Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070620\
Data File : BP002642.D
Acq On : 06 Jul 2020 11:20
Operator : CG/JU
Sample : PB129899BL
Misc : PBBL01-MDL-SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 06 14:18:04 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	265857	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	991559	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	569194	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1167693	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1260701	20.00	ng	0.00
86) Perylene-d12	23.29	264	1481226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1842897	117.37	ng	0.00
7) Phenol-d6	6.76	99	2357739	107.58	ng	0.00
23) Nitrobenzene-d5	8.72	82	1536570	79.85	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	842531	121.70	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	3112800	80.49	ng	0.00
79) Terphenyl-d14	19.57	244	4369906	74.82	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.71	77	305	Below Cal	#	36
32) Benzoic acid	9.72	122	37	8.702	ng	# 1
41) Hexachlorocyclopentadiene	12.14	237	23	4.384	ng	75
54) 2,4-Dinitrophenol	14.34	184	28	6.013	ng	# 1
56) 4-Nitrophenol	14.46	139	19	2.438	ng	# 12
65) 4,6-Dinitro-2-methylphenol	15.37	198	47	2.716	ng	# 1
70) Pentachlorophenol	16.63	266	36	2.666	ng	# 46
77) Benzidine	19.22	184	619	3.767	ng	# 31

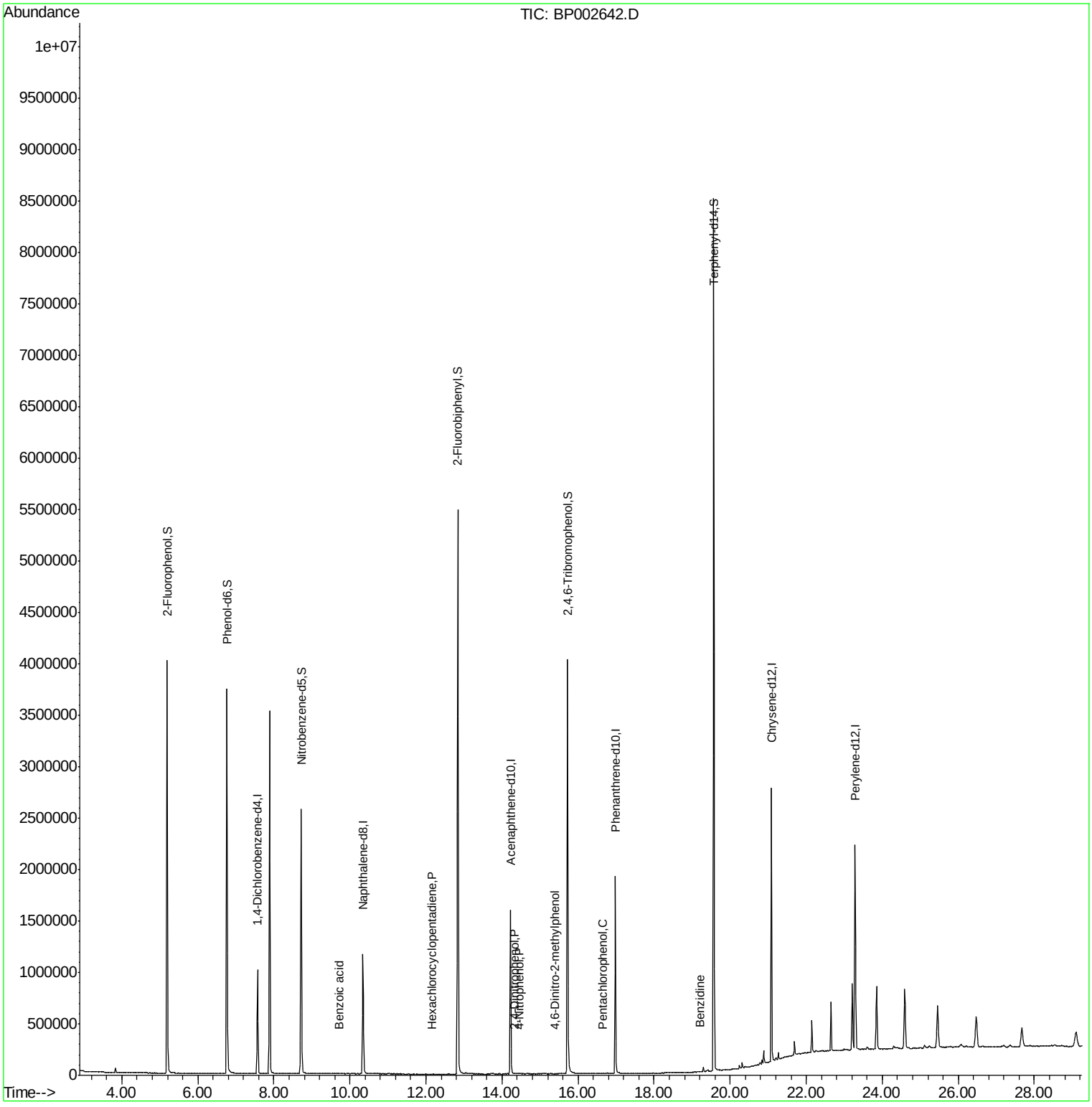
(#) = qualifier out of range (m) = manual integration (+) = signals summed

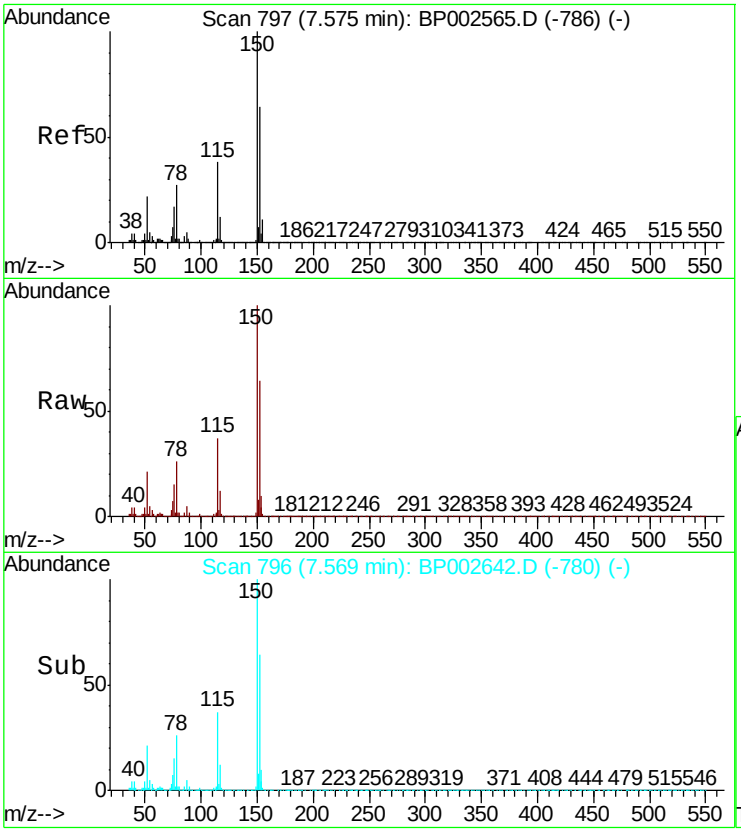
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070620\
Data File : BP002642.D
Acq On : 06 Jul 2020 11:20
Operator : CG/JU
Sample : PB129899BL
Misc : PBBL01-MDL-SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 06 14:18:04 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



