Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
Data File : BP005744.D
Acq On : 07 Jun 2021 16:05
Operator : CG/JU
Sample : M2580-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 18-B1(4-6)

Quant Time: Jun 07 16:47:17 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	174642	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	657286	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	412442	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	876360	20.000	ng	# 0.00
76) Chrysene-d12	21.404	240	920004	20.000	ng	#-0.01
86) Perylene-d12	23.839	264	979167	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1388443	123.604	ng	0.01
7) Phenol-d6	7.146	99	1557754	101.726	ng	0.00
23) Nitrobenzene-d5	9.146	82	1266749	107.181	ng	0.00
42) 2,4,6-Tribromophenol	16.087	330	969568	183.328	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	2758800	88.523	ng	0.00
79) Terphenyl-d14	19.886	244	4114705	83.924	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.899	139	20	4.159	ng	# 1
31) Naphthalene	10.834	128	322796	8.247	ng	98
32) Benzoic acid	10.116	122	165	5.040	ng	# 25
33) 4-Chloroaniline	10.834	127	43732	2.683	ng	# 30
48) 2-Nitroaniline	13.663	65	366	4.539	ng	# 48
50) Dimethylphthalate	14.051	163	129283	3.941	ng	99
51) 2,6-Dinitrotoluene	14.163	165	224	5.086	ng	# 53
53) 3-Nitroaniline	14.516	138	145	3.672	ng	# 11
54) 2,4-Dinitrophenol	14.728	184	7	6.529	ng	# 1
56) 4-Nitrophenol	14.869	139	464	3.817	ng	# 23
57) 2,4-Dinitrotoluene	14.934	165	85	4.269	ng	# 62
62) 4-Nitroaniline	15.645	138	487	3.690	ng	# 2
73) Carbazole	17.739	167	159906	3.014	ng	98
80) Butylbenzylphthalate	20.551	149	20369	4.840	ng	96

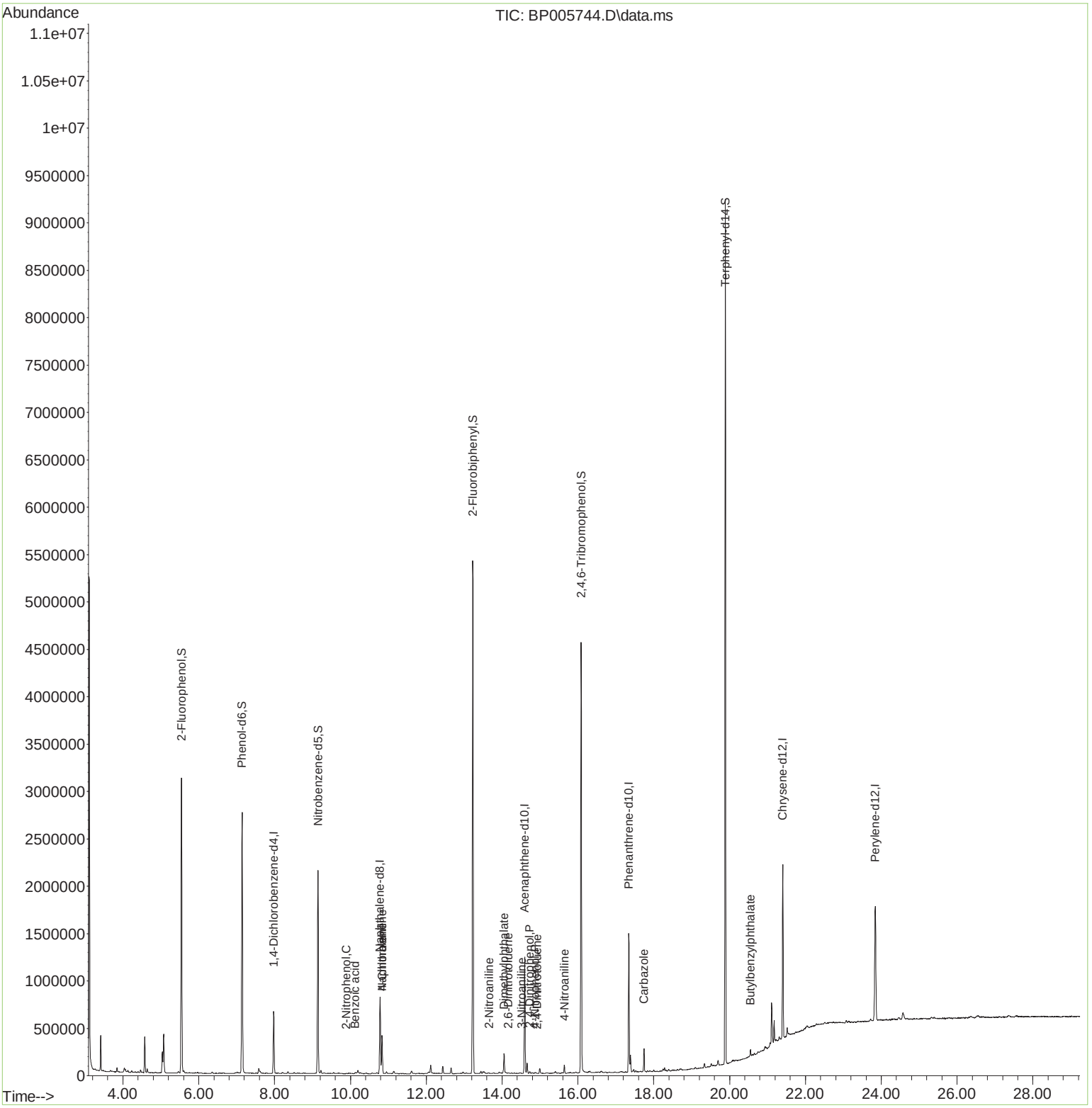
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

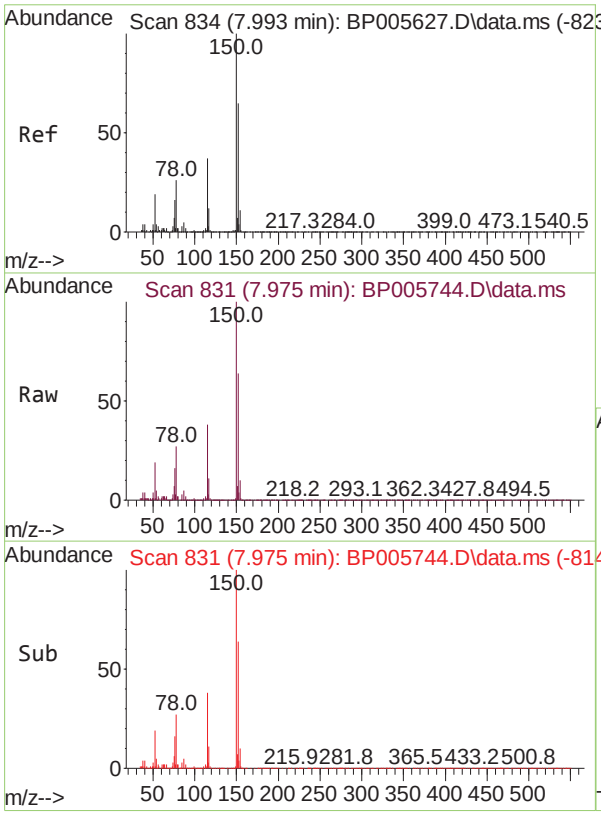
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060721\
Data File : BP005744.D
Acq On : 07 Jun 2021 16:05
Operator : CG/JU
Sample : M2580-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

Quant Time: Jun 07 16:47:17 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



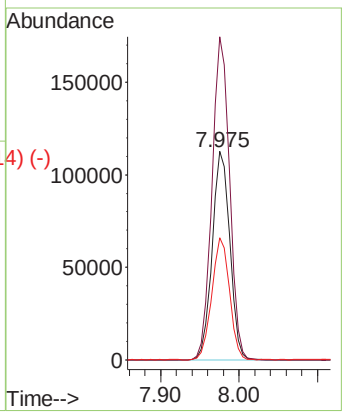
Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

