Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002702.D
Acq On : 09 Jul 2020 17:57
Operator : CG/JU
Sample : PB130037TB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB130037TB

Quant Time: Jul 09 18:32:15 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	57527	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	266027	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	193607	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	500929	20.00	ng	0.00
76) Chrysene-d12	21.09	240	729491	20.00	ng	0.00
86) Perylene-d12	23.28	264	885817	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	438631	129.10	ng	0.00
7) Phenol-d6	6.77	99	620852	130.92	ng	0.00
23) Nitrobenzene-d5	8.71	82	439770	85.18	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	304755	129.42	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	1122380	85.33	ng	0.00
79) Terphenyl-d14	19.56	244	2803582	82.95	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.71	77	85	Below Cal	#	65
32) Benzoic acid	9.70	122	46	8.712	ng	# 1
41) Hexachlorocyclopentadiene	12.50	237	11	4.385	ng	93
54) 2,4-Dinitrophenol	14.33	184	17	6.017	ng	# 42
56) 4-Nitrophenol	14.72	139	13	2.440	ng	84
65) 4,6-Dinitro-2-methylphenol	15.38	198	21	2.716	ng	# 1
70) Pentachlorophenol	16.66	266	13	2.665	ng	# 50
77) Benzidine	19.19	184	86	3.759	ng	# 55

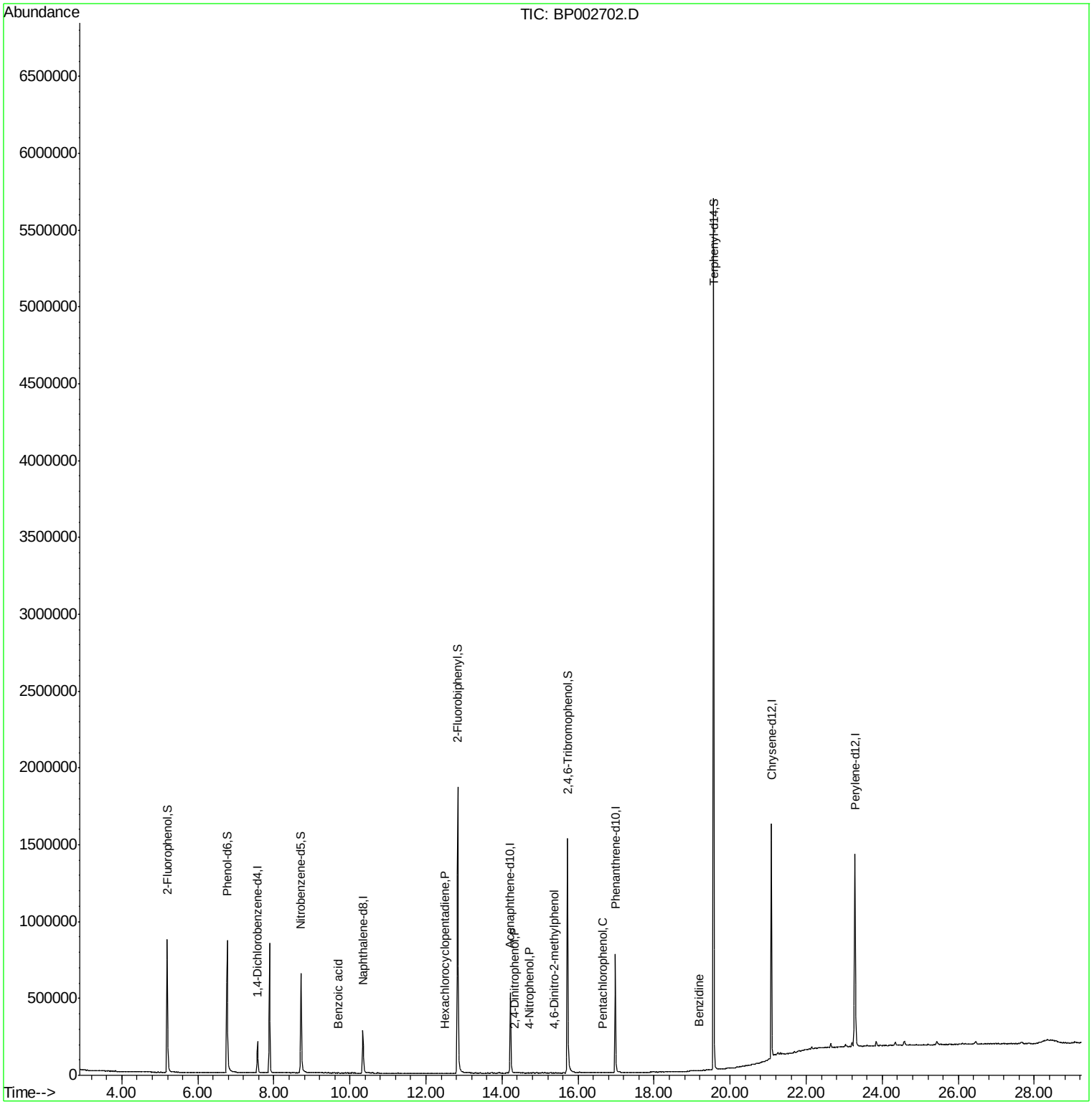
(#) = qualifier out of range (m) = manual integration (+) = signals summed

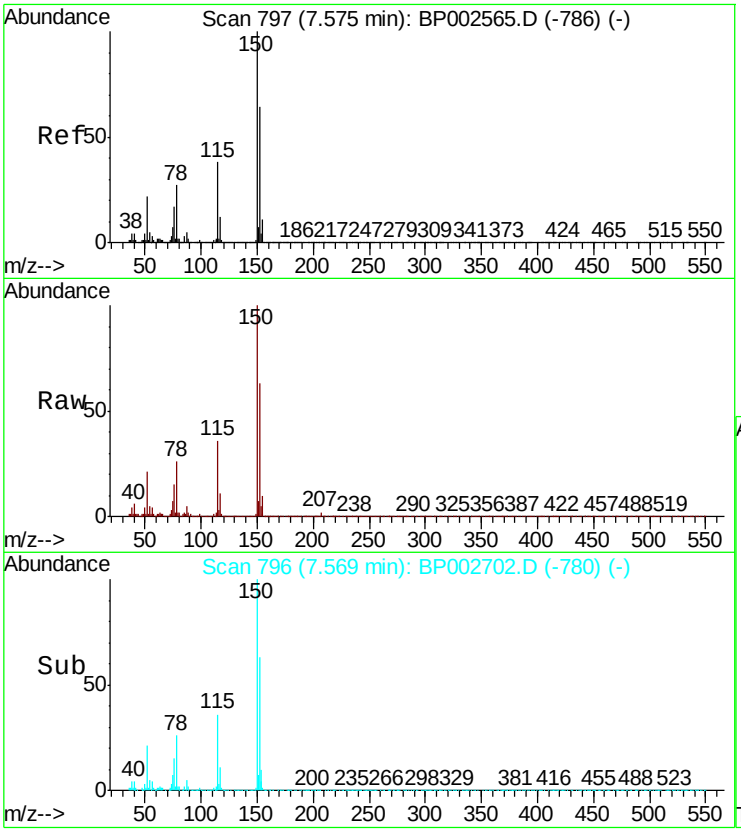
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002702.D
Acq On : 09 Jul 2020 17:57
Operator : CG/JU
Sample : PB130037TB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB130037TB

Quant Time: Jul 09 18:32:15 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



