Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070220\
Data File : BP002637.D
Acq On : 02 Jul 2020 18:47
Operator : CG/JU
Sample : L3172-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP2-TS

Quant Time: Jul 02 19:20:36 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	210808	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	850920	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	544599	20.00	ng		0.00
64) Phenanthrene-d10	16.97	188	1229524	20.00	ng		0.00
76) Chrysene-d12	21.09	240	1343726	20.00	ng		0.00
86) Perylene-d12	23.28	264	1307763	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1301735	104.55	ng		0.00
7) Phenol-d6	6.76	99	1772490	101.99	ng		0.00
23) Nitrobenzene-d5	8.72	82	1187089	71.88	ng		0.00
42) 2,4,6-Tribromophenol	15.72	330	703255	106.17	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	2572324	69.52	ng		0.00
79) Terphenyl-d14	19.57	244	3947051	63.40	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.72	77	37606	3.212	ng		99
32) Benzoic acid	9.69	122	39	8.703	ng	#	34
41) Hexachlorocyclopentadiene	12.35	237	23	4.384	ng		80
50) Dimethylphthalate	13.68	163	290592	6.794	ng		99
54) 2,4-Dinitrophenol	14.33	184	34	6.014	ng	#	1
56) 4-Nitrophenol	14.69	139	108	2.449	ng		89
65) 4,6-Dinitro-2-methylphenol	15.36	198	8	2.711	ng	#	1
70) Pentachlorophenol	16.63	266	80	2.671	ng	#	54
77) Benzidine	19.20	184	160	3.759	ng	#	2

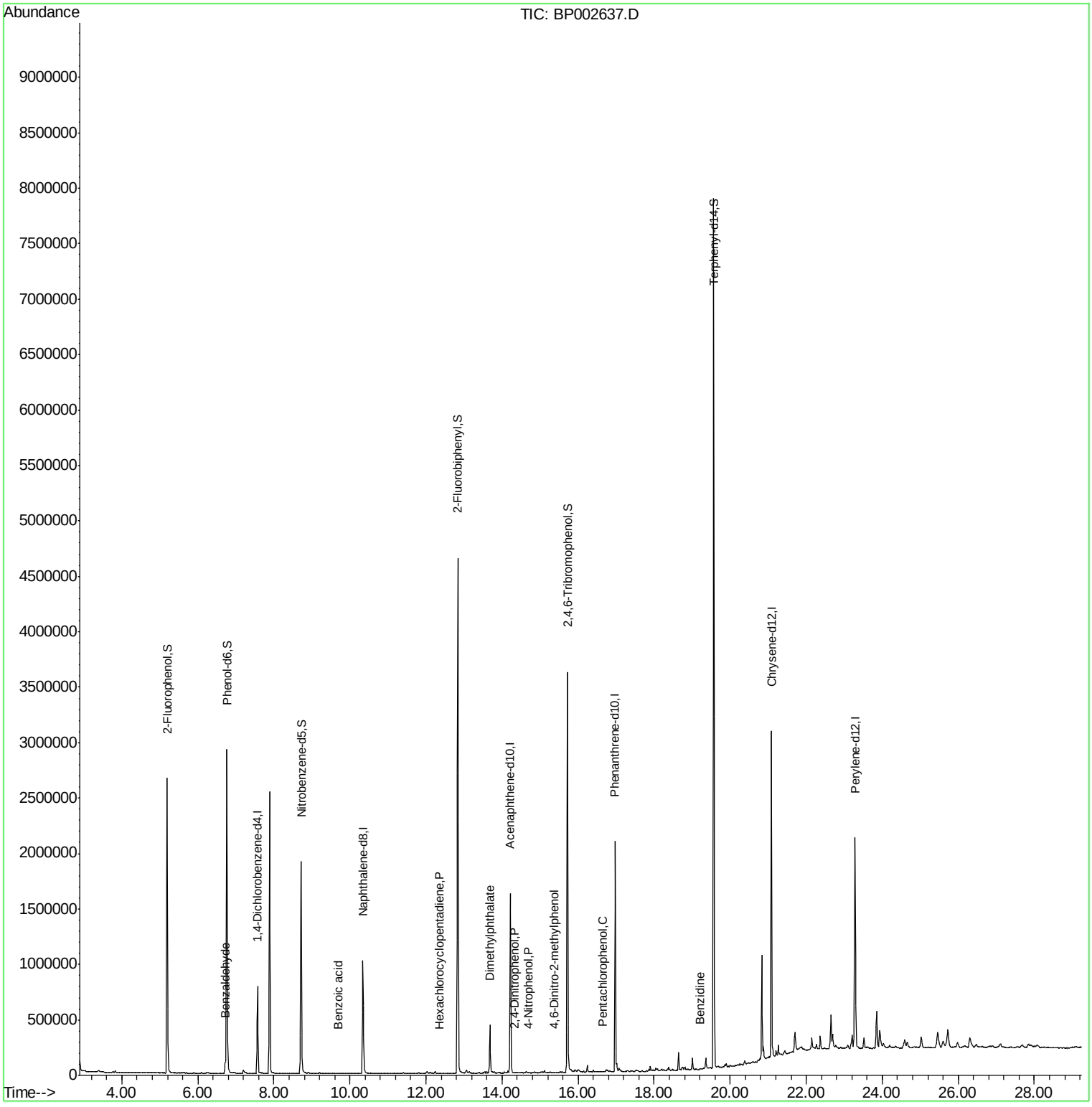
(#) = qualifier out of range (m) = manual integration (+) = signals summed

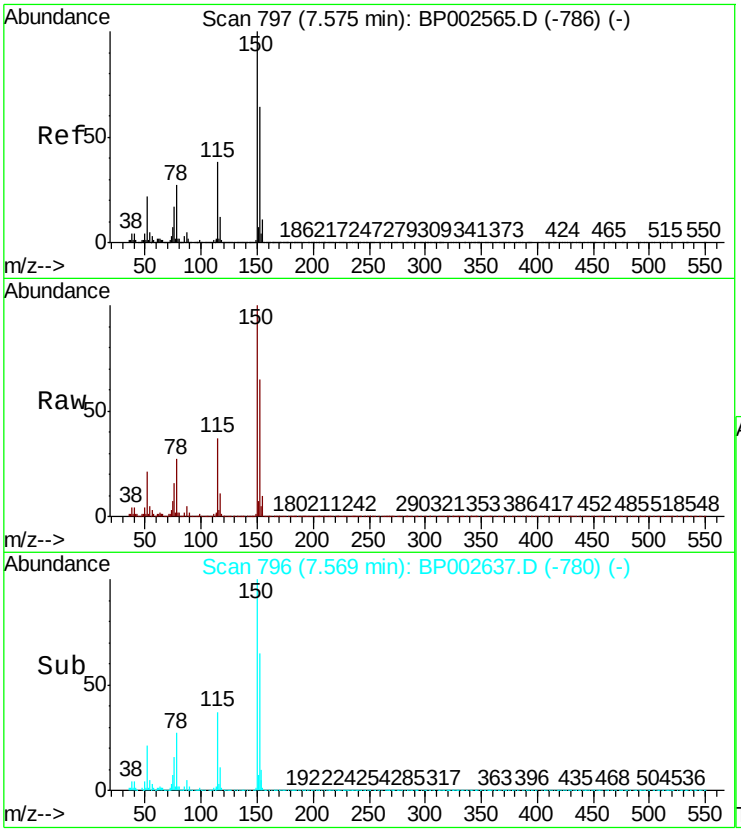
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070220\
Data File : BP002637.D
Acq On : 02 Jul 2020 18:47
Operator : CG/JU
Sample : L3172-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP2-TS

Quant Time: Jul 02 19:20:36 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



