Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070220\
Data File : BP002626.D
Acq On : 02 Jul 2020 12:33
Operator : CG/JU
Sample : L3153-41
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP2-K

Quant Time: Jul 02 13:09:30 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	279243	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	1073241	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	682911	20.00	ng		0.00
64) Phenanthrene-d10	16.98	188	1467575	20.00	ng		0.00
76) Chrysene-d12	21.09	240	1462888	20.00	ng		0.00
86) Perylene-d12	23.29	264	1294734	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1725078	104.60	ng		0.00
7) Phenol-d6	6.77	99	1932456	83.95	ng		0.00
23) Nitrobenzene-d5	8.72	82	1831354	87.92	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	991370	119.35	ng		0.00
45) 2-Fluorobiphenyl	12.84	172	3616884	77.95	ng		0.00
79) Terphenyl-d14	19.57	244	4972172	73.36	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.72	77	459	Below Cal		#	43
32) Benzoic acid	9.69	122	28	8.701	ng	#	1
41) Hexachlorocyclopentadiene	12.33	237	30	4.384	ng		79
50) Dimethylphthalate	13.69	163	148179	2.763	ng		98
54) 2,4-Dinitrophenol	14.37	184	20	6.011	ng	#	1
56) 4-Nitrophenol	14.63	139	151	2.451	ng		92
65) 4,6-Dinitro-2-methylphenol	15.39	198	28	2.712	ng	#	1
70) Pentachlorophenol	16.47	266	60	2.667	ng		98
77) Benzidine	19.20	184	90	3.757	ng	#	1

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

Quantitation Report (Not Reviewed)

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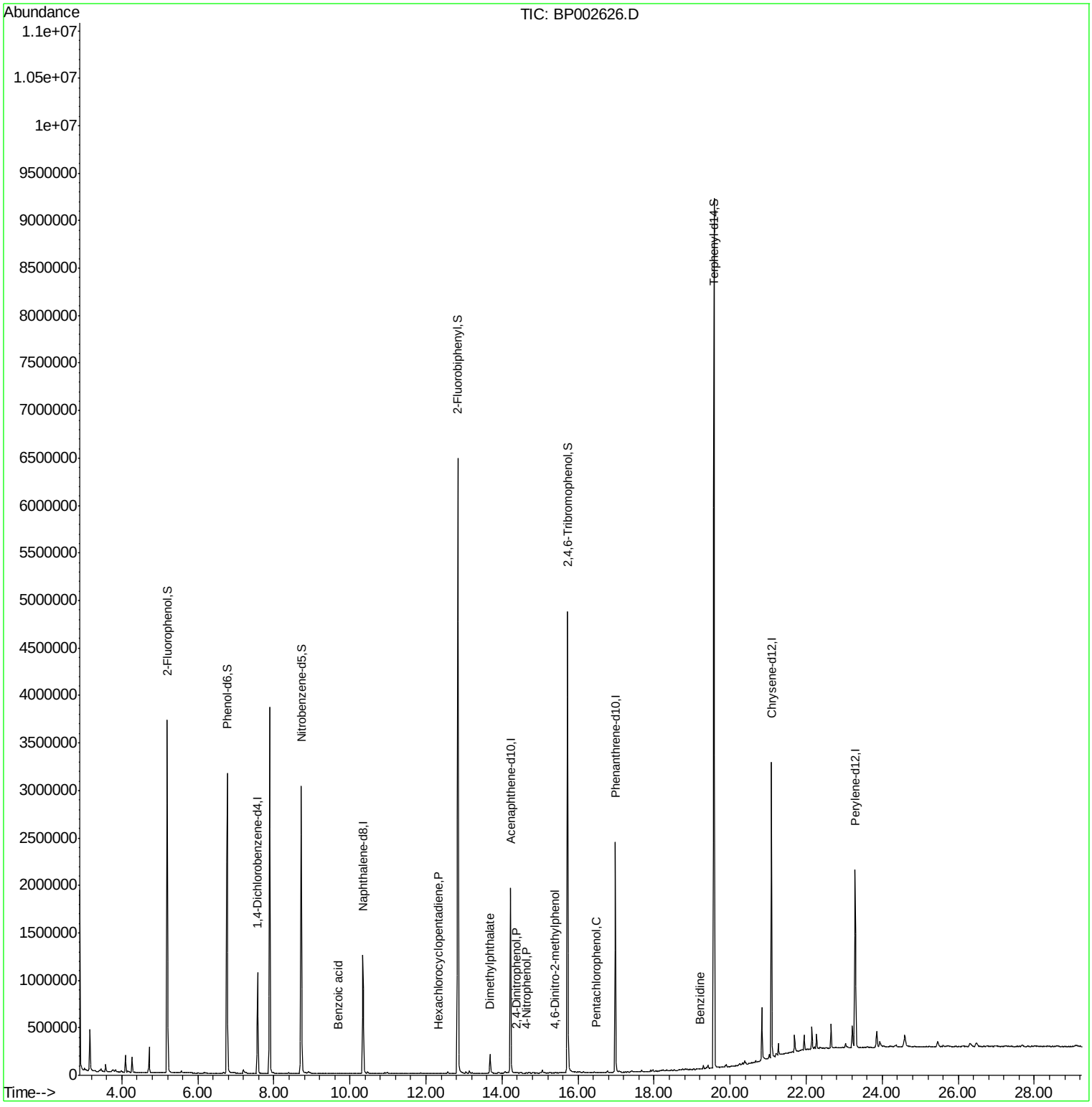
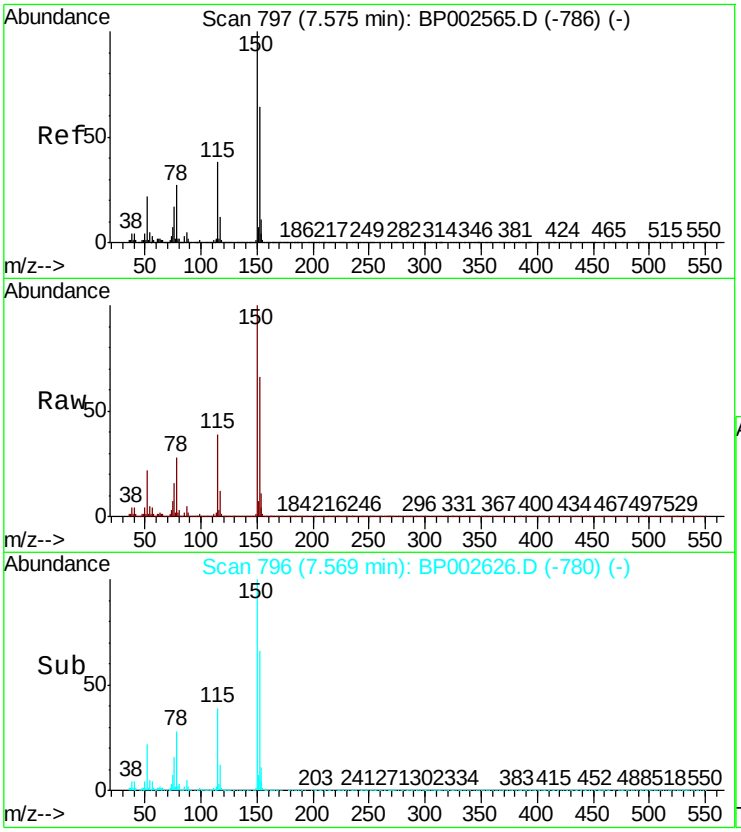
Data File : BP002626.D
Acq On : 02 Jul 2020 12:33
Operator : CG/JU
Sample : L3153-41
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP2-K

