Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070220\
Data File : BP002636.D
Acq On : 02 Jul 2020 18:13
Operator : CG/JU
Sample : L3172-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP6-SS

Quant Time: Jul 02 19:20:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	236543	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	936095	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	595210	20.00	ng		0.00
64) Phenanthrene-d10	16.97	188	1327799	20.00	ng		0.00
76) Chrysene-d12	21.09	240	1380871	20.00	ng		0.00
86) Perylene-d12	23.28	264	1309638	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1831336	131.08	ng		0.00
7) Phenol-d6	6.76	99	2441233	125.19	ng		0.00
23) Nitrobenzene-d5	8.72	82	1674045	92.14	ng		0.00
42) 2,4,6-Tribromophenol	15.72	330	899482	124.25	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	3423595	84.66	ng		0.00
79) Terphenyl-d14	19.57	244	4721798	73.81	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.72	122	38	8.702	ng	#	1
41) Hexachlorocyclopentadiene	12.35	237	79	4.389	ng		87
50) Dimethylphthalate	13.68	163	412048	8.814	ng		99
54) 2,4-Dinitrophenol	14.34	184	22	6.012	ng	#	1
56) 4-Nitrophenol	14.47	139	46	2.441	ng	#	1
65) 4,6-Dinitro-2-methylphenol	15.38	198	34	2.713	ng	#	1
70) Pentachlorophenol	16.65	266	62	2.668	ng	#	66
77) Benzidine	19.19	184	14	3.756	ng	#	1

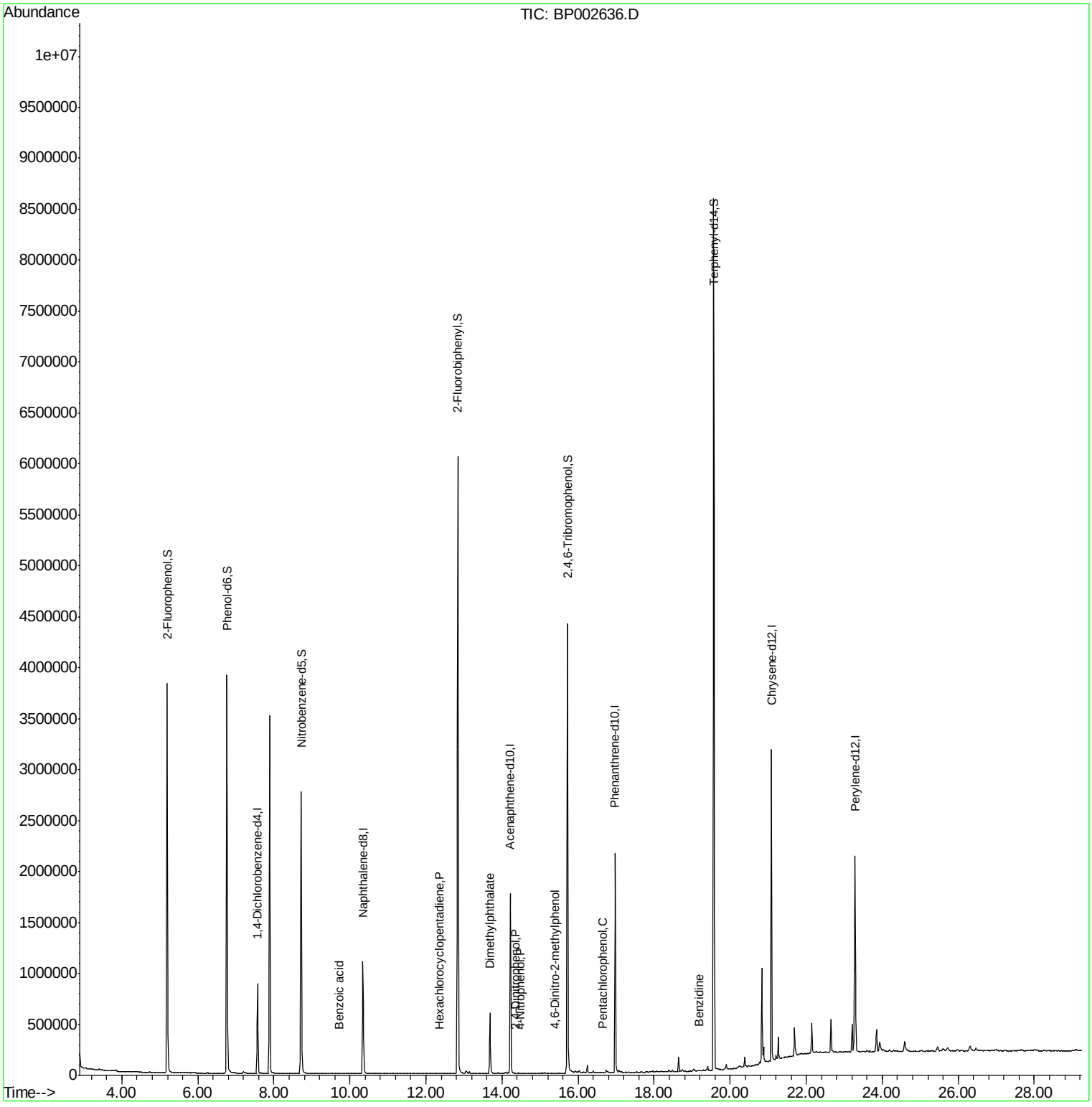
(#) = qualifier out of range (m) = manual integration (+) = signals summed

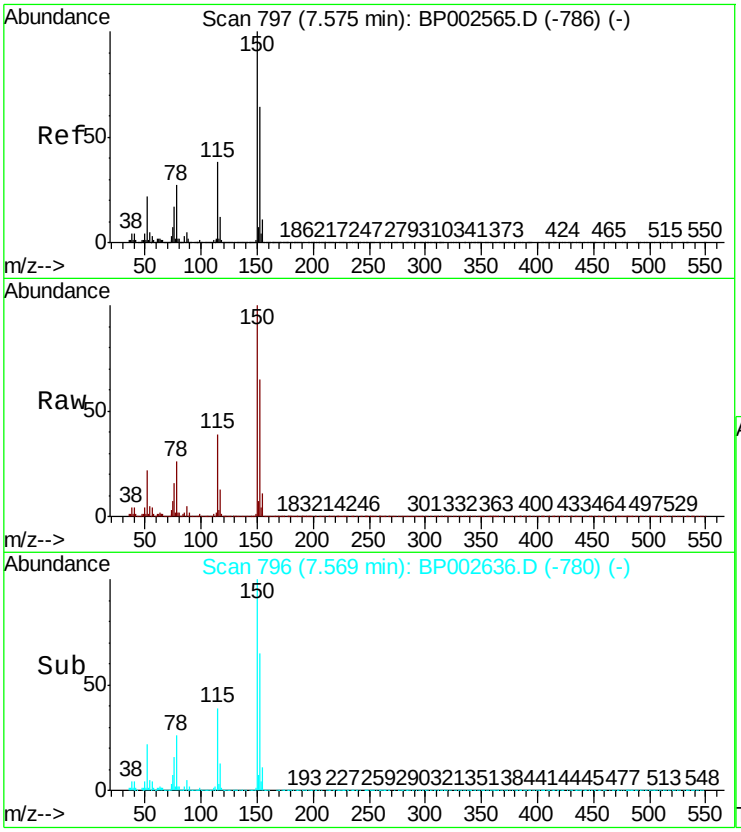
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070220\
Data File : BP002636.D
Acq On : 02 Jul 2020 18:13
Operator : CG/JU
Sample : L3172-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP6-SS

Quant Time: Jul 02 19:20:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration



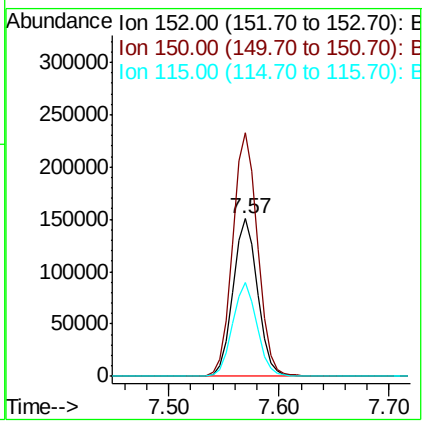


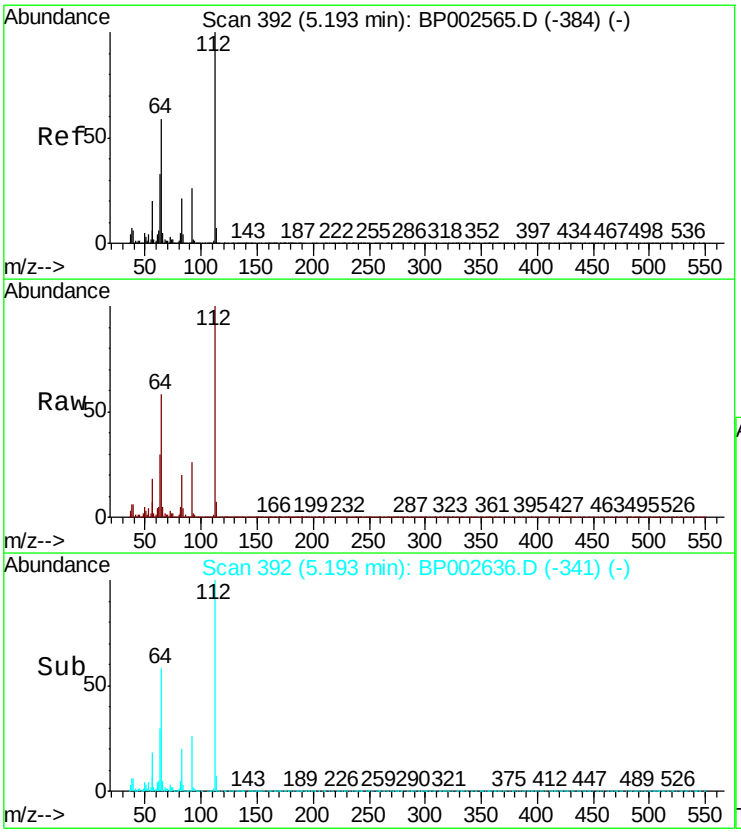
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002636.D
Acq: 02 Jul 2020 18:13

Instrument :
BNA_P
ClientSampleId :
TP6-SS

Tgt Ion:152 Resp: 236543

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.2	186.2
115	59.8	47.1	70.7

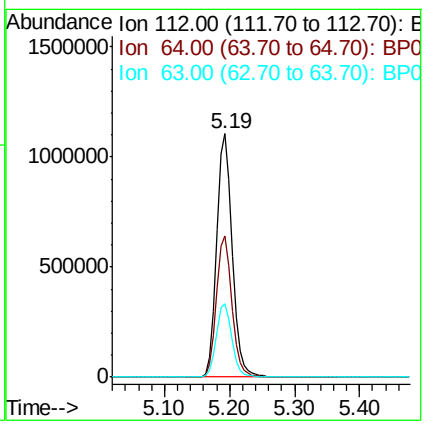


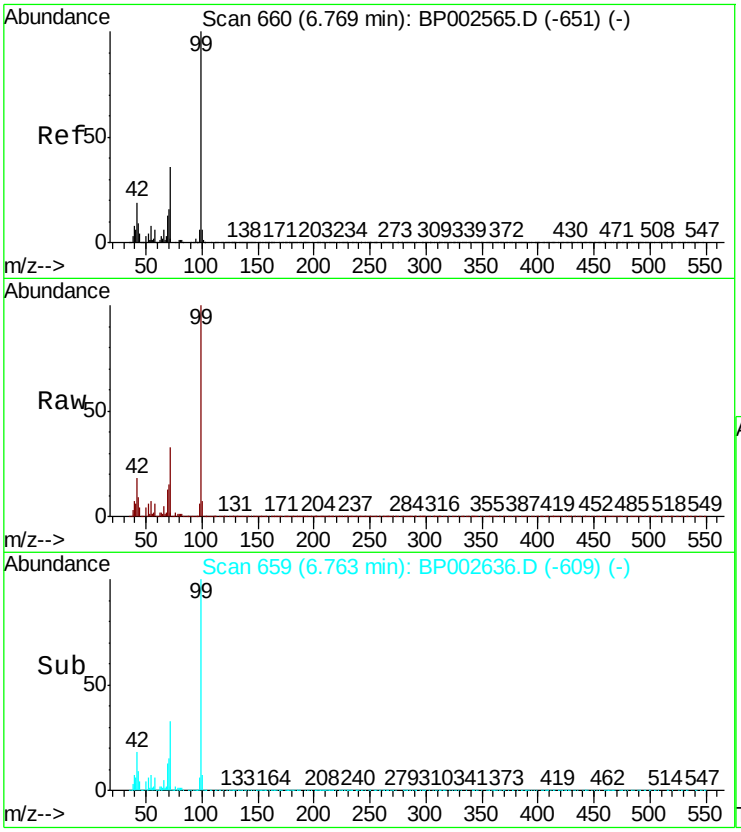


#5
2-Fluorophenol
Concen: 131.082 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002636.D
Acq: 02 Jul 2020 18:13

Tgt Ion:112 Resp: 1831336

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.0	70.6
63	30.1	26.1	39.1



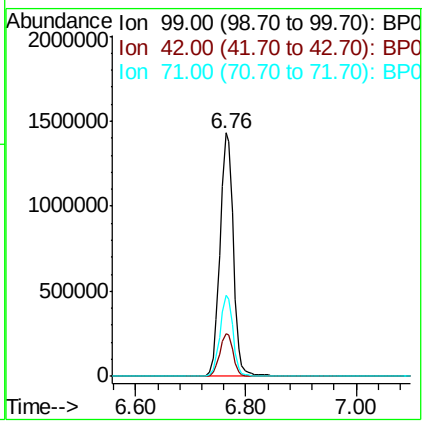


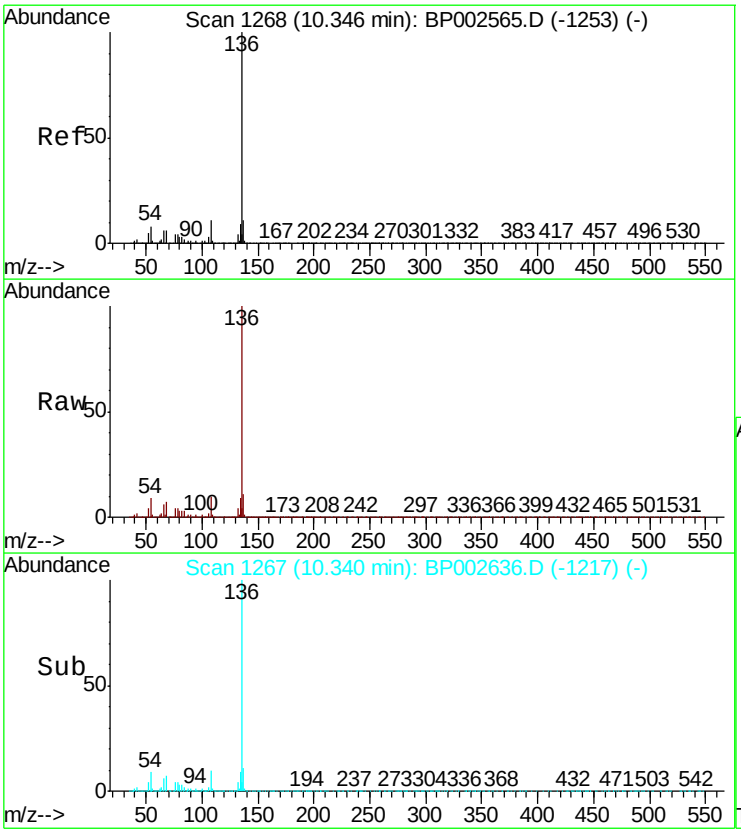
#7
Phenol-d6
Concen: 125.193 ng
RT: 6.76 min Scan# 659
Delta R.T. -0.01 min
Lab File: BP002636.D
Acq: 02 Jul 2020 18:13