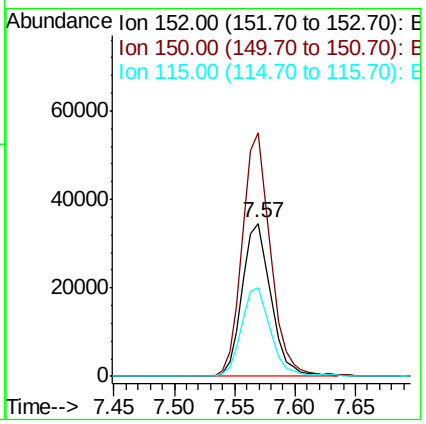


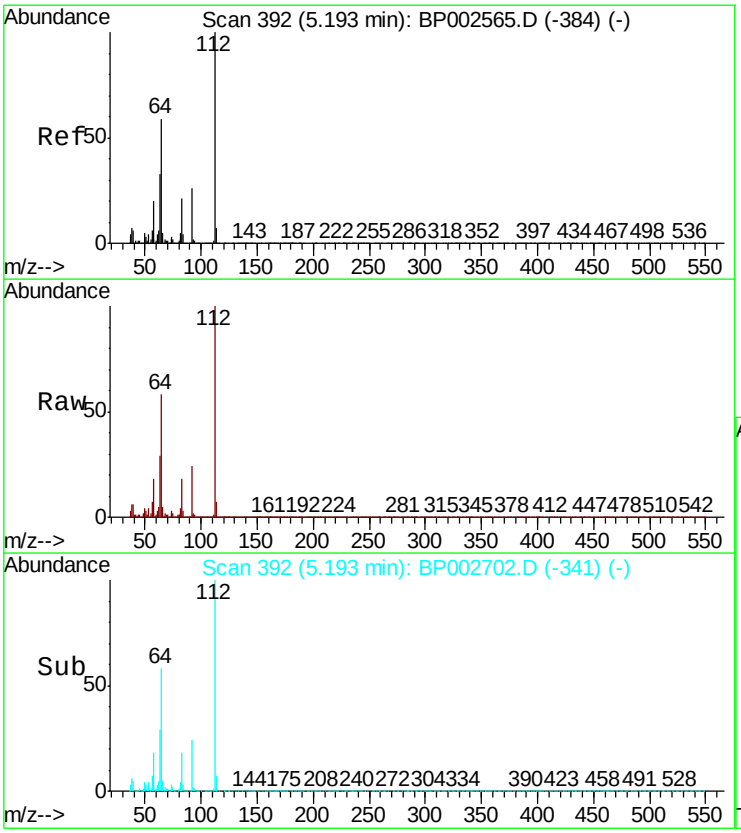
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002702.D
Acq: 09 Jul 2020 17:57

Instrument :
BNA_P
ClientSampleId :
PB130037TB

Tgt Ion:152 Resp: 57527

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.2	186.2
115	57.6	47.1	70.7

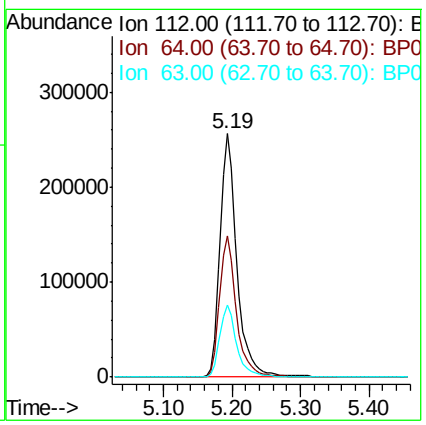


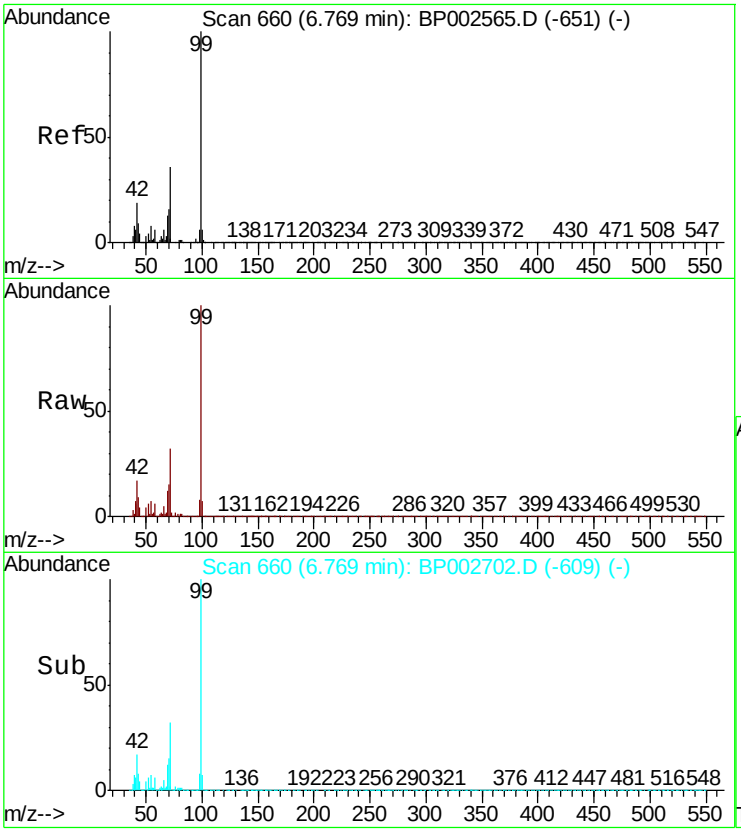


#5
2-Fluorophenol
Concen: 129.096 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002702.D
Acq: 09 Jul 2020 17:57

Tgt Ion:112 Resp: 438631

Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.0	70.6
63	29.4	26.1	39.1



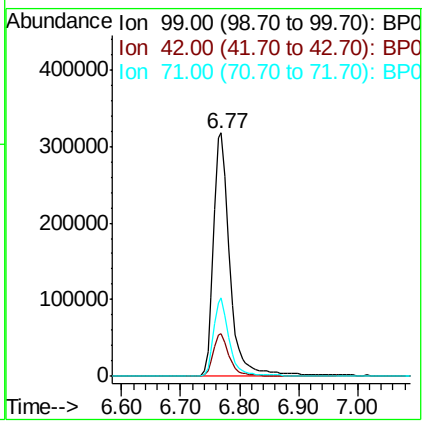


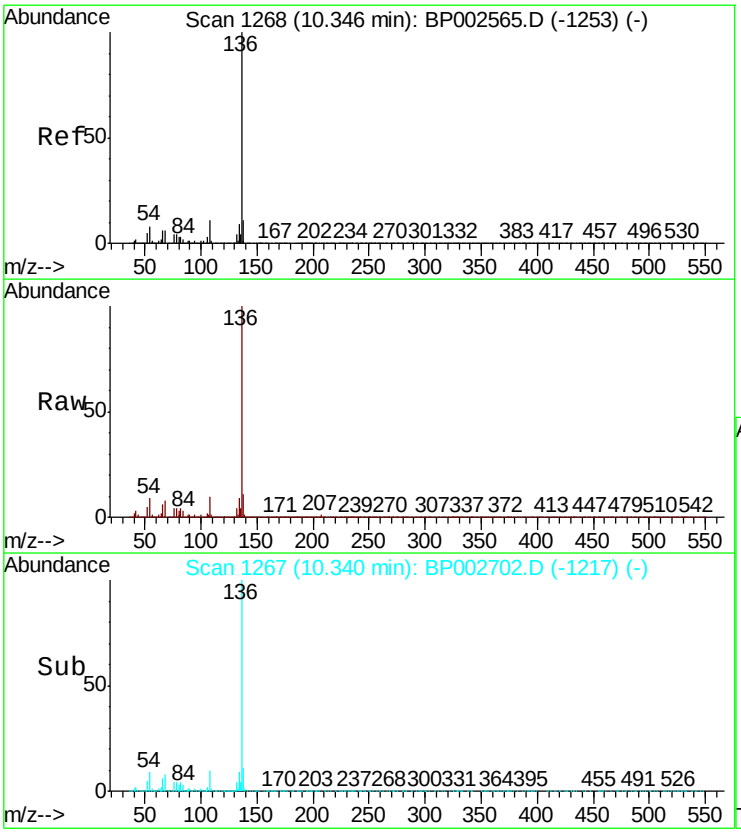
#7
Phenol-d6
Concen: 130.917 ng
RT: 6.77 min Scan# 660
Delta R.T. -0.00 min
Lab File: BP002702.D
Acq: 09 Jul 2020 17:57