Quant Time: Jul 02 13:09:30 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



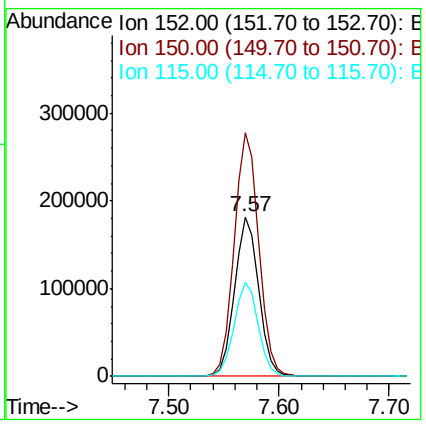


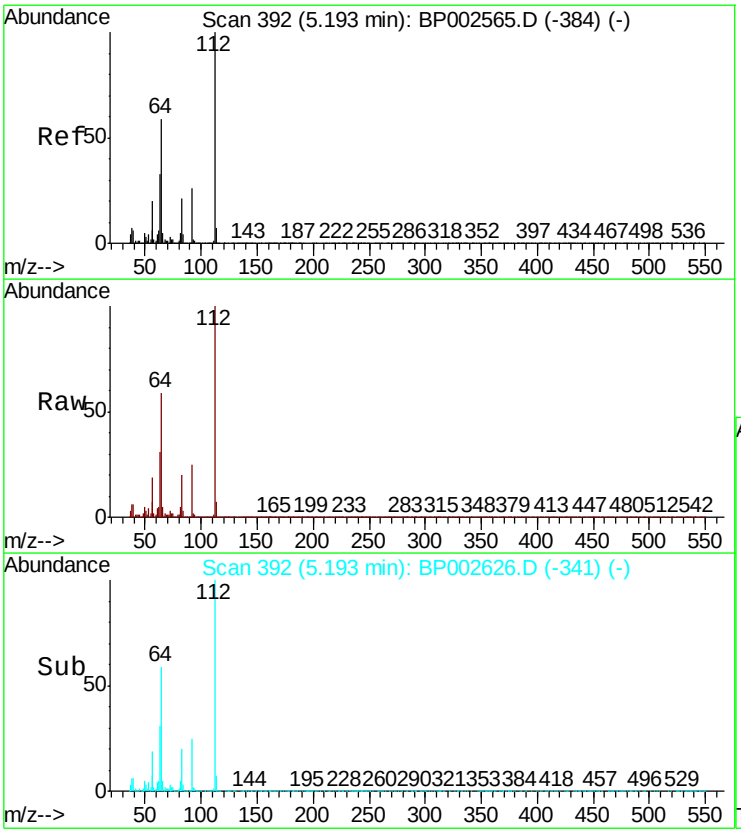
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002626.D
Acq: 02 Jul 2020 12:33

