Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002582.D
Acq On : 30 Jun 2020 19:10
Operator : CG/JU
Sample : L3153-40
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP2-K

Quant Time: Jul 01 04:12:20 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	7.58	152	72115	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	336959	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	244893	20.00	ng		0.00
64) Phenanthrene-d10	16.98	188	624376	20.00	ng		0.00
76) Chrysene-d12	21.09	240	775545	20.00	ng		0.00
86) Perylene-d12	23.28	264	884209	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	455491	106.94	ng		0.00
7) Phenol-d6	6.76	99	708832	119.23	ng		0.00
23) Nitrobenzene-d5	8.72	82	472679	72.28	ng		0.00
42) 2,4,6-Tribromophenol	15.72	330	371225	124.63	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	1161669	69.82	ng		0.00
79) Terphenyl-d14	19.57	244	2410184	67.08	ng		0.00
Target Compounds							Qvalue
27) 2,4-Dimethylphenol	9.65	122	10792	2.256	ng	#	3
32) Benzoic acid	9.65	122	10792	11.051	ng	#	86
41) Hexachlorocyclopentadiene	12.61	237	35	4.390	ng		94
50) Dimethylphthalate	13.68	163	245509	12.764	ng		100
54) 2,4-Dinitrophenol	14.32	184	50	6.027	ng	#	1
56) 4-Nitrophenol	14.62	139	70	2.455	ng		85
65) 4,6-Dinitro-2-methylphenol	15.62	198	1778	3.127	ng	#	77
70) Pentachlorophenol	16.76	266	12	2.664	ng		95
77) Benzidine	19.20	184	104	3.759	ng	#	1

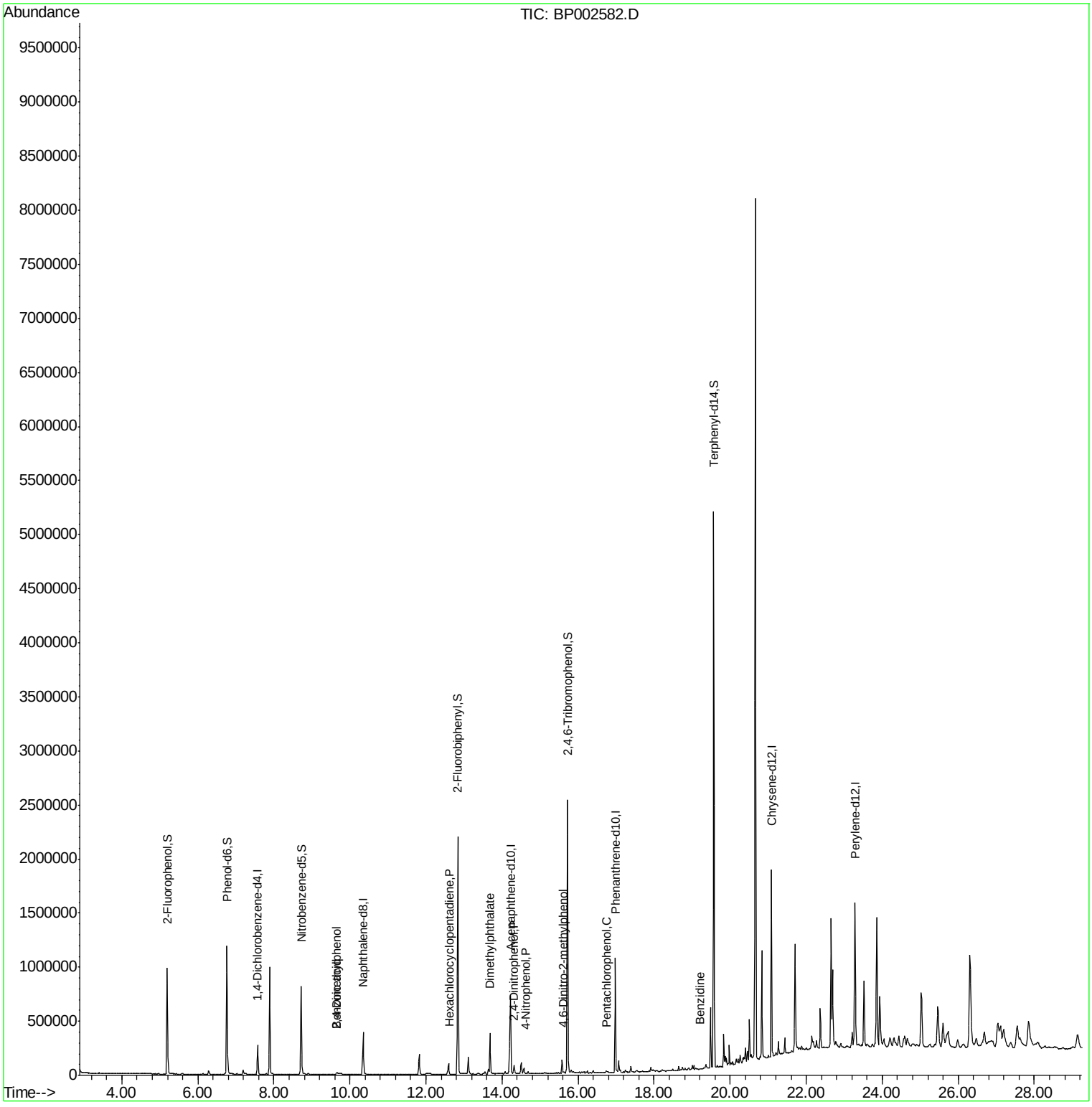
(#) = qualifier out of range (m) = manual integration (+) = signals summed

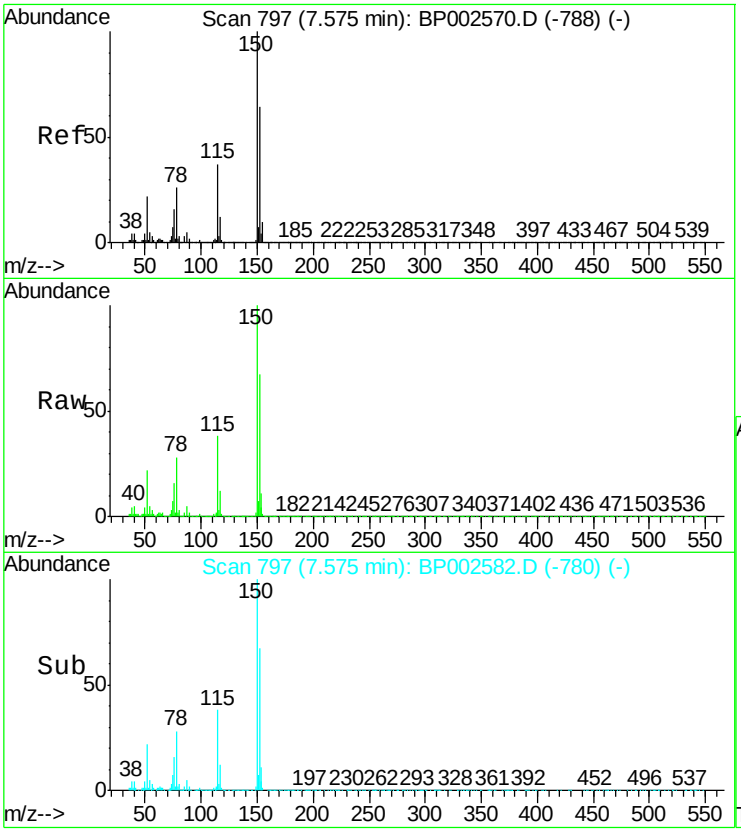
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002582.D
Acq On : 30 Jun 2020 19:10
Operator : CG/JU
Sample : L3153-40
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP2-K

Quant Time: Jul 01 04:12:20 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



