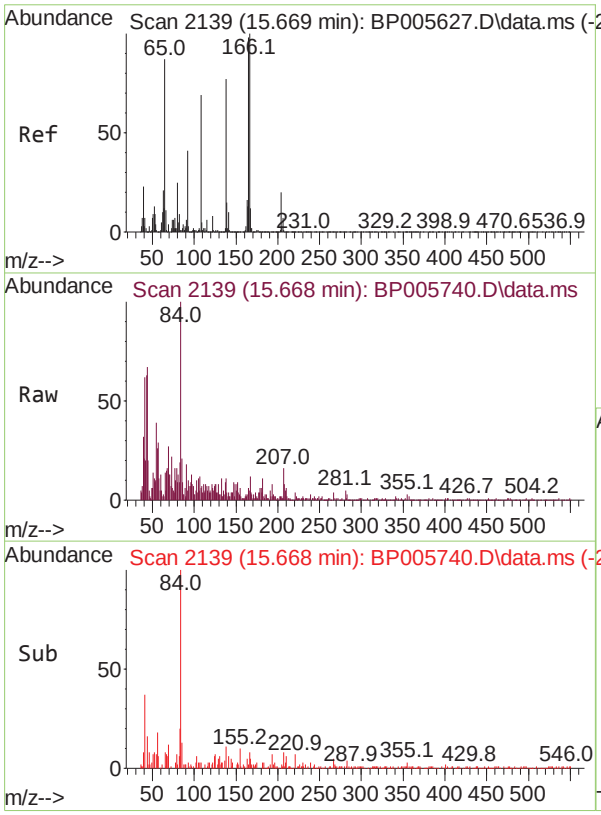
Ion	Ratio	Lower	Upper
165	100		
63	33.2	56.7	85.1#
89	61.6	85.8	128.6#
182	56.8	3.0	4.6#







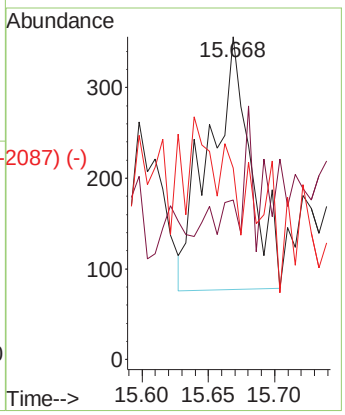
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

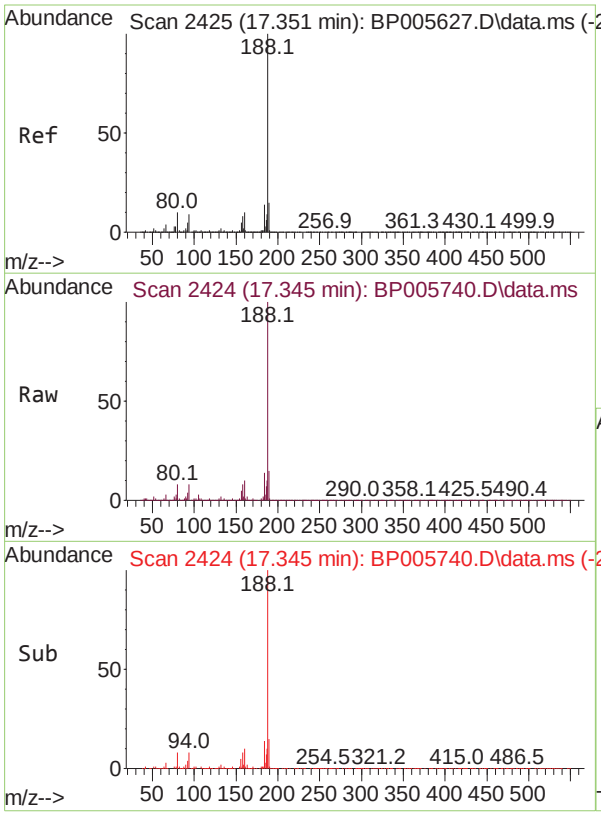


#62
4-Nitroaniline
Concen: 3.716 ng
RT: 15.668 min Scan# 2139
Delta R.T. 0.005 min
Lab File: BP005740.D
Acq: 07 Jun 2021 13:47