Instrument :
BNA_P
ClientSampleId :
SP2-K

Tgt Ion:152 Resp: 279243

Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.2	186.2
115	59.1	47.1	70.7

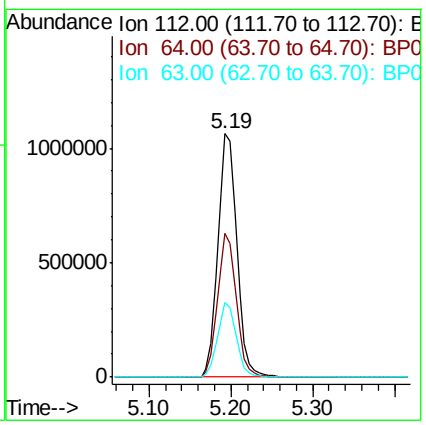


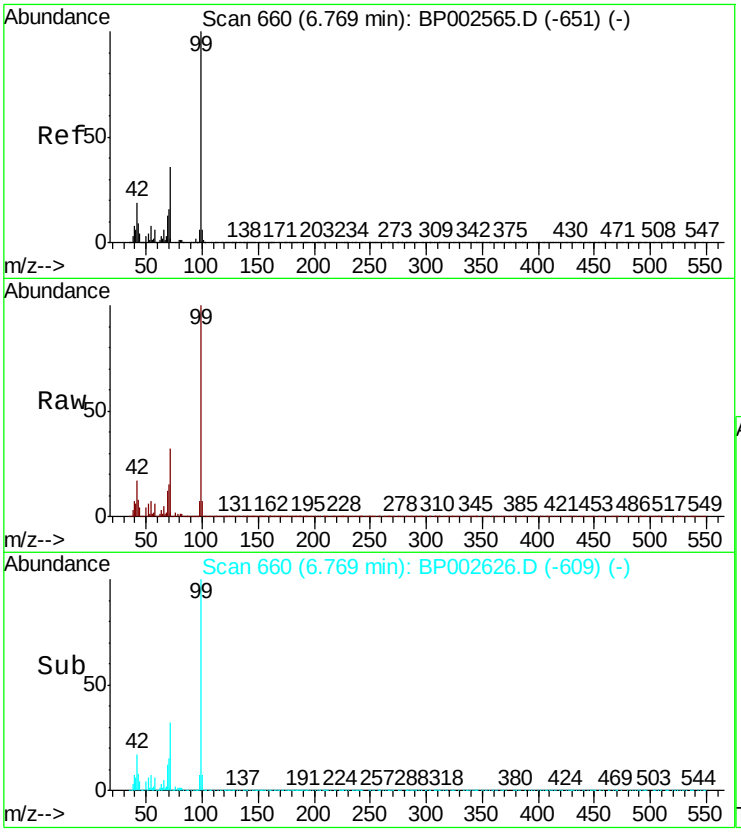


#5
2-Fluorophenol
Concen: 104.595 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002626.D
Acq: 02 Jul 2020 12:33

Tgt Ion:112 Resp: 1725078

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.0	70.6
63	30.8	26.1	39.1



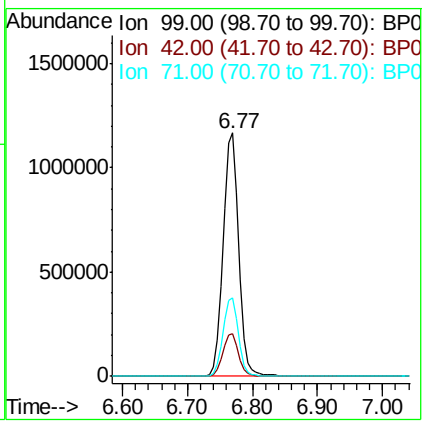


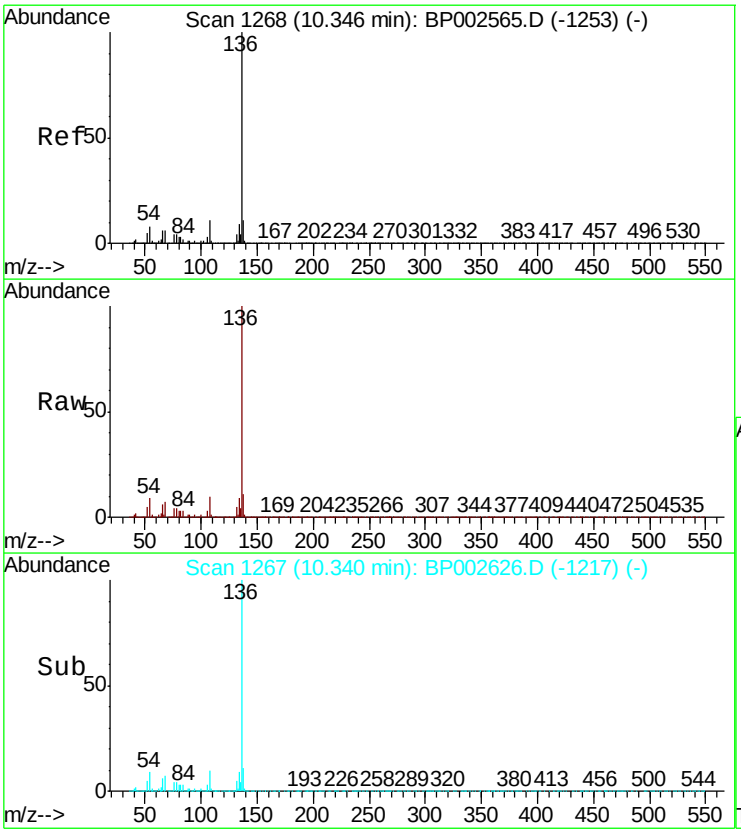
#7
Phenol-d6
Concen: 83.948 ng
RT: 6.77 min Scan# 660
Delta R.T. -0.00 min
Lab File: BP002626.D
Acq: 02 Jul 2020 12:33

Instrument :
BNA_P
ClientSampleId :
SP2-K

Tgt Ion: 99 Resp: 1932456

Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.5	23.3
71	32.0	28.9	43.3

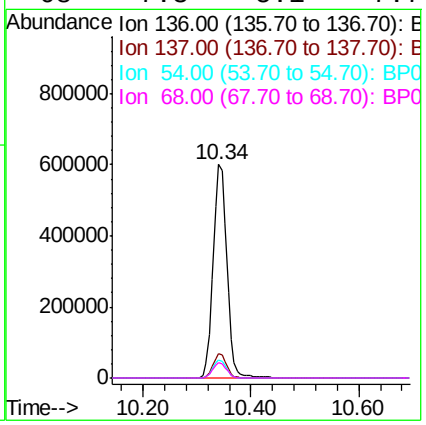


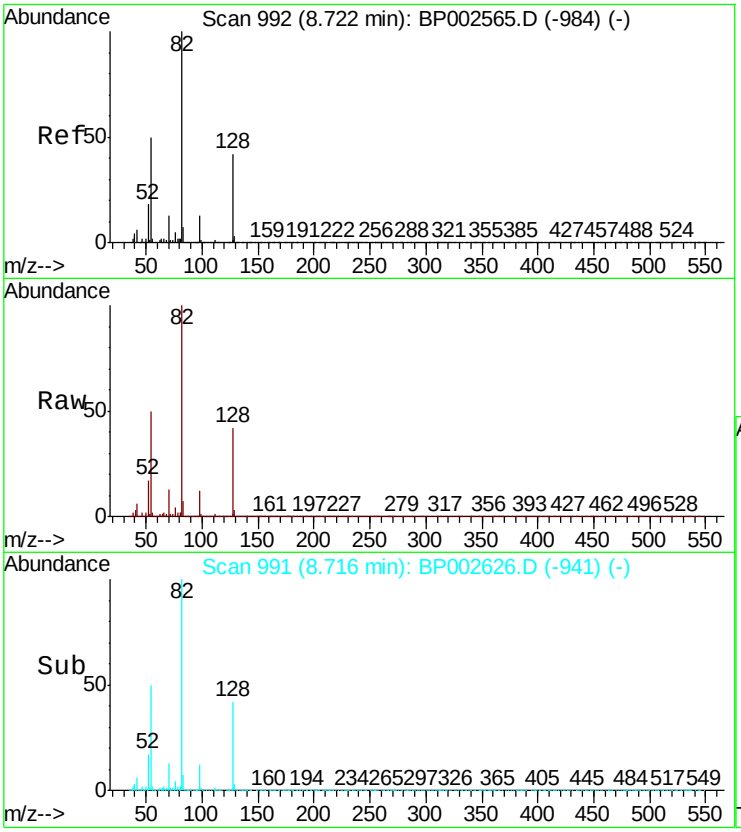


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002626.D
Acq: 02 Jul 2020 12:33