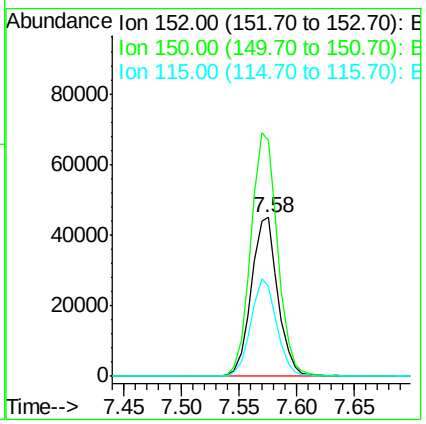


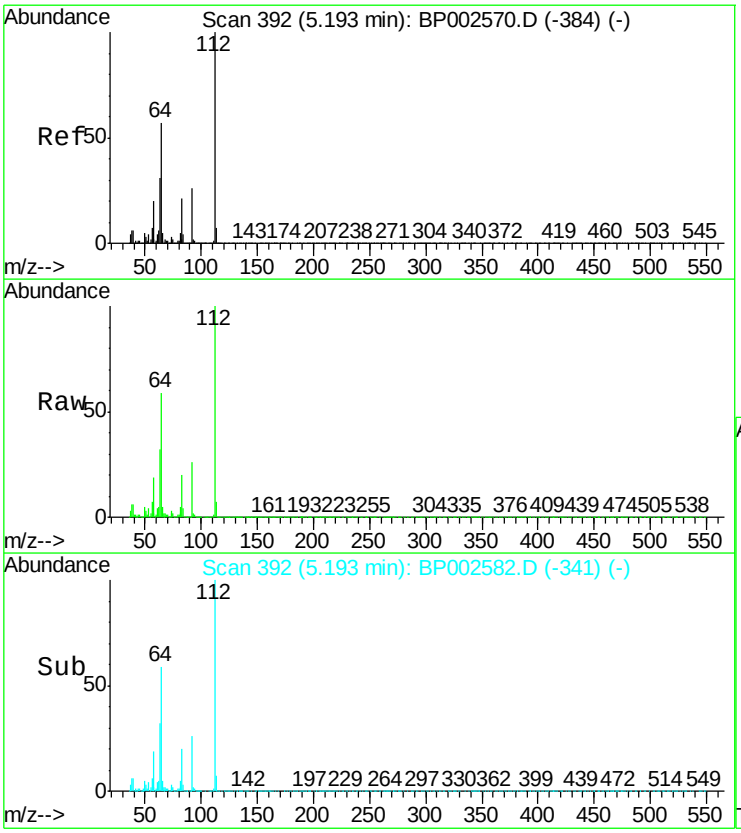
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 797
Delta R.T. -0.00 min
Lab File: BP002582.D
Acq: 30 Jun 2020 19:10

Instrument :
BNA_P
ClientSampleId :
SP2-K

Tgt Ion:152 Resp: 72115

Ion	Ratio	Lower	Upper
152	100		
150	148.6	124.2	186.2
115	56.4	47.1	70.7

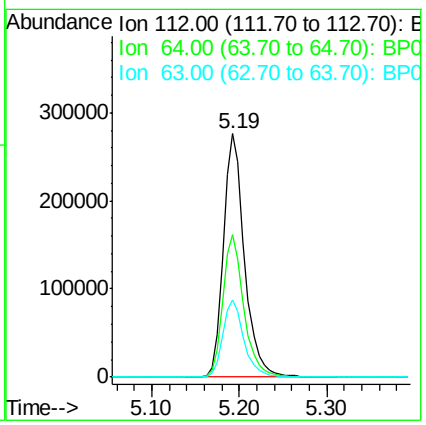


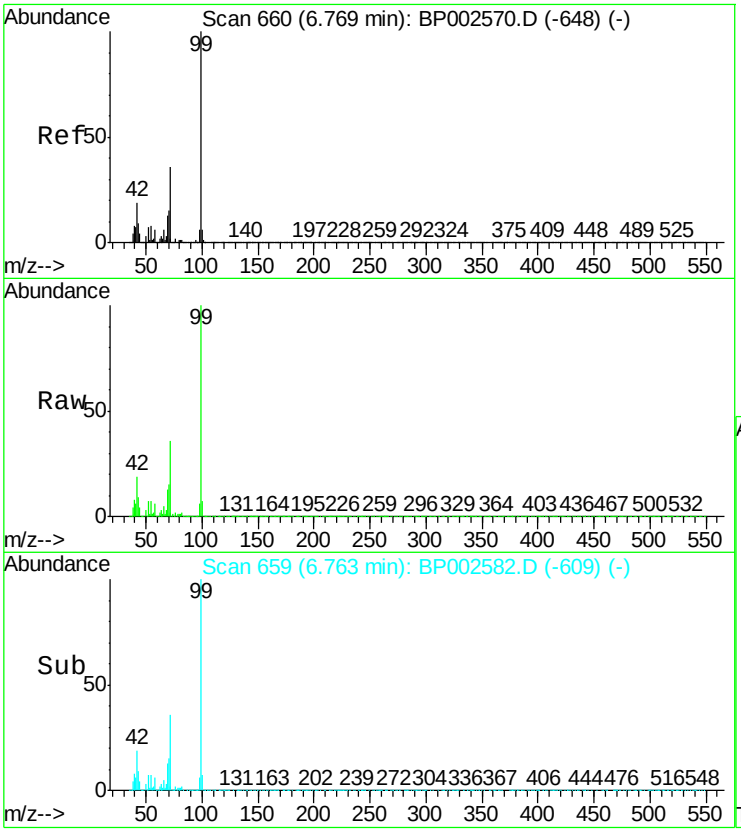


#5
2-Fluorophenol
Concen: 106.940 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002582.D
Acq: 30 Jun 2020 19:10

Tgt Ion:112 Resp: 455491

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.0	70.6
63	31.6	26.1	39.1



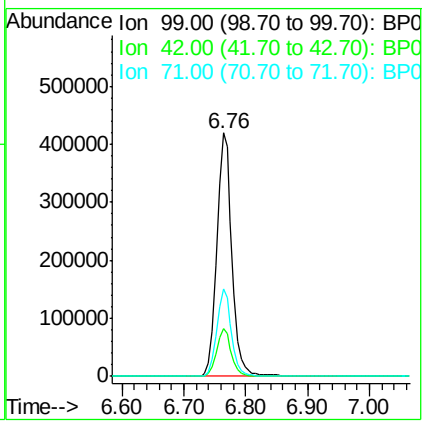


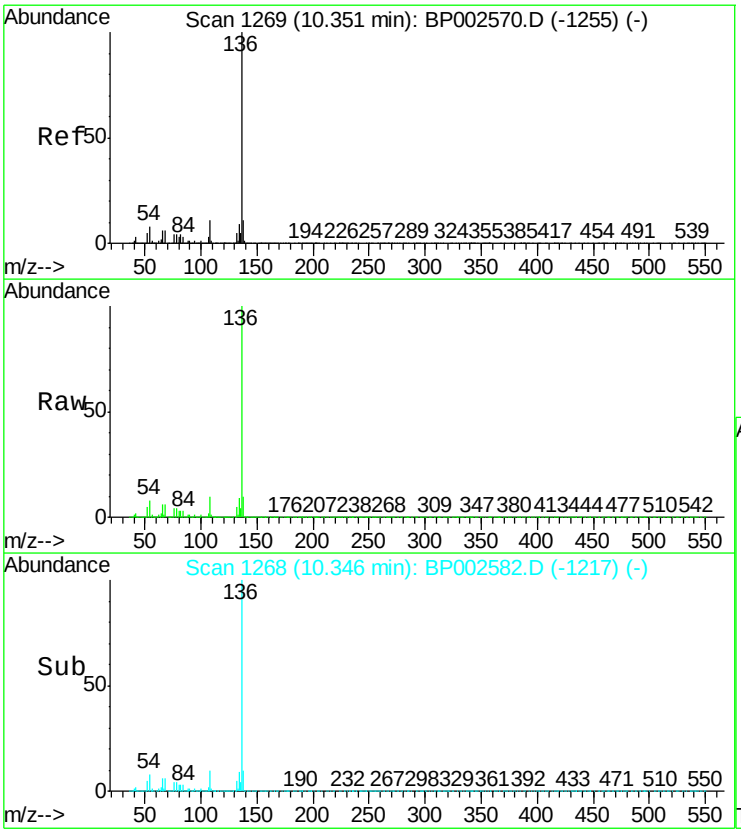
#7
Phenol-d6
Concen: 119.234 ng
RT: 6.76 min Scan# 659
Delta R.T. -0.01 min
Lab File: BP002582.D
Acq: 30 Jun 2020 19:10