Instrument :
BNA_P
ClientSampleId :
PB130037TB

Tgt Ion: 99 Resp: 620852

Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.5	23.3
71	32.1	28.9	43.3

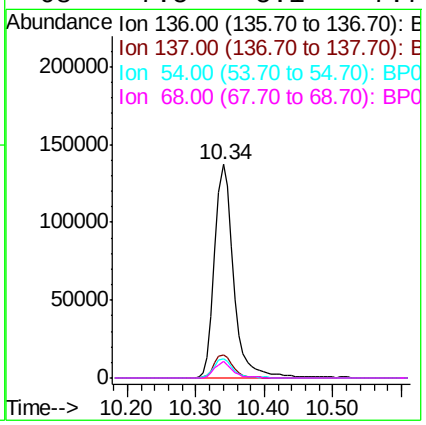


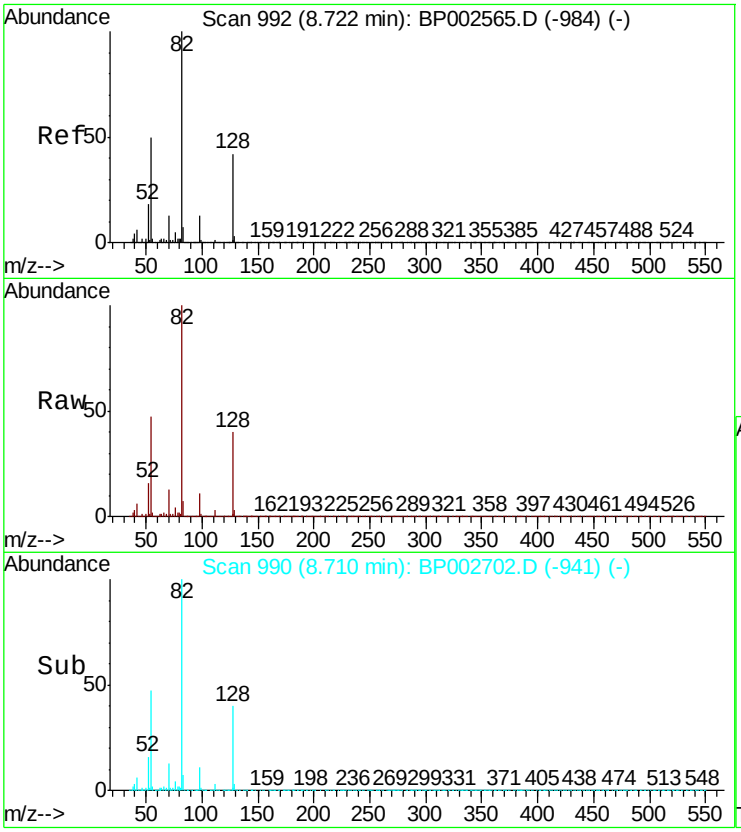


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002702.D
Acq: 09 Jul 2020 17:57

Tgt Ion:136 Resp: 266027

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.7	6.4	9.6
68	7.5	5.1	7.7



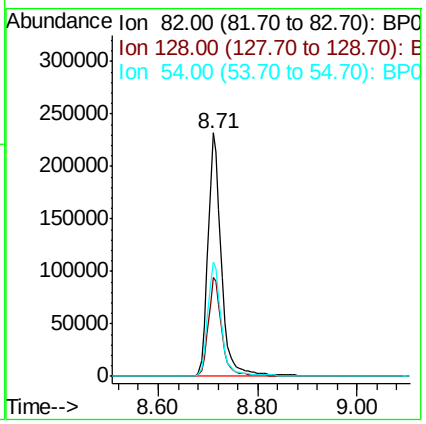


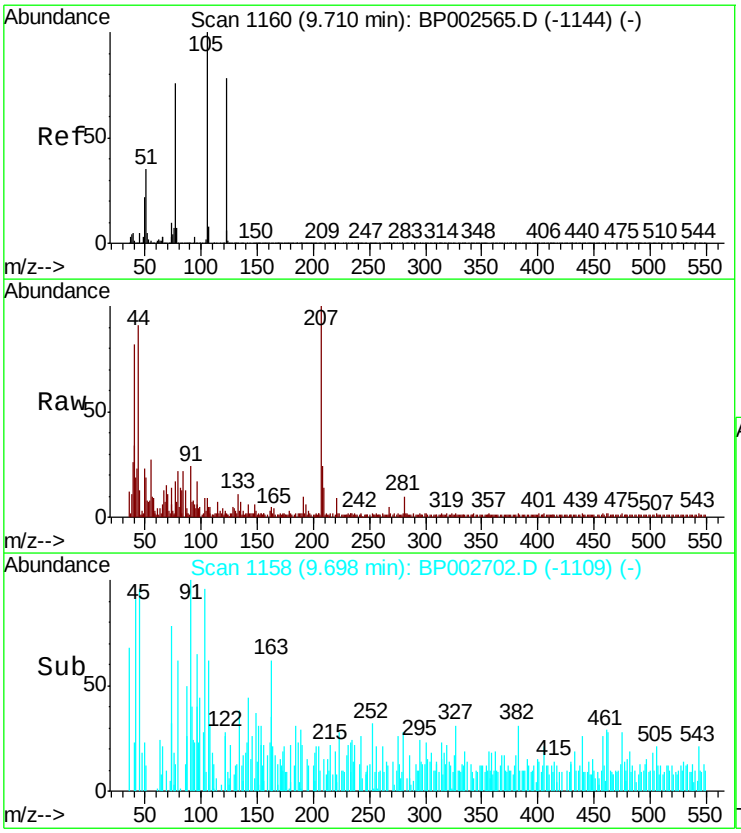
#23
Nitrobenzene-d5
Concen: 85.177 ng
RT: 8.71 min Scan# 990
Delta R.T. -0.01 min
Lab File: BP002702.D
Acq: 09 Jul 2020 17:57