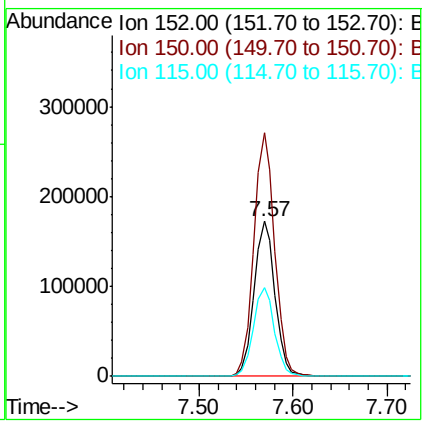


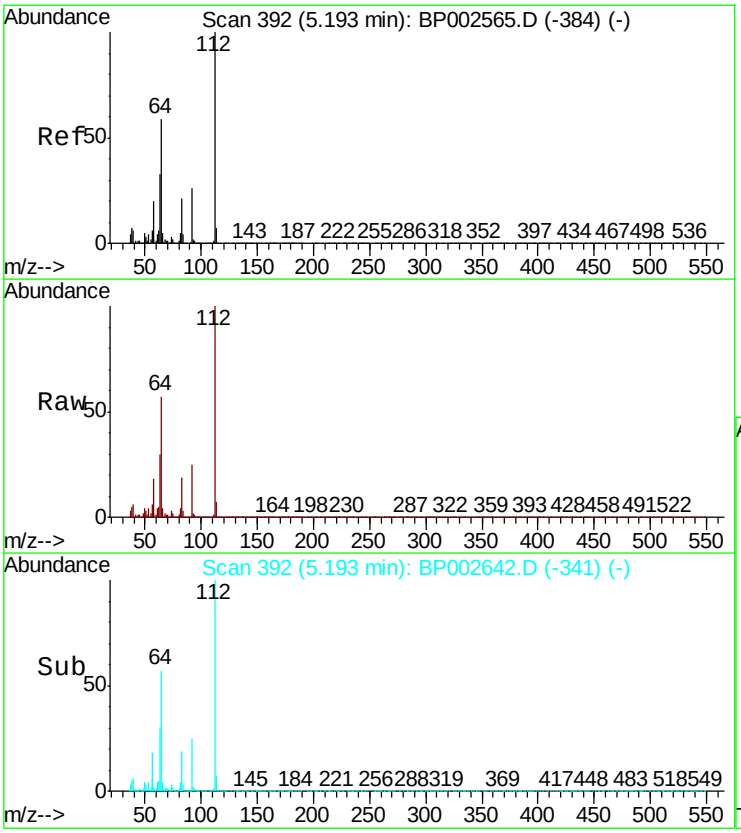
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 265857

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.2	186.2
115	57.8	47.1	70.7

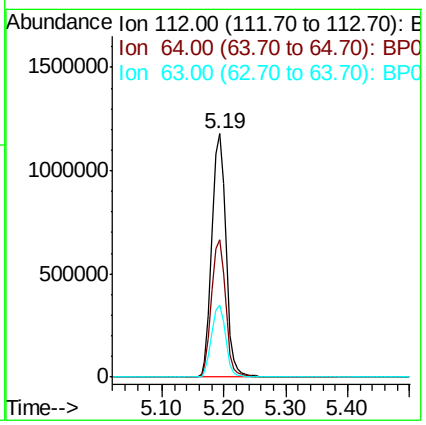


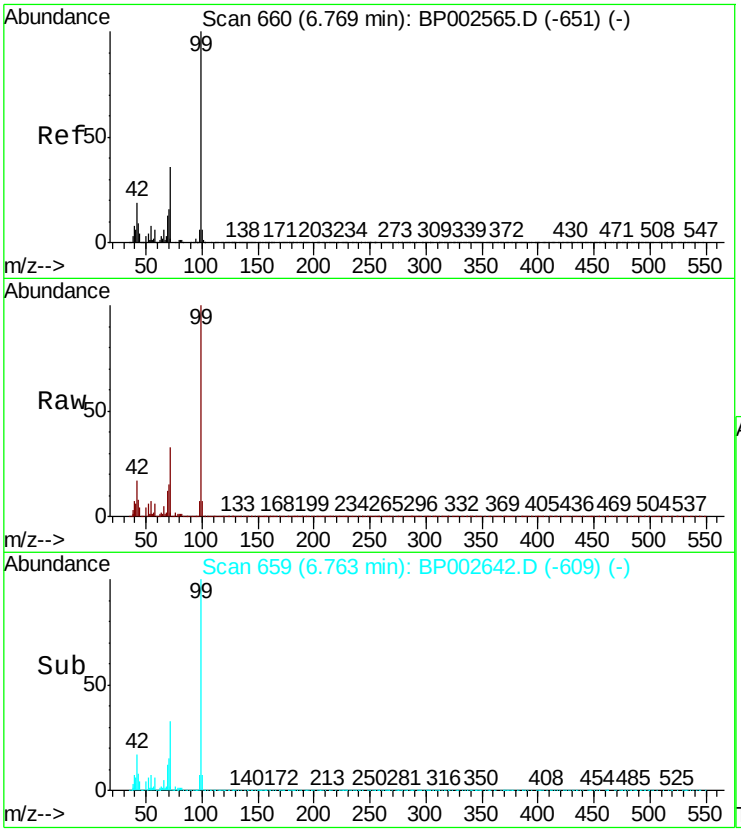


#5
2-Fluorophenol
Concen: 117.365 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