Tgt Ion:136 Resp: 1073241

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.6	6.4	9.6
68	7.3	5.1	7.7



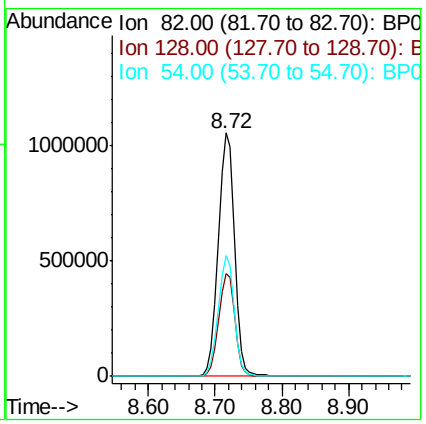


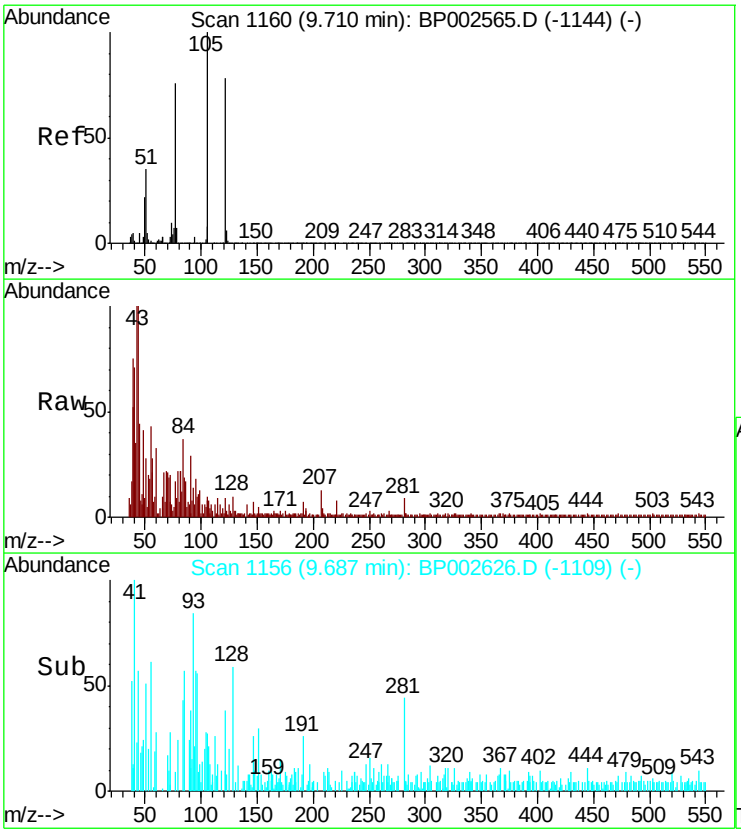
#23
Nitrobenzene-d5
Concen: 87.922 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002626.D
Acq: 02 Jul 2020 12:33

Instrument :
BNA_P
ClientSampleId :
SP2-K

Tgt Ion: 82 Resp: 1831354

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.4	50.2
54	49.6	40.1	60.1

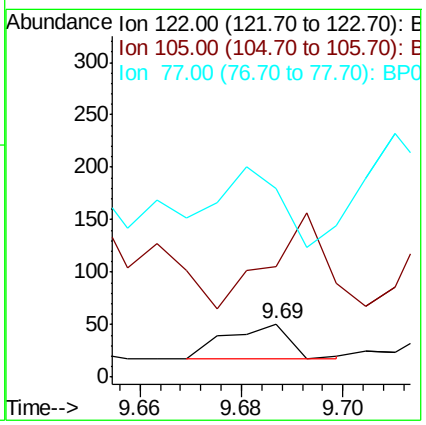


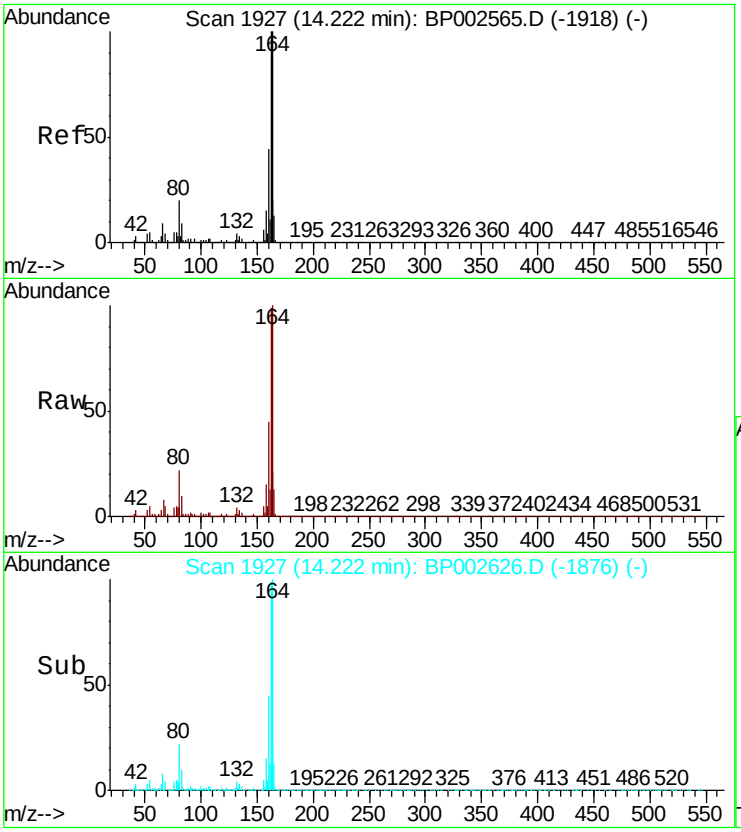


#32
Benzoic acid
Concen: 8.701 ng
RT: 9.69 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BP002626.D
Acq: 02 Jul 2020 12:33