Instrument :
BNA_P
ClientSampleId :
SP2-K

Tgt Ion: 99 Resp: 708832

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.5	23.3
71	35.9	28.9	43.3

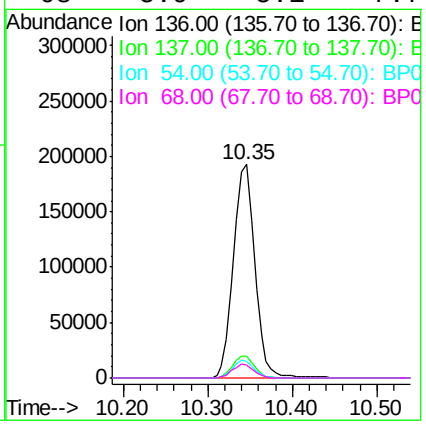


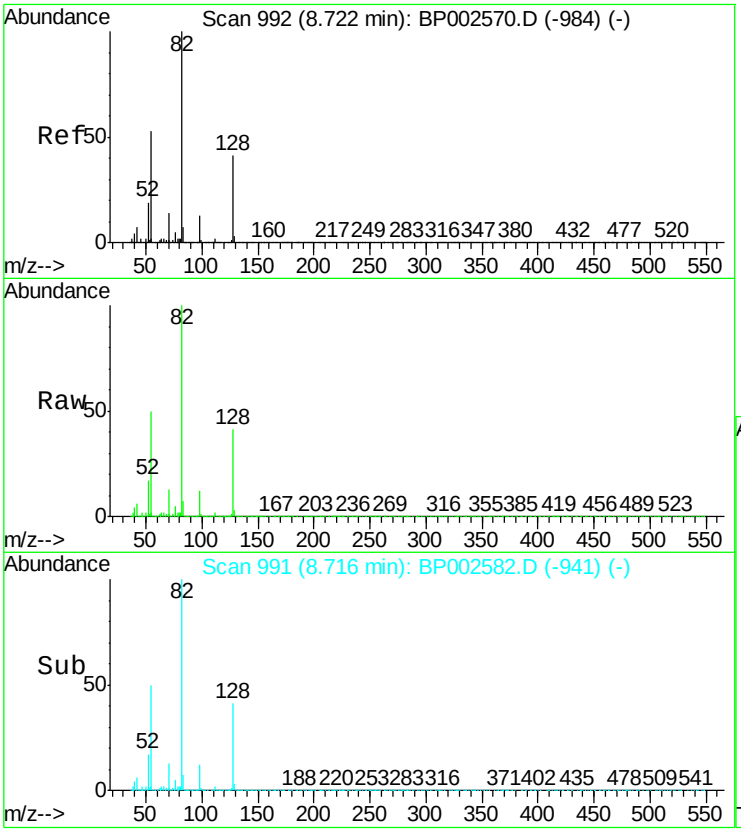


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BP002582.D
Acq: 30 Jun 2020 19:10

Tgt Ion:136 Resp: 336959

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	7.8	6.4	9.6
68	5.9	5.1	7.7



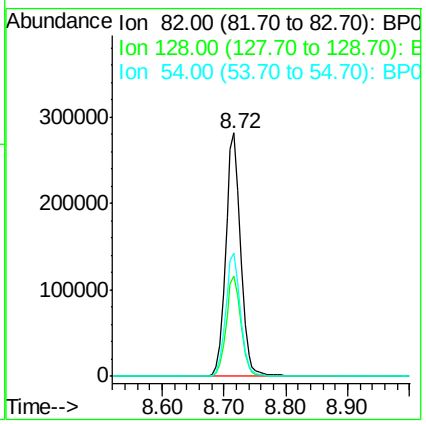


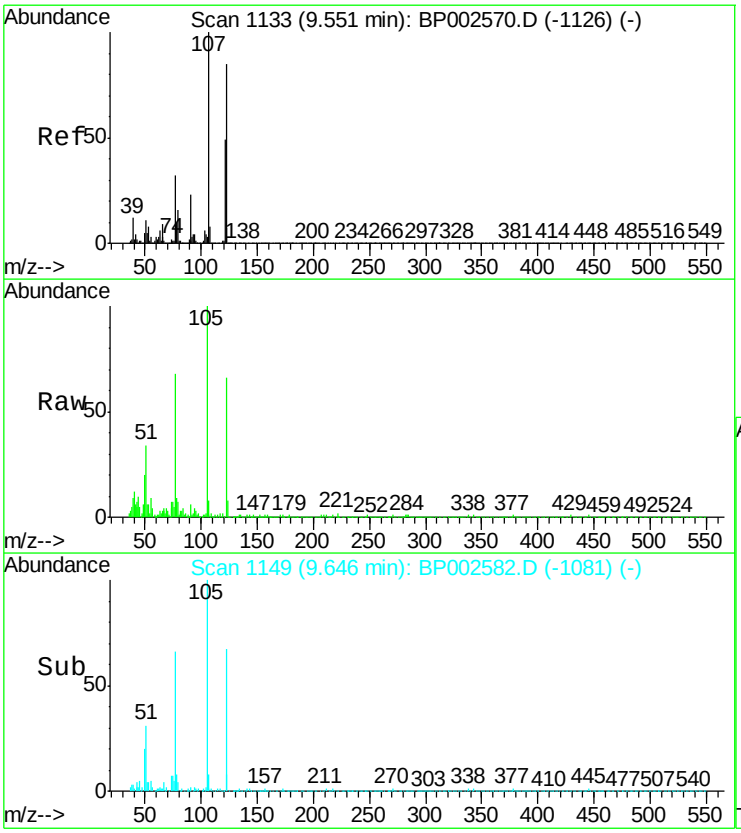
#23
Nitrobenzene-d5
Concen: 72.279 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002582.D
Acq: 30 Jun 2020 19:10

Instrument :
BNA_P
ClientSampleId :
SP2-K

Tgt Ion: 82 Resp: 472679

Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.4	50.2
54	50.5	40.1	60.1

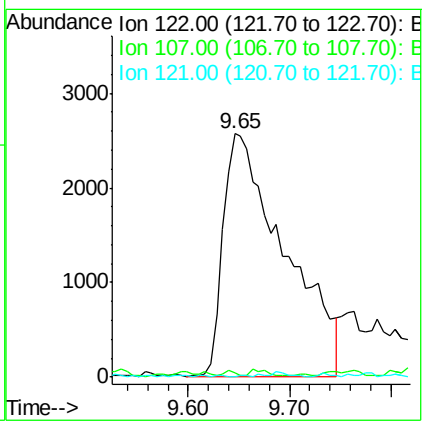


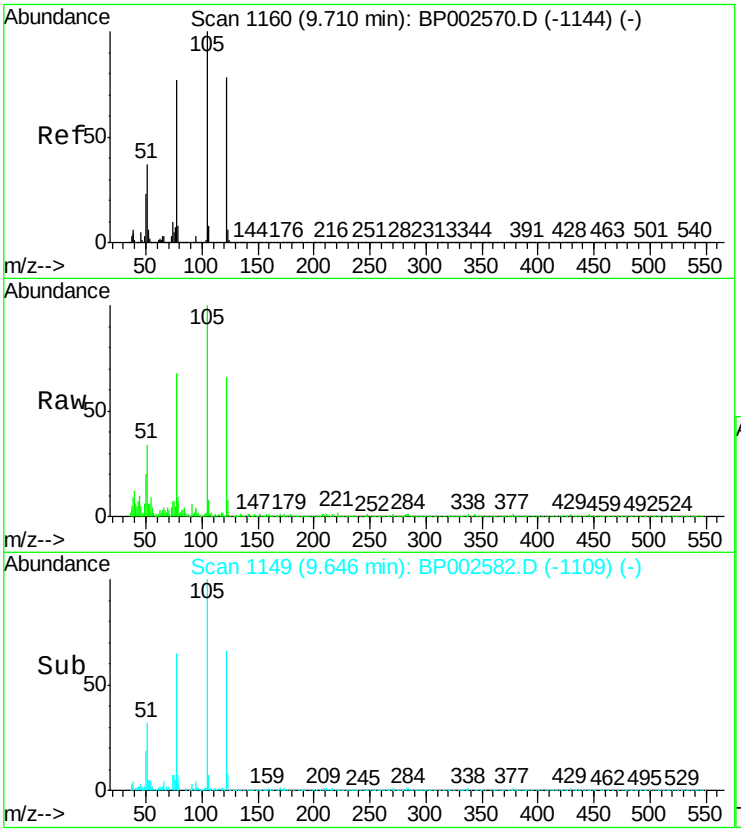


#27
2,4-Dimethylphenol
Concen: 2.256 ng
RT: 9.65 min Scan# 1149
Delta R.T. 0.10 min
Lab File: BP002582.D
Acq: 30 Jun 2020 19:10