Instrument :
BNA_P
ClientSampleId :
TP6-SS

Tgt Ion: 99 Resp: 2441233

Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.5	23.3
71	33.2	28.9	43.3

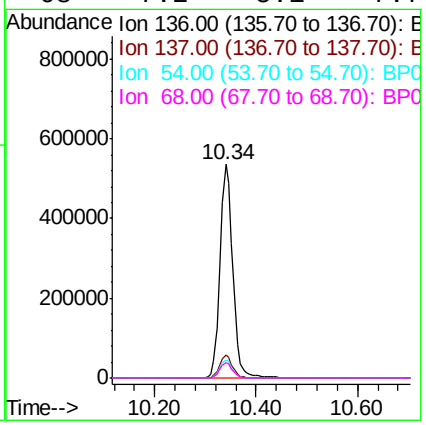


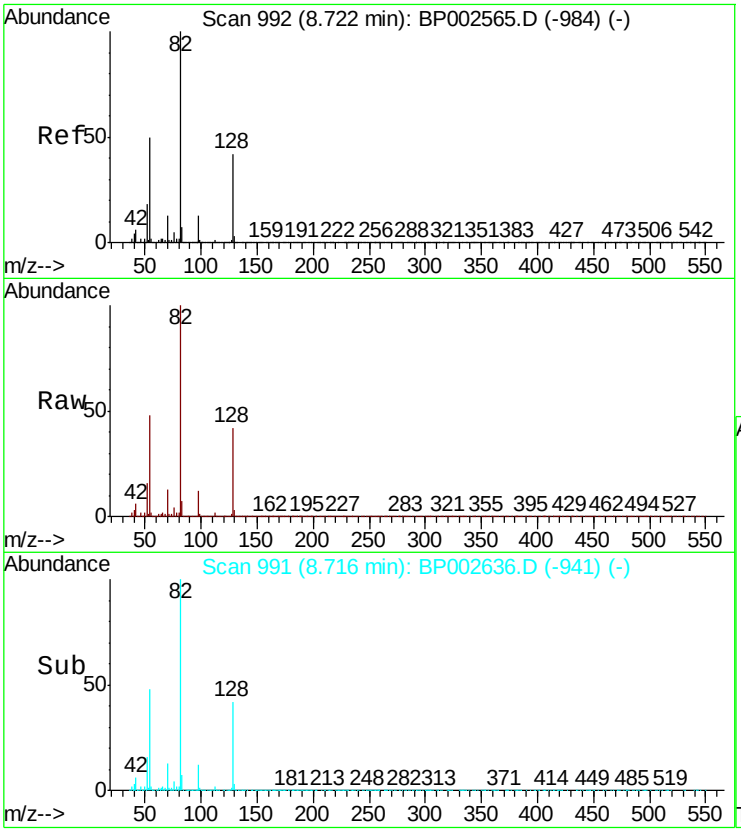


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002636.D
Acq: 02 Jul 2020 18:13

Tgt Ion:136 Resp: 936095

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.6	6.4	9.6
68	7.2	5.1	7.7



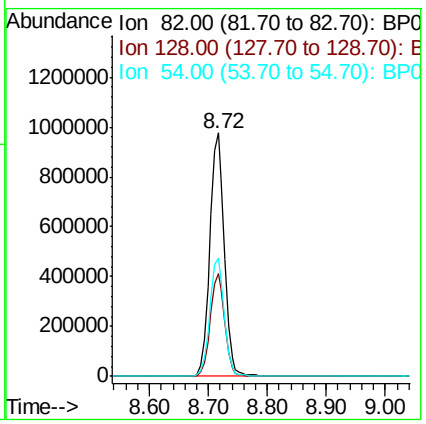


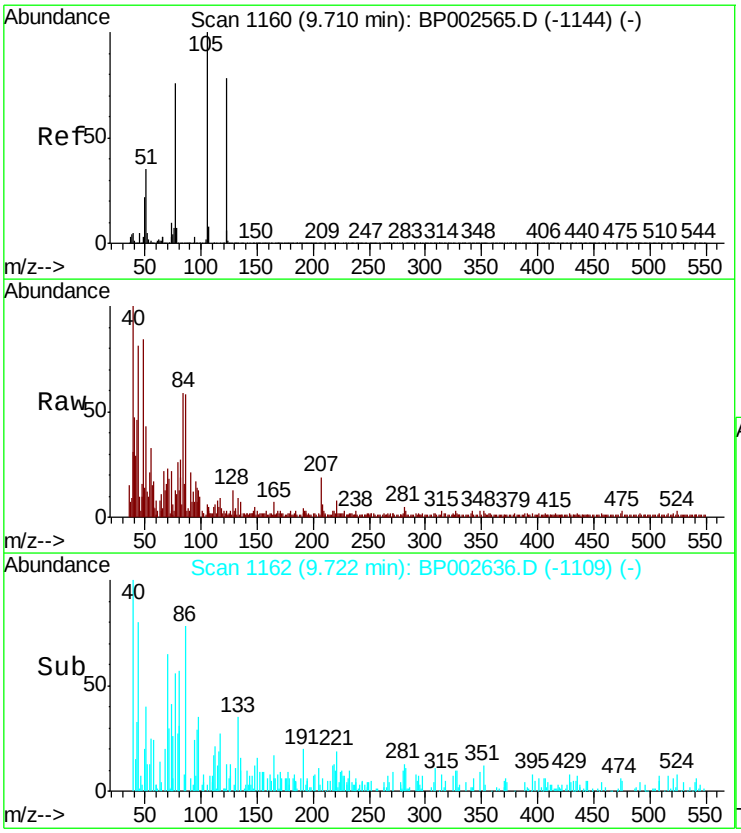
#23
Nitrobenzene-d5
Concen: 92.144 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002636.D
Acq: 02 Jul 2020 18:13

Instrument :
BNA_P
ClientSampleId :
TP6-SS

Tgt Ion: 82 Resp: 1674045

Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.4	50.2
54	48.4	40.1	60.1

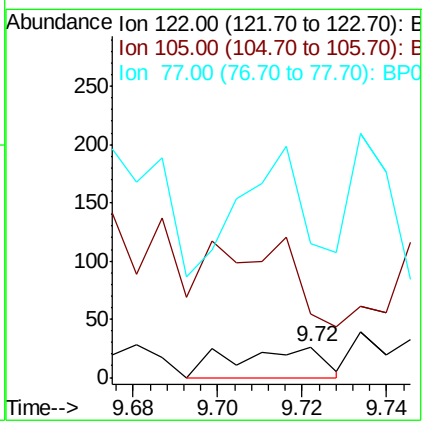


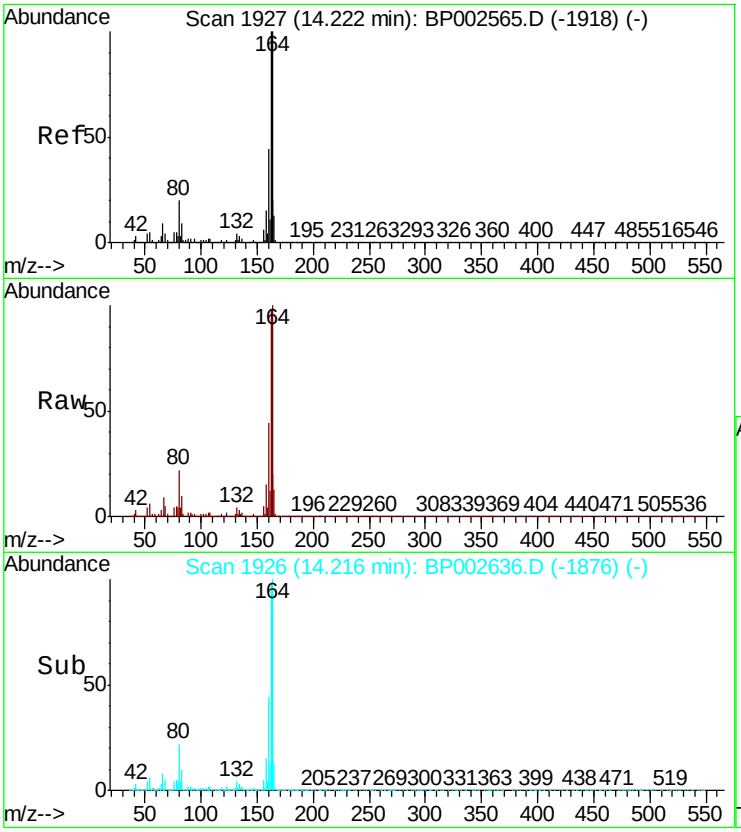


#32
Benzoic acid
Concen: 8.702 ng
RT: 9.72 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BP002636.D
Acq: 02 Jul 2020 18:13