Tgt Ion:122 Resp: 28

Ion	Ratio	Lower	Upper
122	100		
105	205.9	106.6	146.6#
77	352.9	76.5	116.5#



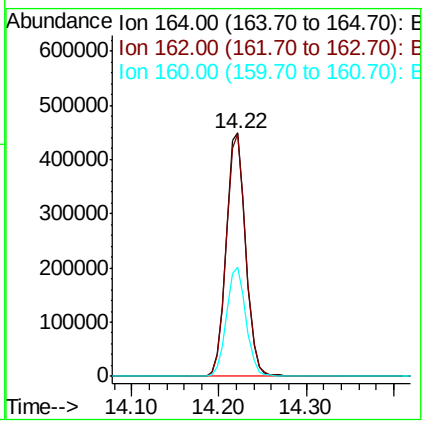


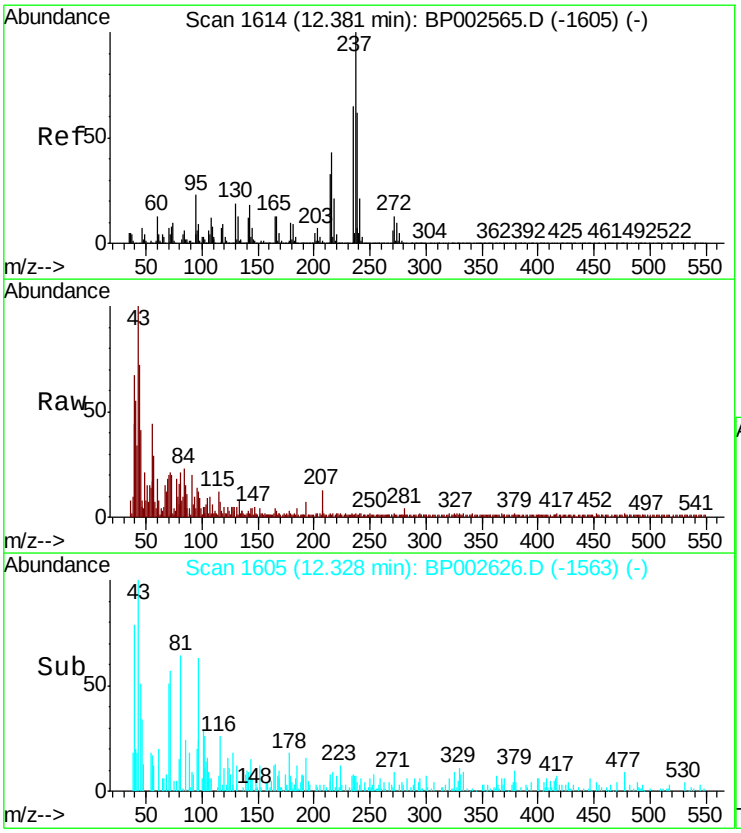
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BP002626.D
Acq: 02 Jul 2020 12:33

Instrument :
BNA_P
ClientSampleId :
SP2-K

Tgt Ion:164 Resp: 682911

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.3	120.5
160	45.1	35.0	52.6

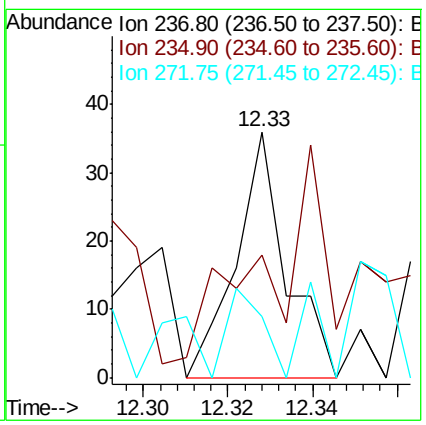


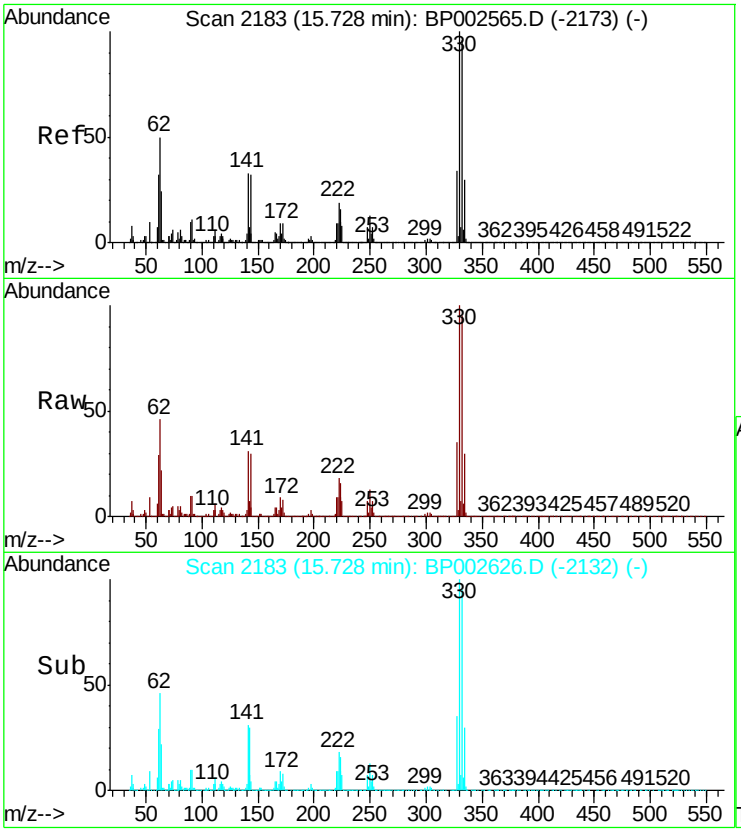


#41
Hexachlorocyclopentadiene
Concen: 4.384 ng
RT: 12.33 min Scan# 1605
Delta R.T. -0.05 min
Lab File: BP002626.D
Acq: 02 Jul 2020 12:33