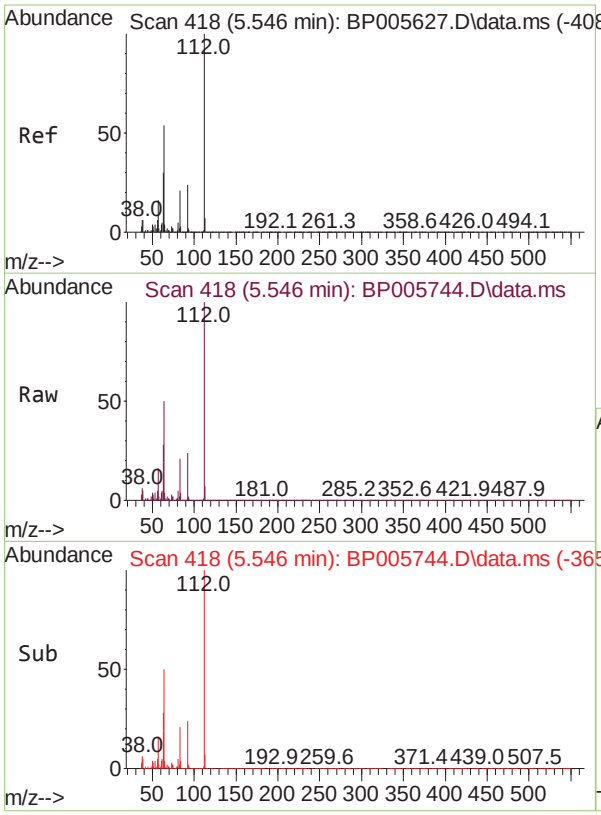


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 831
Delta R.T. 0.000 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion:152 Resp: 174642

Ion	Ratio	Lower	Upper
152	100		
150	155.1	119.8	179.8
115	58.6	49.0	73.4

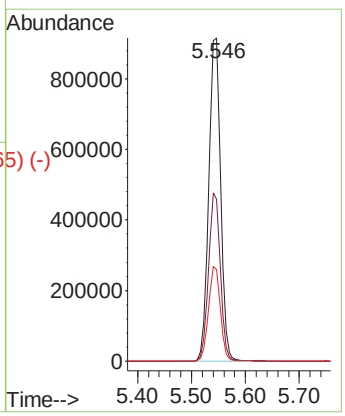




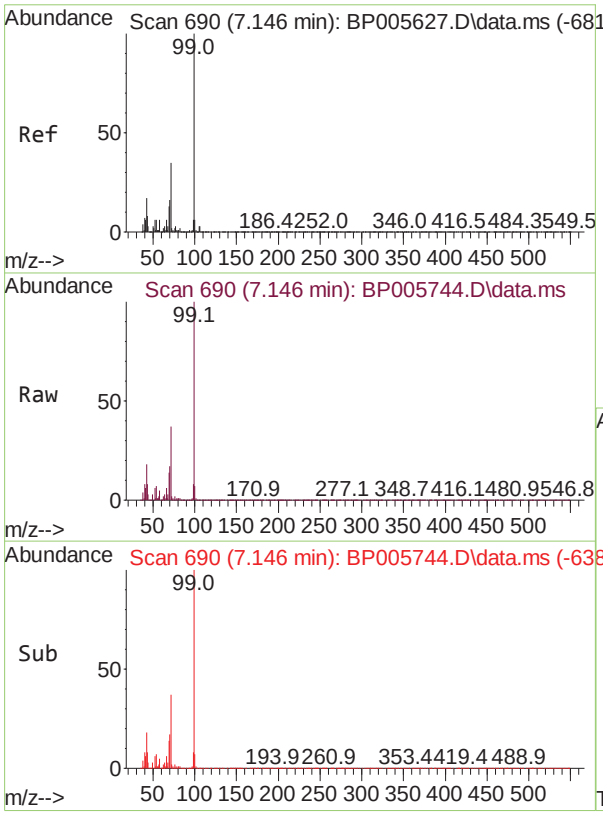
#5
2-Fluorophenol
Concen: 123.604 ng
RT: 5.546 min Scan# 418
Delta R.T. 0.012 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion:112 Resp: 1388443

Ion	Ratio	Lower	Upper
112	100		
64	50.0	33.6	50.4
63	28.4	18.6	27.8#



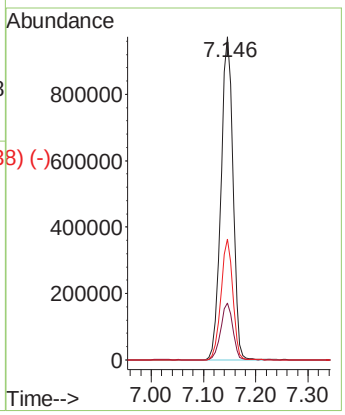
Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

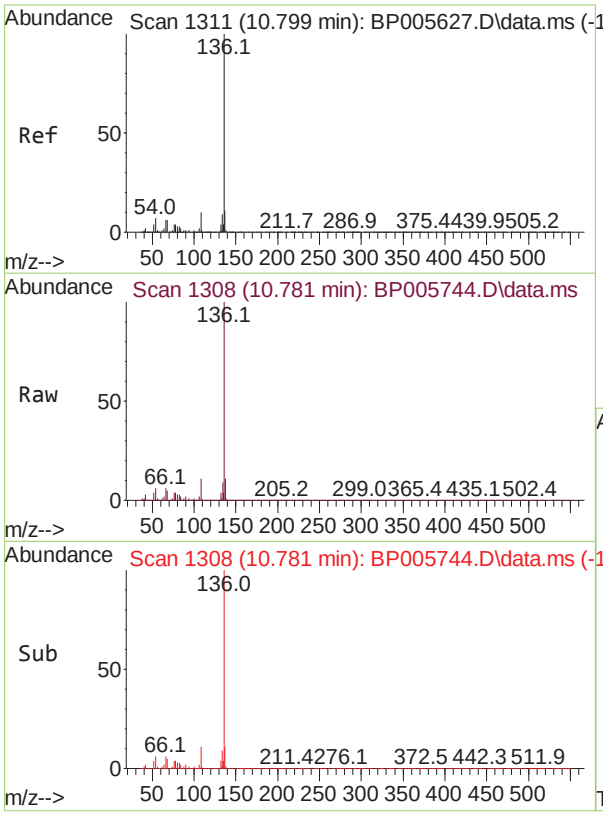


#7
Phenol-d6
Concen: 101.726 ng
RT: 7.146 min Scan# 690
Delta R.T. 0.006 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion: 99 Resp: 1557754

Ion	Ratio	Lower	Upper
99	100		
42	17.7	12.9	19.3
71	37.4	26.7	40.1

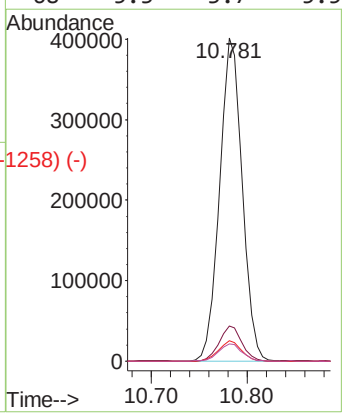




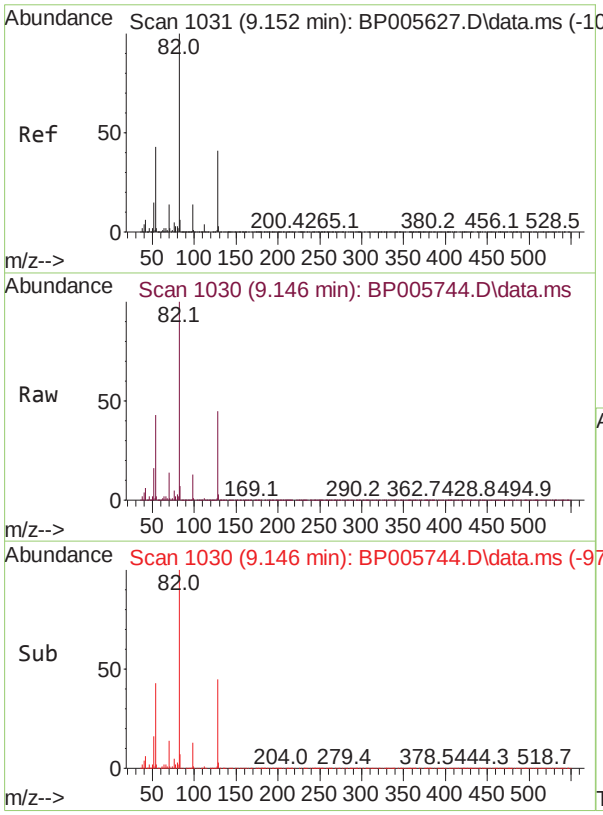
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion:136 Resp: 657286

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.3	5.0	7.4
68	5.3	3.7	5.5



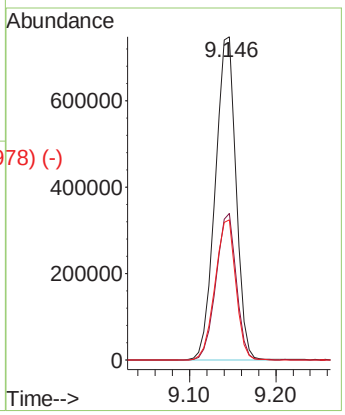
Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