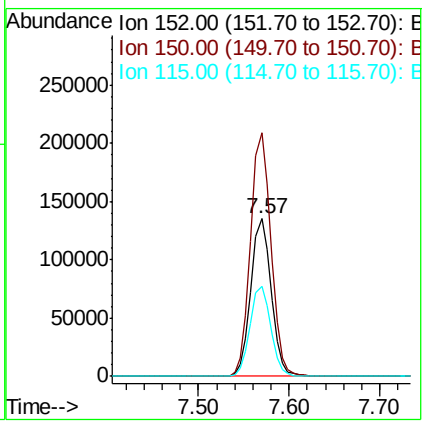


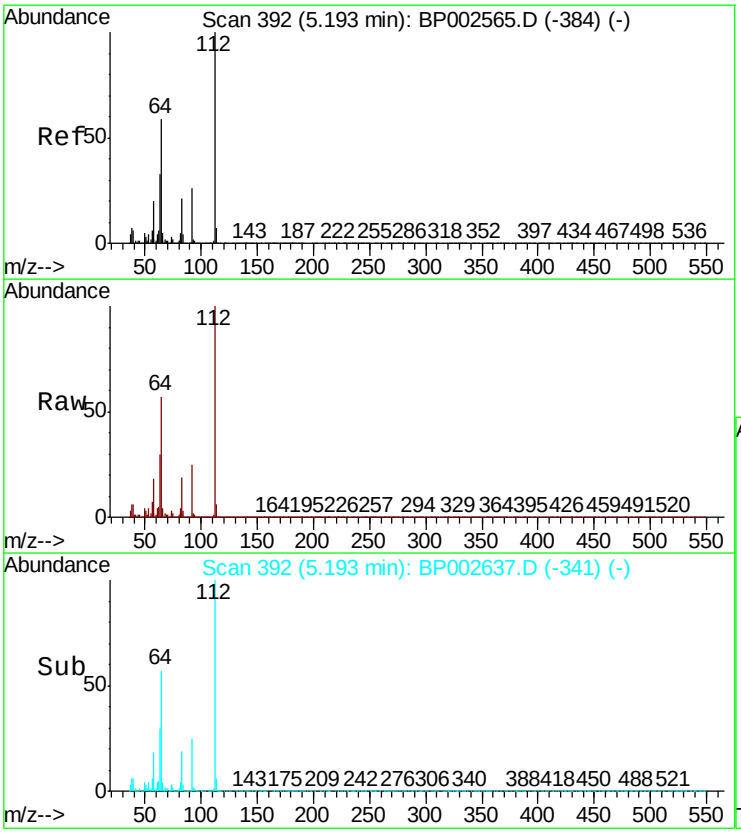
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

Instrument :
BNA_P
ClientSampleId :
TP2-TS

Tgt Ion:152 Resp: 210808

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.2	186.2
115	57.3	47.1	70.7

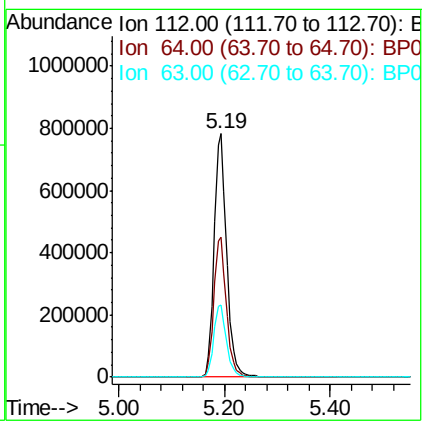


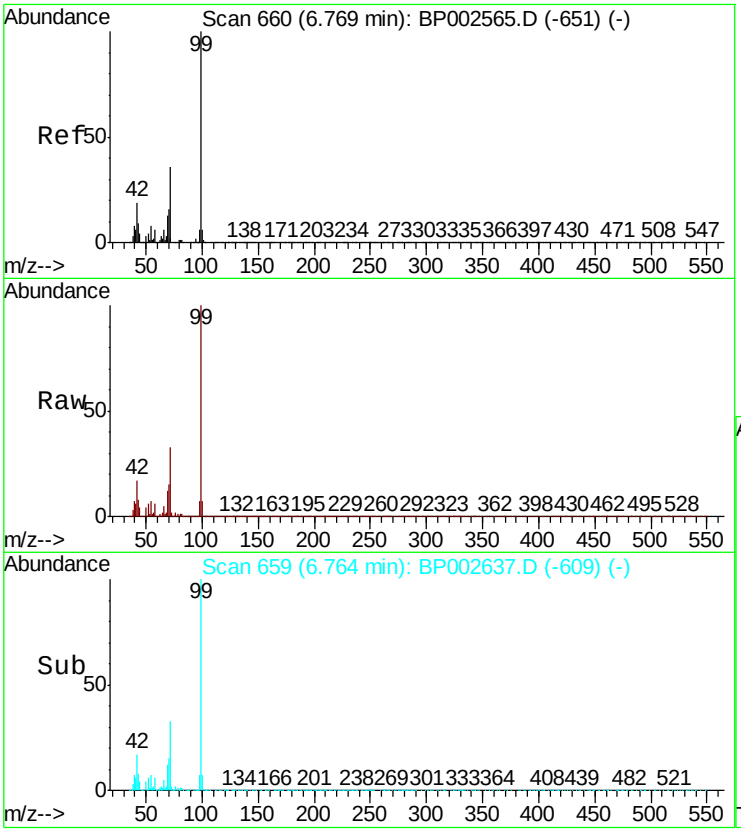


#5
2-Fluorophenol
Concen: 104.549 ng
RT: 5.19 min Scan# 392
Delta R.T. 0.00 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

Tgt Ion:112 Resp: 1301735

Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.0	70.6
63	29.8	26.1	39.1



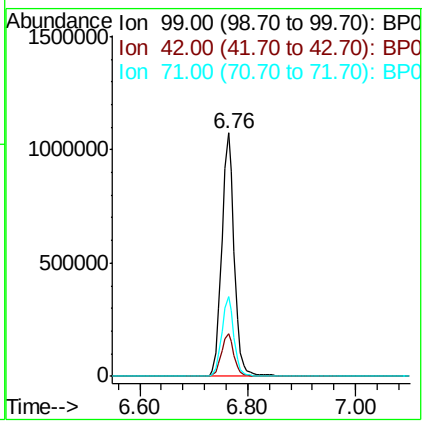


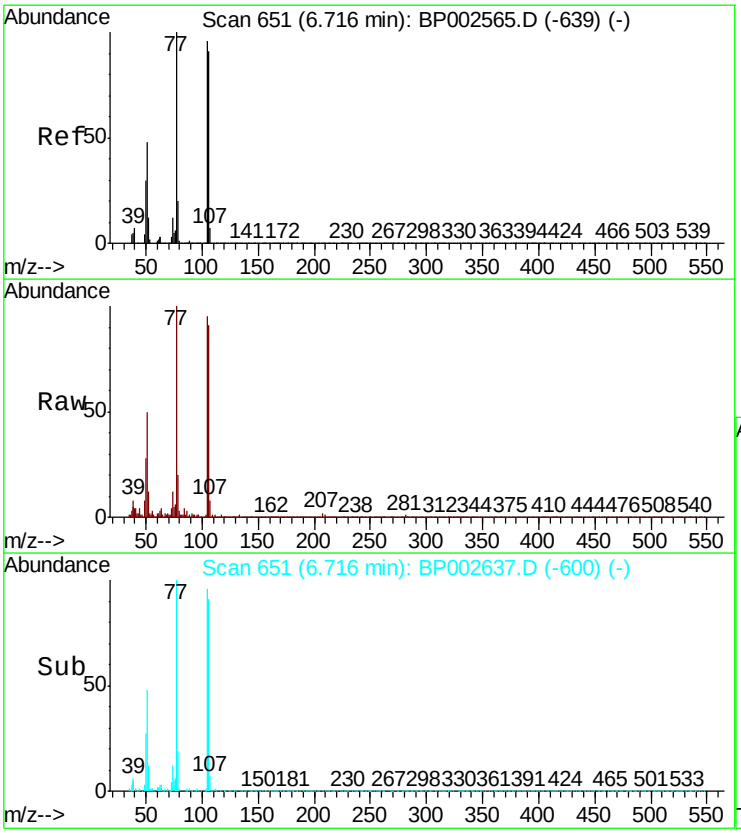
#7
Phenol-d6
Concen: 101.995 ng
RT: 6.76 min Scan# 659
Delta R.T. -0.01 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