Tgt Ion:122 Resp: 38

Ion	Ratio	Lower	Upper
122	100		
105	207.7	106.6	146.6#
77	442.3	76.5	116.5#



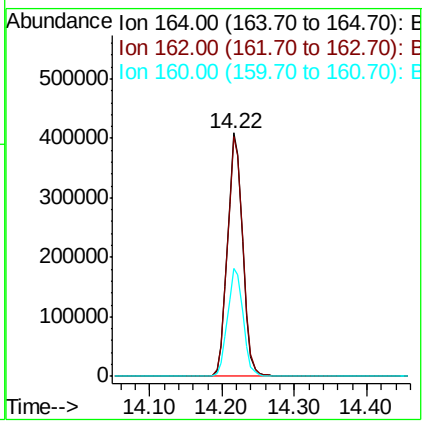


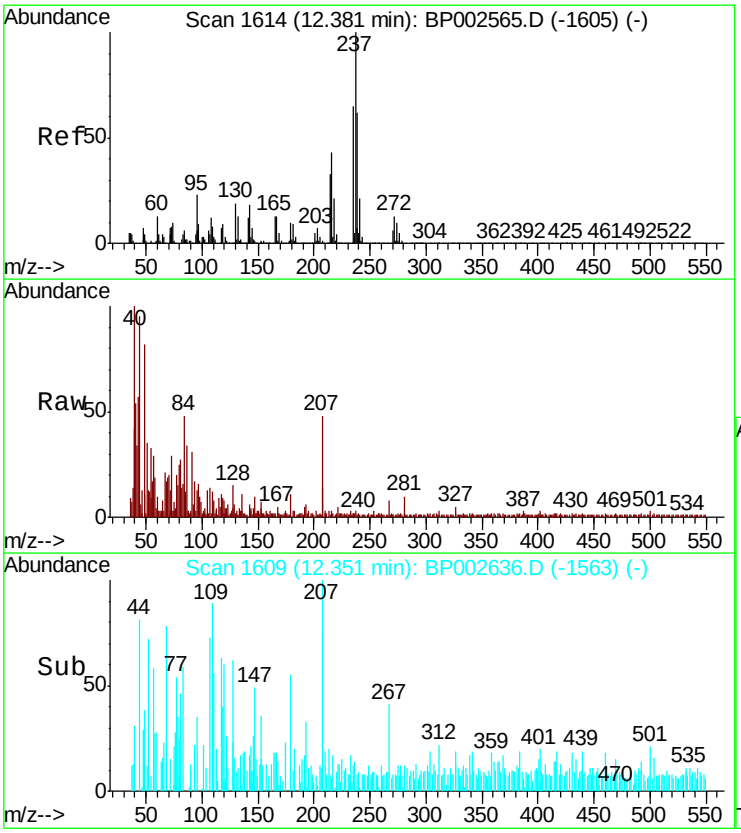
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002636.D
Acq: 02 Jul 2020 18:13

Instrument :
BNA_P
ClientSampleId :
TP6-SS

Tgt Ion:164 Resp: 595210

Ion	Ratio	Lower	Upper
164	100		
162	98.4	80.3	120.5
160	44.3	35.0	52.6

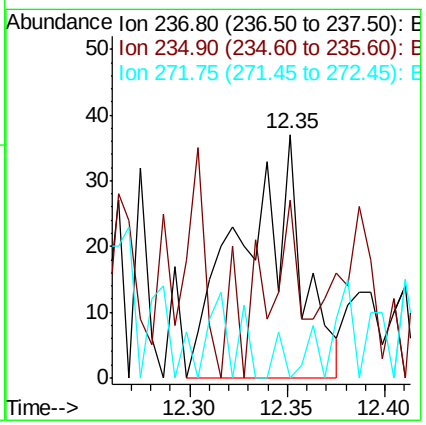


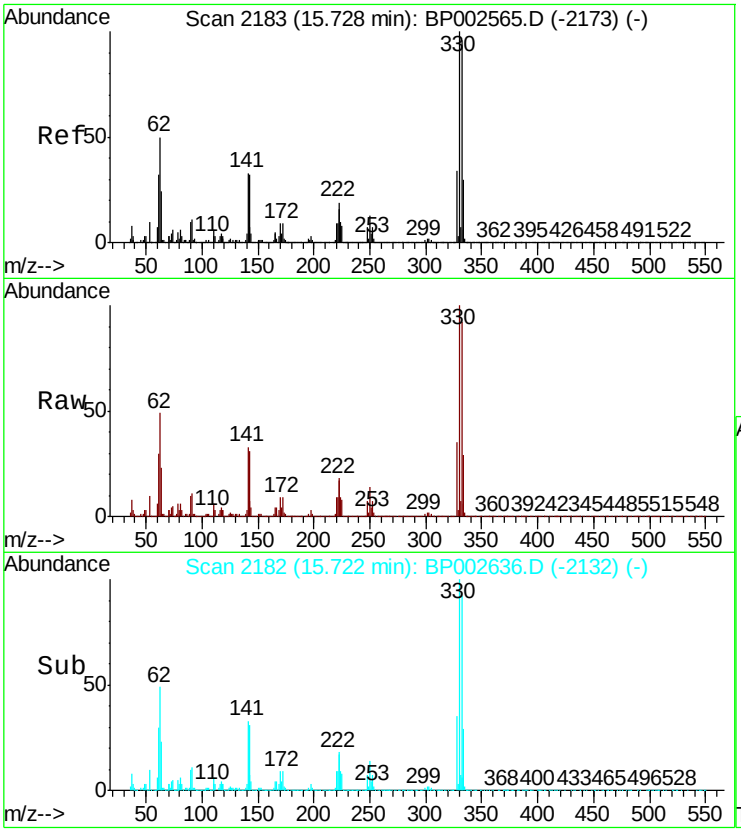


#41
Hexachlorocyclopentadiene
Concen: 4.389 ng
RT: 12.35 min Scan# 1609
Delta R.T. -0.03 min
Lab File: BP002636.D
Acq: 02 Jul 2020 18:13