Instrument :
BNA_P
ClientSampleId :
PB130037TB

Tgt Ion: 82 Resp: 439770

Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.4	50.2
54	47.0	40.1	60.1

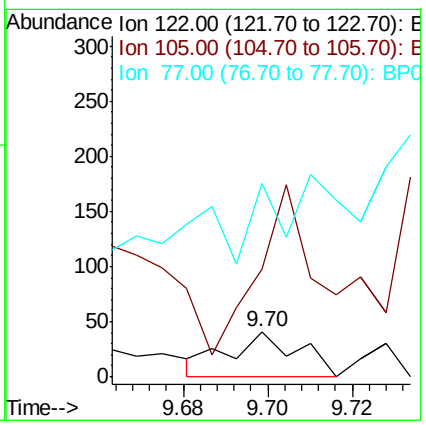


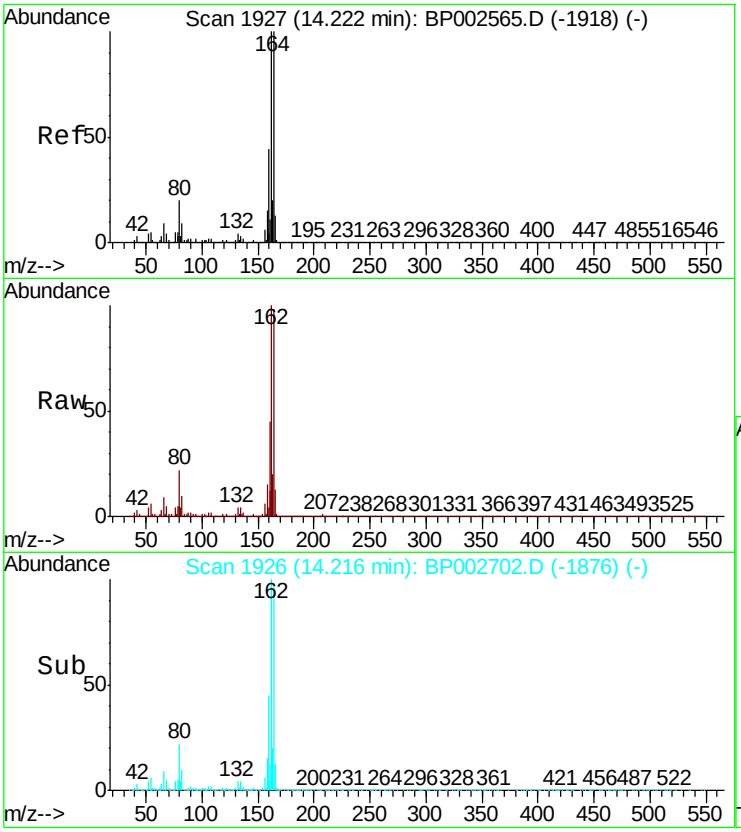


#32
Benzoic acid
Concen: 8.712 ng
RT: 9.70 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BP002702.D
Acq: 09 Jul 2020 17:57

Tgt Ion:122 Resp: 46

Ion	Ratio	Lower	Upper
122	100		
105	239.0	106.6	146.6#
77	426.8	76.5	116.5#



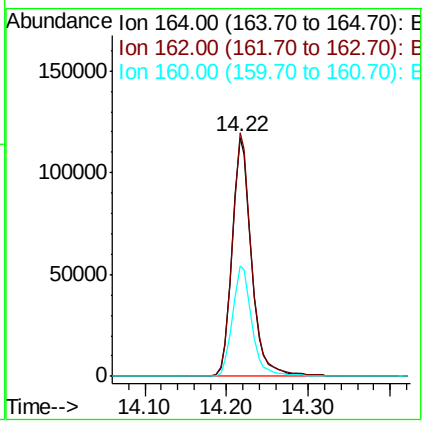


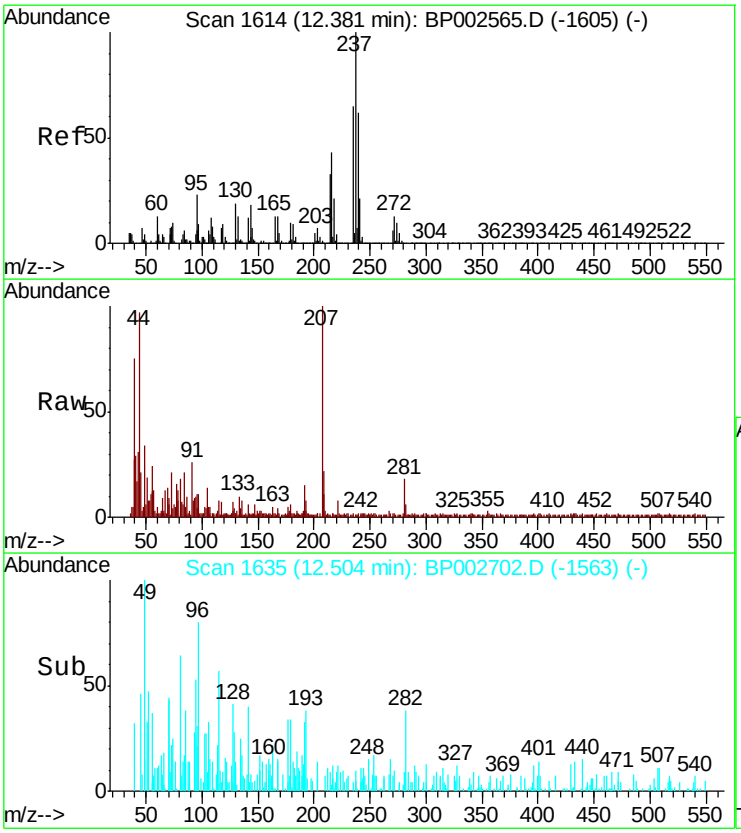
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002702.D
Acq: 09 Jul 2020 17:57

Instrument :
BNA_P
ClientSampleId :
PB130037TB

Tgt Ion:164 Resp: 193607

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.3	120.5
160	46.2	35.0	52.6

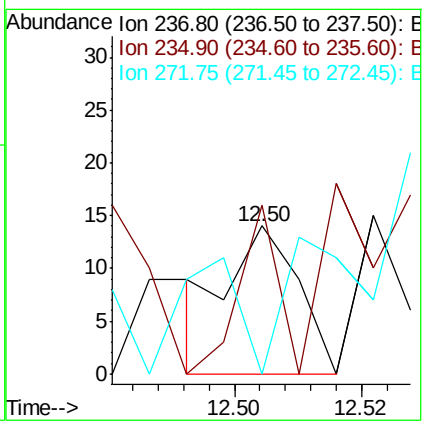


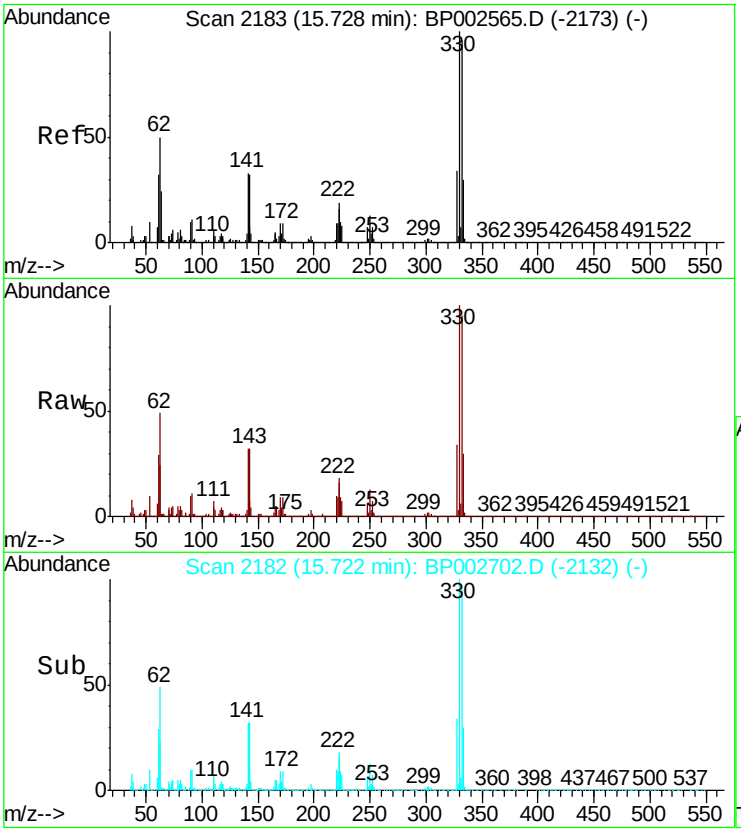


#41
Hexachlorocyclopentadiene
Concen: 4.385 ng
RT: 12.50 min Scan# 1635
Delta R.T. 0.12 min
Lab File: BP002702.D
Acq: 09 Jul 2020 17:57