Instrument :
BNA_P
ClientSampleId :
TP2-TS

Tgt Ion: 99 Resp: 1772490

Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.5	23.3
71	32.7	28.9	43.3

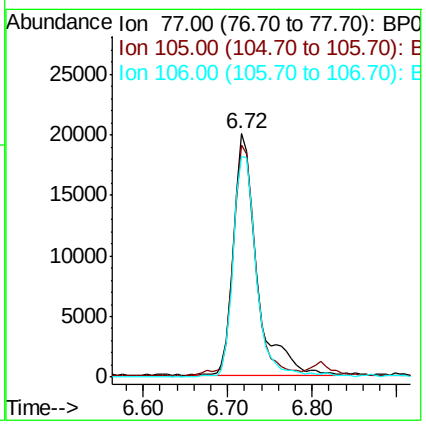


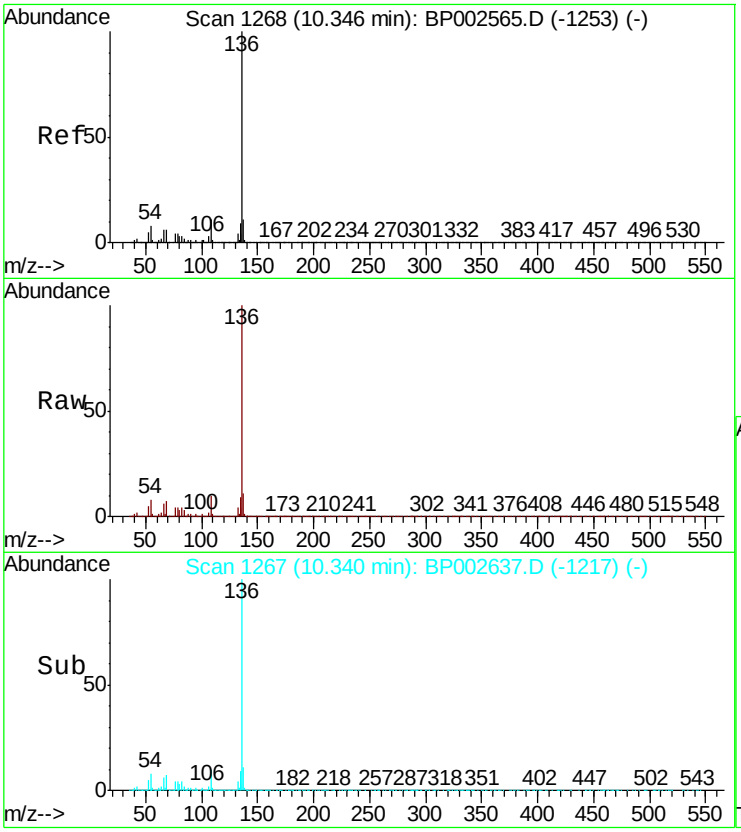


#9
Benzaldehyde
Concen: 3.212 ng
RT: 6.72 min Scan# 651
Delta R.T. 0.00 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

Tgt Ion: 77 Resp: 37606

Ion	Ratio	Lower	Upper
77	100		
105	95.4	76.5	116.5
106	90.5	70.9	110.9



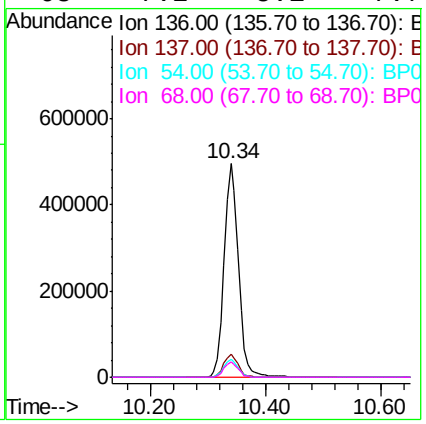


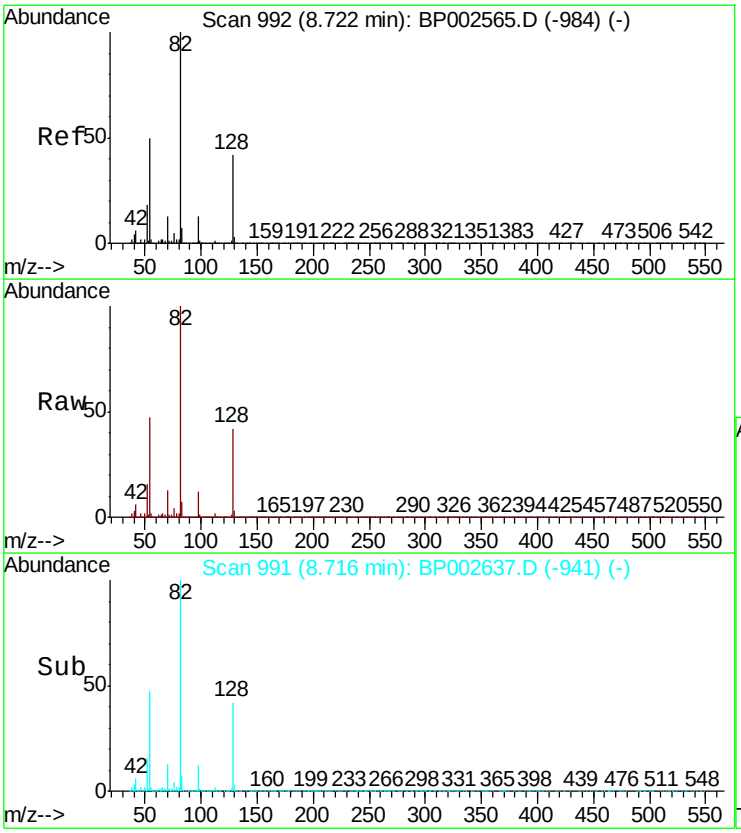
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

Instrument :
BNA_P
ClientSampleId :
TP2-TS

Tgt Ion:136 Resp: 850920

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.5	6.4	9.6
68	7.2	5.1	7.7

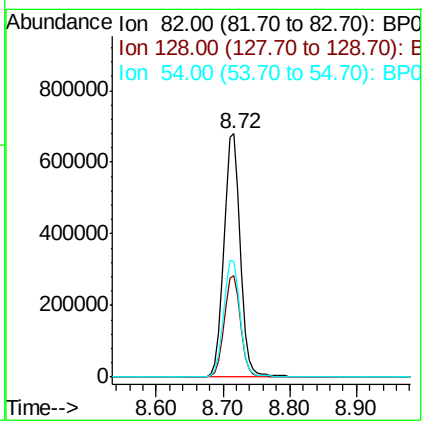


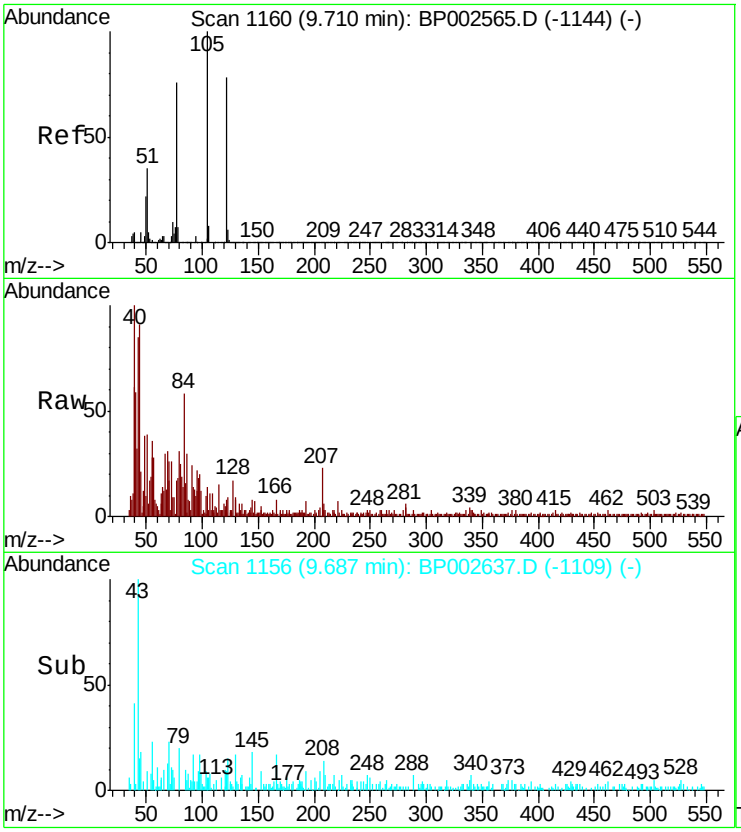


#23
Nitrobenzene-d5
Concen: 71.881 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