Tgt Ion:112 Resp: 1842897

Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.0	70.6
63	29.6	26.1	39.1



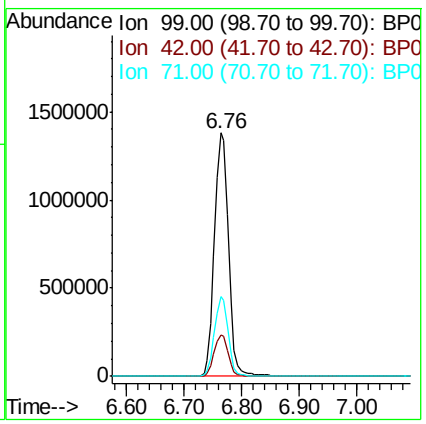


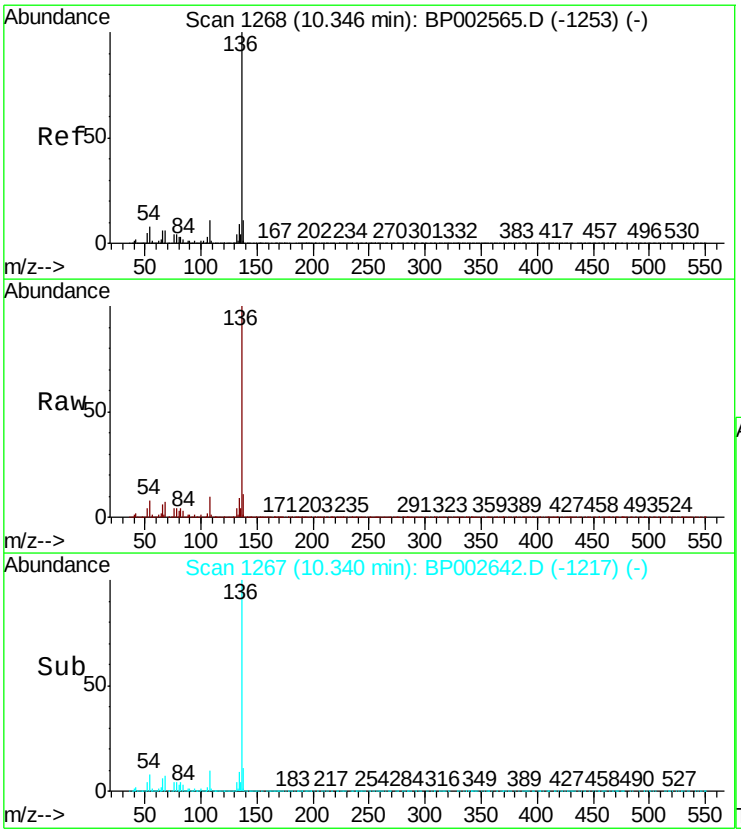
#7
Phenol-d6
Concen: 107.579 ng
RT: 6.76 min Scan# 659
Delta R.T. -0.01 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2357739

Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.5	23.3
71	32.7	28.9	43.3

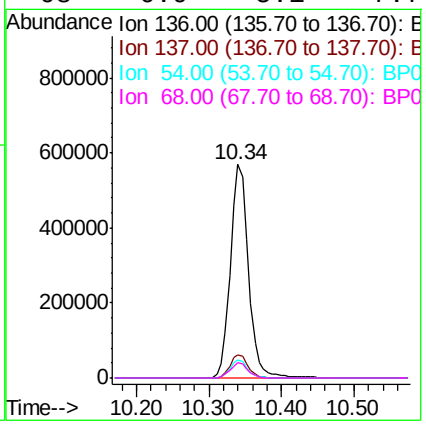


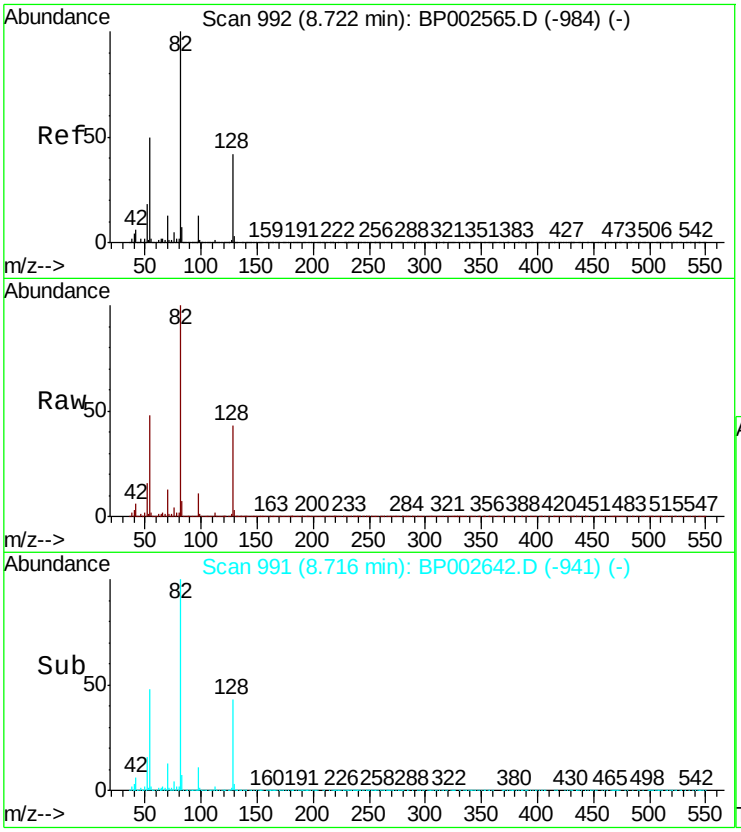


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

Tgt Ion:136 Resp: 991559

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.4	6.4	9.6
68	6.9	5.1	7.7



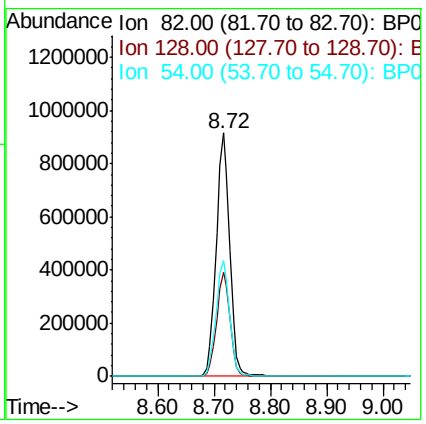


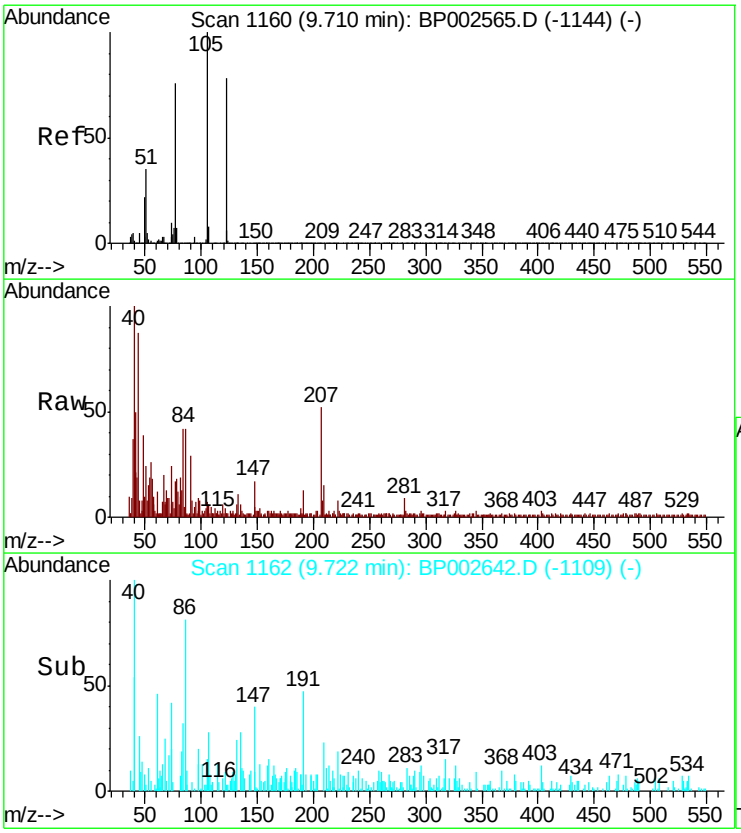
#23
Nitrobenzene-d5
Concen: 79.846 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1536570

Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.4	50.2
54	47.6	40.1	60.1

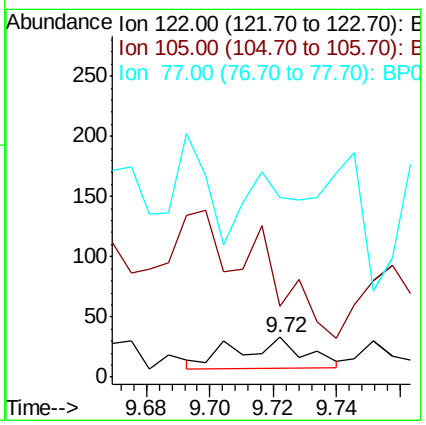


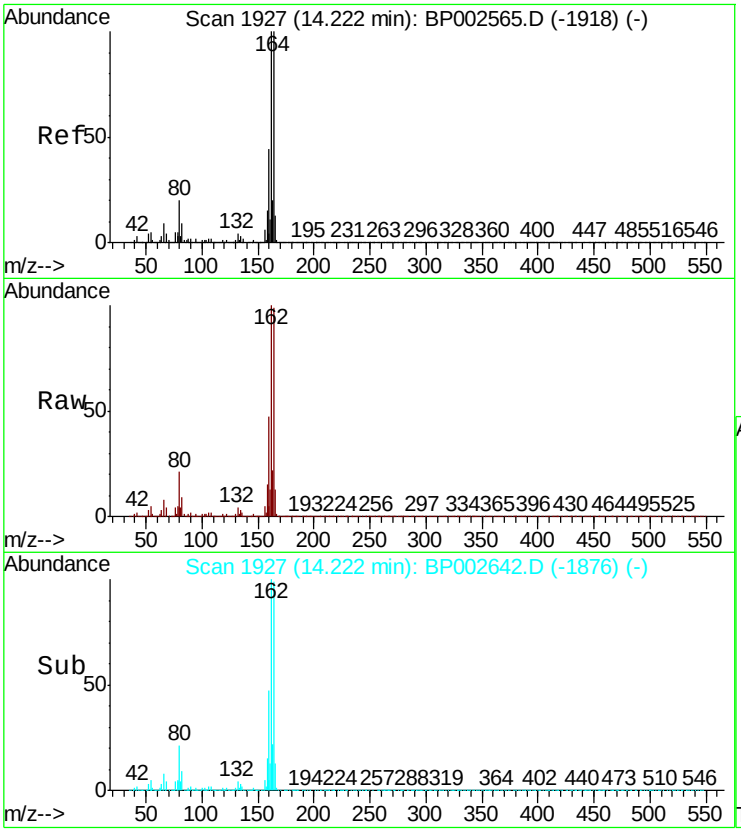


#32
Benzoic acid
Concen: 8.702 ng
RT: 9.72 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

Tgt Ion:122 Resp: 37

Ion	Ratio	Lower	Upper
122	100		
105	178.8	106.6	146.6#
77	451.5	76.5	116.5#



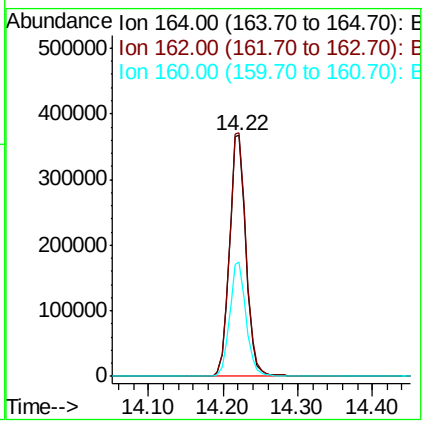


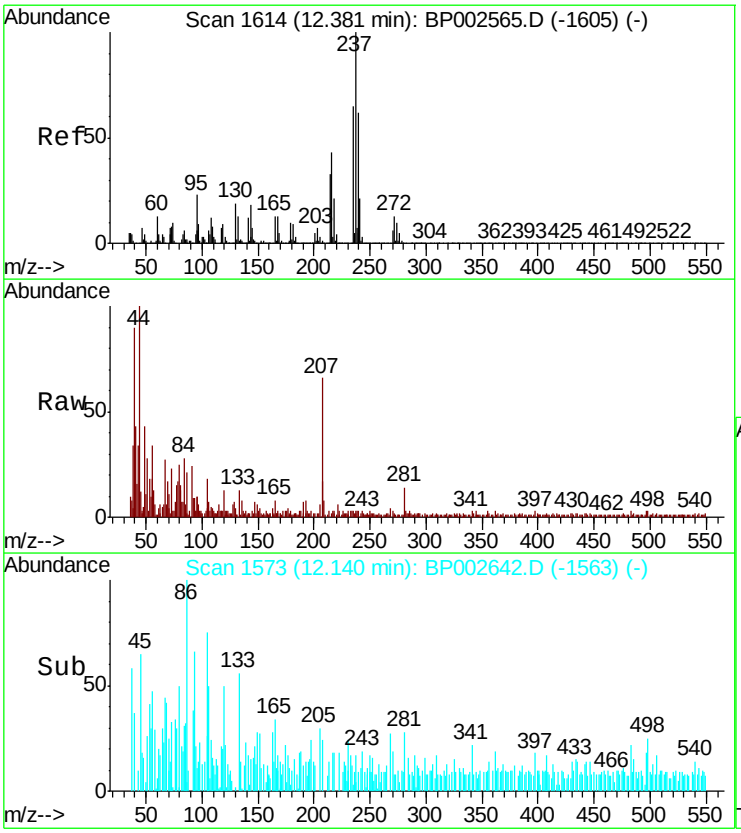
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 569194

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.3	120.5
160	47.3	35.0	52.6

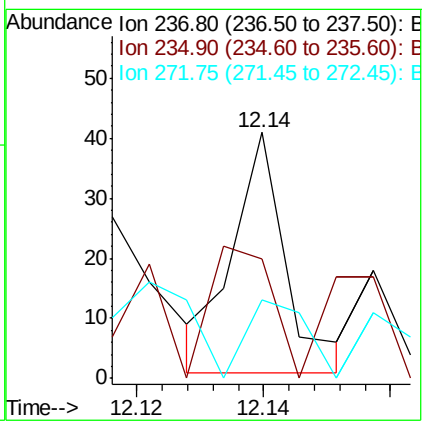


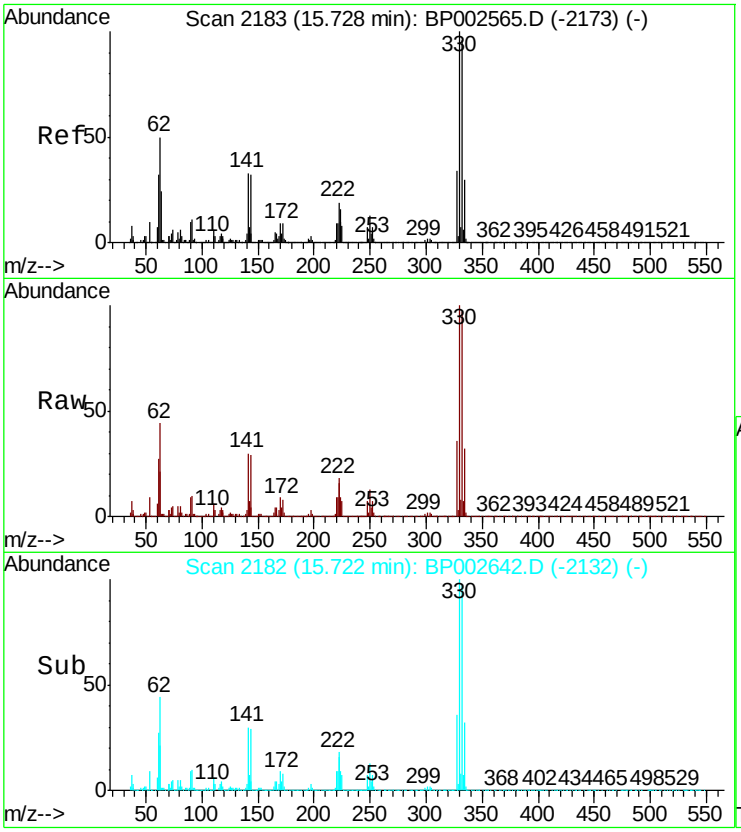


#41
Hexachlorocyclopentadiene
Concen: 4.384 ng
RT: 12.14 min Scan# 1573
Delta R.T. -0.24 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