Tgt Ion:237 Resp: 30

Ion	Ratio	Lower	Upper
237	100		
235	50.0	45.4	85.4
272	25.0	0.0	32.6



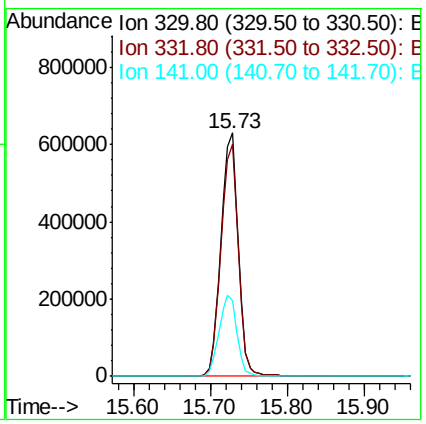


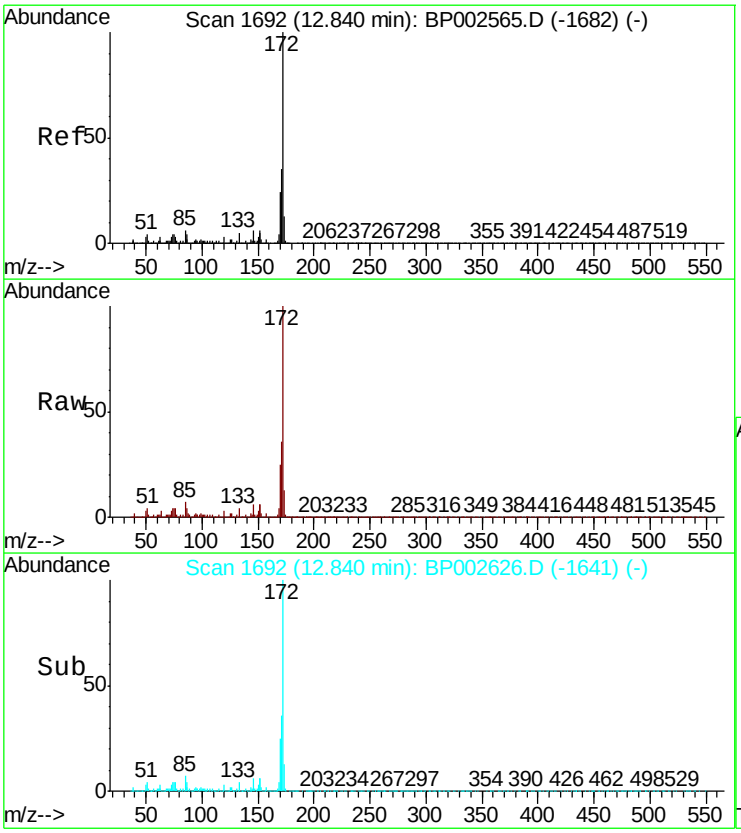
#42
2,4,6-Tribromophenol
Concen: 119.354 ng
RT: 15.73 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BP002626.D
Acq: 02 Jul 2020 12:33

Instrument :
BNA_P
ClientSampleId :
SP2-K

Tgt Ion:330 Resp: 991370

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.7	116.5
141	34.3	29.0	43.6

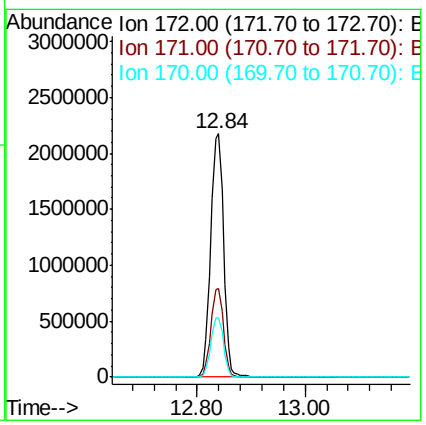


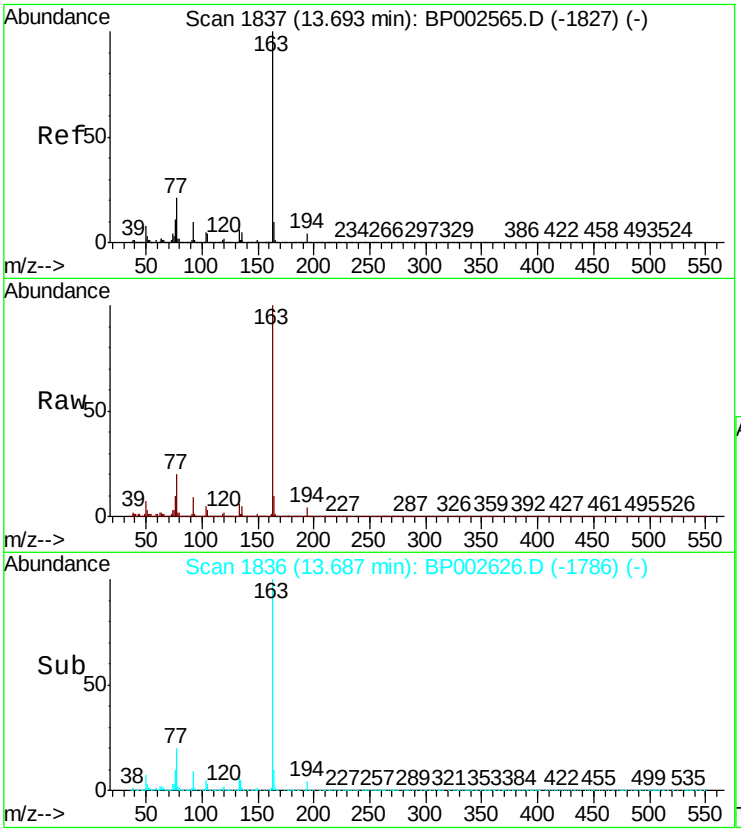


#45
2-Fluorobiphenyl
Concen: 77.952 ng
RT: 12.84 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BP002626.D
Acq: 02 Jul 2020 12:33