Tgt Ion: 82 Resp: 1187089

Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.4	50.2
54	47.5	40.1	60.1



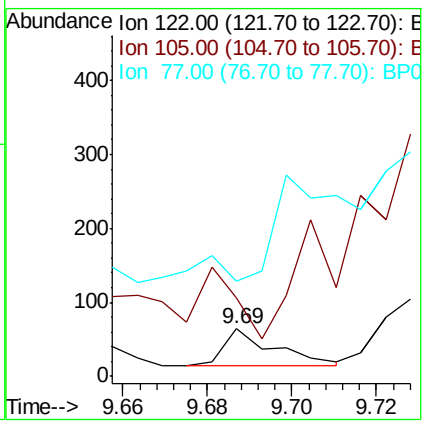


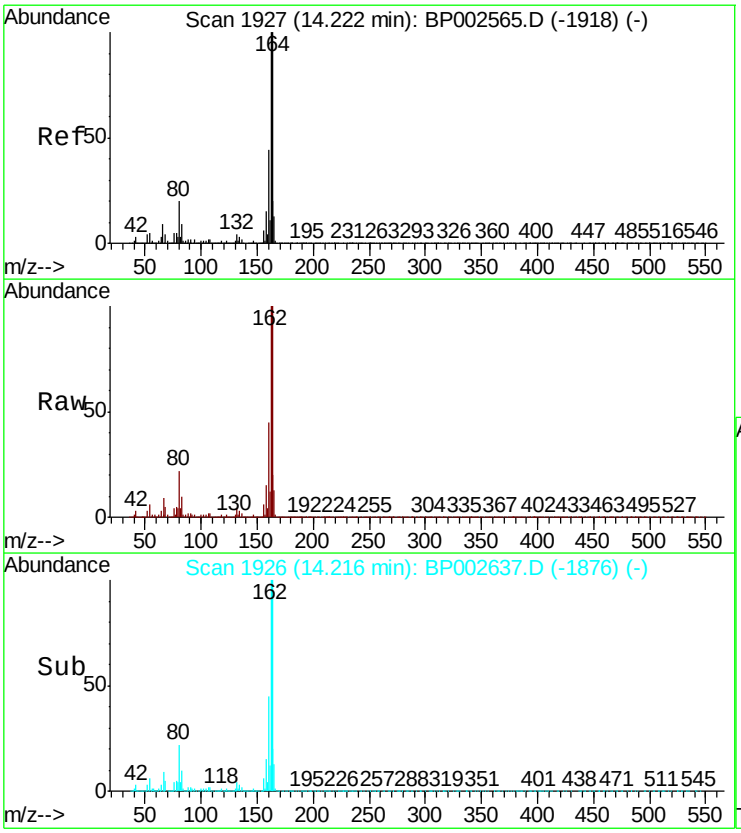
#32
Benzoic acid
Concen: 8.703 ng
RT: 9.69 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

Instrument :
BNA_P
ClientSampleId :
TP2-TS

Tgt Ion:122 Resp: 39

Ion	Ratio	Lower	Upper
122	100		
105	165.6	106.6	146.6#
77	201.6	76.5	116.5#

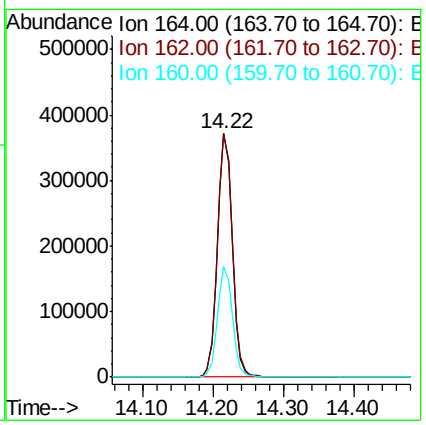


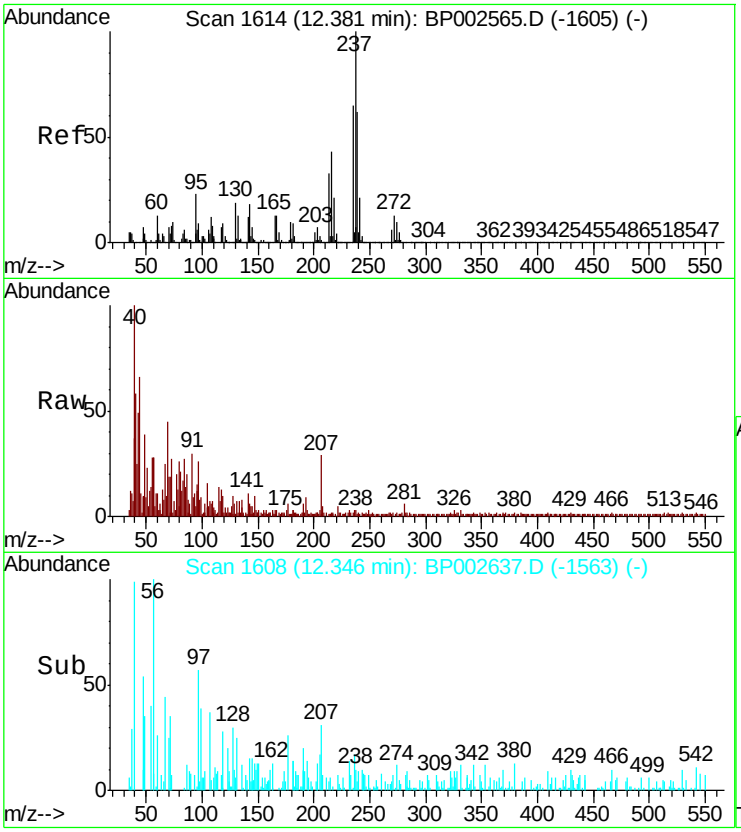


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

Tgt Ion:164 Resp: 544599

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.3	120.5
160	45.5	35.0	52.6



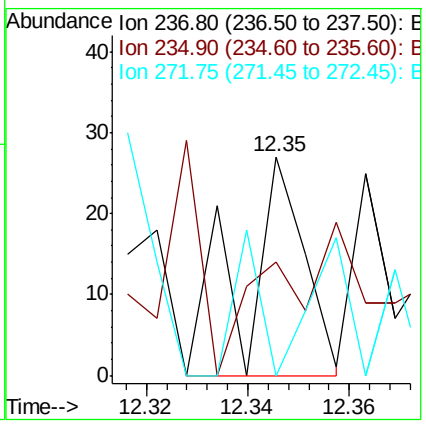


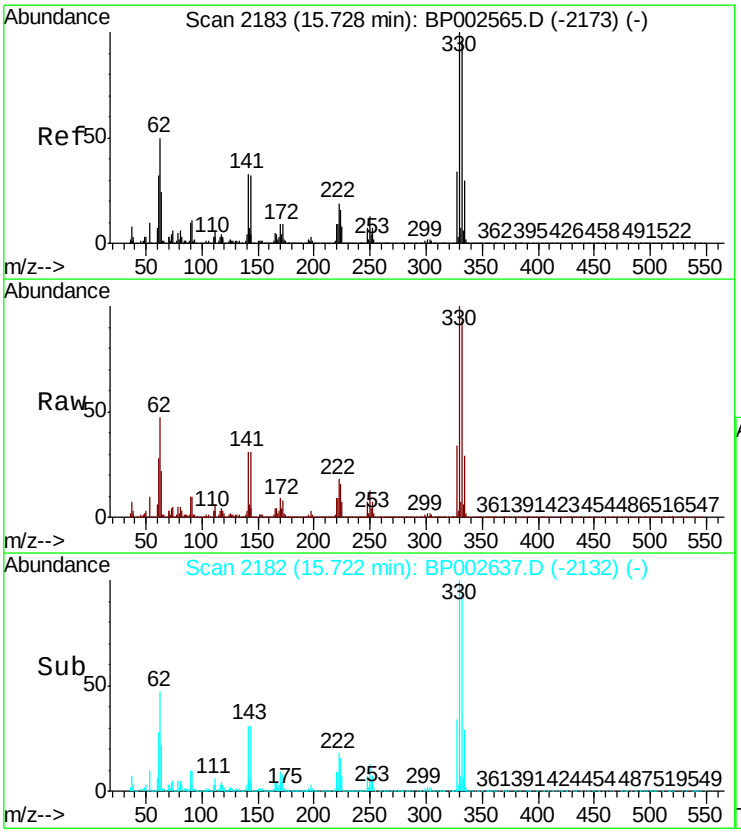
#41
Hexachlorocyclopentadiene
Concen: 4.384 ng
RT: 12.35 min Scan# 1608
Delta R.T. -0.03 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