Tgt Ion:237 Resp: 23

Ion	Ratio	Lower	Upper
237	100		
235	48.8	45.4	85.4
272	31.7	0.0	32.6



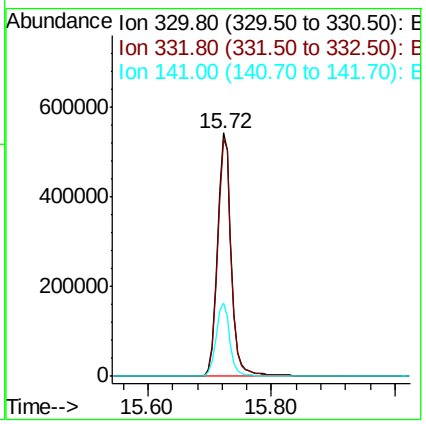


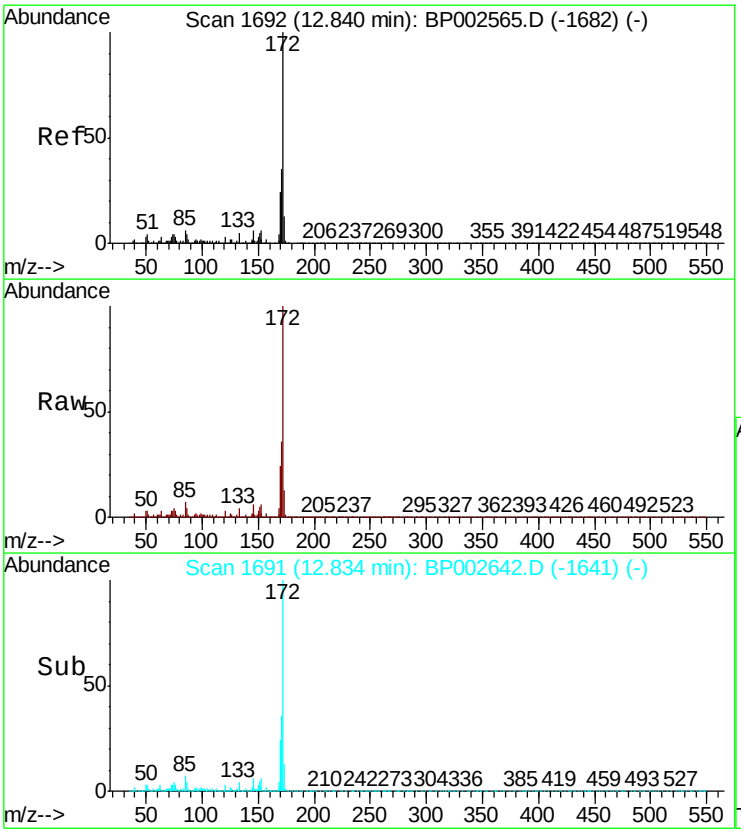
#42
2,4,6-Tribromophenol
Concen: 121.700 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 842531

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.7	116.5
141	29.9	29.0	43.6

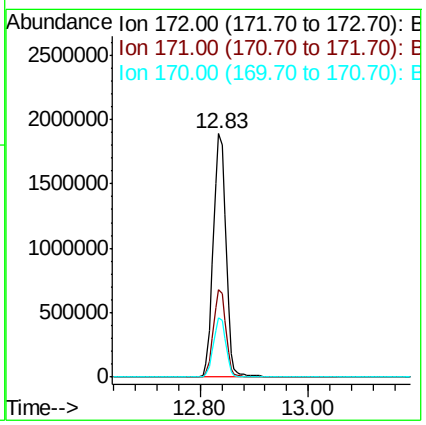


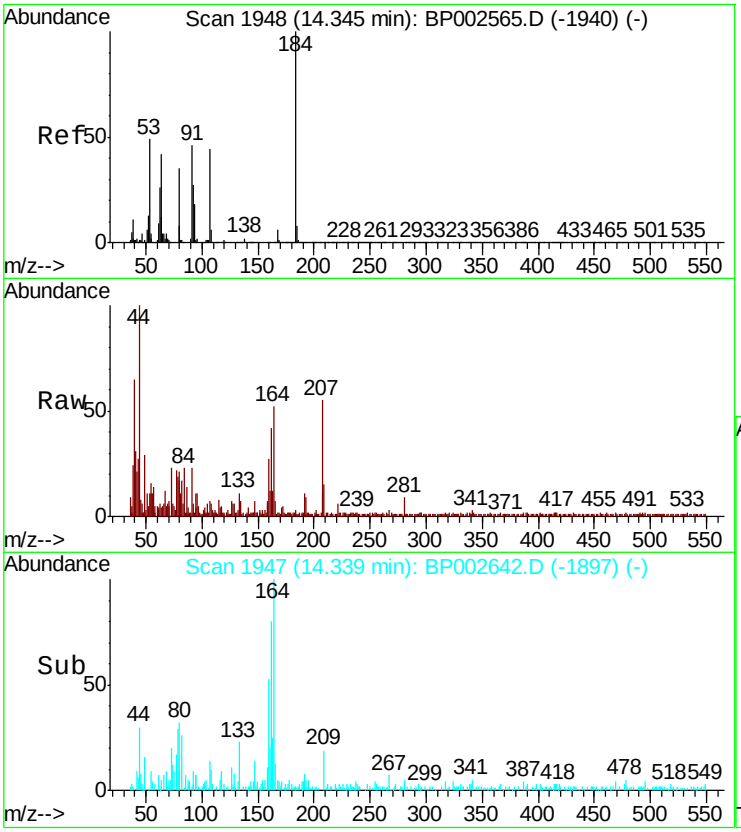


#45
2-Fluorobiphenyl
Concen: 80.491 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