Tgt Ion:237 Resp: 79

Ion	Ratio	Lower	Upper
237	100		
235	73.0	45.4	85.4
272	0.0	0.0	32.6



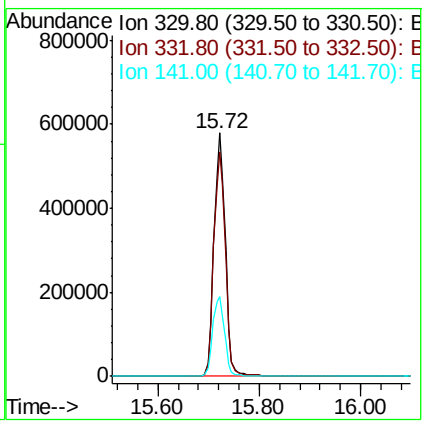


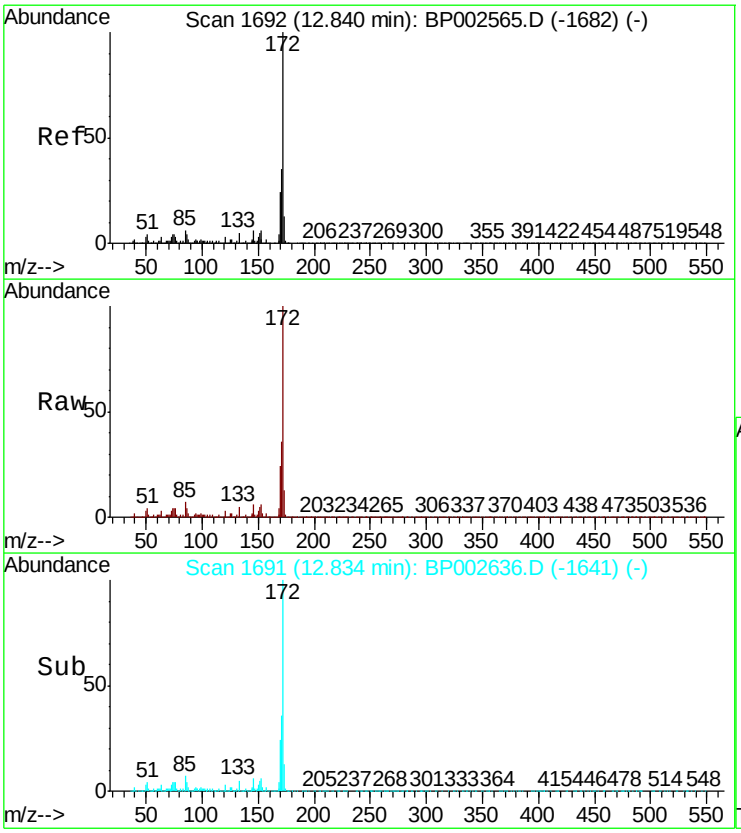
#42
2,4,6-Tribromophenol
Concen: 124.248 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002636.D
Acq: 02 Jul 2020 18:13

Instrument :
BNA_P
ClientSampleId :
TP6-SS

Tgt Ion:330 Resp: 899482

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.7	116.5
141	34.5	29.0	43.6

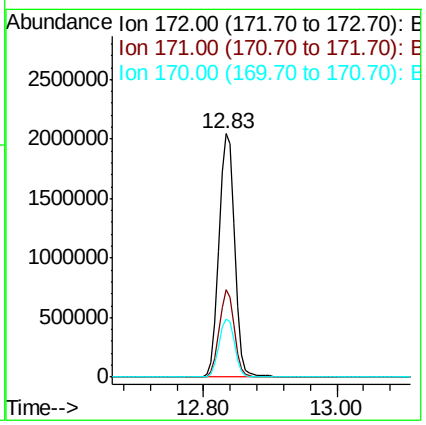


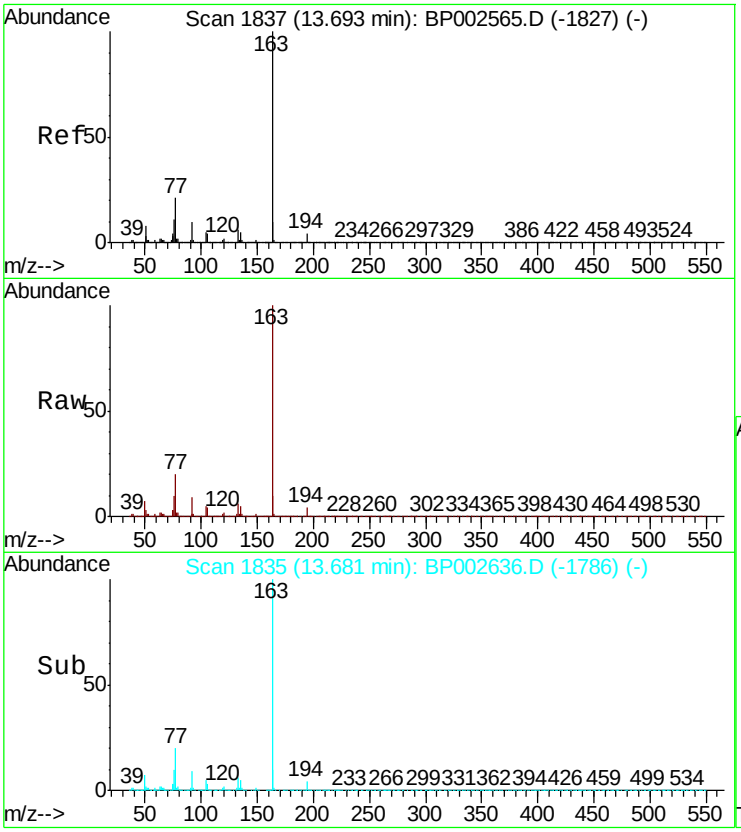


#45
2-Fluorobiphenyl
Concen: 84.659 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002636.D
Acq: 02 Jul 2020 18:13

Tgt Ion:172 Resp: 3423595

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.0	42.0
170	23.6	19.0	28.4



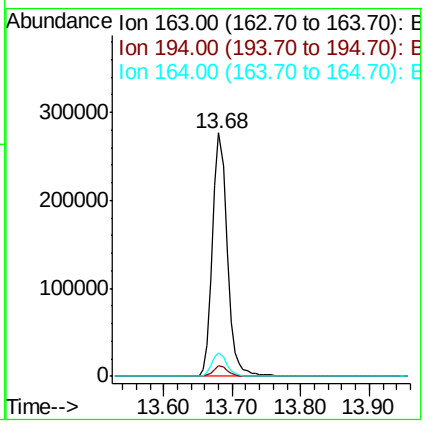


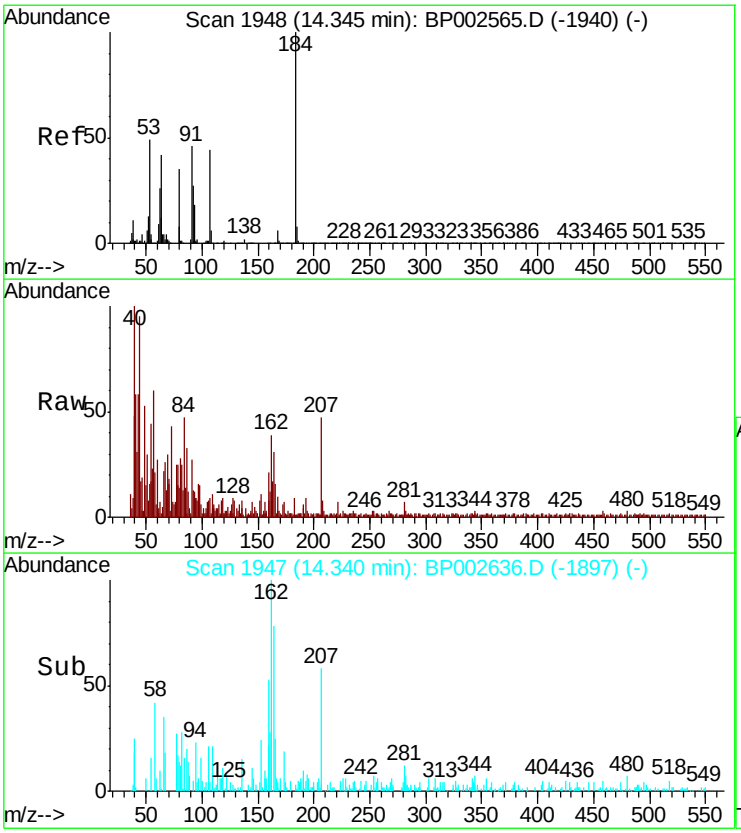
#50
Dimethylphthalate
Concen: 8.814 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP002636.D
Acq: 02 Jul 2020 18:13