Tgt Ion:237 Resp: 11

Ion	Ratio	Lower	Upper
237	100		
235	64.0	45.4	85.4
272	0.0	0.0	32.6



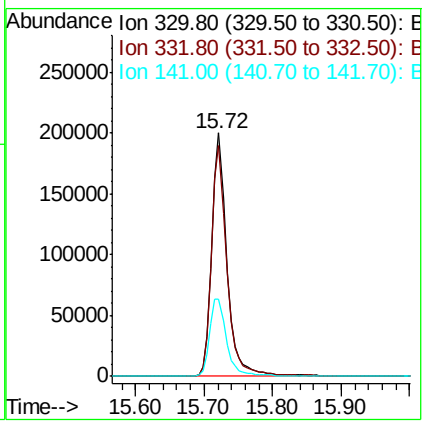


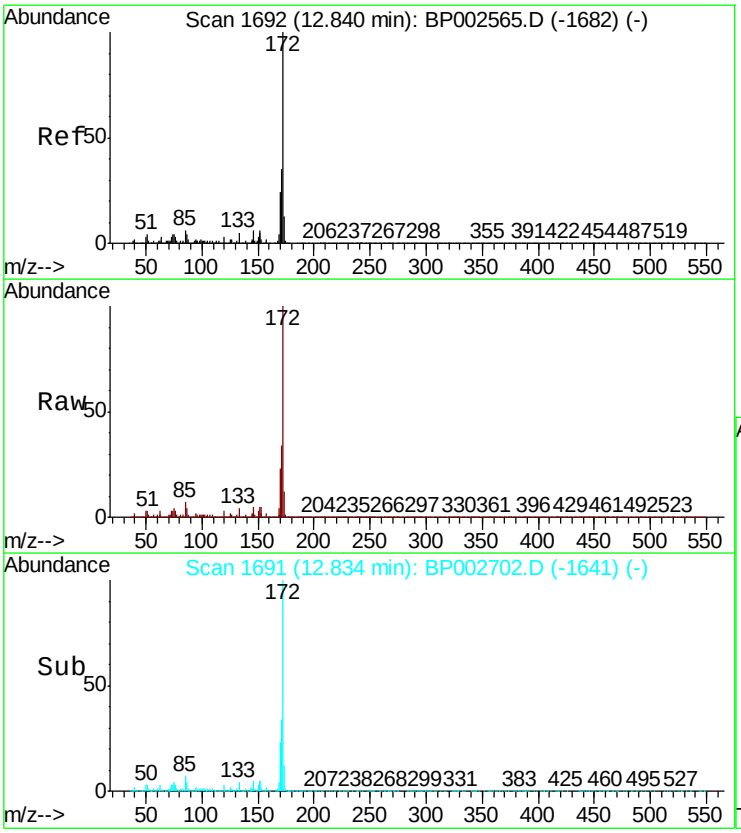
#42
2,4,6-Tribromophenol
Concen: 129.418 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002702.D
Acq: 09 Jul 2020 17:57

Instrument :
BNA_P
ClientSampleId :
PB130037TB

Tgt Ion:330 Resp: 304755

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.7	116.5
141	36.1	29.0	43.6

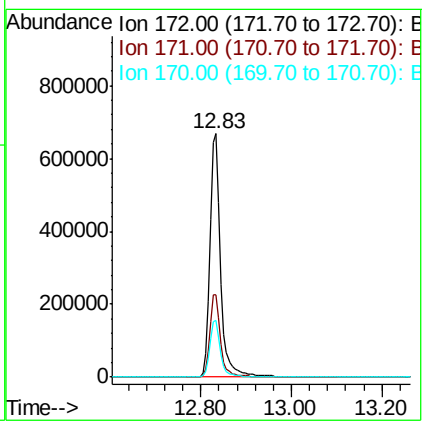


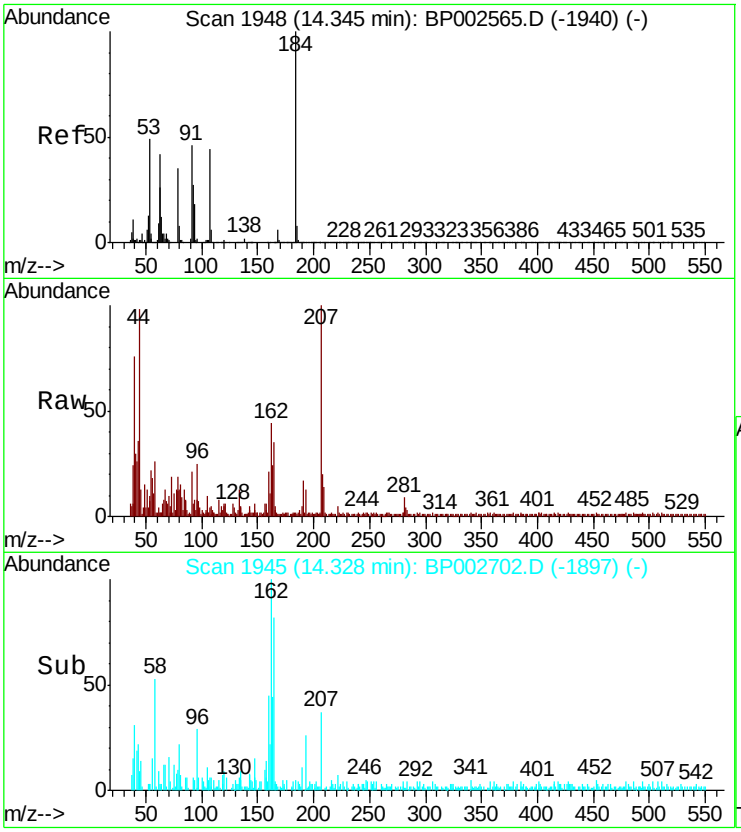


#45
2-Fluorobiphenyl
Concen: 85.325 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002702.D
Acq: 09 Jul 2020 17:57