Tgt Ion:172 Resp: 3112800

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.0	42.0
170	24.3	19.0	28.4



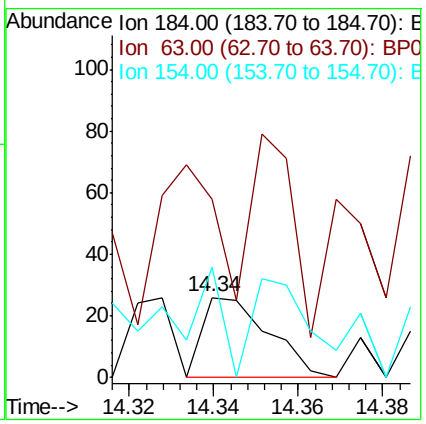


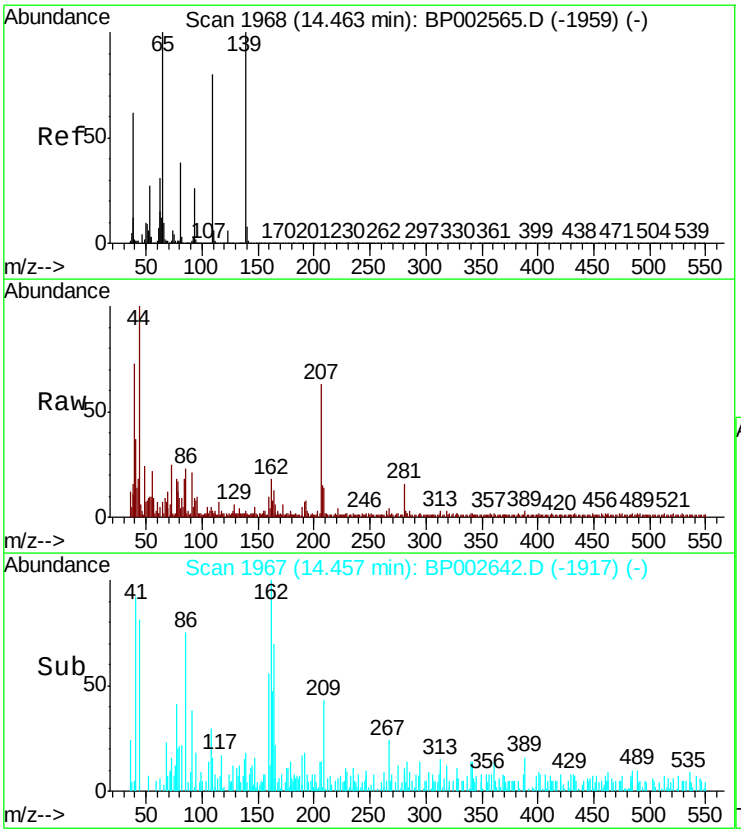
#54
2,4-Dinitrophenol
Concen: 6.013 ng
RT: 14.34 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 28

Ion	Ratio	Lower	Upper
184	100		
63	223.1	56.2	84.2#
154	138.5	50.9	76.3#

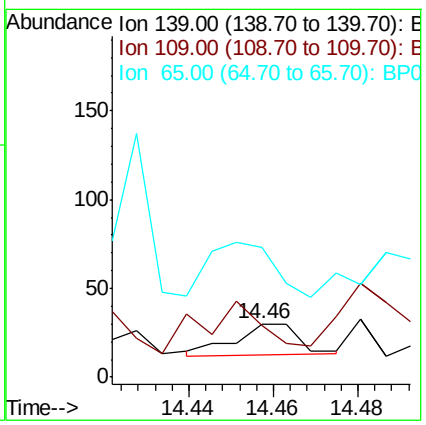


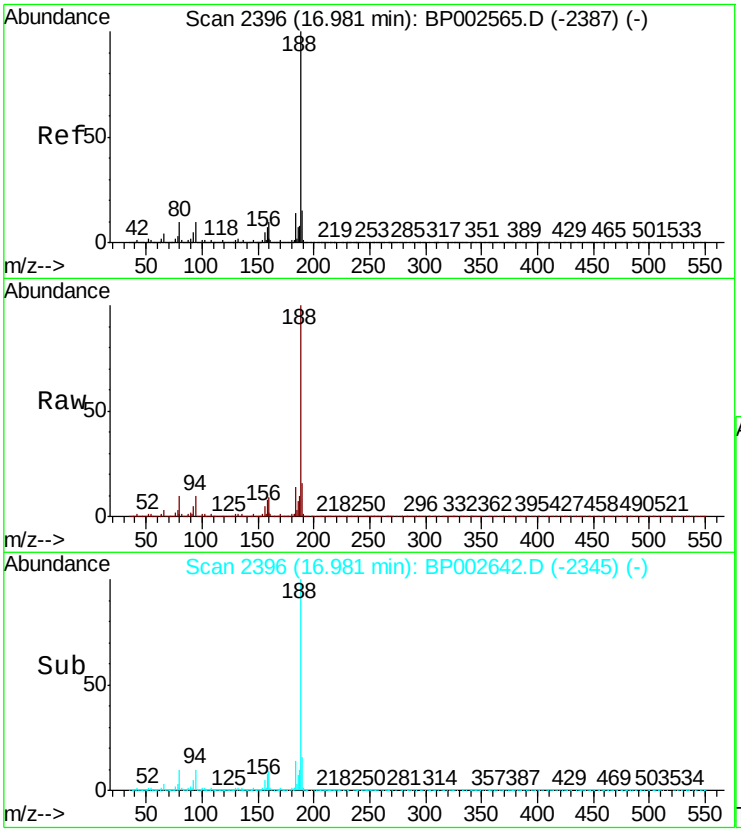


#56
4-Nitrophenol
Concen: 2.438 ng
RT: 14.46 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

Tgt Ion:139 Resp: 19

Ion	Ratio	Lower	Upper
139	100		
109	96.7	60.1	100.1
65	243.3	80.3	120.3#



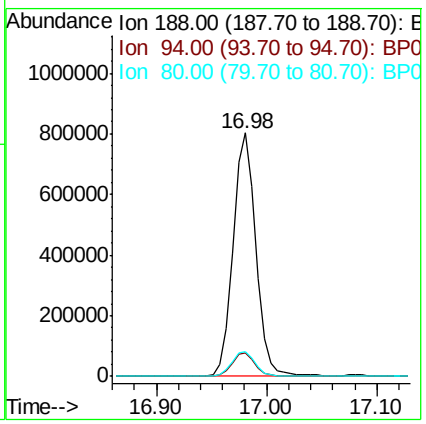


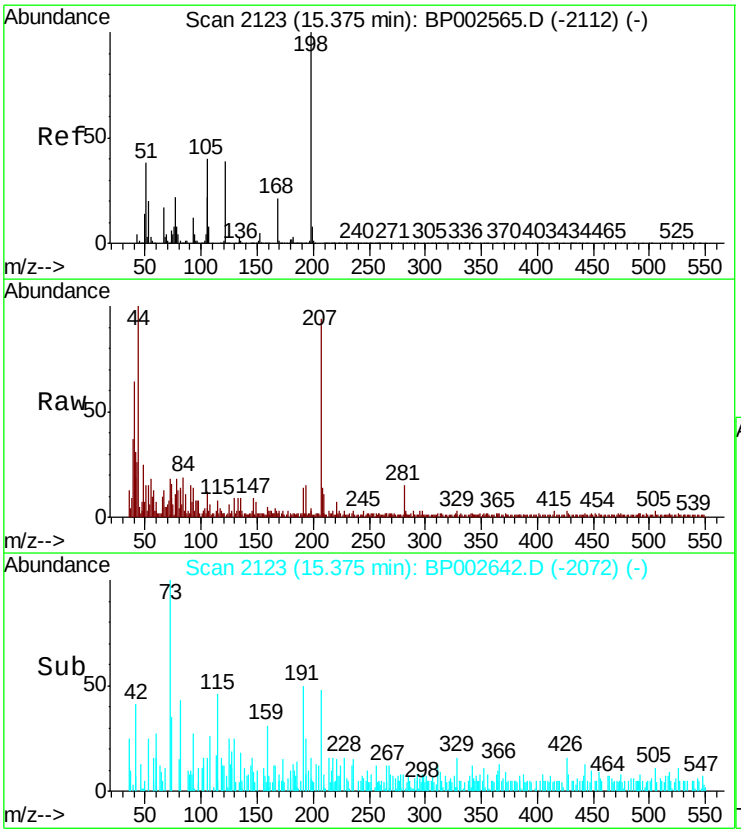
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 1167693