Instrument :
BNA_P
ClientSampleId :
TP6-SS

Tgt Ion:163 Resp: 412048

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.8	8.2	12.4

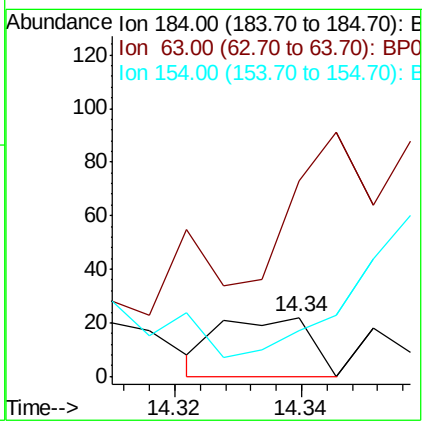


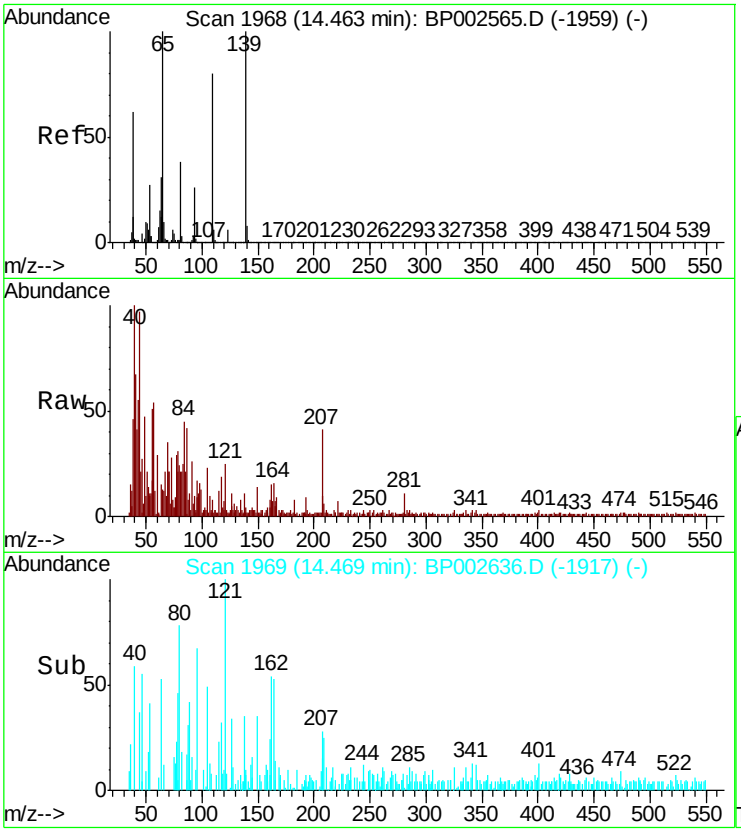


#54
2,4-Dinitrophenol
Concen: 6.012 ng
RT: 14.34 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BP002636.D
Acq: 02 Jul 2020 18:13

Tgt Ion:184 Resp: 22

Ion	Ratio	Lower	Upper
184	100		
63	331.8	56.2	84.2#
154	77.3	50.9	76.3#



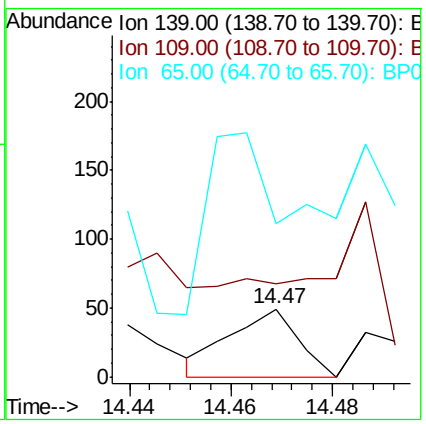


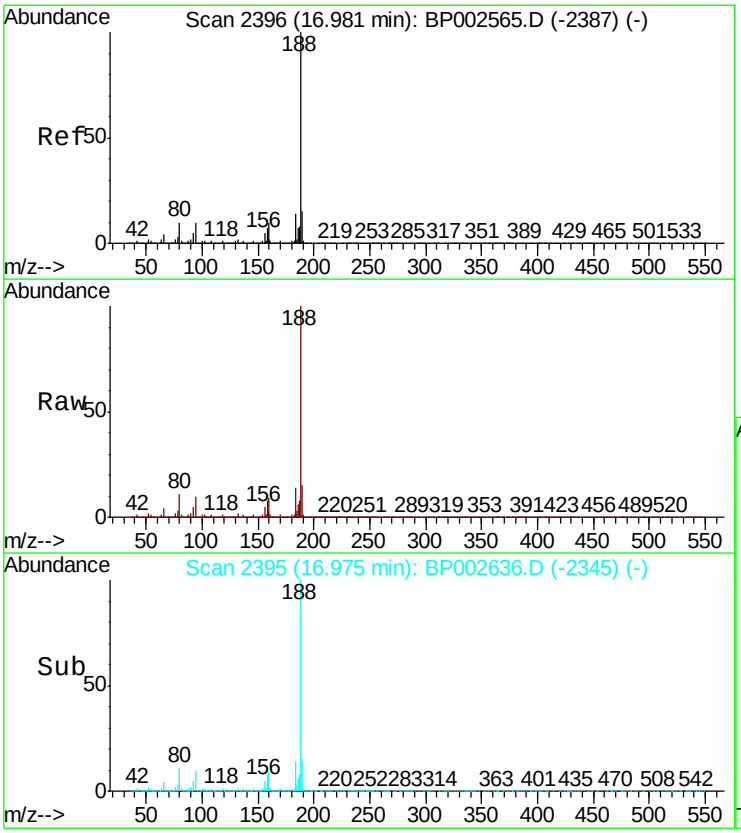
#56
4-Nitrophenol
Concen: 2.441 ng
RT: 14.47 min Scan# 1969
Delta R.T. 0.01 min
Lab File: BP002636.D
Acq: 02 Jul 2020 18:13

Instrument :
BNA_P
ClientSampleId :
TP6-SS

Tgt Ion:139 Resp: 46

Ion	Ratio	Lower	Upper
139	100		
109	138.8	60.1	100.1#
65	226.5	80.3	120.3#

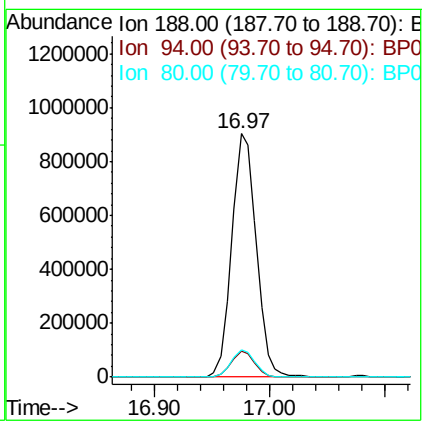


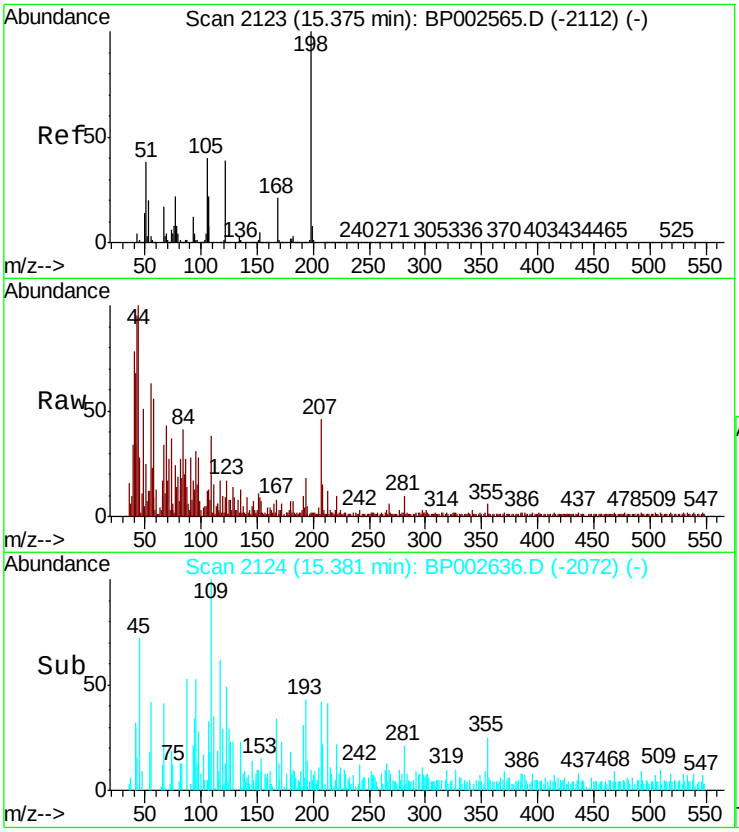


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BP002636.D
Acq: 02 Jul 2020 18:13