Tgt Ion:172 Resp: 1122380

Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.0	42.0
170	23.5	19.0	28.4



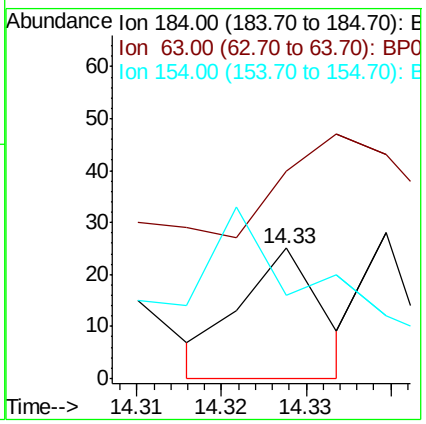


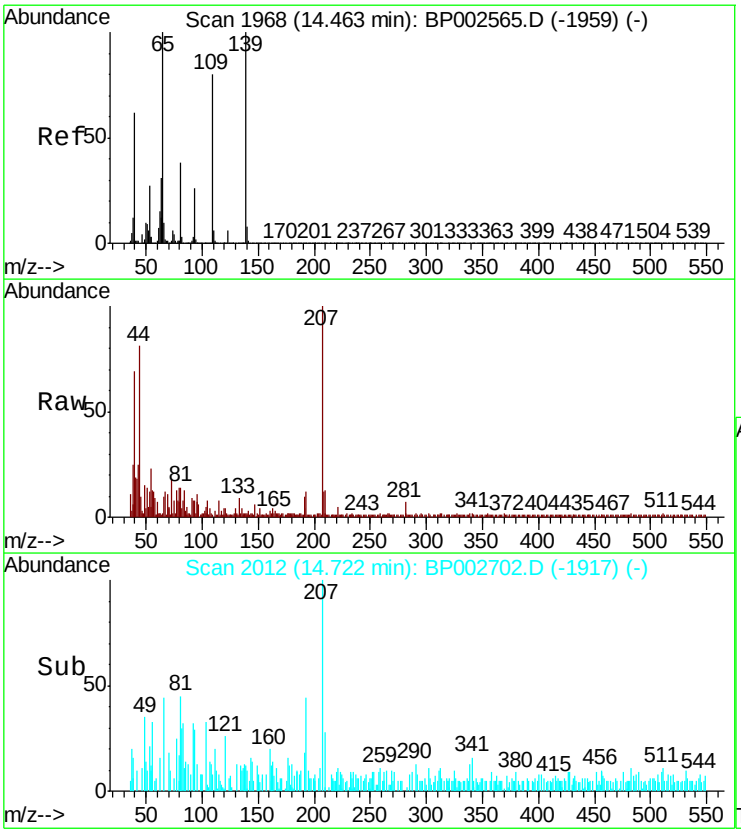
#54
2,4-Dinitrophenol
Concen: 6.017 ng
RT: 14.33 min Scan# 1945
Delta R.T. -0.02 min
Lab File: BP002702.D
Acq: 09 Jul 2020 17:57

Instrument :
BNA_P
ClientSampleId :
PB130037TB

Tgt Ion:184 Resp: 17

Ion	Ratio	Lower	Upper
184	100		
63	160.0	56.2	84.2#
154	64.0	50.9	76.3

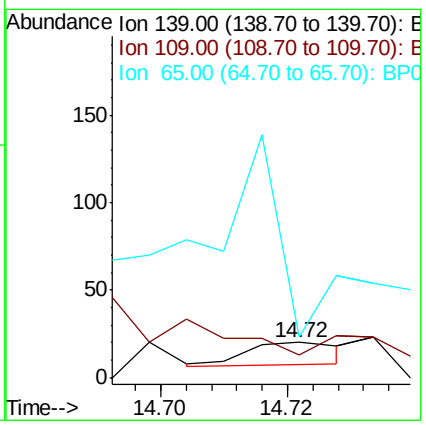


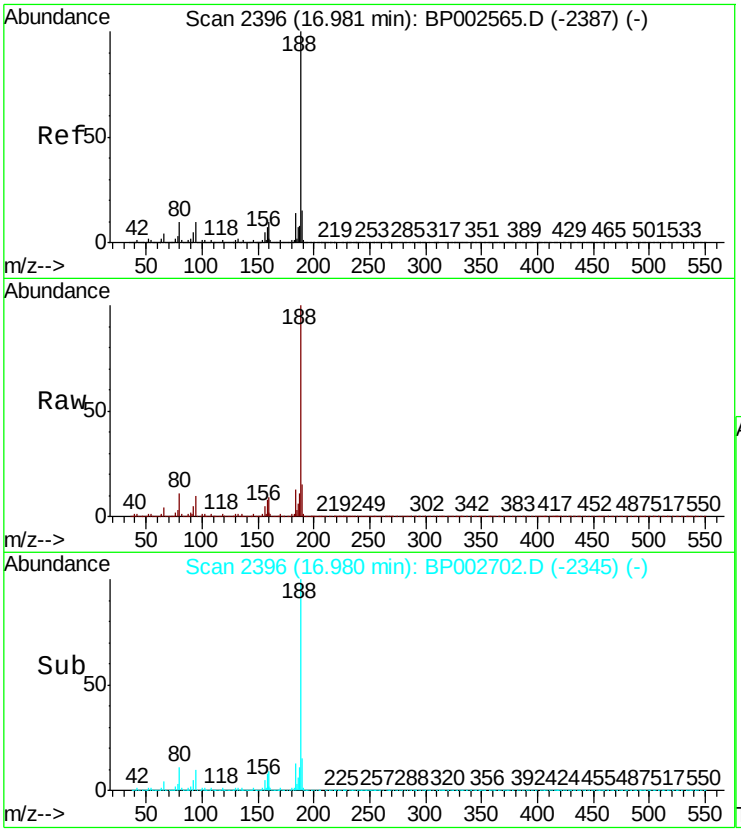


#56
4-Nitrophenol
Concen: 2.440 ng
RT: 14.72 min Scan# 2012
Delta R.T. 0.26 min
Lab File: BP002702.D
Acq: 09 Jul 2020 17:57

Tgt Ion:139 Resp: 13

Ion	Ratio	Lower	Upper
139	100		
109	65.0	60.1	100.1
65	115.0	80.3	120.3



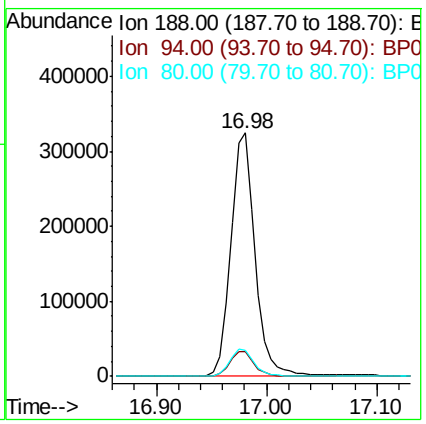


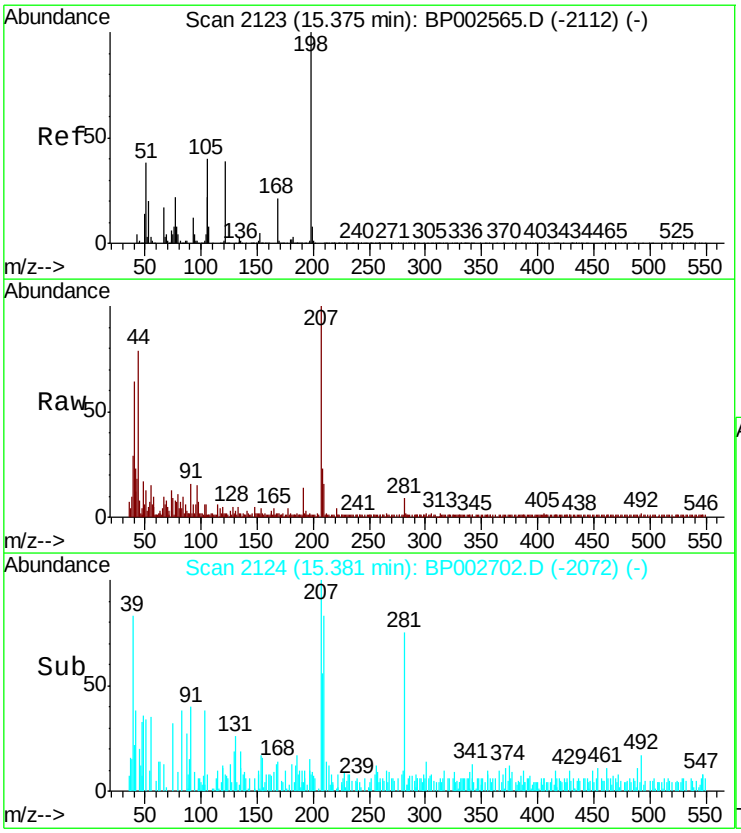
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BP002702.D
Acq: 09 Jul 2020 17:57