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.8	11.6
80	10.2	8.2	12.4

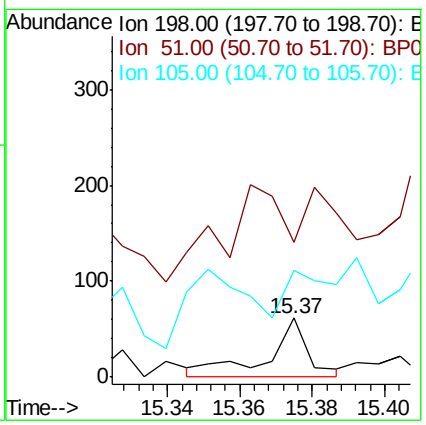


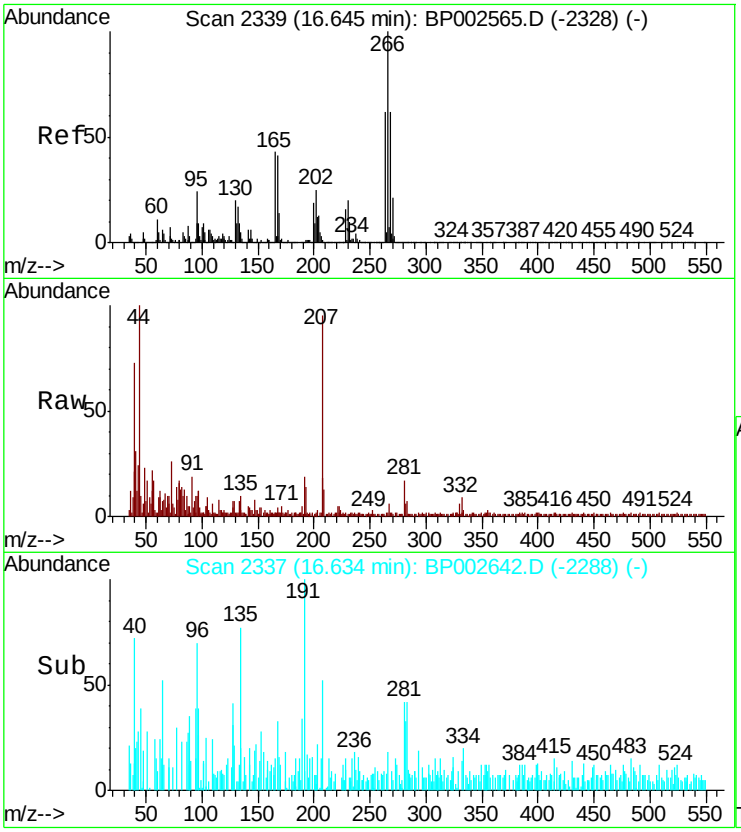


#65
4,6-Dinitro-2-methylphenol
Concen: 2.716 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

Tgt Ion:198 Resp: 47

Ion	Ratio	Lower	Upper
198	100		
51	229.5	24.2	64.2#
105	182.0	20.7	60.7#



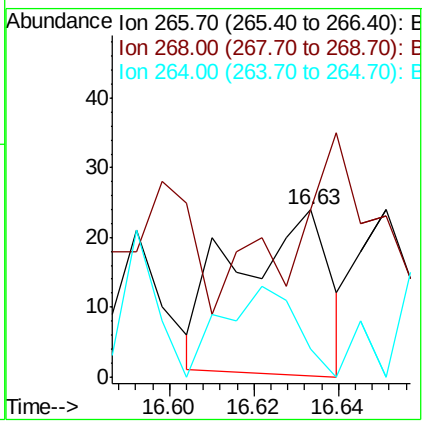


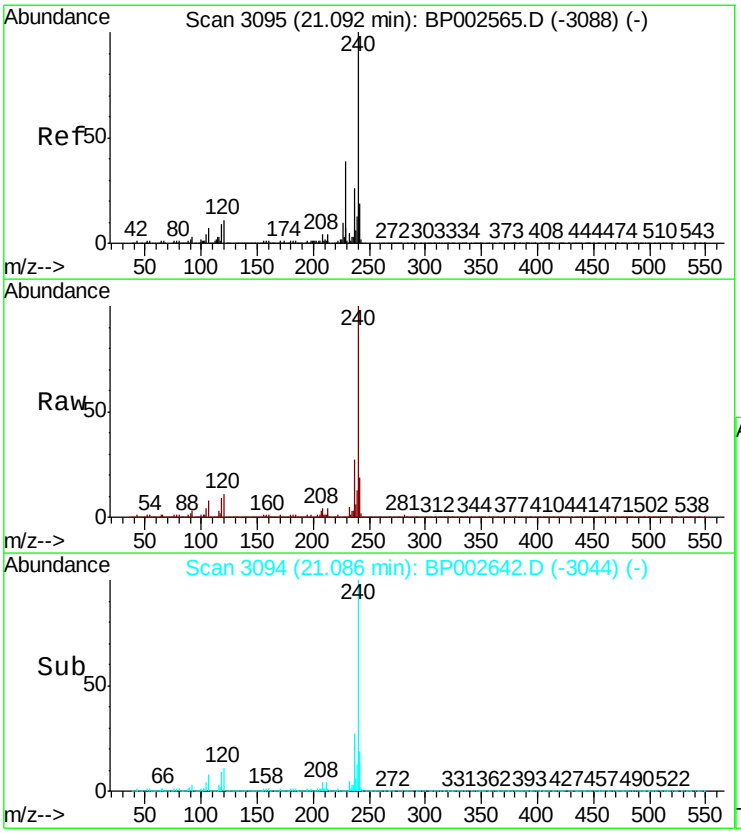
#70
Pentachlorophenol
Concen: 2.666 ng
RT: 16.63 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 36