Tgt Ion:122 Resp: 10792

Ion	Ratio	Lower	Upper
122	100		
107	1.7	95.9	143.9#
121	0.2	47.0	70.6#



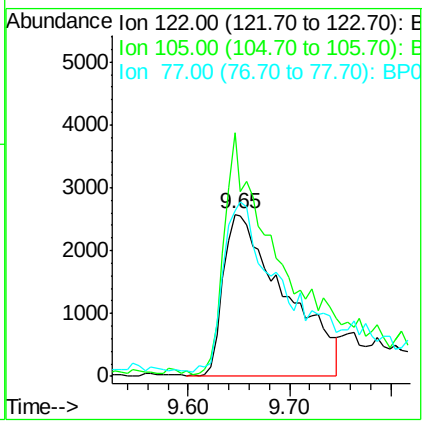


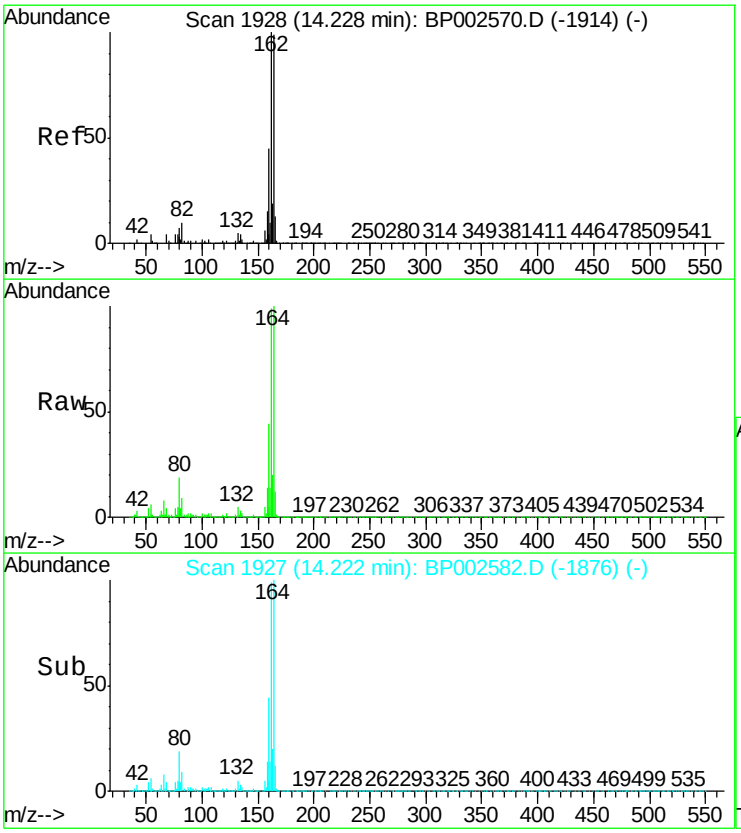
#32
Benzoic acid
Concen: 11.051 ng
RT: 9.65 min Scan# 1149
Delta R.T. -0.06 min
Lab File: BP002582.D
Acq: 30 Jun 2020 19:10

Instrument :
BNA_P
ClientSampleId :
SP2-K

Tgt Ion:122 Resp: 10792

Ion	Ratio	Lower	Upper
122	100		
105	150.5	106.6	146.6#
77	102.0	76.5	116.5

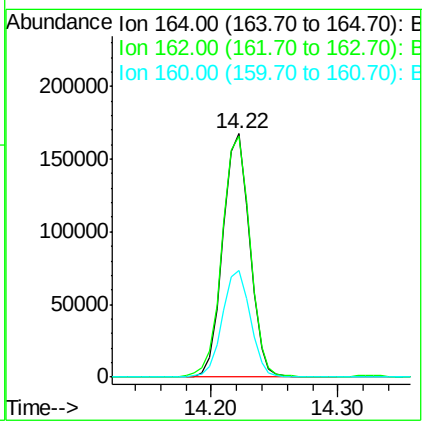


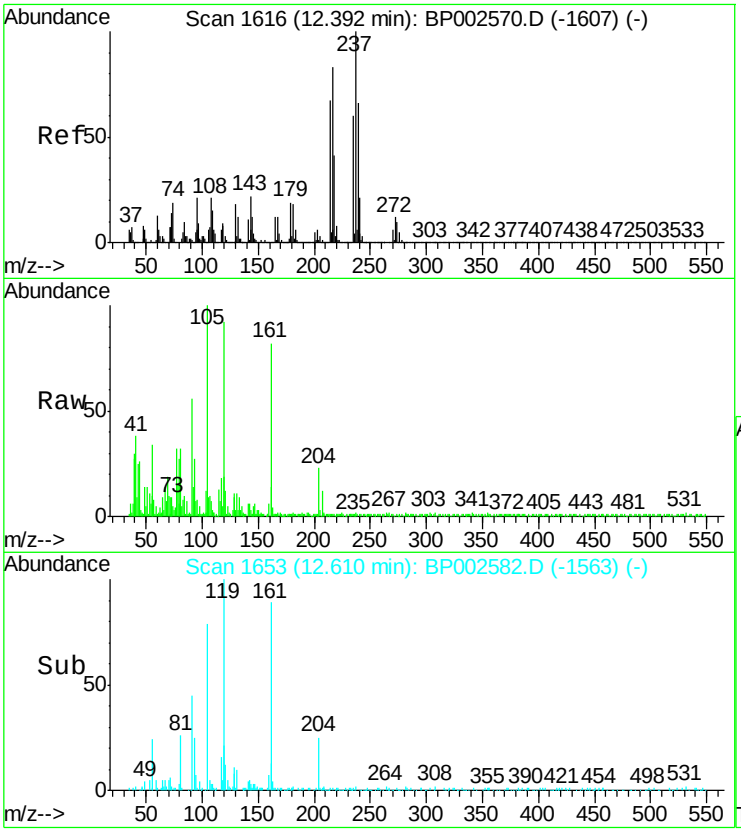


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BP002582.D
Acq: 30 Jun 2020 19:10

Tgt Ion:164 Resp: 244893

Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.3	120.5
160	43.7	35.0	52.6



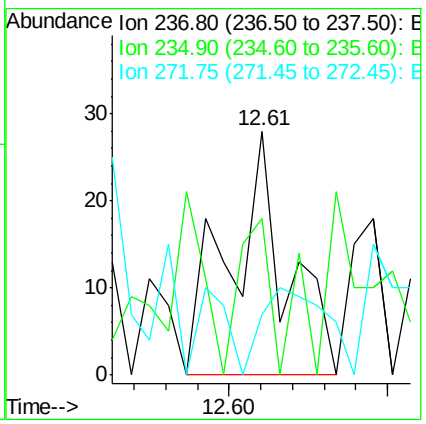


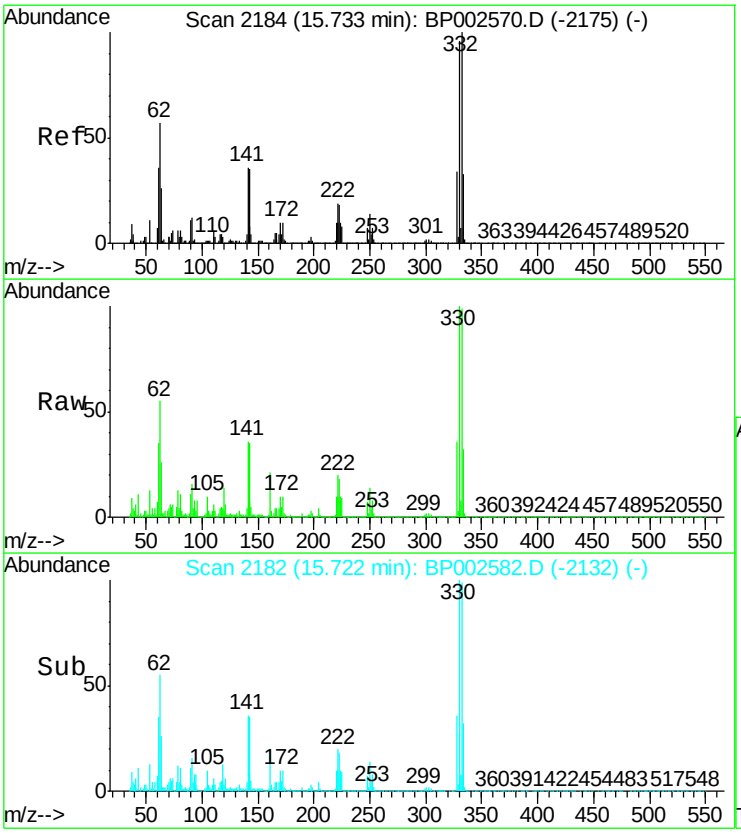
#41
Hexachlorocyclopentadiene
Concen: 4.390 ng
RT: 12.61 min Scan# 1653
Delta R.T. 0.23 min
Lab File: BP002582.D
Acq: 30 Jun 2020 19:10