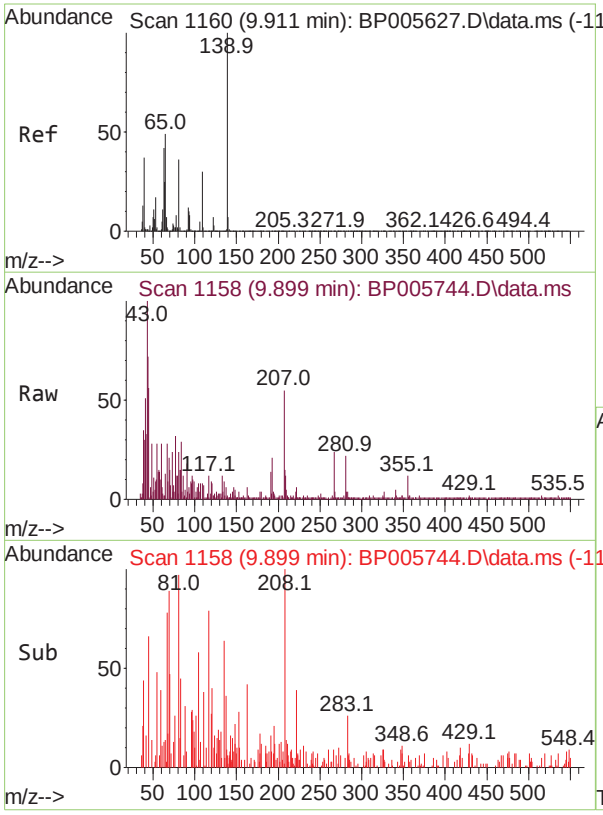


#23
Nitrobenzene-d5
Concen: 107.181 ng
RT: 9.146 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion: 82 Resp: 1266749

Ion	Ratio	Lower	Upper
82	100		
128	45.4	30.5	45.7
54	43.3	33.9	50.9

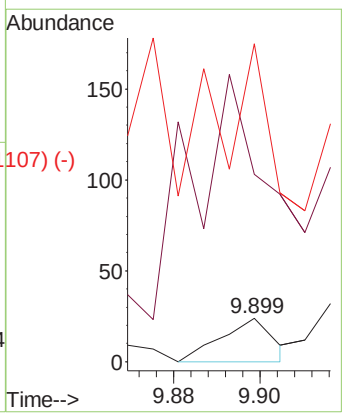




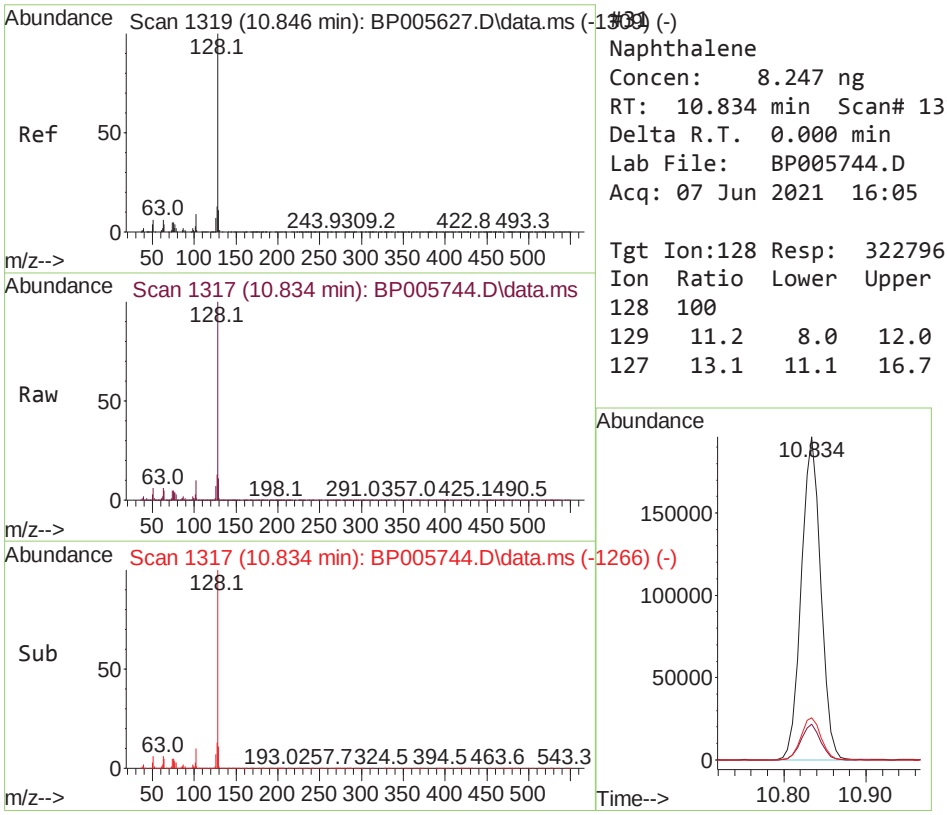
#26
2-Nitrophenol
Concen: 4.159 ng
RT: 9.899 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion:139 Resp: 20

Ion	Ratio	Lower	Upper
139	100		
109	429.2	40.7	61.1#
65	729.2	47.8	71.6#



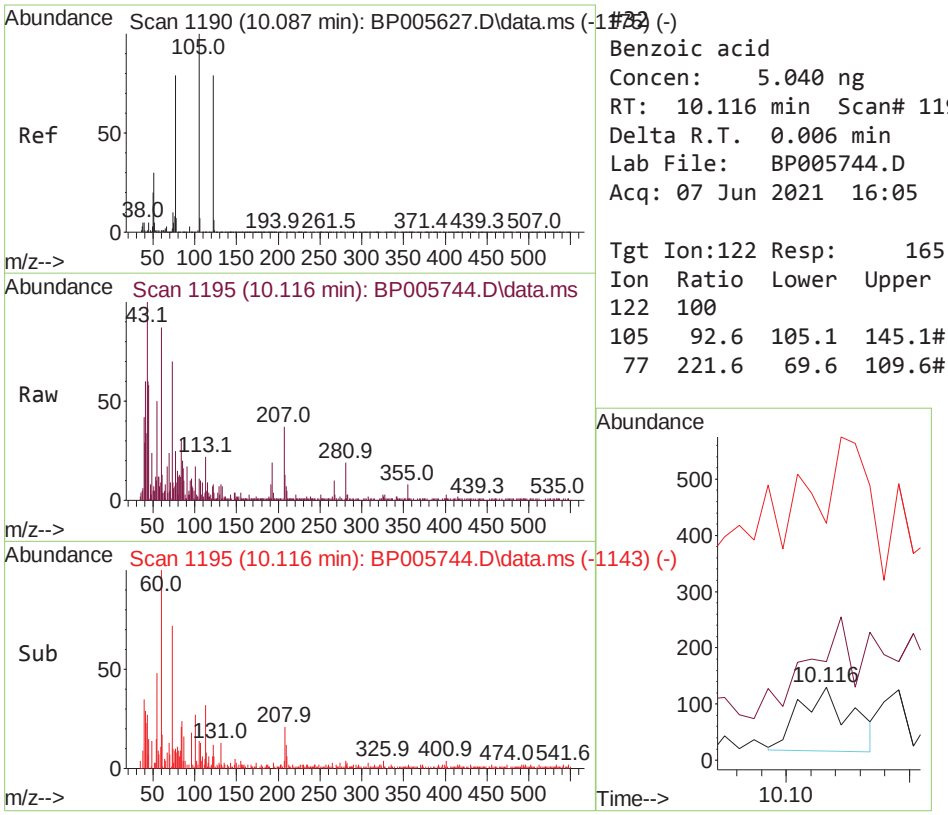
Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)



#31
Naphthalene
Concen: 8.247 ng
RT: 10.834 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion:128 Resp: 322796