Tgt Ion:172 Resp: 3616884

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.0	42.0
170	24.6	19.0	28.4



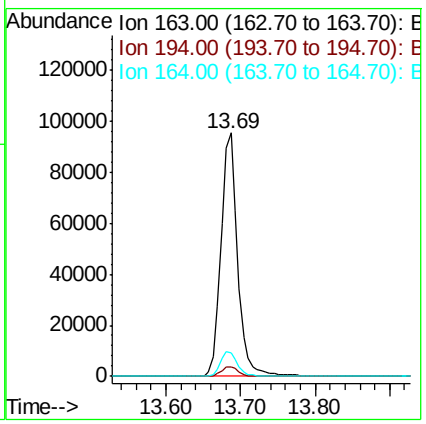


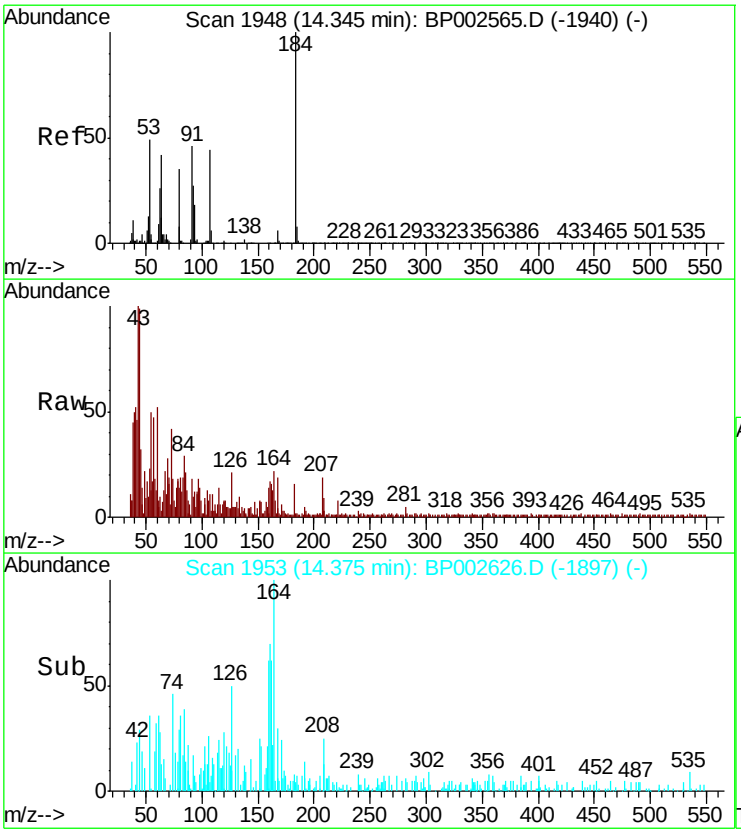
#50
Dimethylphthalate
Concen: 2.763 ng
RT: 13.69 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BP002626.D
Acq: 02 Jul 2020 12:33

Instrument :
BNA_P
ClientSampleId :
SP2-K

Tgt Ion:163 Resp: 148179

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	9.6	8.2	12.4

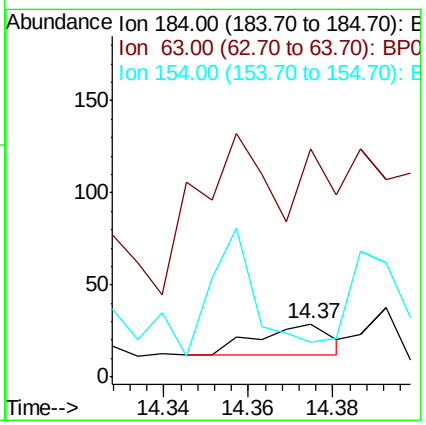


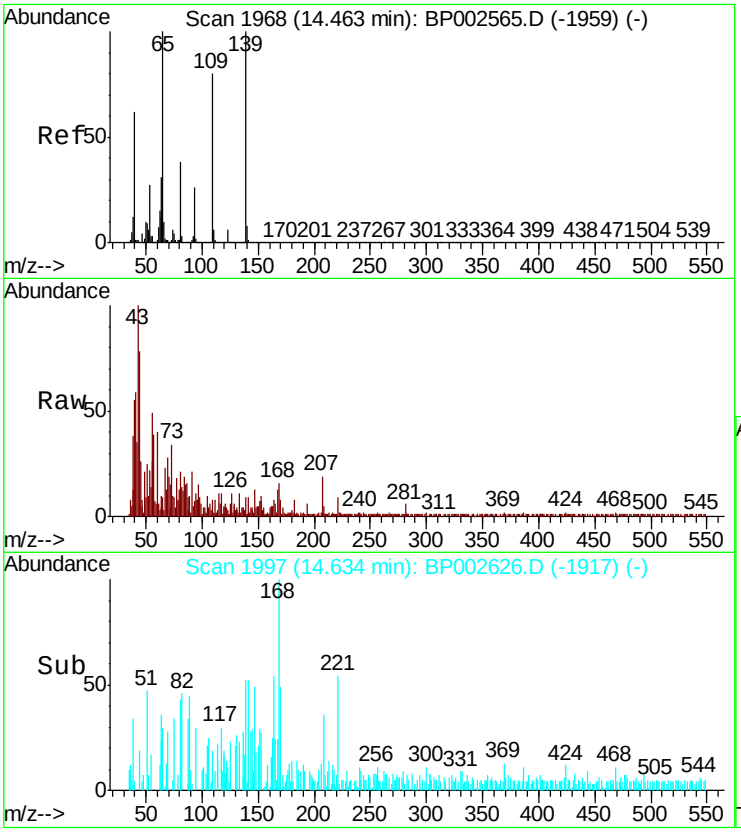


#54
2,4-Dinitrophenol
Concen: 6.011 ng
RT: 14.37 min Scan# 1953
Delta R.T. 0.03 min
Lab File: BP002626.D
Acq: 02 Jul 2020 12:33