Instrument :
BNA_P
ClientSampleId :
SP2-K

Tgt Ion:237 Resp: 35

Ion	Ratio	Lower	Upper
237	100		
235	64.3	45.4	85.4
272	25.0	0.0	32.6

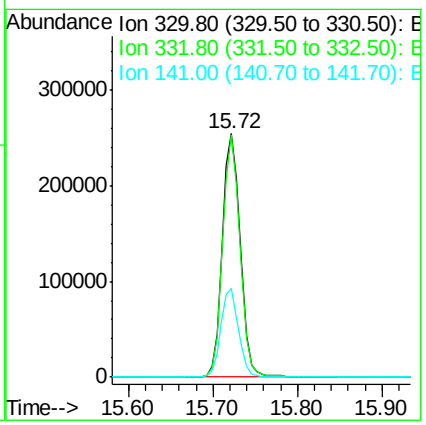


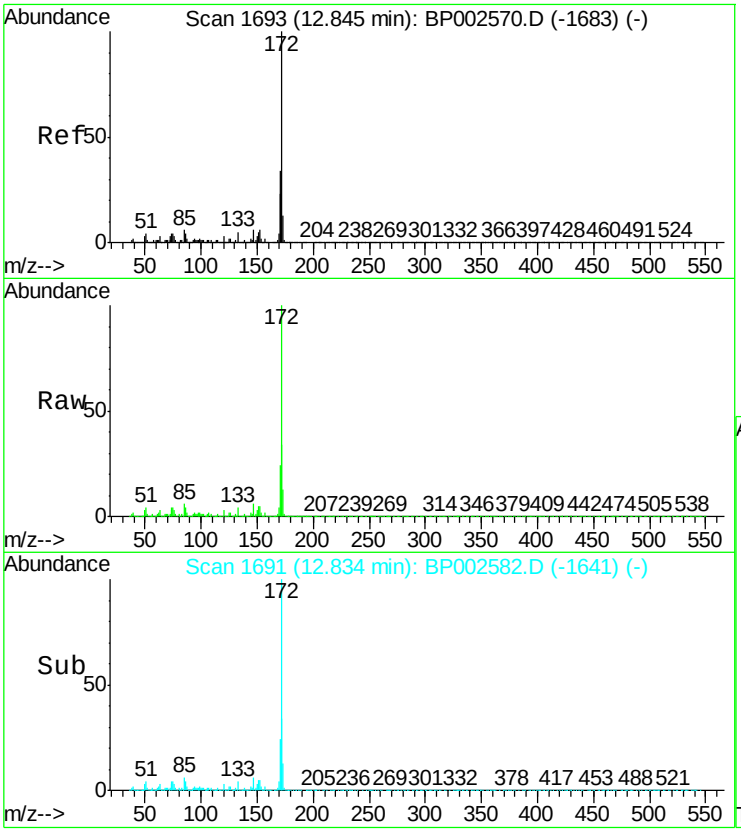


#42
2,4,6-Tribromophenol
Concen: 124.631 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002582.D
Acq: 30 Jun 2020 19:10

Tgt Ion:330 Resp: 371225

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.7	116.5
141	36.3	29.0	43.6



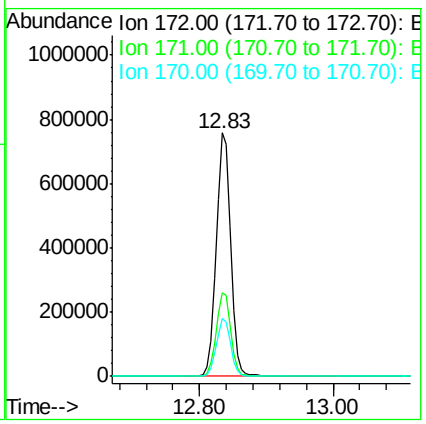


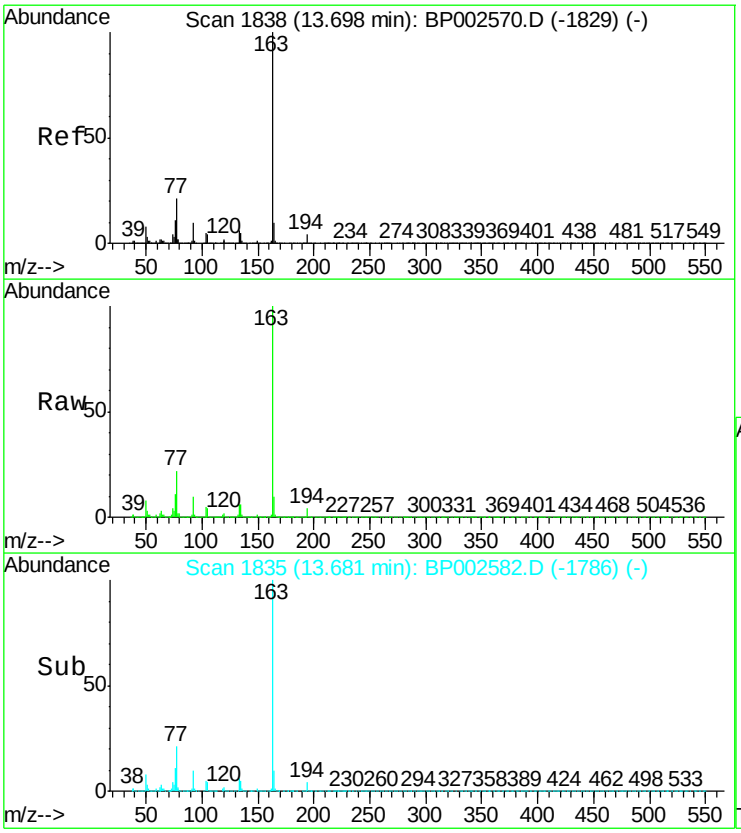
#45
2-Fluorobiphenyl
Concen: 69.818 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002582.D
Acq: 30 Jun 2020 19:10

Instrument :
BNA_P
ClientSampleId :
SP2-K

Tgt Ion:172 Resp: 1161669

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.0	42.0
170	23.7	19.0	28.4

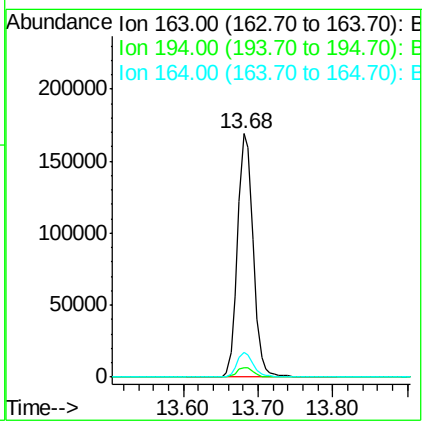


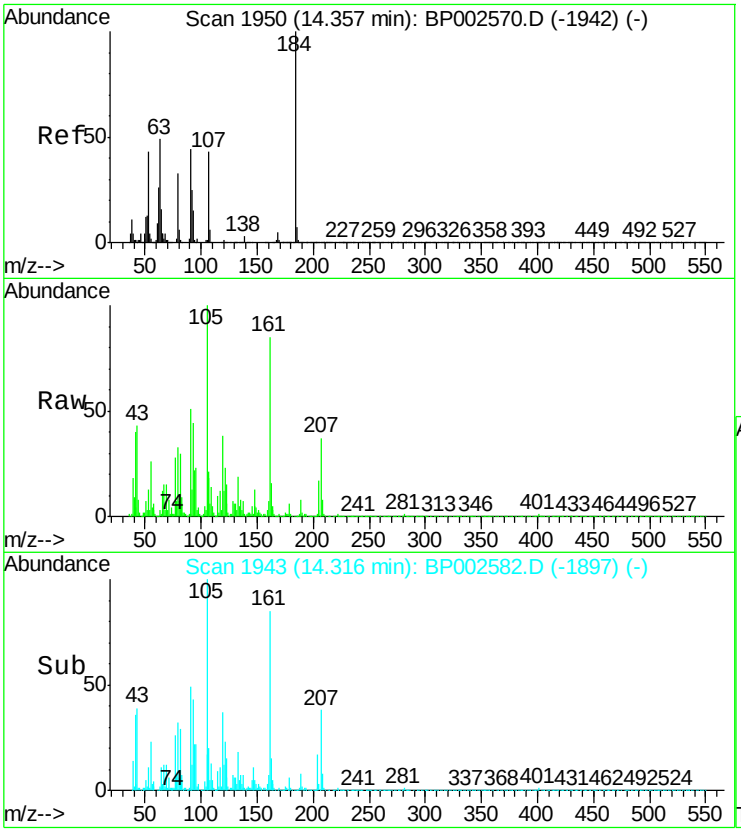


#50
Dimethylphthalate
Concen: 12.764 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP002582.D
Acq: 30 Jun 2020 19:10