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.0	12.0
127	13.1	11.1	16.7

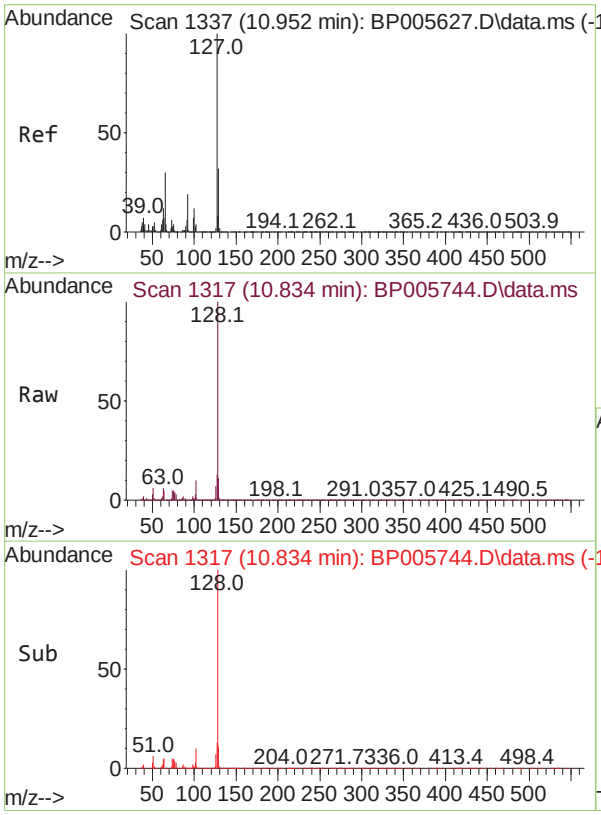


#32
Benzoic acid
Concen: 5.040 ng
RT: 10.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion:122 Resp: 165

Ion	Ratio	Lower	Upper
122	100		
105	92.6	105.1	145.1#
77	221.6	69.6	109.6#

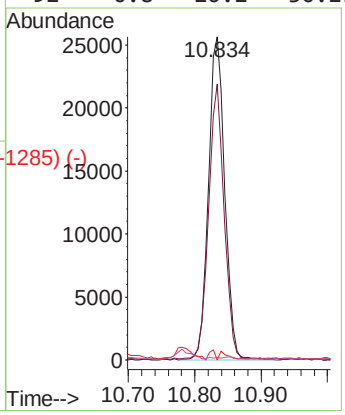
Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

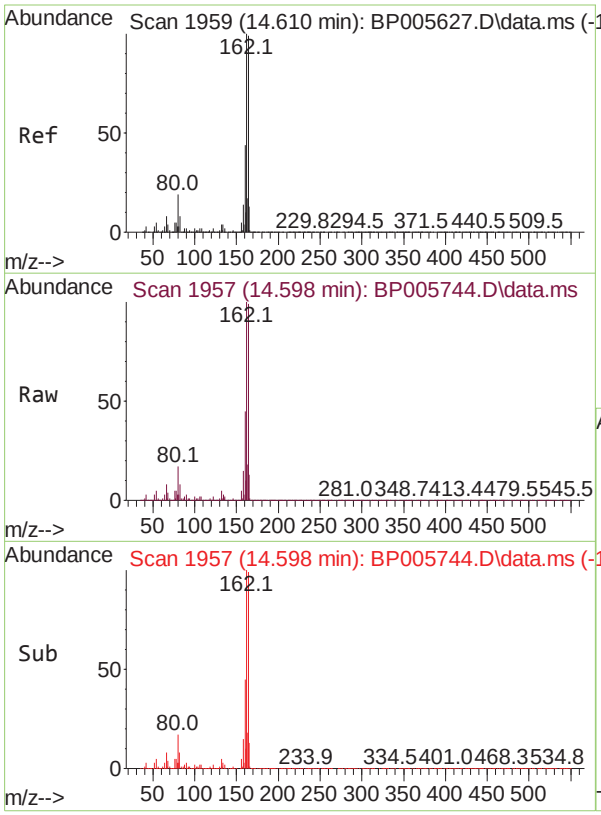


#22
4-Chloroaniline
Concen: 2.683 ng
RT: 10.834 min Scan# 1317
Delta R.T. -0.112 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion:127 Resp: 43732

Ion	Ratio	Lower	Upper
127	100		
129	85.3	25.5	38.3#
65	0.0	30.0	45.0#
92	0.8	20.2	30.2#

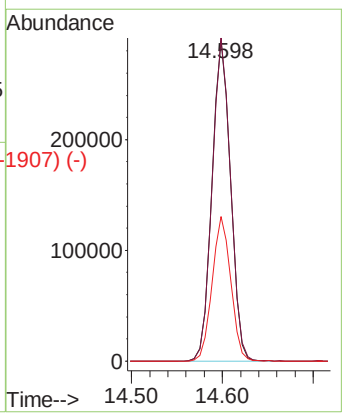




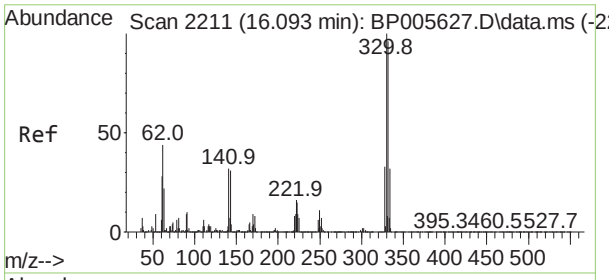
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion:164 Resp: 412442

Ion	Ratio	Lower	Upper
164	100		
162	100.7	73.5	110.3
160	45.2	40.6	61.0



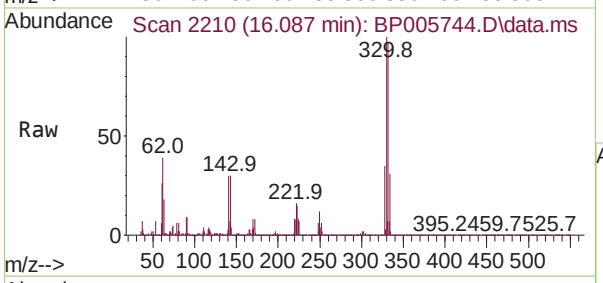
Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

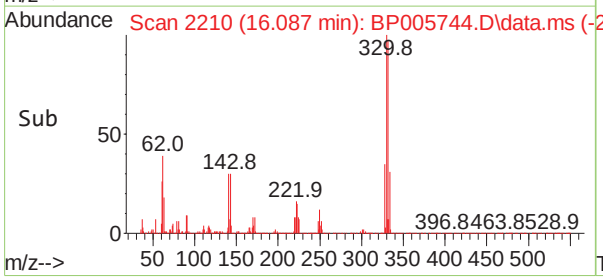


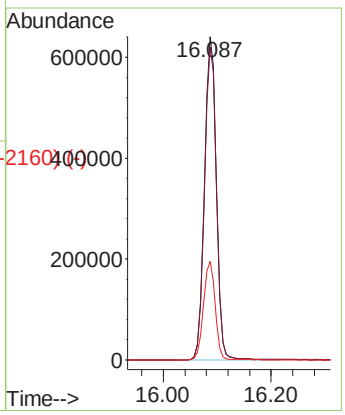
#42
2,4,6-Tribromophenol
Concen: 183.328 ng
RT: 16.087 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

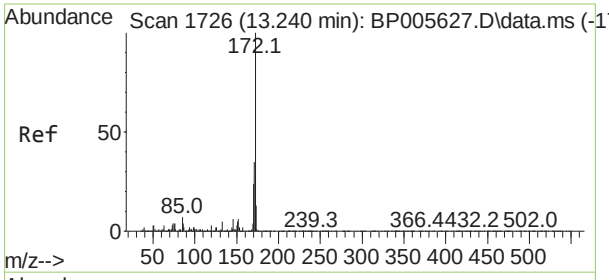
Tgt Ion:330 Resp: 969568

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.3	114.5
141	30.1	22.8	34.2





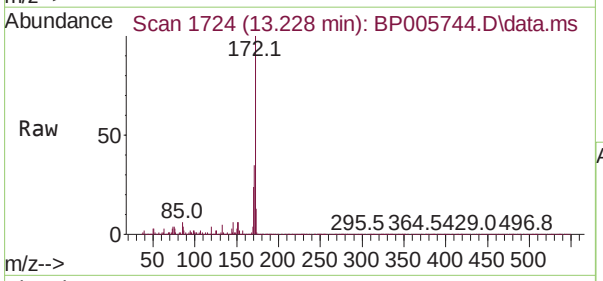


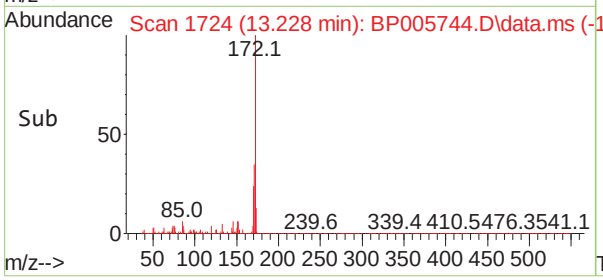


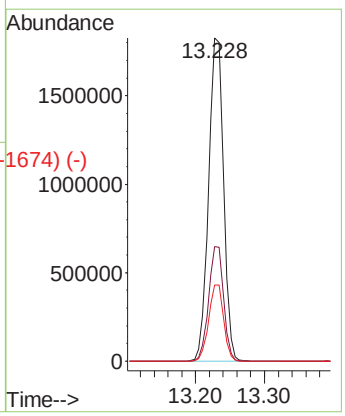
#45
2-Fluorobiphenyl
Concen: 88.523 ng
RT: 13.228 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion:172 Resp: 2758800