Tgt Ion:138 Resp: 604

Ion	Ratio	Lower	Upper
138	100		
92	49.4	50.9	90.9#
108	59.3	154.7	194.7#

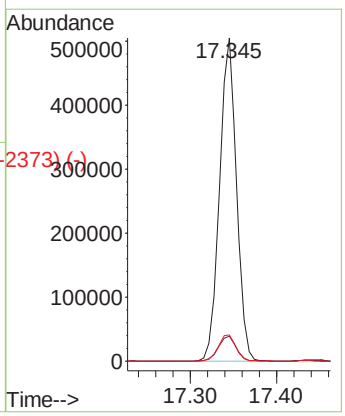




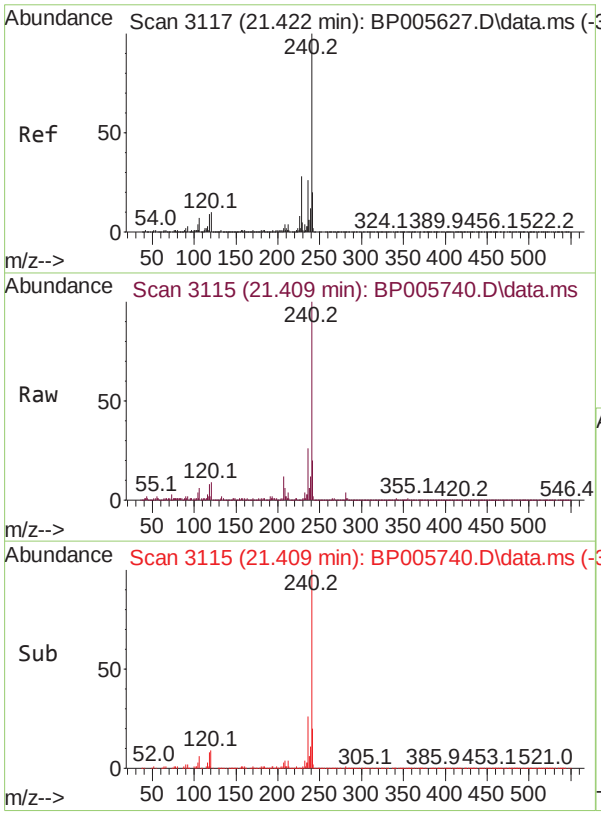
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BP005740.D
Acq: 07 Jun 2021 13:47

Tgt Ion:188 Resp: 699711

Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.0	7.6#
80	8.2	5.9	8.9



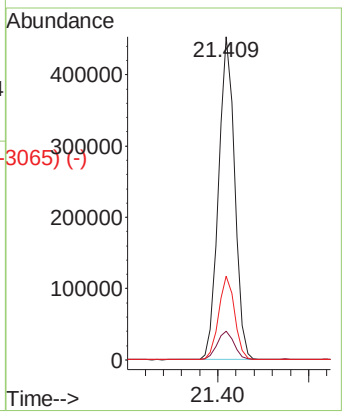
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

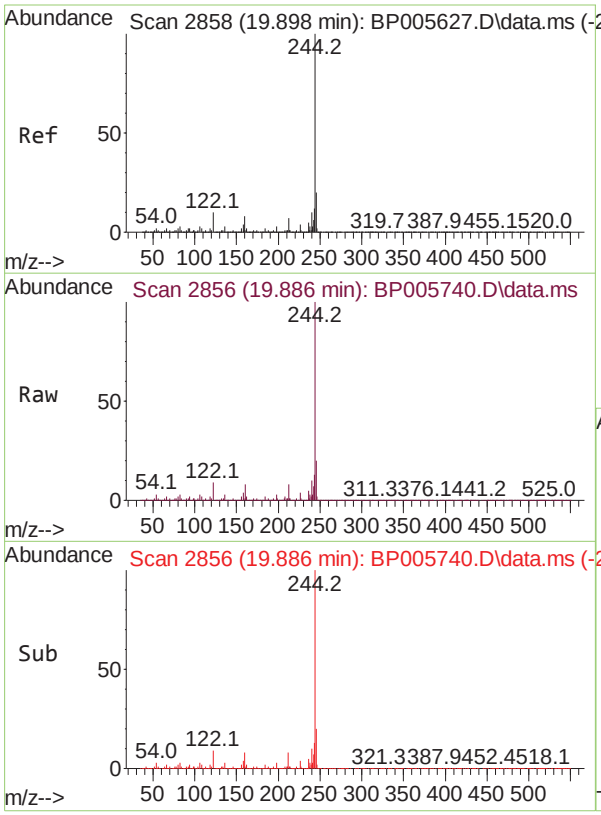


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP005740.D
Acq: 07 Jun 2021 13:47