Tgt Ion:163 Resp: 245509

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.3	8.2	12.4



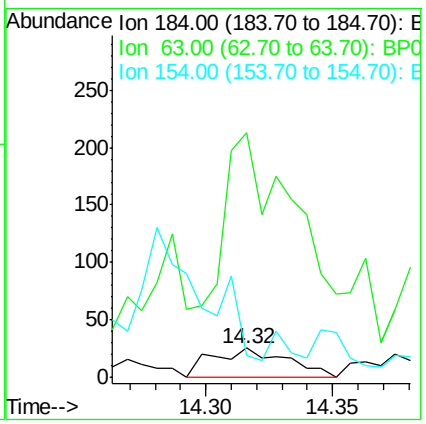


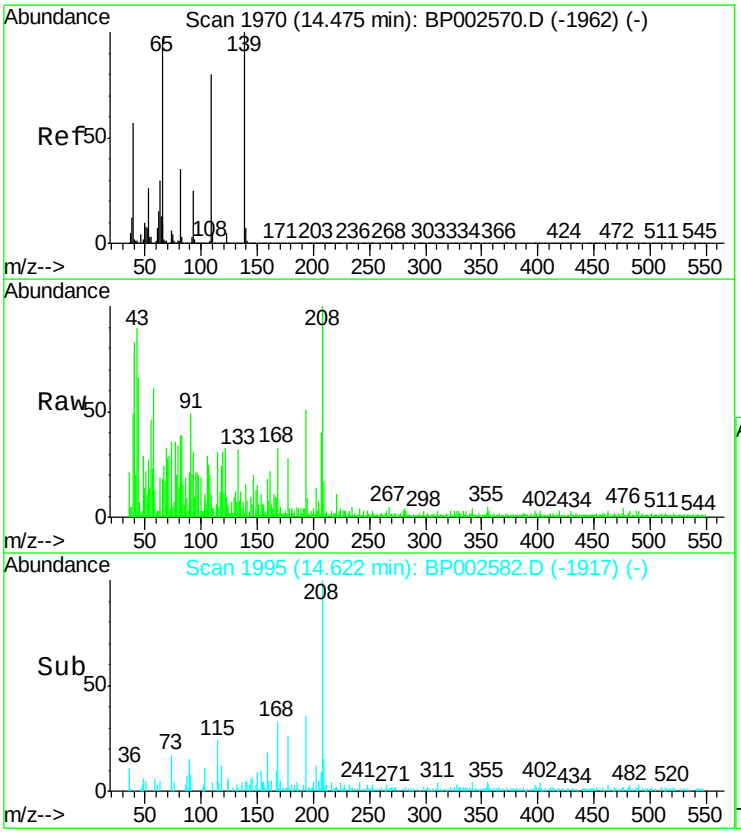
#54
2,4-Dinitrophenol
Concen: 6.027 ng
RT: 14.32 min Scan# 1943
Delta R.T. -0.03 min
Lab File: BP002582.D
Acq: 30 Jun 2020 19:10

Instrument :
BNA_P
ClientSampleId :
SP2-K

Tgt Ion:184 Resp: 50

Ion	Ratio	Lower	Upper
184	100		
63	852.0	56.2	84.2#
154	76.0	50.9	76.3

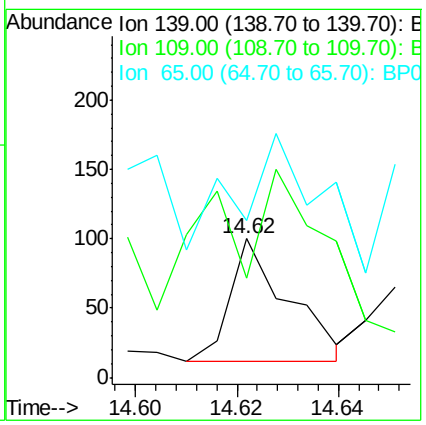


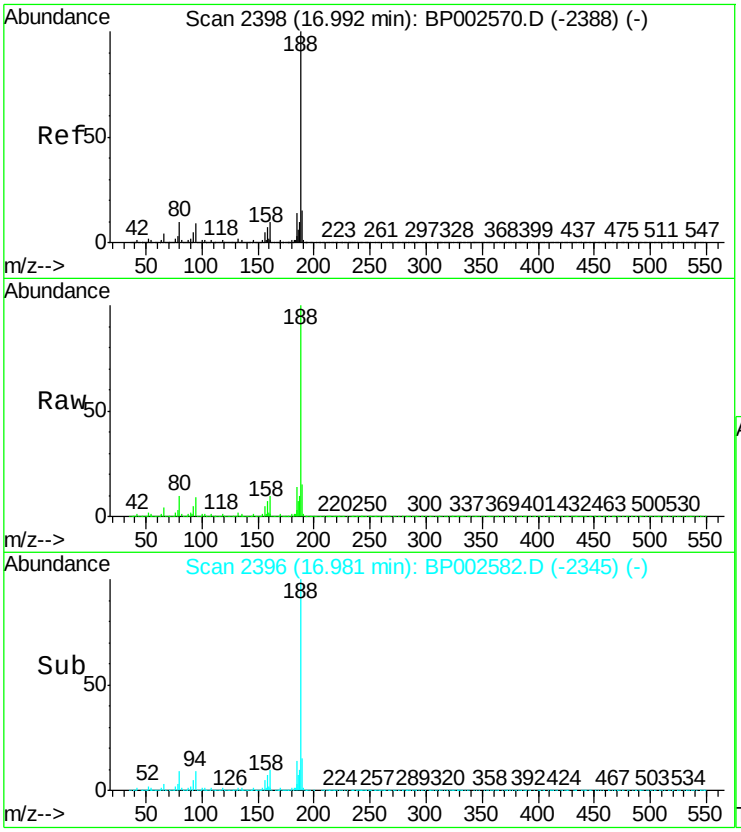


#56
4-Nitrophenol
Concen: 2.455 ng
RT: 14.62 min Scan# 1995
Delta R.T. 0.16 min
Lab File: BP002582.D
Acq: 30 Jun 2020 19:10