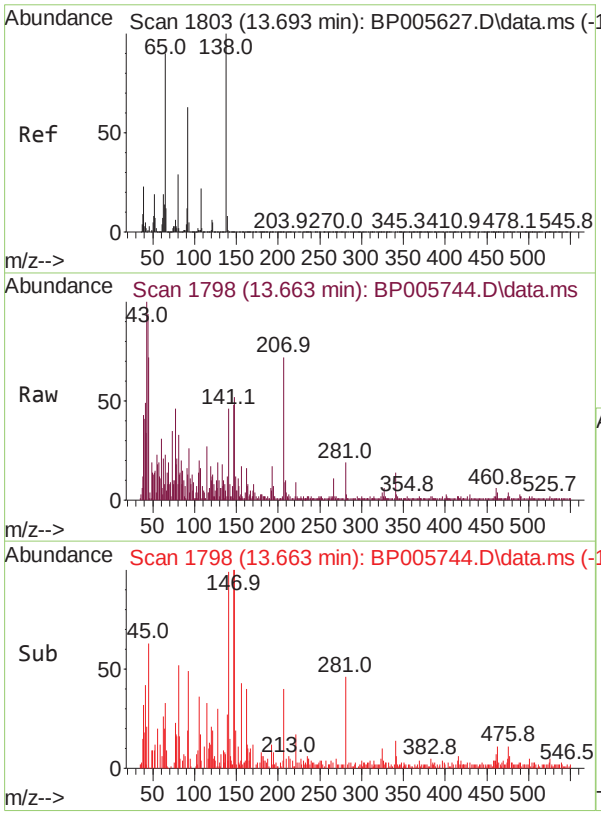
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	23.5	19.6	29.4







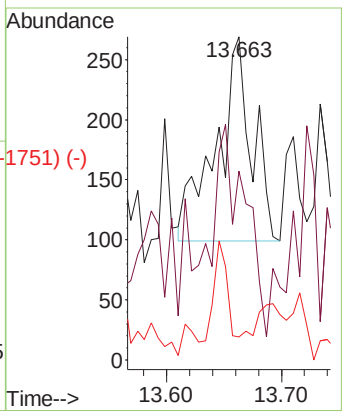
Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

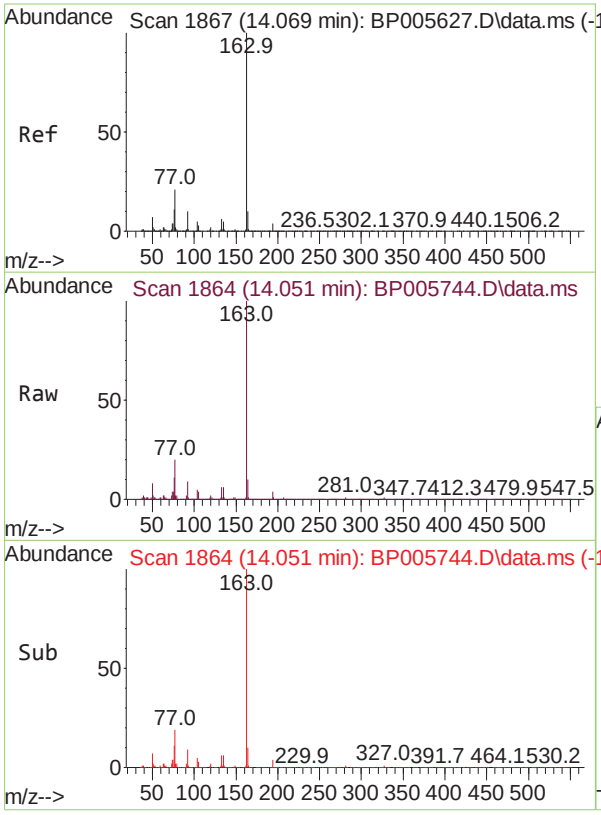


#48
2-Nitroaniline
Concen: 4.539 ng
RT: 13.663 min Scan# 1798
Delta R.T. -0.023 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion: 65 Resp: 366

Ion	Ratio	Lower	Upper
65	100		
92	58.4	48.8	73.2
138	7.1	69.5	104.3#

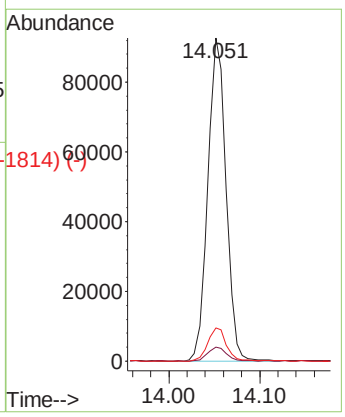




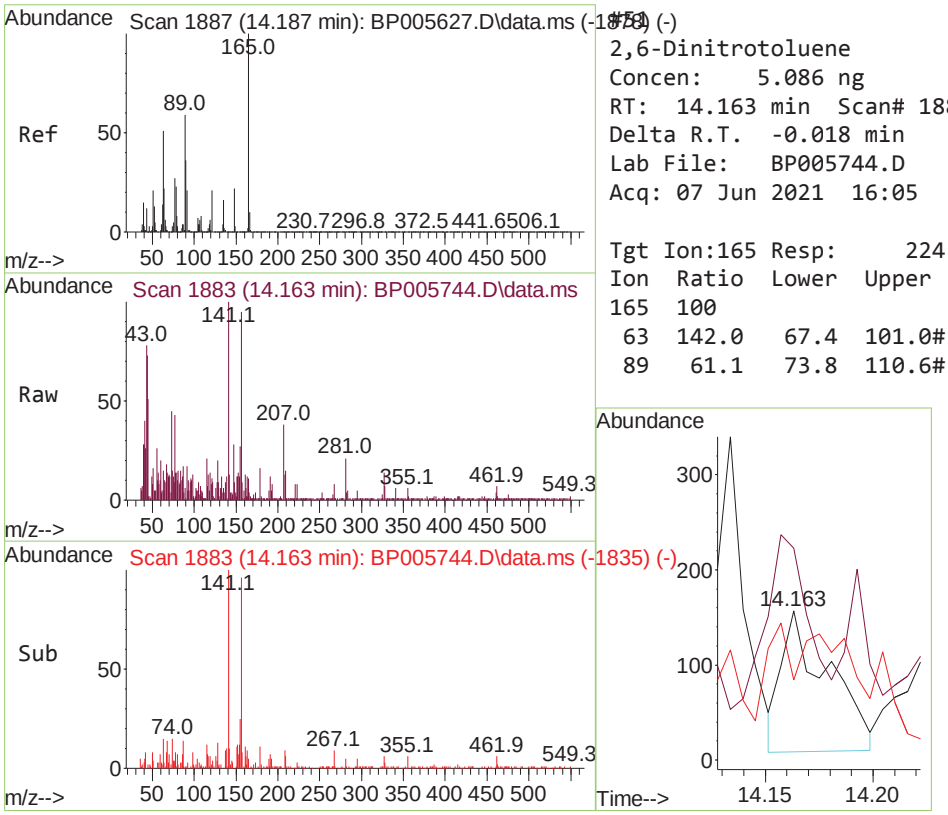
#50
Dimethylphthalate
Concen: 3.941 ng
RT: 14.051 min Scan# 1864
Delta R.T. -0.006 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion:163 Resp: 129283