Instrument :
BNA_P
ClientSampleId :
TP2-TS

Tgt Ion:237 Resp: 23

Ion	Ratio	Lower	Upper
237	100		
235	51.9	45.4	85.4
272	0.0	0.0	32.6

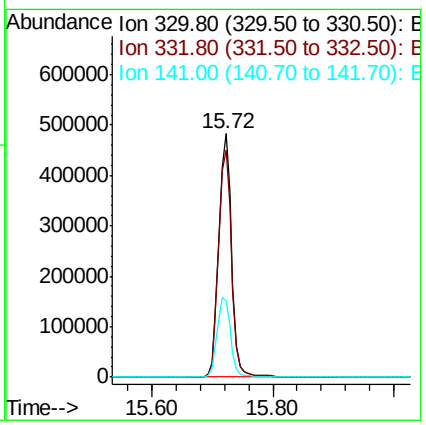


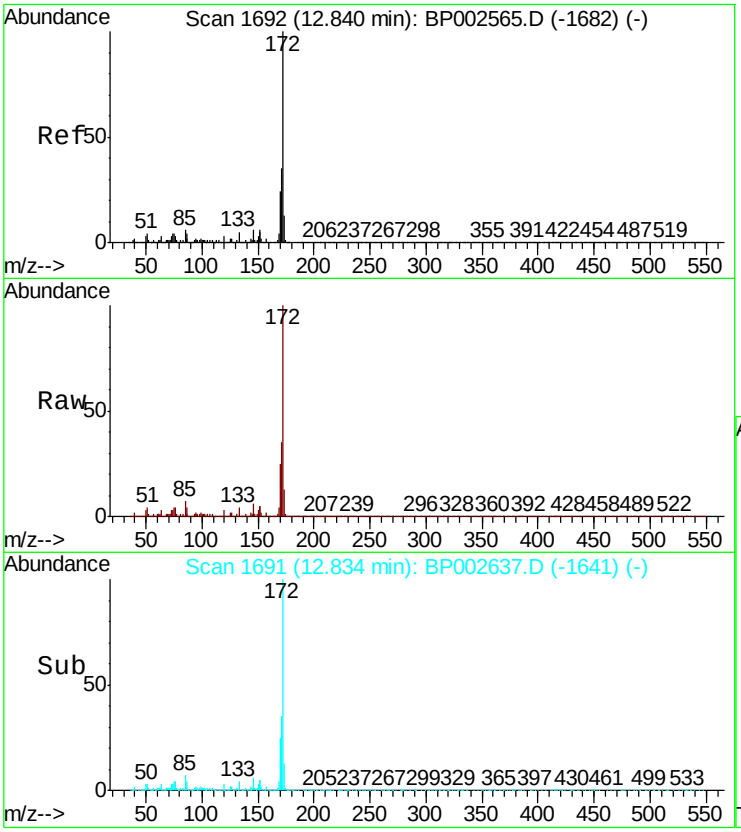


#42
2,4,6-Tribromophenol
Concen: 106.170 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

Tgt Ion:330 Resp: 703255

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.7	116.5
141	34.4	29.0	43.6



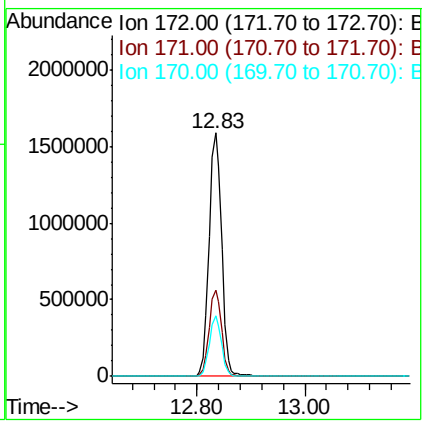


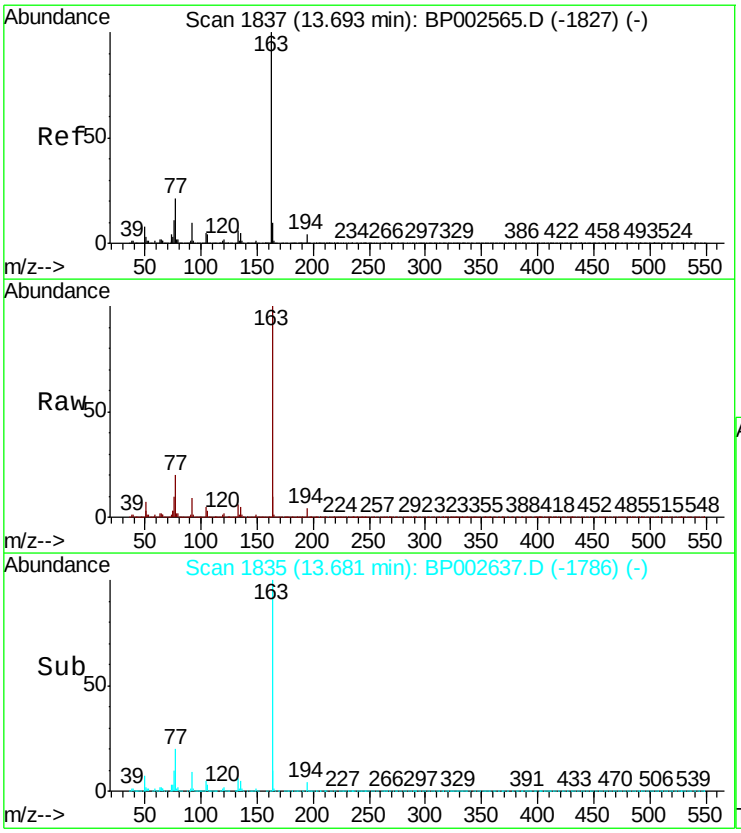
#45
2-Fluorobiphenyl
Concen: 69.520 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

Instrument :
BNA_P
ClientSampleId :
TP2-TS

Tgt Ion:172 Resp: 2572324

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.0	42.0
170	24.7	19.0	28.4

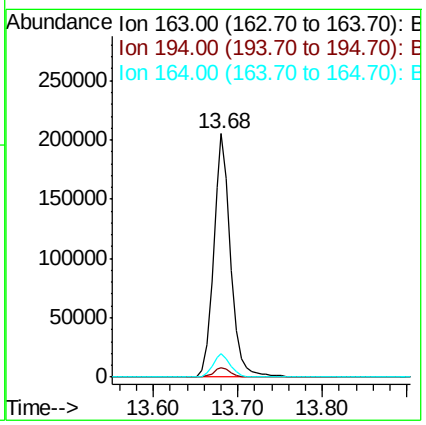


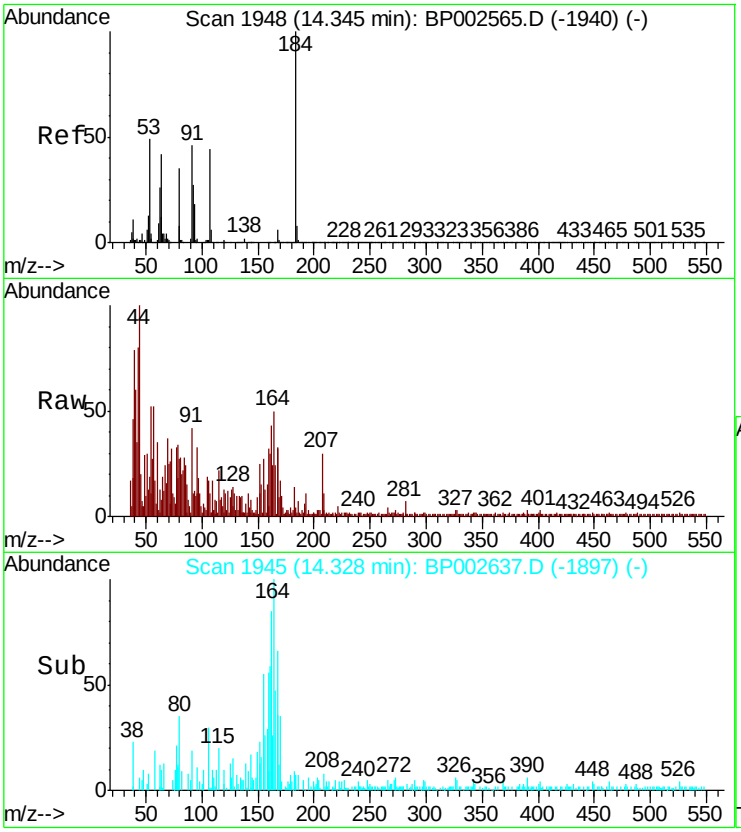


#50
Dimethylphthalate
Concen: 6.794 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