Tgt Ion:139 Resp: 70

Ion	Ratio	Lower	Upper
139	100		
109	95.0	60.1	100.1
65	113.0	80.3	120.3



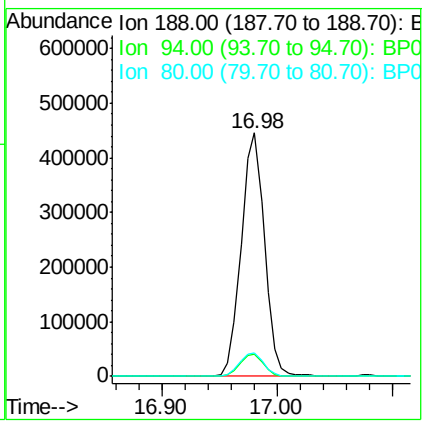


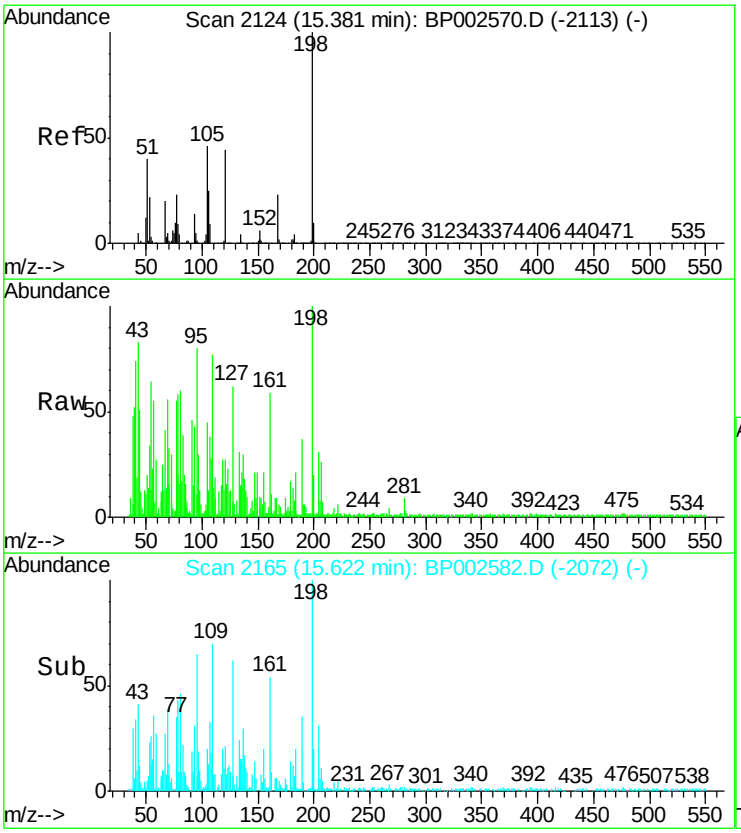
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BP002582.D
Acq: 30 Jun 2020 19:10

Instrument :
BNA_P
ClientSampleId :
SP2-K

Tgt Ion:188 Resp: 624376

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.8	11.6
80	9.5	8.2	12.4

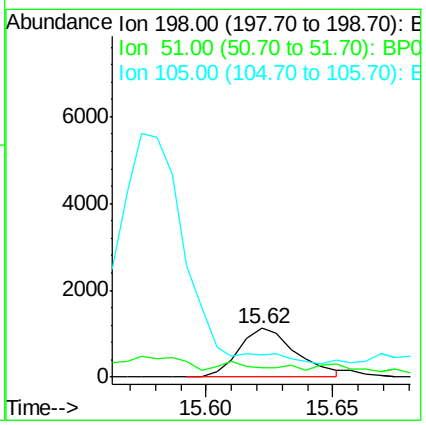


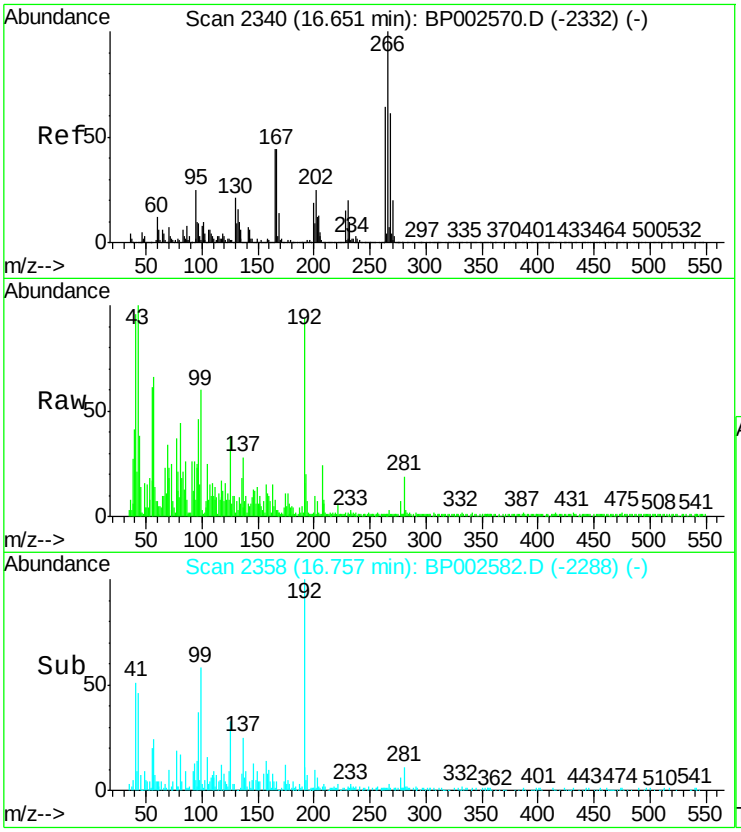


#65
4,6-Dinitro-2-methylphenol
Concen: 3.127 ng
RT: 15.62 min Scan# 2165
Delta R.T. 0.25 min
Lab File: BP002582.D
Acq: 30 Jun 2020 19:10

Tgt Ion:198 Resp: 1778

Ion	Ratio	Lower	Upper
198	100		
51	20.0	24.2	64.2#
105	45.3	20.7	60.7



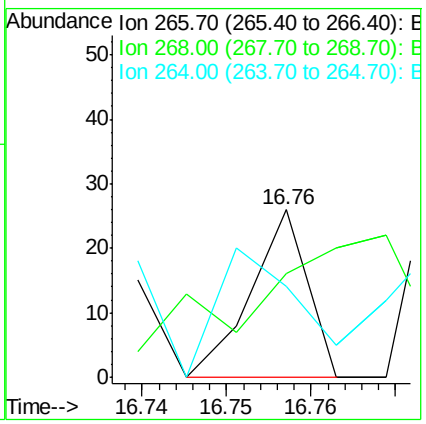


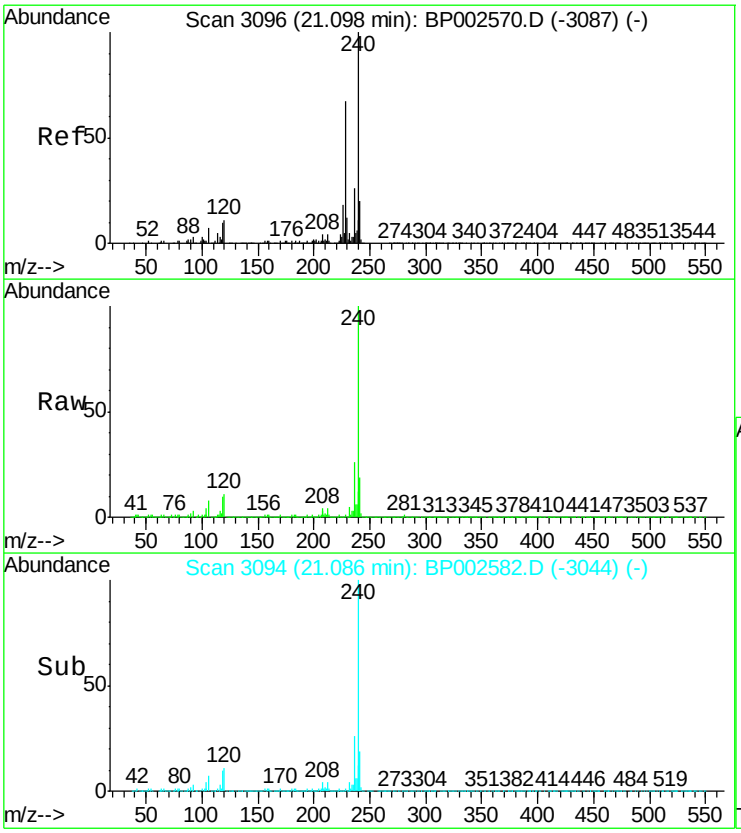
#70
Pentachlorophenol
Concen: 2.664 ng
RT: 16.76 min Scan# 2358
Delta R.T. 0.11 min
Lab File: BP002582.D
Acq: 30 Jun 2020 19:10