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.9	5.9
164	10.3	8.1	12.1



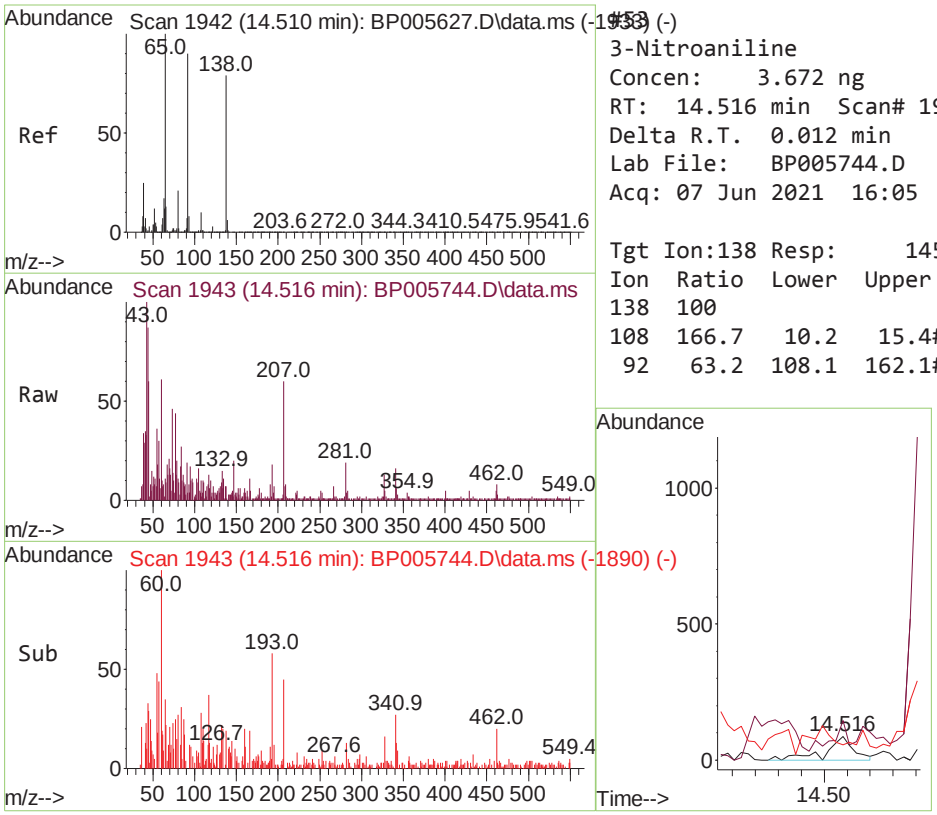
Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)



#51
2,6-Dinitrotoluene
Concen: 5.086 ng
RT: 14.163 min Scan# 1883
Delta R.T. -0.018 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion:165 Resp: 224

Ion	Ratio	Lower	Upper
165	100		
63	142.0	67.4	101.0#
89	61.1	73.8	110.6#

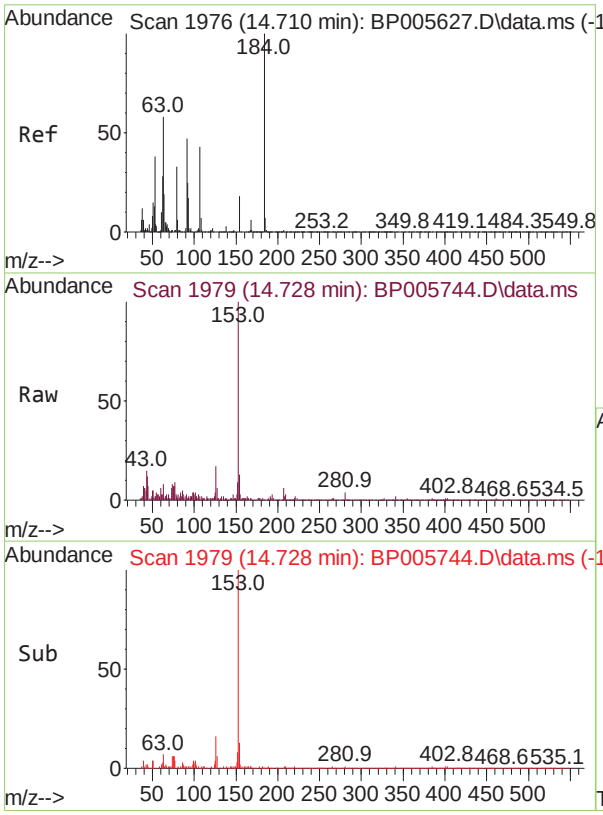


#53
3-Nitroaniline
Concen: 3.672 ng
RT: 14.516 min Scan# 1943
Delta R.T. 0.012 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion:138 Resp: 145

Ion	Ratio	Lower	Upper
138	100		
108	166.7	10.2	15.4#
92	63.2	108.1	162.1#

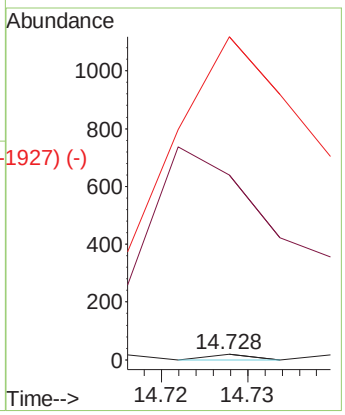
Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

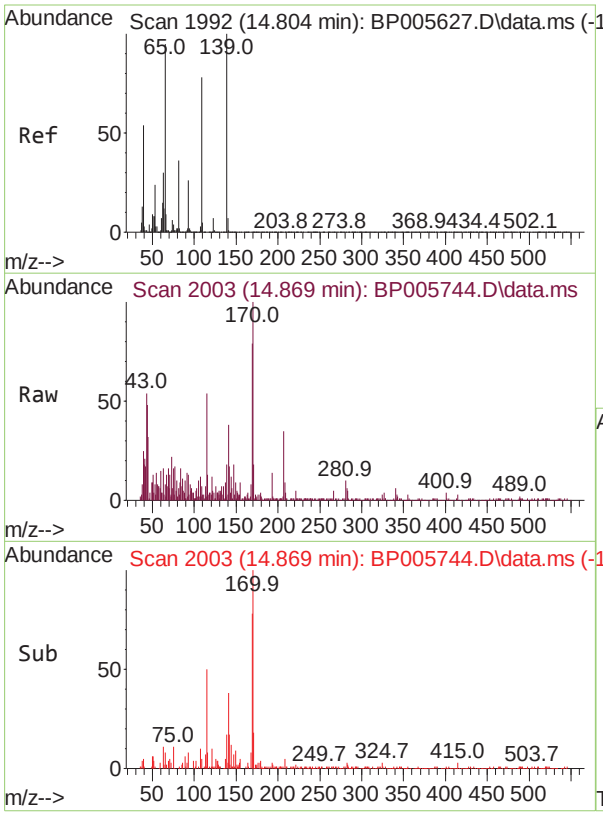


#54
2,4-Dinitrophenol
Concen: 6.529 ng
RT: 14.728 min Scan# 1979
Delta R.T. 0.006 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion:184 Resp: 7

Ion	Ratio	Lower	Upper
184	100		
63	3195.0	51.2	76.8#
154	5590.0	55.8	83.8#

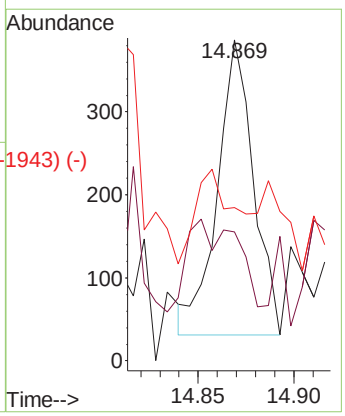




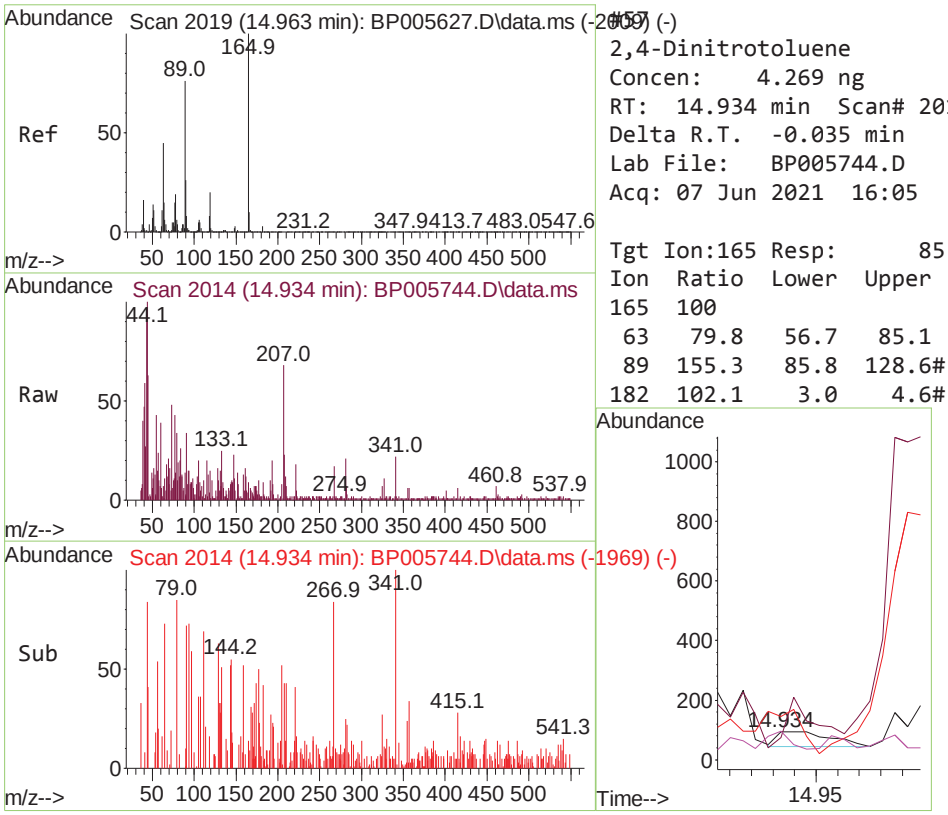
#56
4-Nitrophenol
Concen: 3.817 ng
RT: 14.869 min Scan# 2003
Delta R.T. 0.053 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion:139 Resp: 464