Tgt Ion:163 Resp: 290592

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	9.8	8.2	12.4



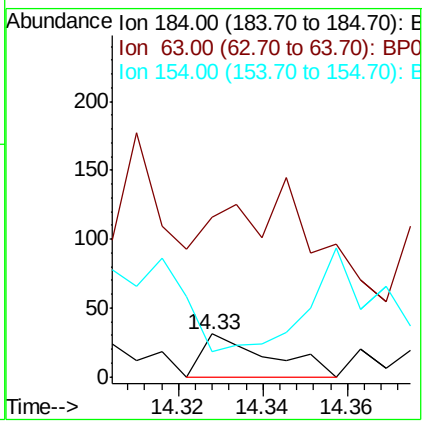


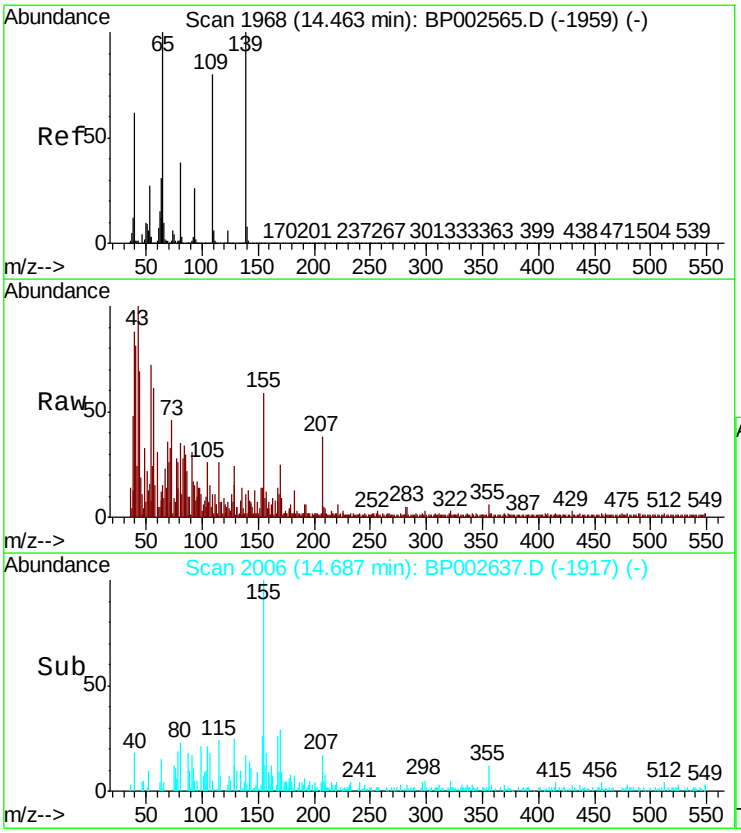
#54
2,4-Dinitrophenol
Concen: 6.014 ng
RT: 14.33 min Scan# 1945
Delta R.T. -0.02 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

Instrument :
BNA_P
ClientSampleId :
TP2-TS

Tgt Ion:184 Resp: 34

Ion	Ratio	Lower	Upper
184	100		
63	374.2	56.2	84.2#
154	58.1	50.9	76.3

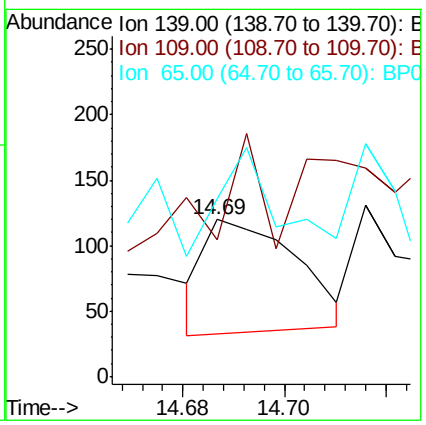


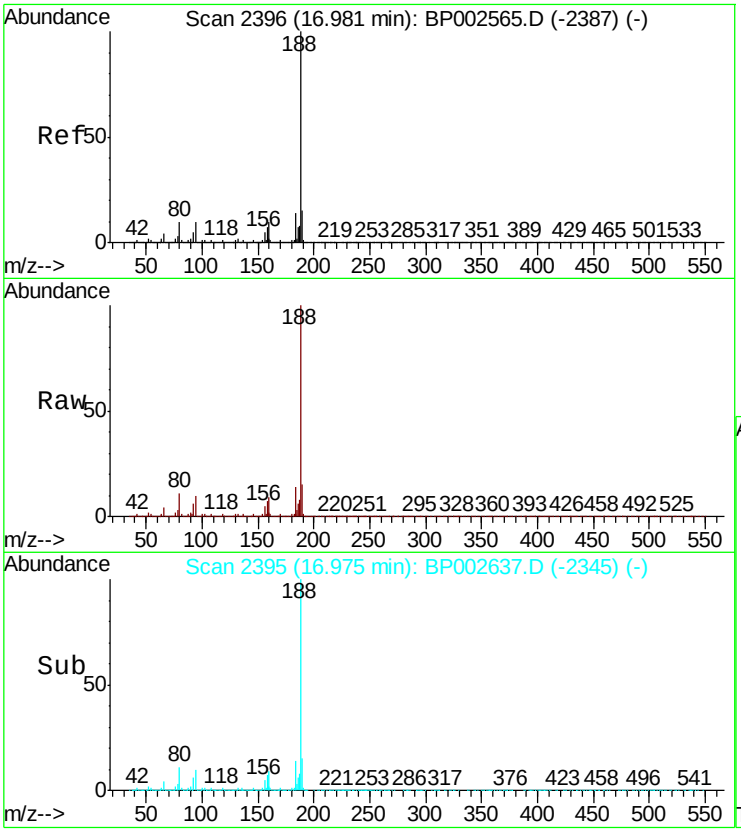


#56
4-Nitrophenol
Concen: 2.449 ng
RT: 14.69 min Scan# 2006
Delta R.T. 0.22 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