Tgt Ion:188 Resp: 1327799

Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.8	11.6
80	11.1	8.2	12.4



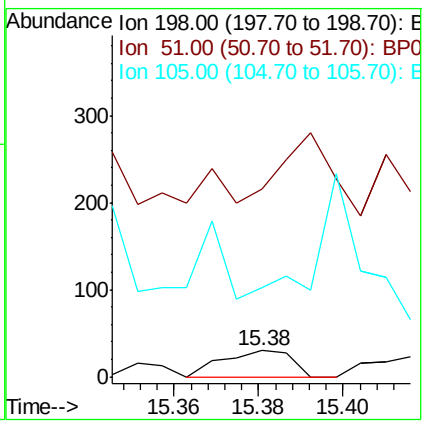


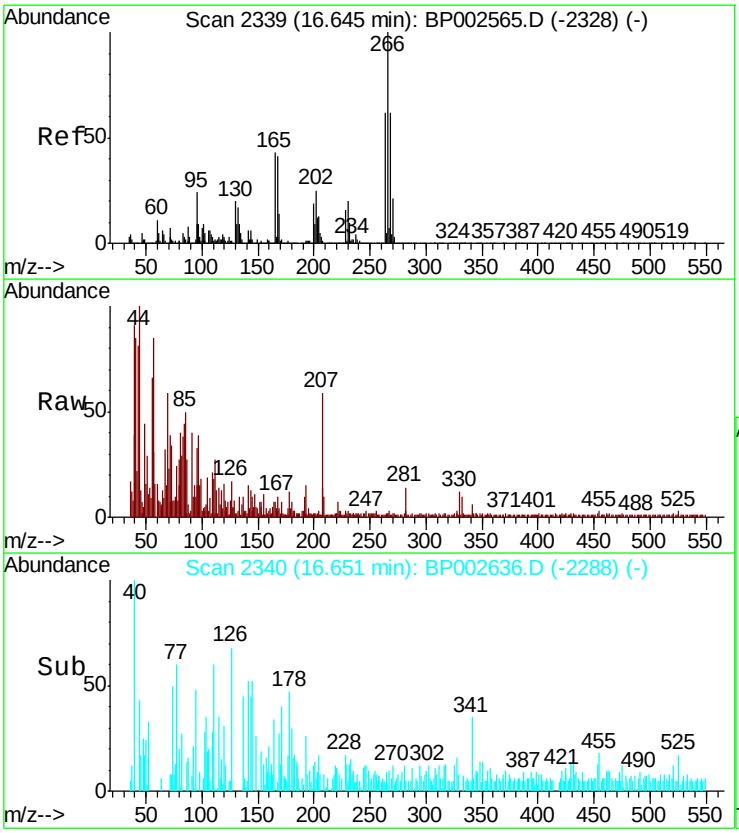
#65
4,6-Dinitro-2-methylphenol
Concen: 2.713 ng
RT: 15.38 min Scan# 2124
Delta R.T. 0.01 min
Lab File: BP002636.D
Acq: 02 Jul 2020 18:13

Instrument :
BNA_P
ClientSampleId :
TP6-SS

Tgt Ion:198 Resp: 34

Ion	Ratio	Lower	Upper
198	100		
51	720.0	24.2	64.2#
105	340.0	20.7	60.7#

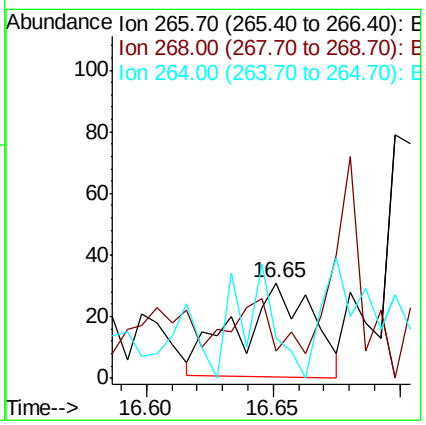


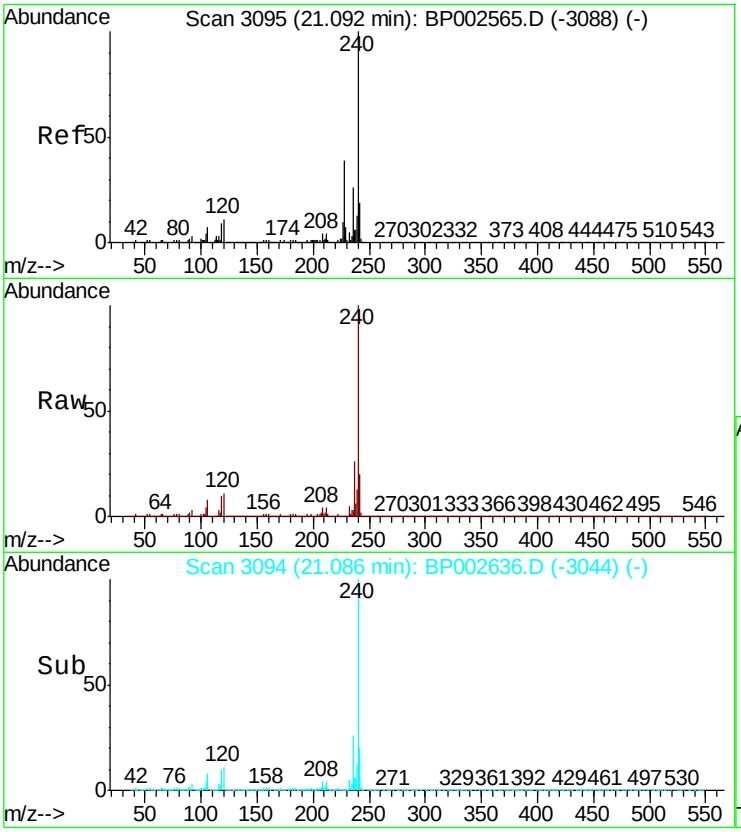


#70
Pentachlorophenol
Concen: 2.668 ng
RT: 16.65 min Scan# 2340
Delta R.T. 0.01 min
Lab File: BP002636.D
Acq: 02 Jul 2020 18:13