Ion	Ratio	Lower	Upper
139	100		
109	40.1	122.8	162.8#
65	47.8	110.0	150.0#



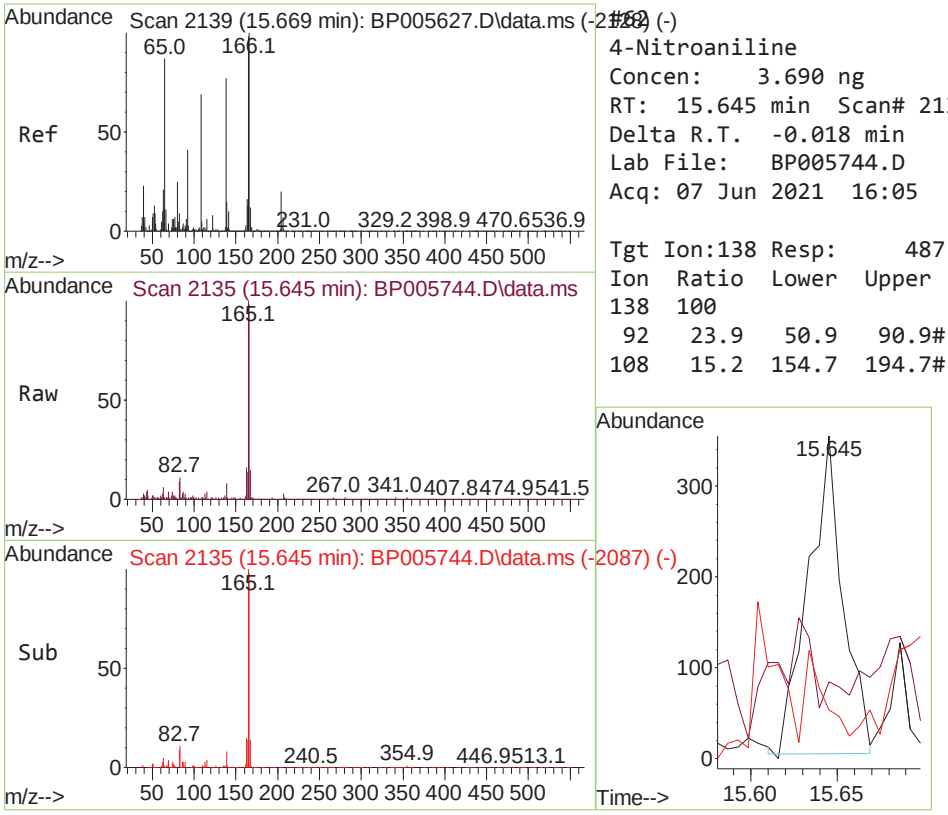
Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)



#57
2,4-Dinitrotoluene
Concen: 4.269 ng
RT: 14.934 min Scan# 2014
Delta R.T. -0.035 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion:165 Resp: 85

Ion	Ratio	Lower	Upper
165	100		
63	79.8	56.7	85.1
89	155.3	85.8	128.6#
182	102.1	3.0	4.6#

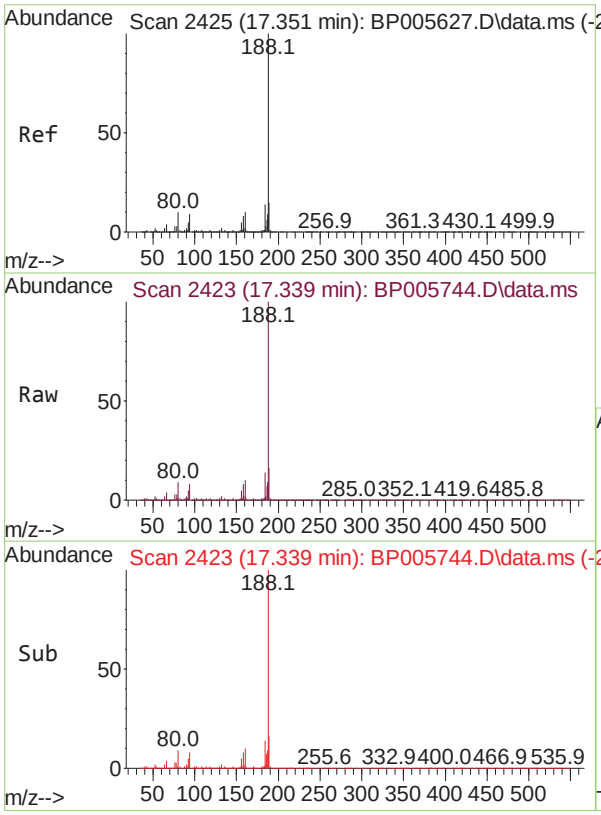


#62
4-Nitroaniline
Concen: 3.690 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.018 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion:138 Resp: 487

Ion	Ratio	Lower	Upper
138	100		
92	23.9	50.9	90.9#
108	15.2	154.7	194.7#

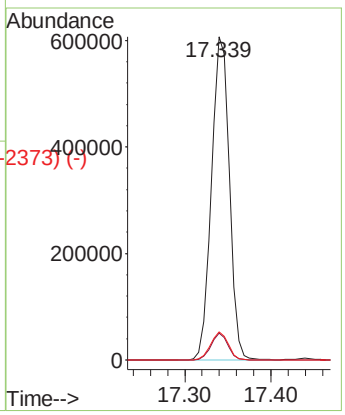
Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

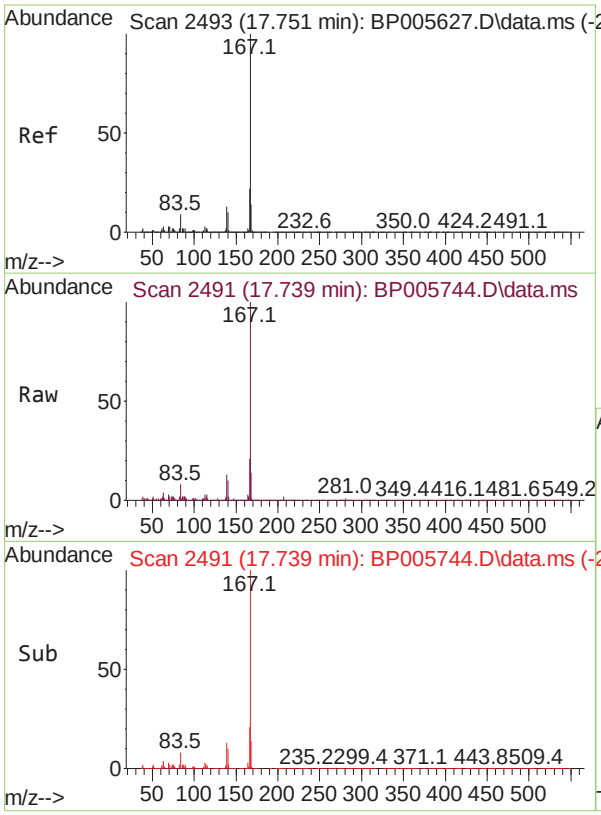


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion:188 Resp: 876360

Ion	Ratio	Lower	Upper
188	100		
94	8.3	5.0	7.6#
80	8.7	5.9	8.9

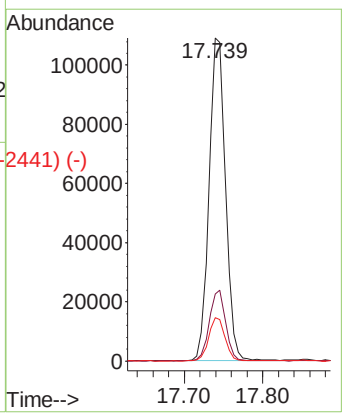




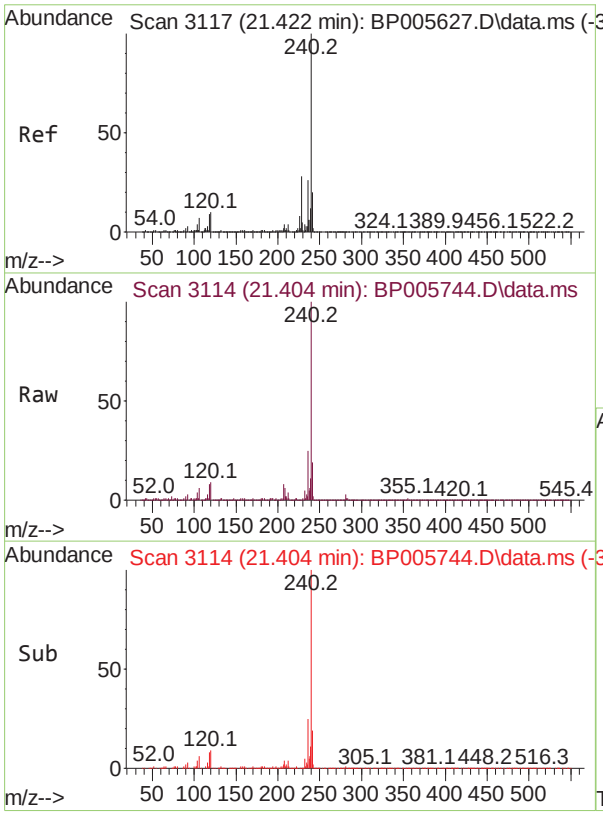
#73
Carbazole
Concen: 3.014 ng
RT: 17.739 min Scan# 2491
Delta R.T. -0.006 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion:167 Resp: 159906