Tgt Ion:139 Resp: 108

Ion	Ratio	Lower	Upper
139	100		
109	87.5	60.1	100.1
65	113.3	80.3	120.3



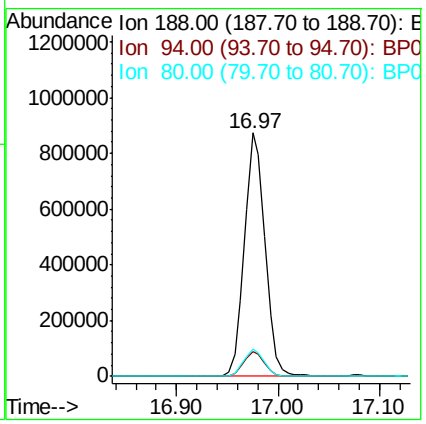


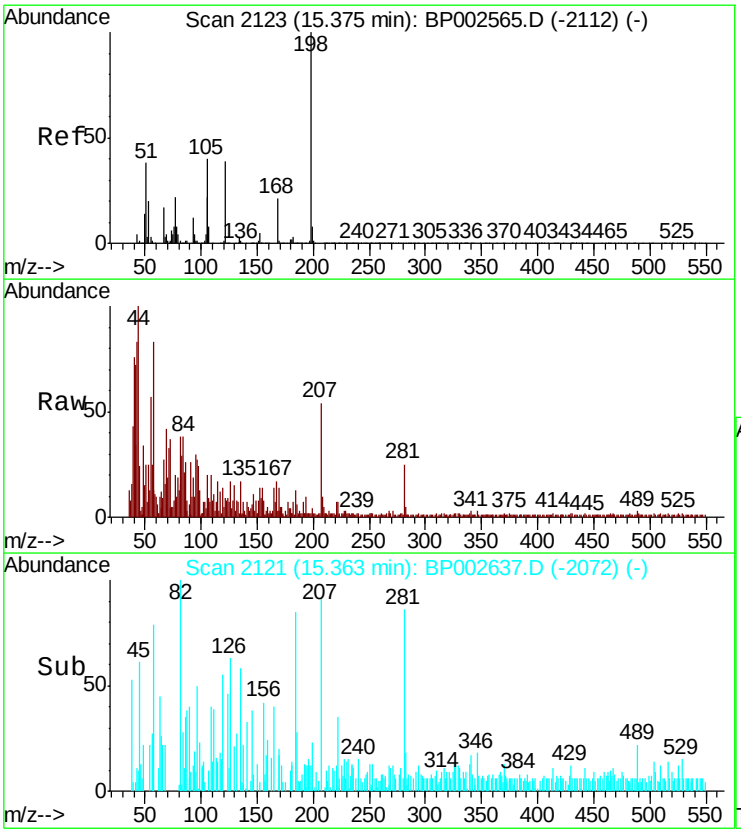
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

Instrument :
BNA_P
ClientSampleId :
TP2-TS

Tgt Ion:188 Resp: 1229524

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.8	11.6
80	11.0	8.2	12.4

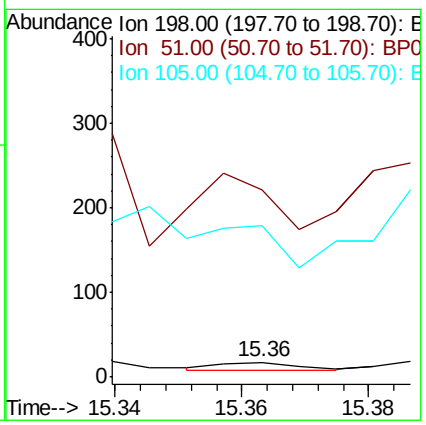


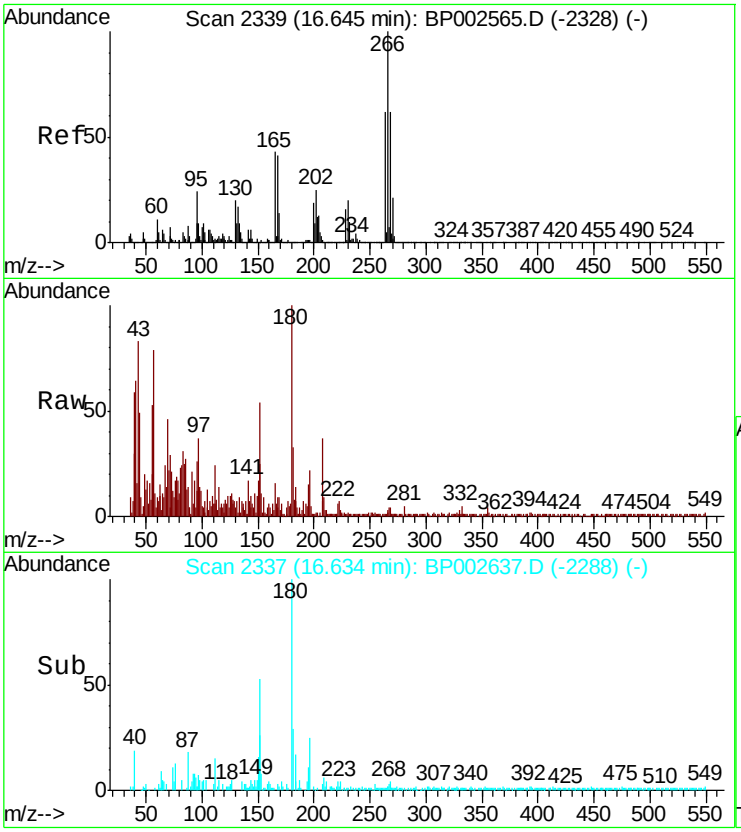


#65
4,6-Dinitro-2-methylphenol
Concen: 2.711 ng
RT: 15.36 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

Tgt Ion:198 Resp: 8

Ion	Ratio	Lower	Upper
198	100		
51	1305.9	24.2	64.2#
105	1052.9	20.7	60.7#



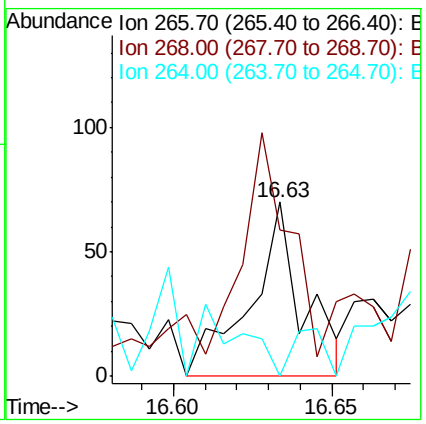


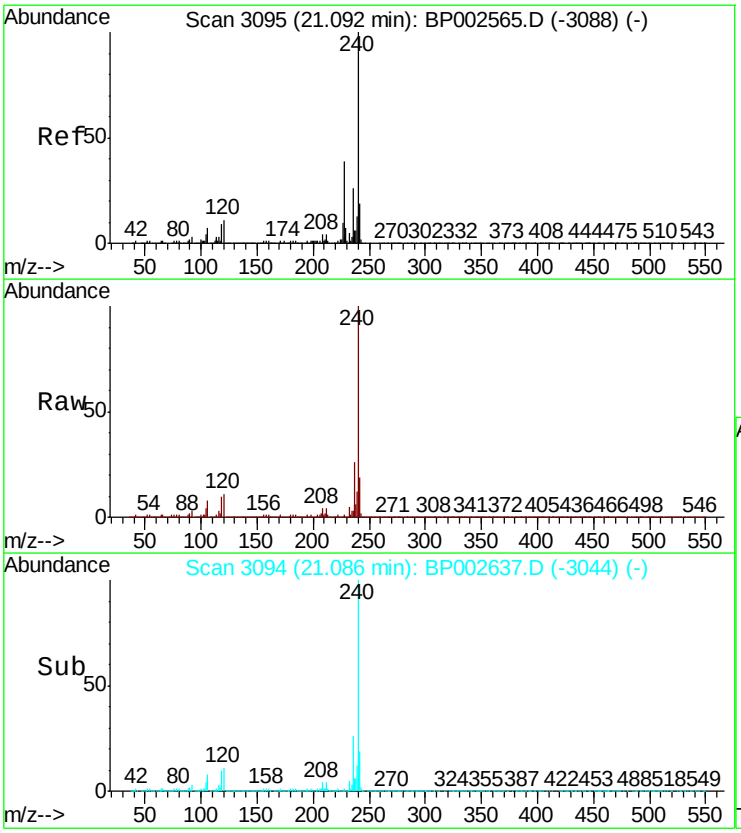
#70
Pentachlorophenol
Concen: 2.671 ng
RT: 16.63 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