Ion	Ratio	Lower	Upper
266	100		
268	100.0	49.7	74.5#
264	16.7	49.3	73.9#

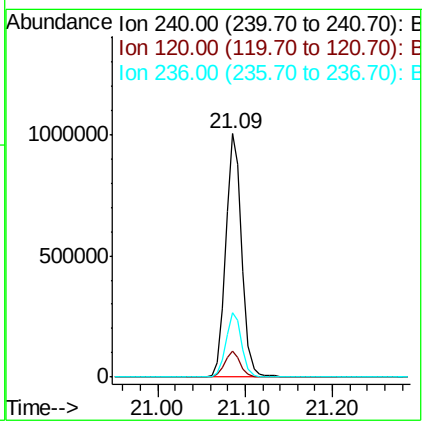


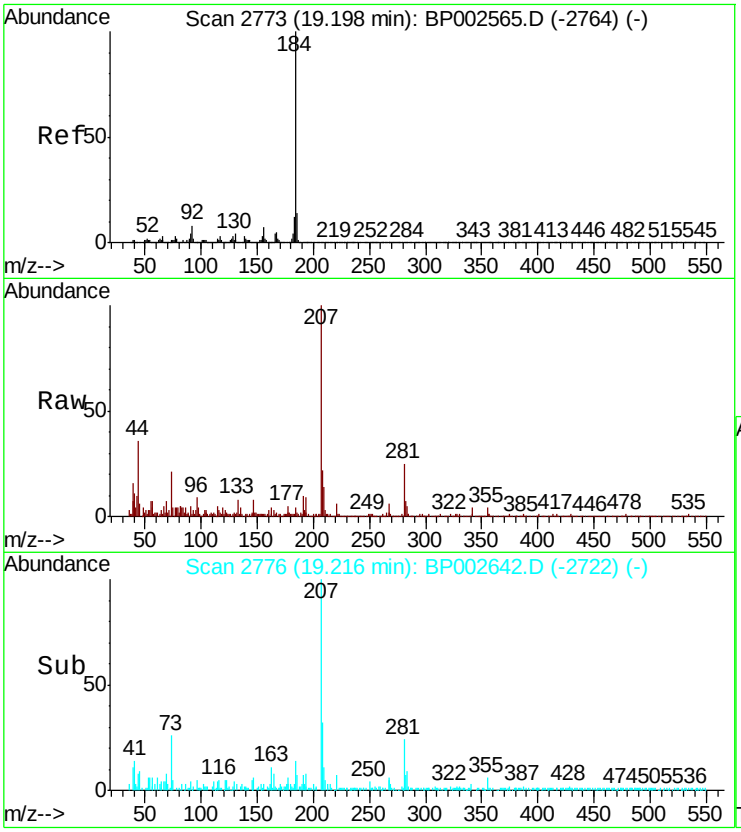


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

Tgt Ion:240 Resp: 1260701

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.6	13.0
236	26.5	20.8	31.2



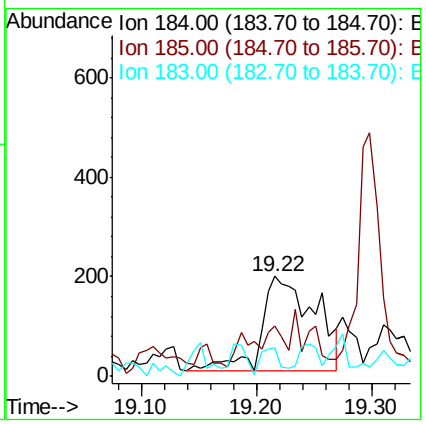


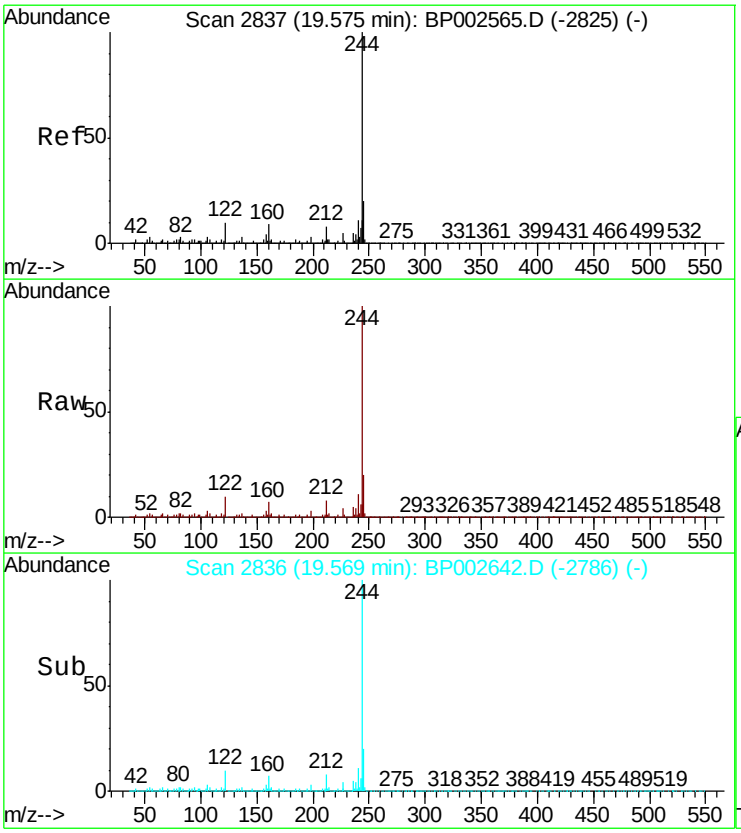
#77
Benzidine
Concen: 3.767 ng
RT: 19.22 min Scan# 2776
Delta R.T. 0.02 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 619

Ion	Ratio	Lower	Upper
184	100		
185	50.2	11.4	17.2#
183	28.9	9.2	13.8#

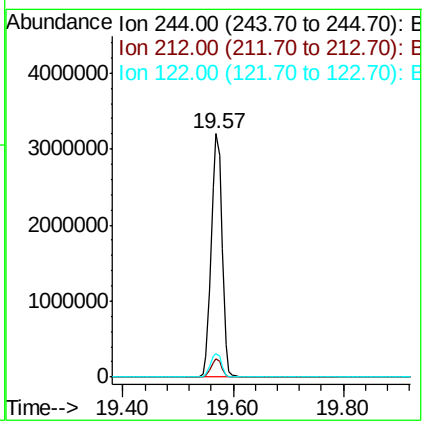


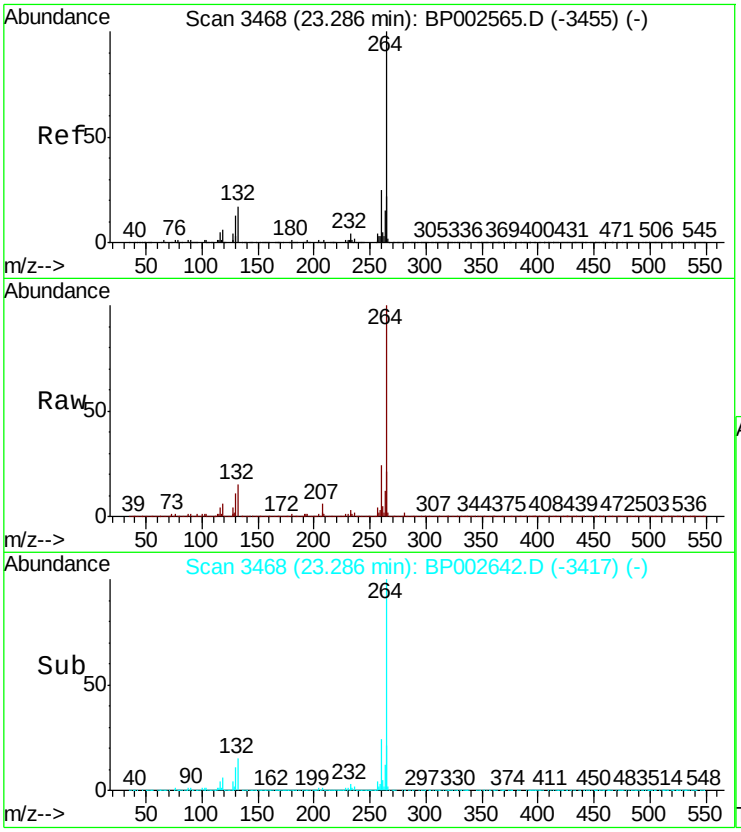


#79
Terphenyl-d14
Concen: 74.819 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

Tgt Ion:244 Resp: 4369906

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	9.9	7.9	11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.00 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 1481226

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.7	29.5
265	21.2	17.6	26.4