Tgt Ion:266 Resp: 62

Ion	Ratio	Lower	Upper
266	100		
268	29.0	49.7	74.5#
264	41.9	49.3	73.9#



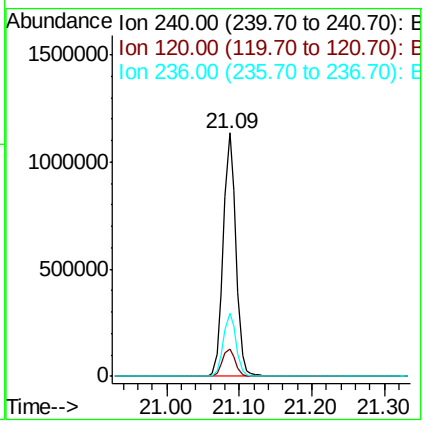


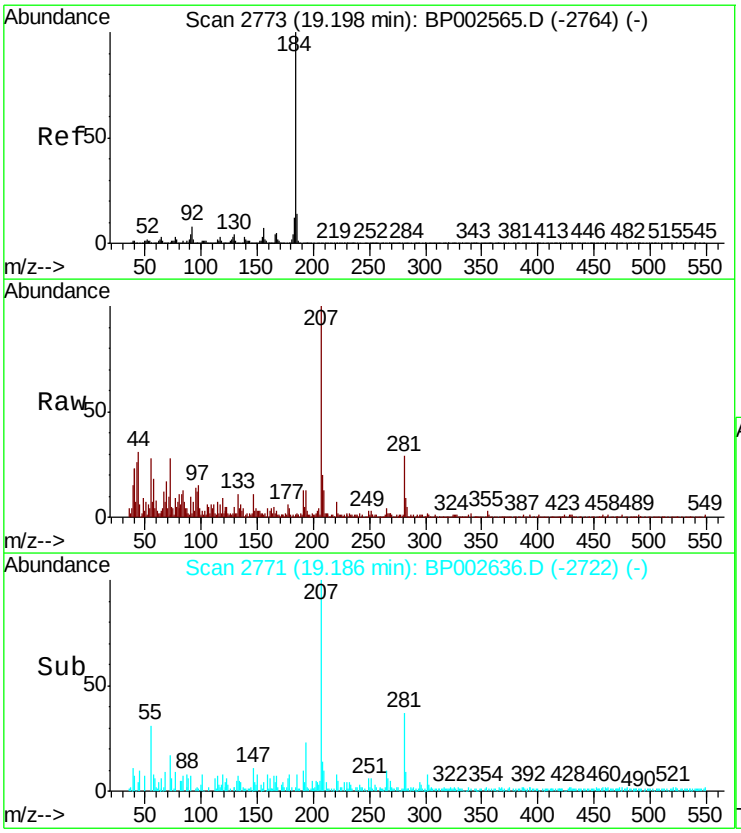
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002636.D
Acq: 02 Jul 2020 18:13

Instrument :
BNA_P
ClientSampleId :
TP6-SS

Tgt Ion:240 Resp: 1380871

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.6	13.0
236	26.1	20.8	31.2

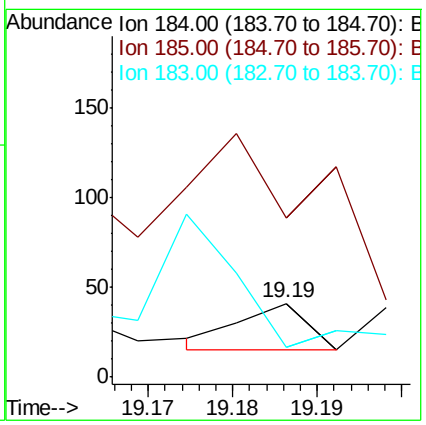


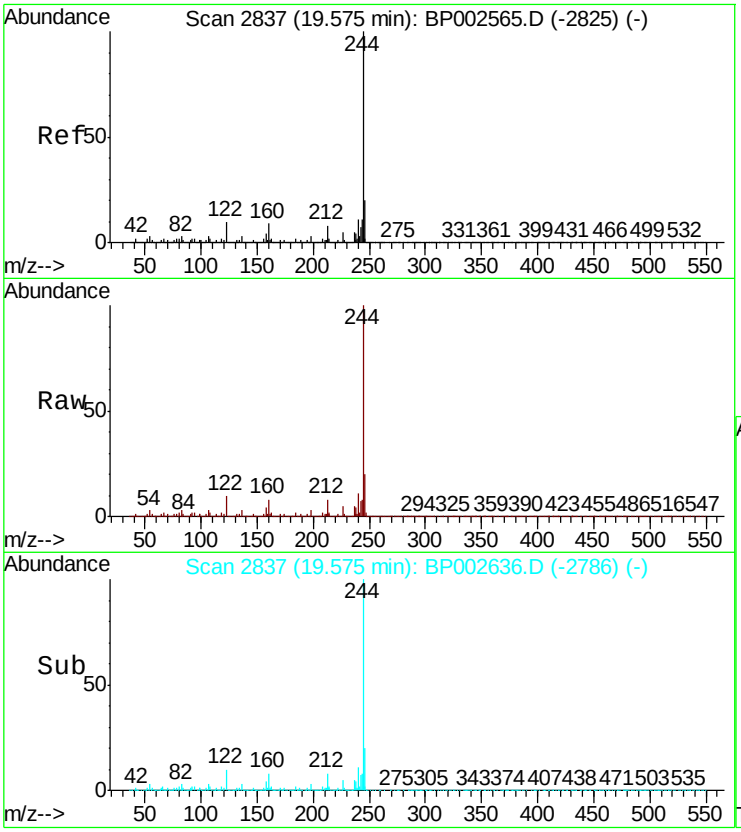


#77
Benzidine
Concen: 3.756 ng
RT: 19.19 min Scan# 2771
Delta R.T. -0.01 min
Lab File: BP002636.D
Acq: 02 Jul 2020 18:13

Tgt Ion:184 Resp: 14

Ion	Ratio	Lower	Upper
184	100		
185	217.1	11.4	17.2#
183	41.5	9.2	13.8#



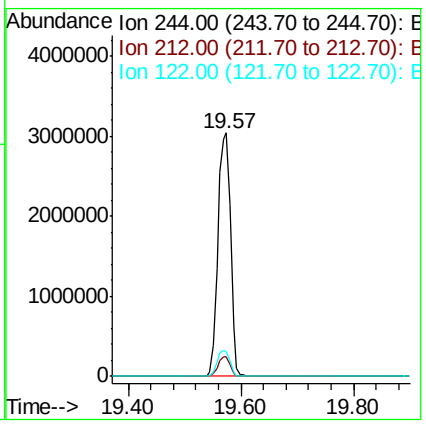


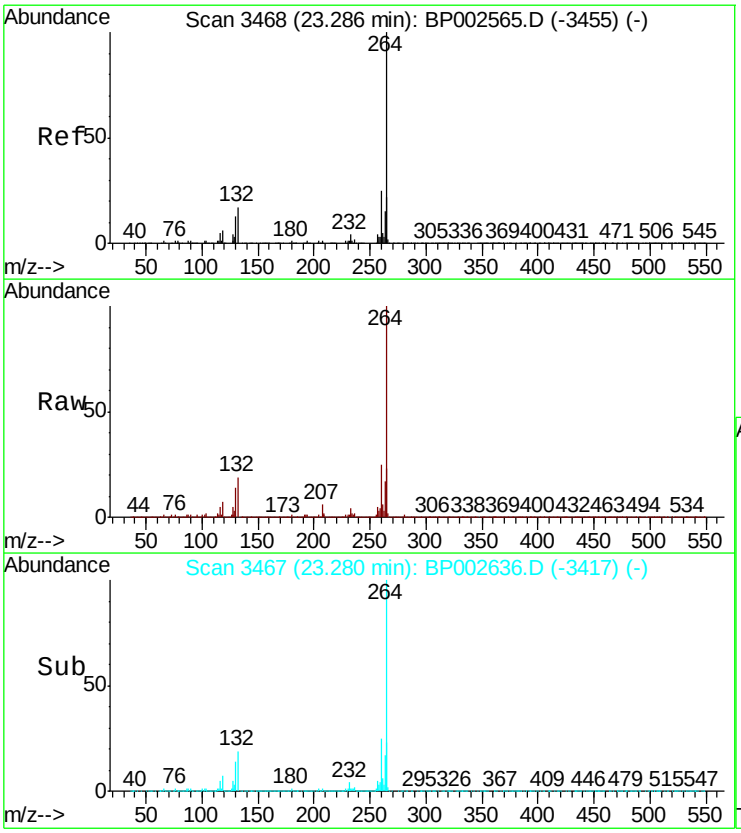
#79
Terphenyl-d14
Concen: 73.808 ng
RT: 19.57 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BP002636.D
Acq: 02 Jul 2020 18:13

Instrument :
BNA_P
ClientSampleId :
TP6-SS

Tgt Ion:244 Resp: 4721798

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	10.0	7.9	11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.28 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BP002636.D
Acq: 02 Jul 2020 18:13

Tgt Ion:264 Resp: 1309638

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	22.9	17.6	26.4