Instrument :
BNA_P
ClientSampleId :
PB130037TB

Tgt Ion:188 Resp: 500929

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.8	11.6
80	10.6	8.2	12.4

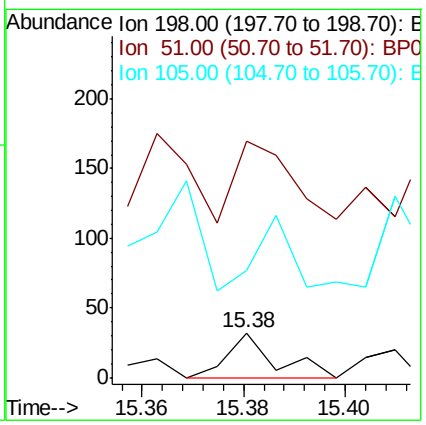


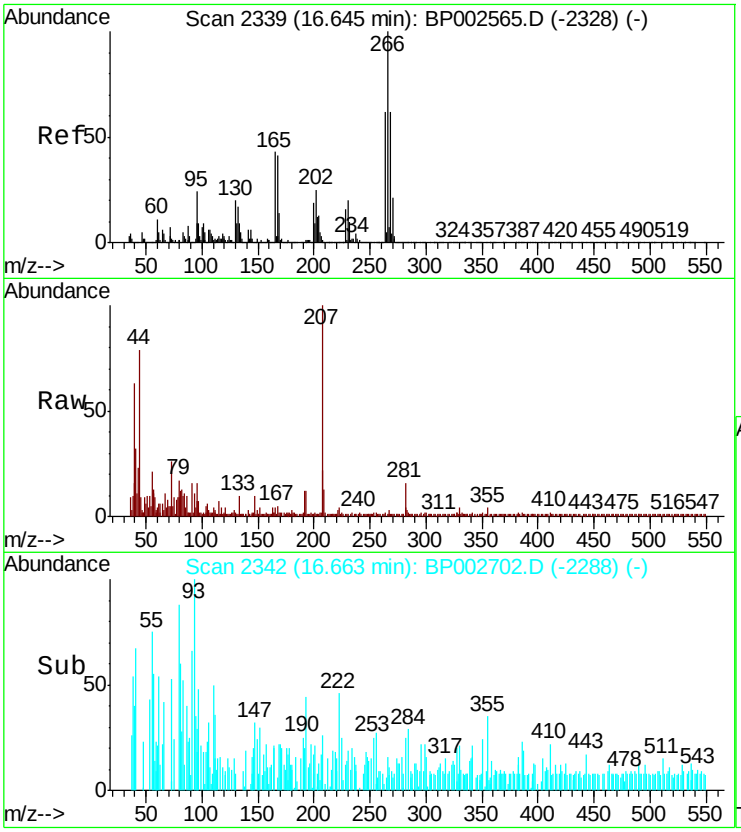


#65
4,6-Dinitro-2-methylphenol
Concen: 2.716 ng
RT: 15.38 min Scan# 2124
Delta R.T. 0.01 min
Lab File: BP002702.D
Acq: 09 Jul 2020 17:57

Tgt Ion:198 Resp: 21

Ion	Ratio	Lower	Upper
198	100		
51	531.3	24.2	64.2#
105	281.3	20.7	60.7#



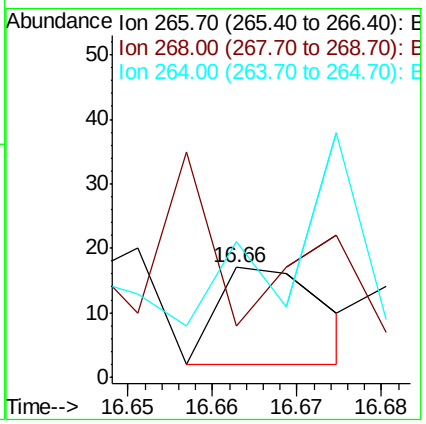


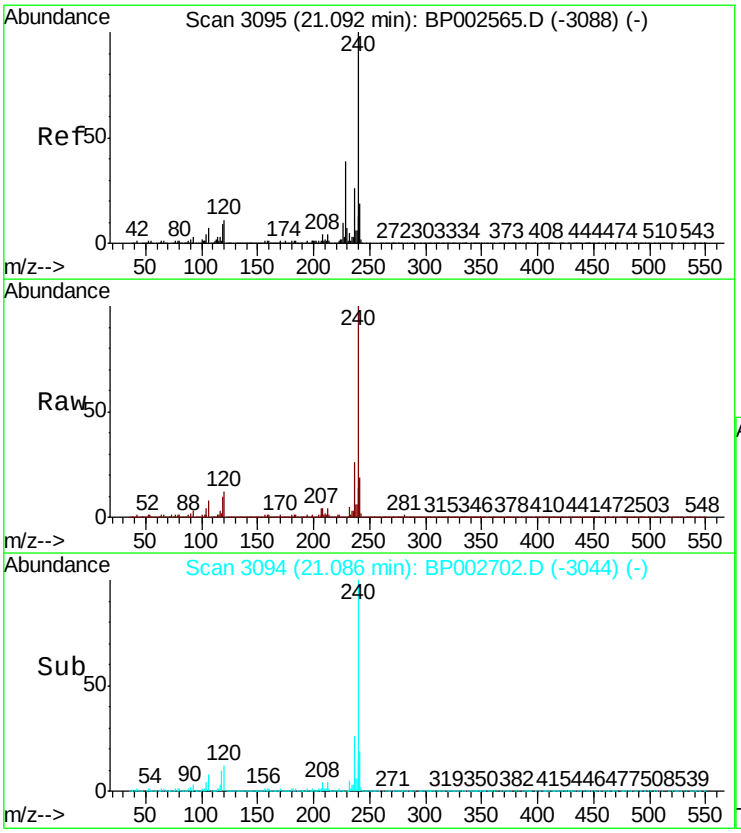
#70
Pentachlorophenol
Concen: 2.665 ng
RT: 16.66 min Scan# 2342
Delta R.T. 0.02 min
Lab File: BP002702.D
Acq: 09 Jul 2020 17:57