Instrument :
BNA_P
ClientSampleId :
TP2-TS

Tgt Ion:266 Resp: 80

Ion	Ratio	Lower	Upper
266	100		
268	84.3	49.7	74.5#
264	12.9	49.3	73.9#

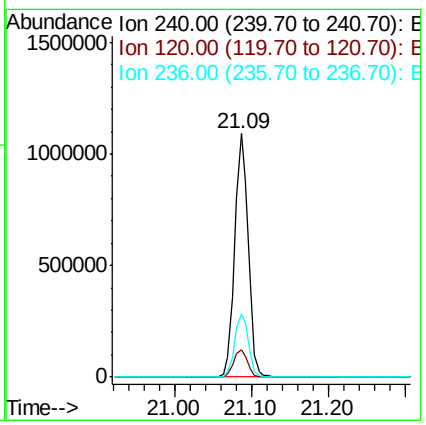


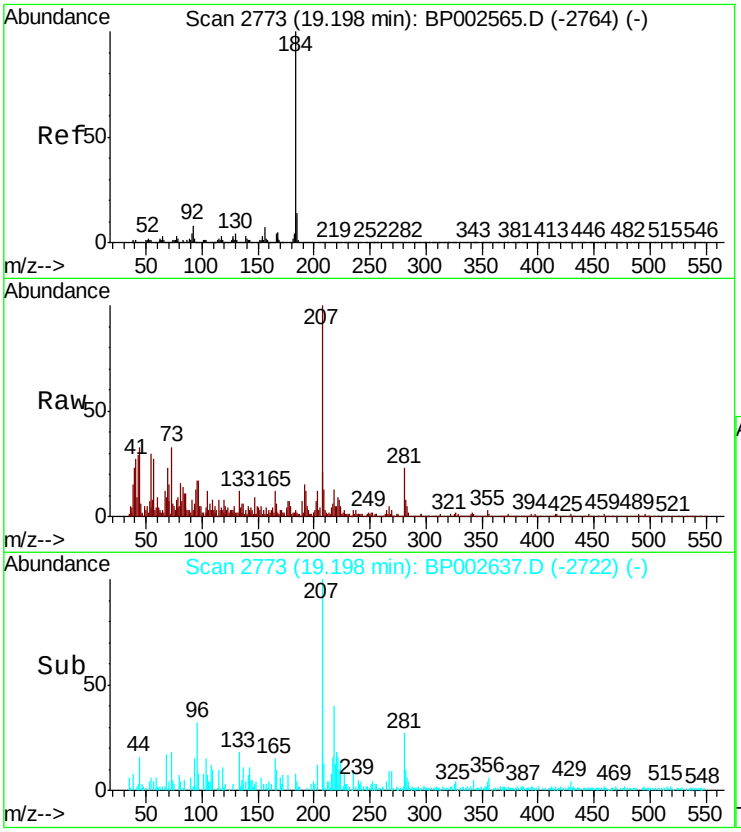


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

Tgt Ion:240 Resp: 1343726

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.6	13.0
236	26.1	20.8	31.2



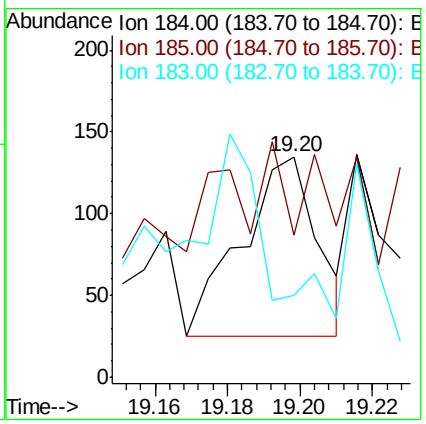


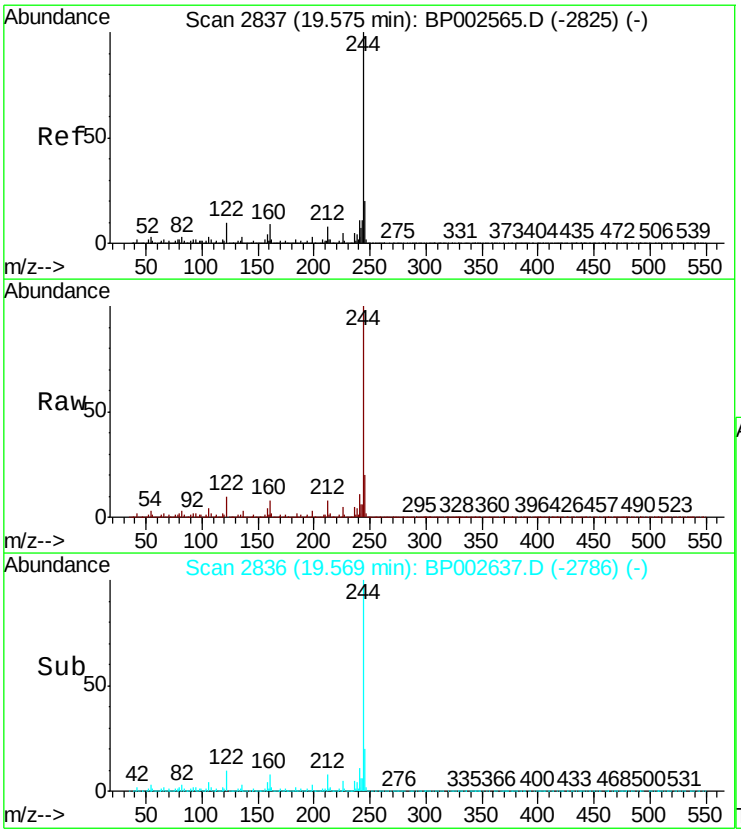
#77
Benzidine
Concen: 3.759 ng
RT: 19.20 min Scan# 2773
Delta R.T. 0.00 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

Instrument :
BNA_P
ClientSampleId :
TP2-TS

Tgt Ion:184 Resp: 160

Ion	Ratio	Lower	Upper
184	100		
185	64.4	11.4	17.2#
183	37.0	9.2	13.8#

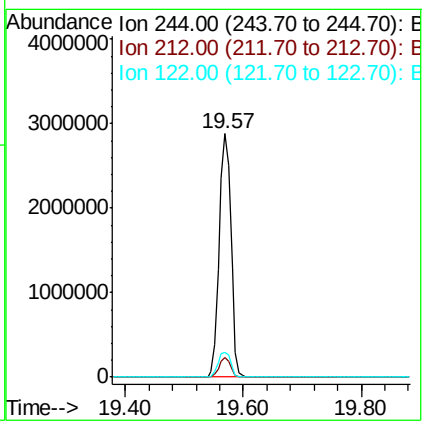


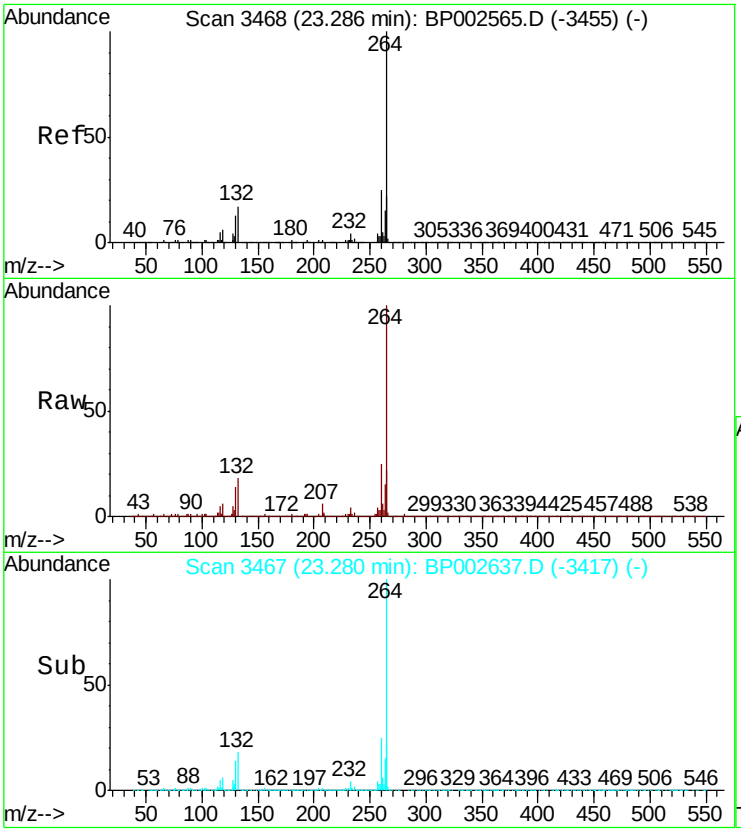


#79
Terphenyl-d14
Concen: 63.403 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BP002637.D
Acq: 02 Jul 2020 18:47

Tgt Ion:244 Resp: 3947051

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	10.4	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: BP002637.D
Acq: 02 Jul 2020 18:47

Instrument :
BNA_P
ClientSampleId :
TP2-TS

Tgt Ion:264 Resp: 1307763

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	21.9	17.6	26.4