Instrument :
BNA_P
ClientSampleId :
SP2-K

Tgt Ion:266 Resp: 12

Ion	Ratio	Lower	Upper
266	100		
268	61.5	49.7	74.5
264	53.8	49.3	73.9

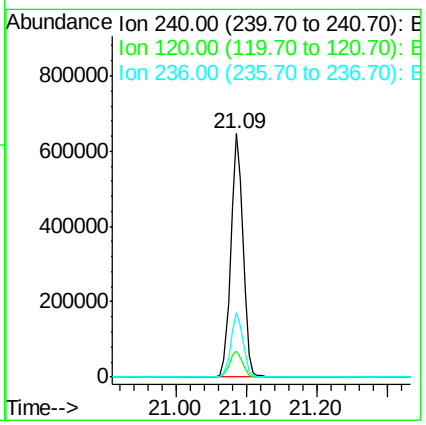


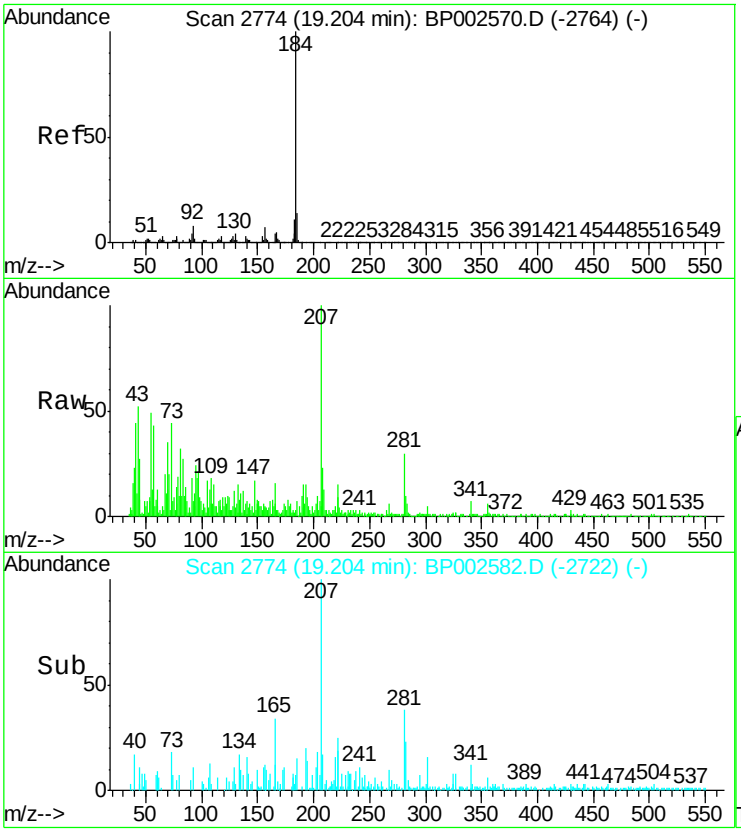


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002582.D
Acq: 30 Jun 2020 19:10

Tgt Ion:240 Resp: 775545

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.6	13.0
236	26.4	20.8	31.2



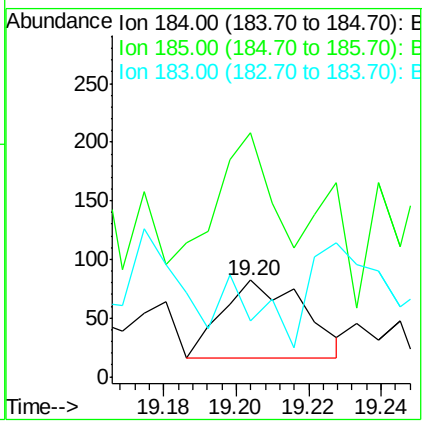


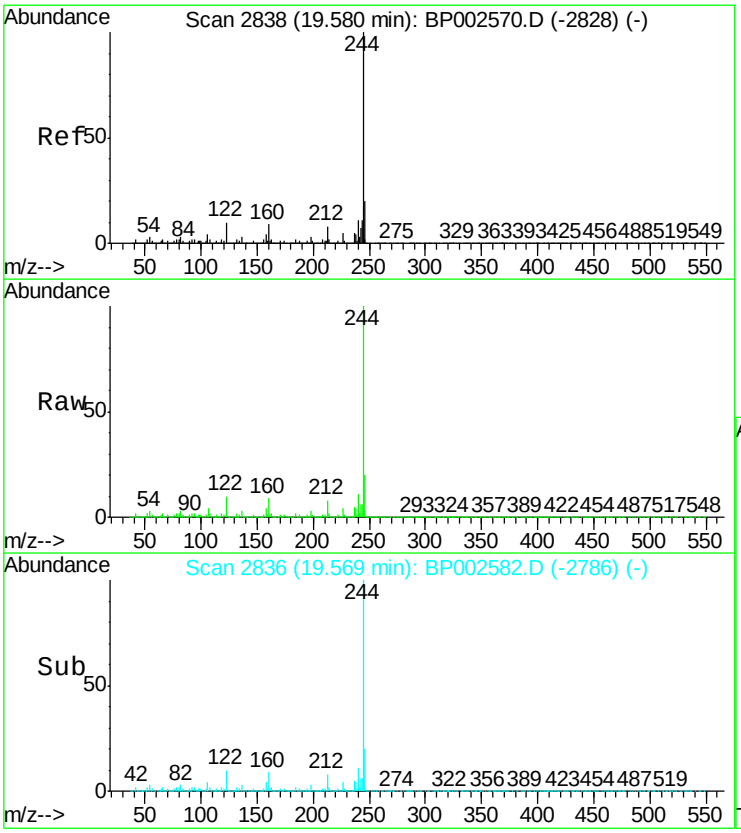
#77
Benzidine
Concen: 3.759 ng
RT: 19.20 min Scan# 2774
Delta R.T. 0.01 min
Lab File: BP002582.D
Acq: 30 Jun 2020 19:10

Instrument :
BNA_P
ClientSampleId :
SP2-K

Tgt Ion:184 Resp: 104

Ion	Ratio	Lower	Upper
184	100		
185	253.7	11.4	17.2#
183	58.5	9.2	13.8#

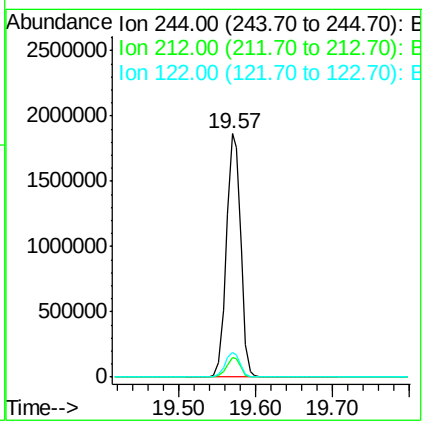


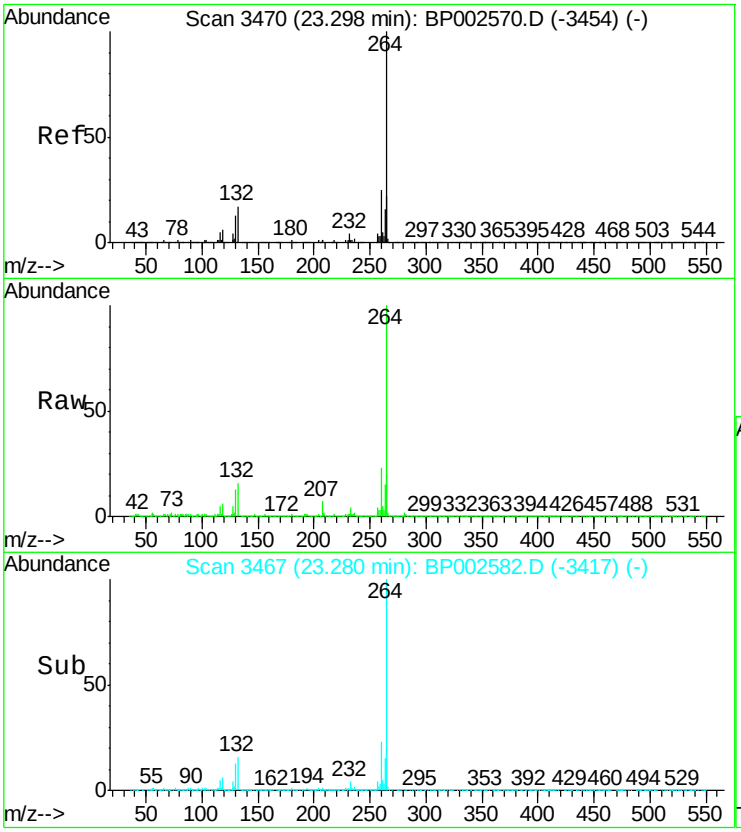


#79
Terphenyl-d14
Concen: 67.080 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BP002582.D
Acq: 30 Jun 2020 19:10

Tgt Ion:244 Resp: 2410184

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: BP002582.D
Acq: 30 Jun 2020 19:10

Instrument :
BNA_P
ClientSampleId :
SP2-K

Tgt Ion:264 Resp: 884209

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.7	29.5
265	20.2	17.6	26.4