Instrument :
BNA_P
ClientSampleId :
PB130037TB

Tgt Ion:266 Resp: 13

Ion	Ratio	Lower	Upper
266	100		
268	47.1	49.7	74.5#
264	123.5	49.3	73.9#

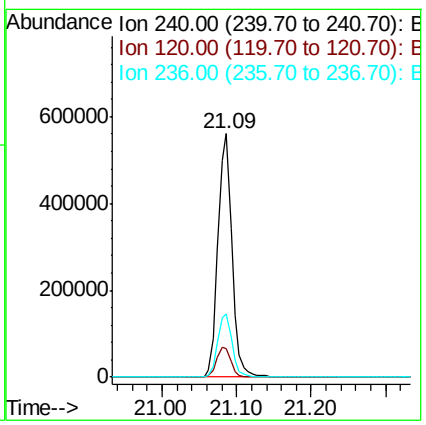


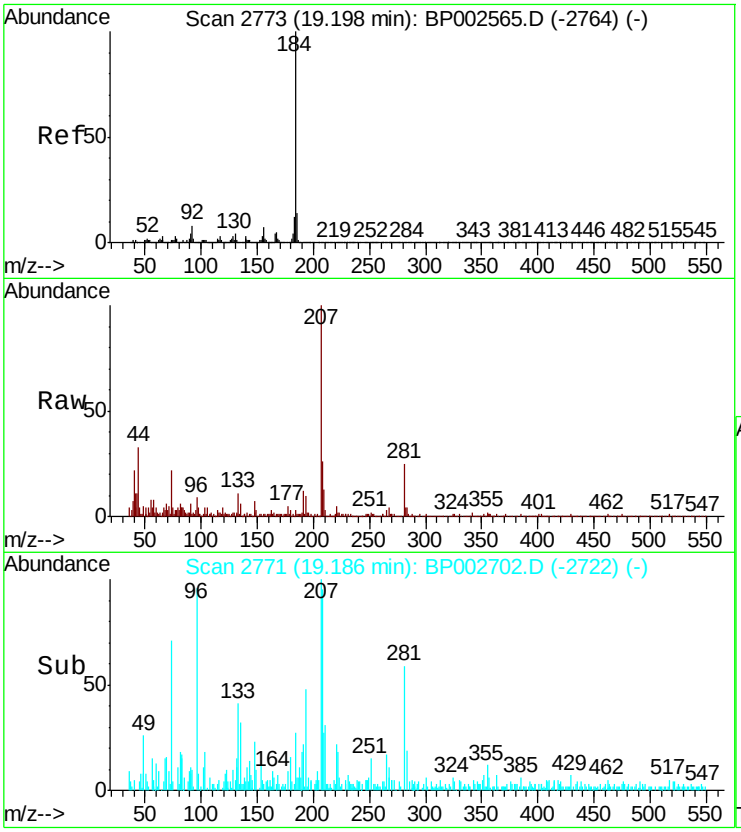


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002702.D
Acq: 09 Jul 2020 17:57

Tgt Ion:240 Resp: 729491

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.6	13.0
236	25.9	20.8	31.2



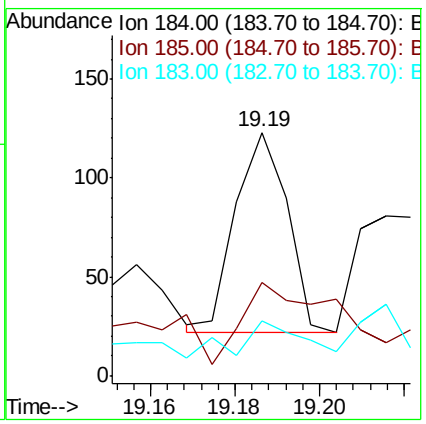


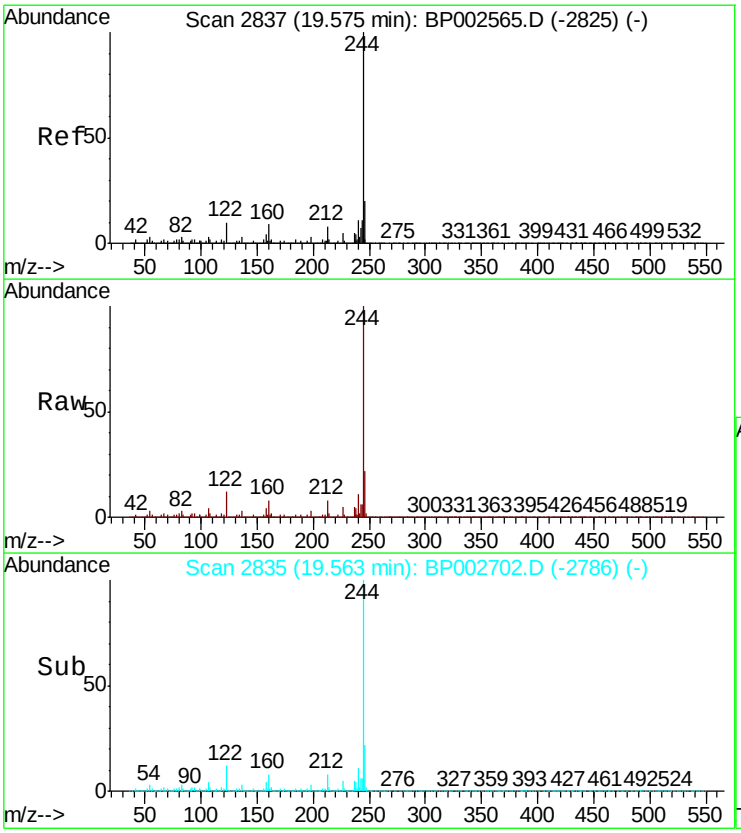
#77
Benzidine
Concen: 3.759 ng
RT: 19.19 min Scan# 2771
Delta R.T. -0.01 min
Lab File: BP002702.D
Acq: 09 Jul 2020 17:57

Instrument :
BNA_P
ClientSampleId :
PB130037TB

Tgt Ion:184 Resp: 86

Ion	Ratio	Lower	Upper
184	100		
185	38.2	11.4	17.2#
183	22.8	9.2	13.8#

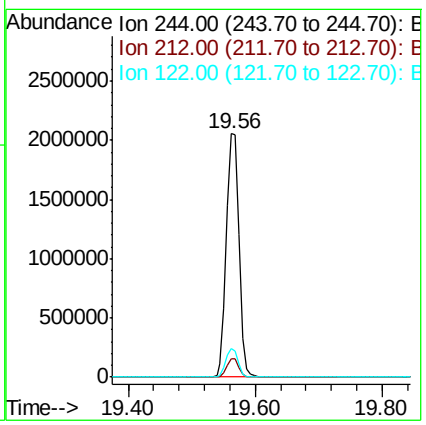


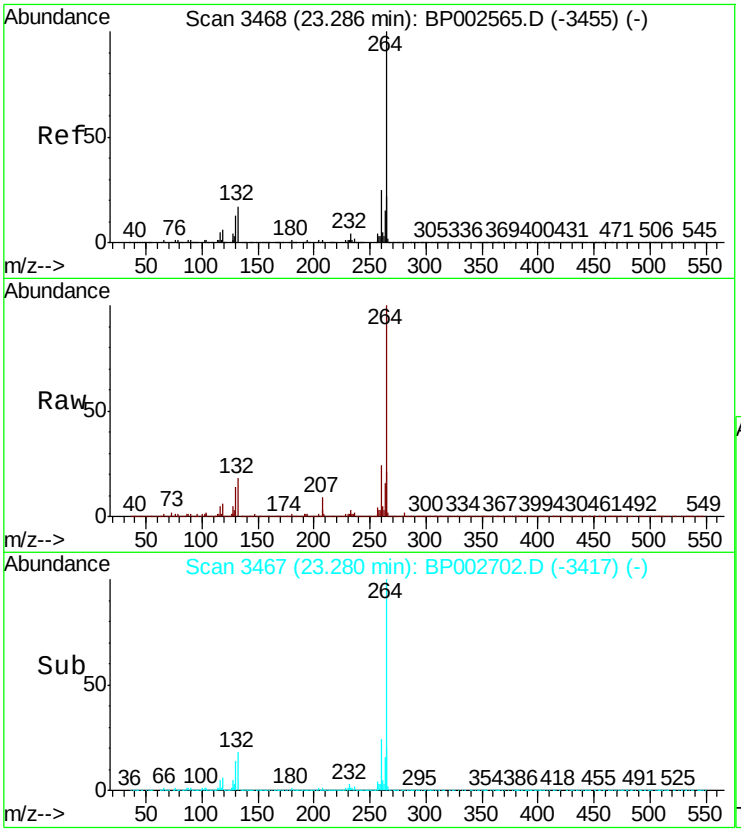


#79
Terphenyl-d14
Concen: 82.955 ng
RT: 19.56 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BP002702.D
Acq: 09 Jul 2020 17:57

Tgt Ion:244 Resp: 2803582

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	11.9	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: BP002702.D
Acq: 09 Jul 2020 17:57

Instrument :
BNA_P
ClientSampleId :
PB130037TB

Tgt Ion:264 Resp: 885817

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.7	29.5
265	20.7	17.6	26.4