Tgt Ion:240 Resp: 560034

Ion	Ratio	Lower	Upper
240	100		
120	9.0	4.2	6.2#
236	25.8	20.2	30.2

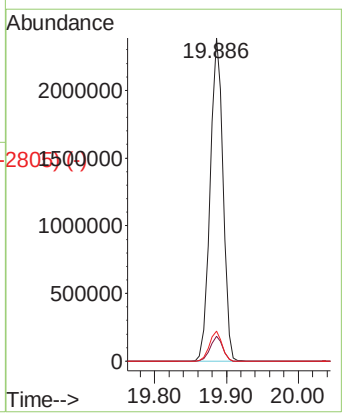




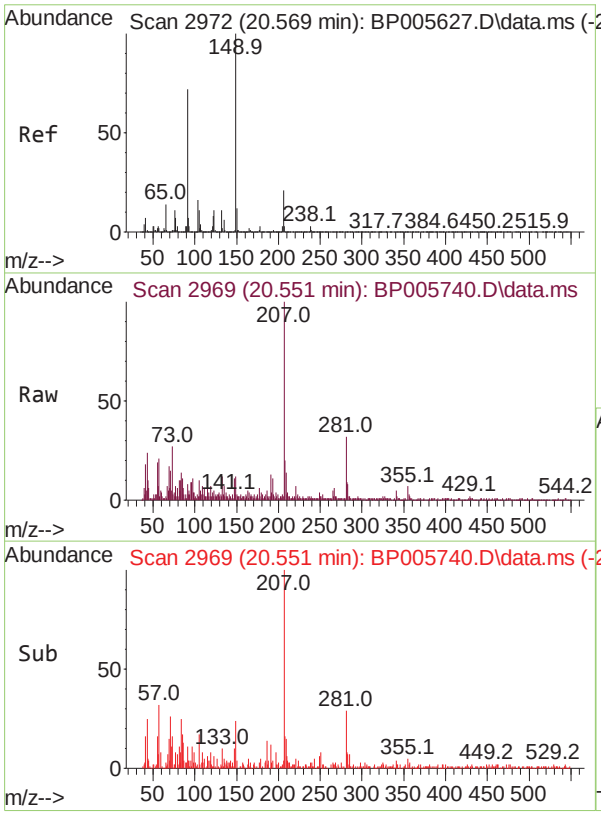
#79
Terphenyl-d14
Concen: 99.459 ng
RT: 19.886 min Scan# 2856
Delta R.T. -0.000 min
Lab File: BP005740.D
Acq: 07 Jun 2021 13:47

Tgt Ion:244 Resp: 2968413

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	9.2	5.2	7.8#



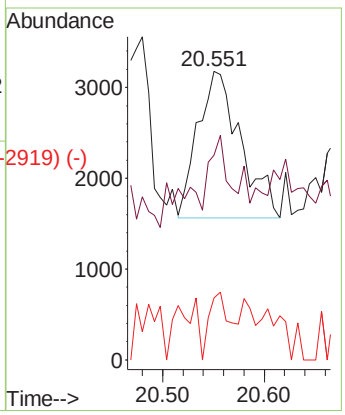
Instrument :
BNA_P
ClientSampleId :
18-B1(0-2)

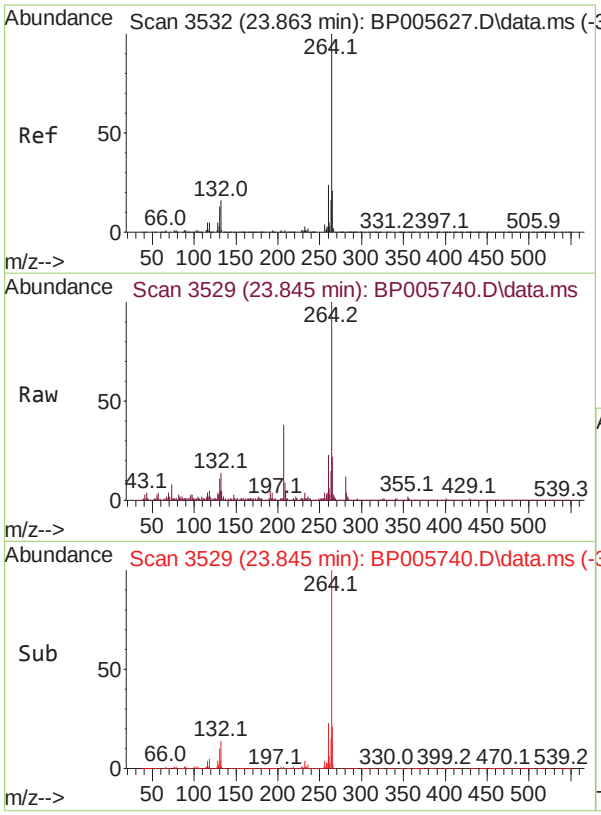


#80
Butylbenzylphthalate
Concen: 4.401 ng
RT: 20.551 min Scan# 2969
Delta R.T. -0.006 min
Lab File: BP005740.D
Acq: 07 Jun 2021 13:47

Tgt Ion:149 Resp: 4720

Ion	Ratio	Lower	Upper
149	100		
91	70.9	60.2	90.4
206	21.4	23.9	35.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.845 min Scan# 3529
Delta R.T. -0.006 min
Lab File: BP005740.D
Acq: 07 Jun 2021 13:47

Tgt Ion:264 Resp: 497137

Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.6	30.8
265	22.2	19.0	28.6