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.4	26.0
139	13.4	10.4	15.6



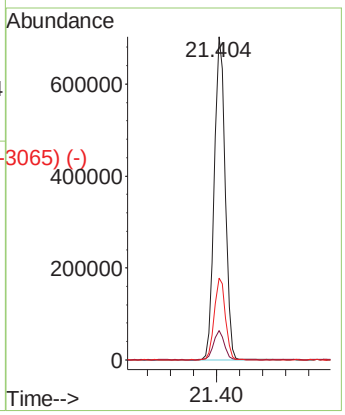
Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

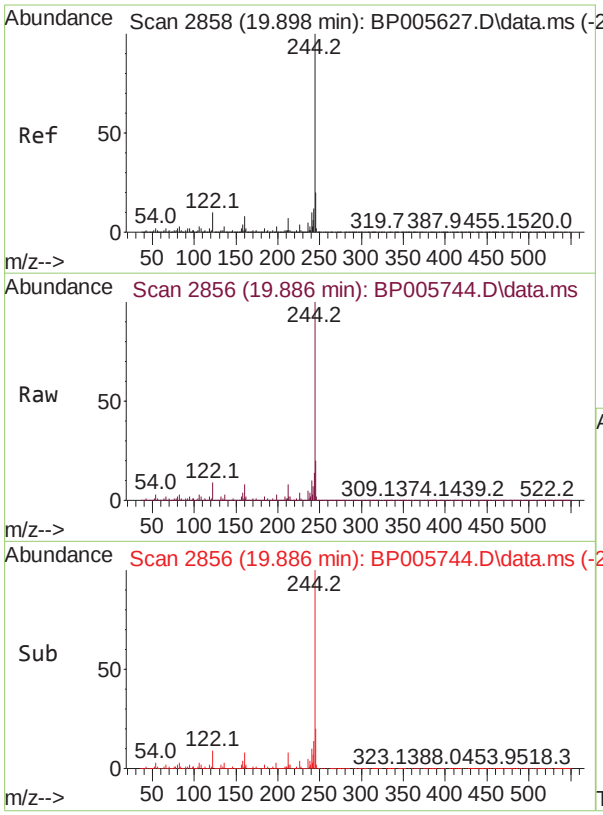


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion:240 Resp: 920004

Ion	Ratio	Lower	Upper
240	100		
120	9.2	4.2	6.2#
236	25.3	20.2	30.2

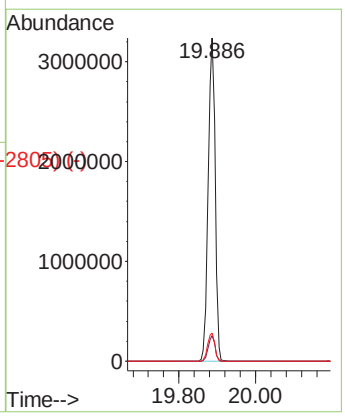




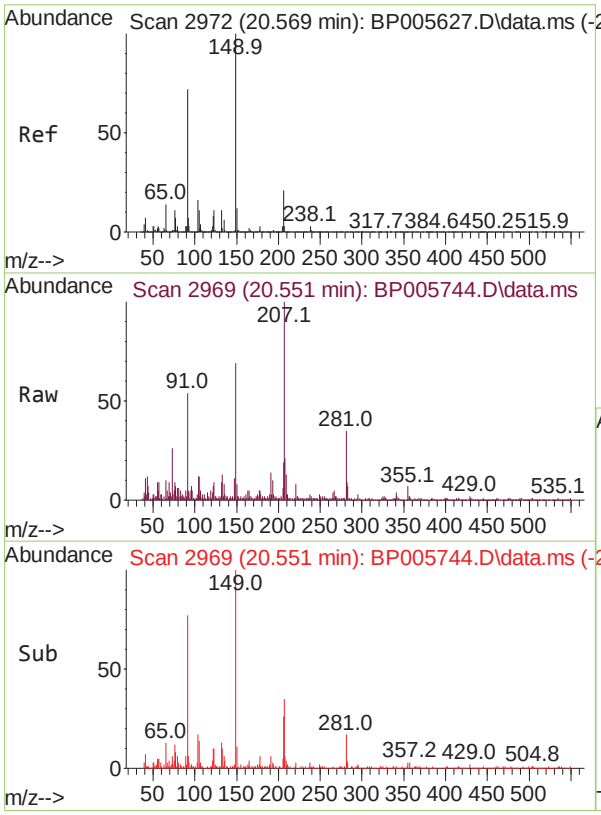
#79
Terphenyl-d14
Concen: 83.924 ng
RT: 19.886 min Scan# 2856
Delta R.T. 0.000 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion:244 Resp: 4114705

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.6
122	8.7	5.2	7.8#



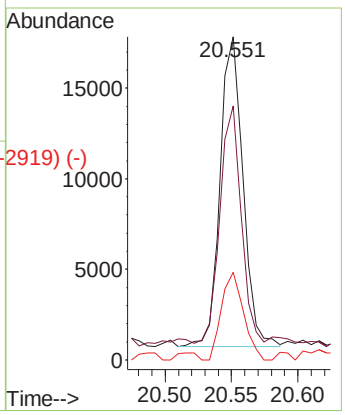
Instrument :
BNA_P
ClientSampleId :
18-B1(4-6)

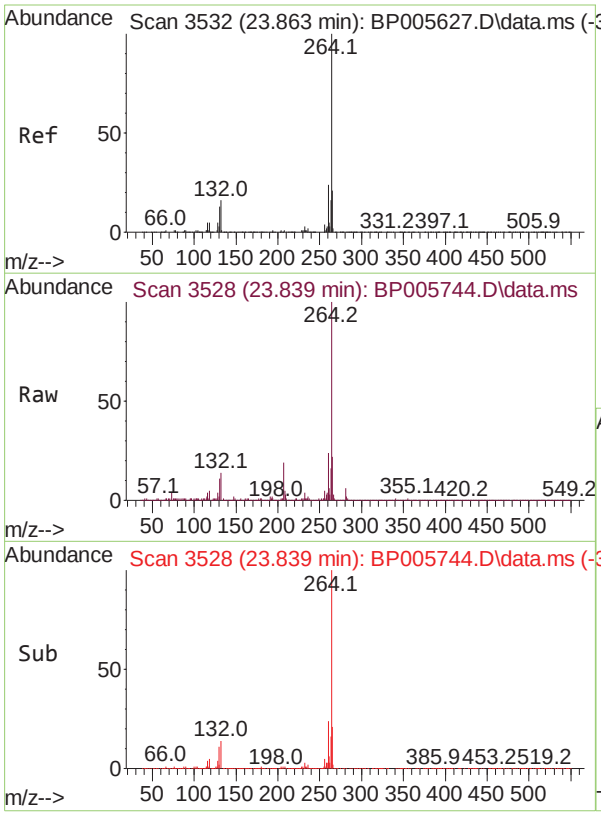


#80
Butylbenzylphthalate
Concen: 4.840 ng
RT: 20.551 min Scan# 2969
Delta R.T. -0.006 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion:149 Resp: 20369

Ion	Ratio	Lower	Upper
149	100		
91	78.6	60.2	90.4
206	27.2	23.9	35.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.839 min Scan# 3528
Delta R.T. -0.012 min
Lab File: BP005744.D
Acq: 07 Jun 2021 16:05

Tgt Ion:264 Resp: 979167

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.6	30.8
265	22.0	19.0	28.6