Tgt Ion:184 Resp: 20

Ion	Ratio	Lower	Upper
184	100		
63	427.6	56.2	84.2#
154	65.5	50.9	76.3



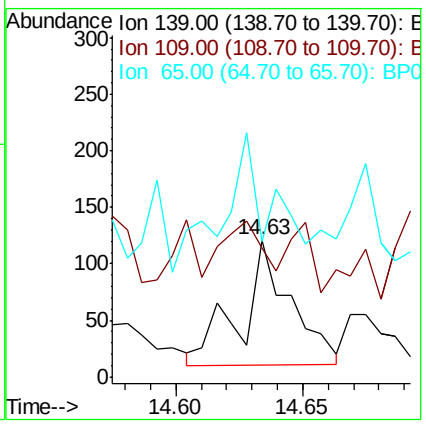


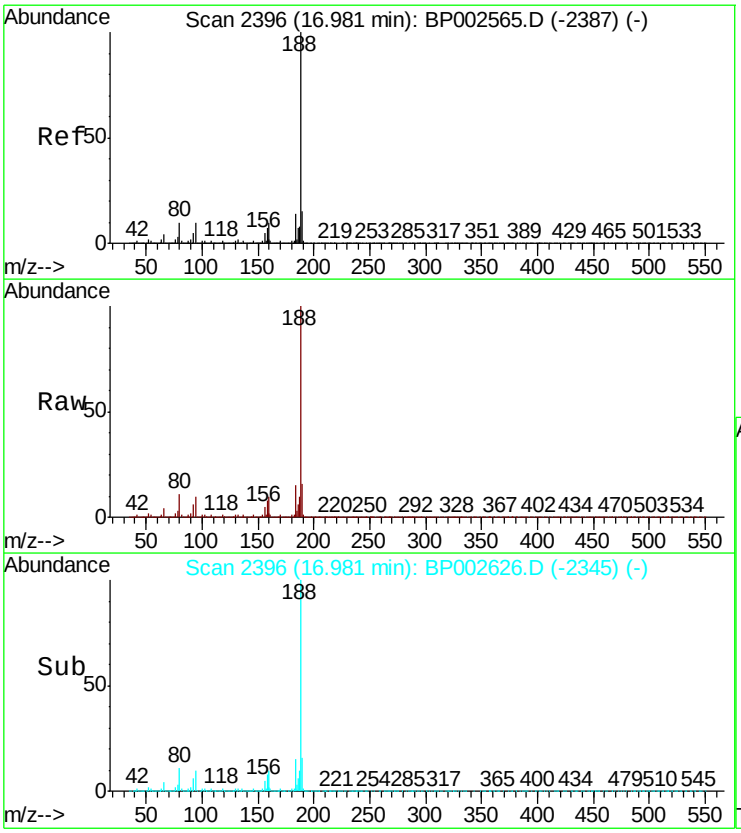
#56
4-Nitrophenol
Concen: 2.451 ng
RT: 14.63 min Scan# 1997
Delta R.T. 0.17 min
Lab File: BP002626.D
Acq: 02 Jul 2020 12:33

Instrument :
BNA_P
ClientSampleId :
SP2-K

Tgt Ion:139 Resp: 151

Ion	Ratio	Lower	Upper
139	100		
109	89.1	60.1	100.1
65	93.8	80.3	120.3

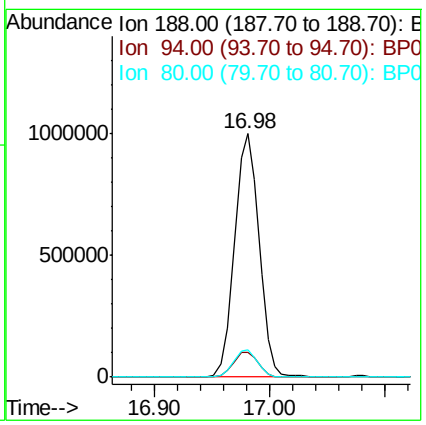


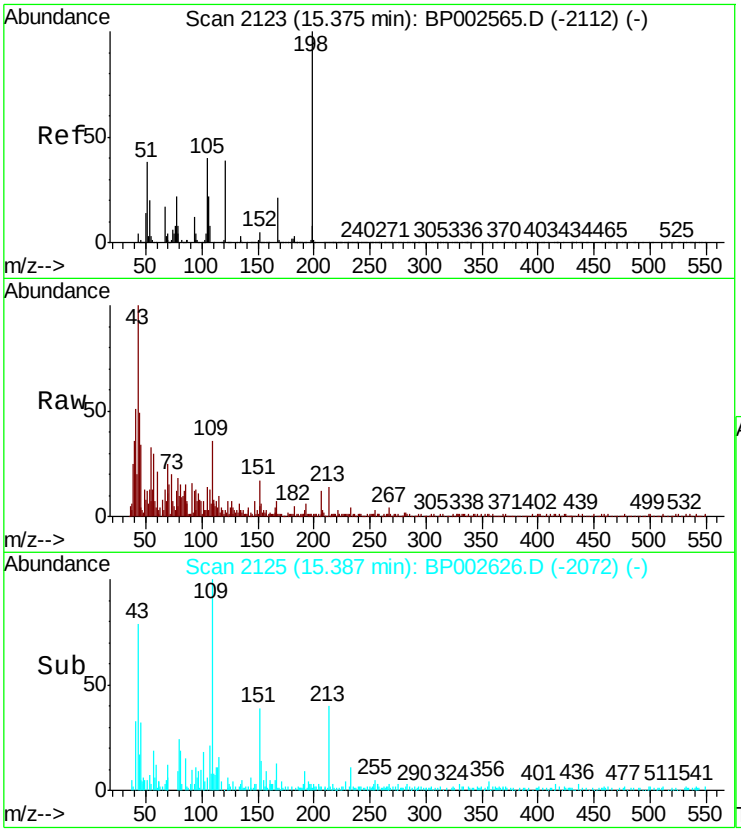


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BP002626.D
Acq: 02 Jul 2020 12:33

Tgt Ion:188 Resp: 1467575

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



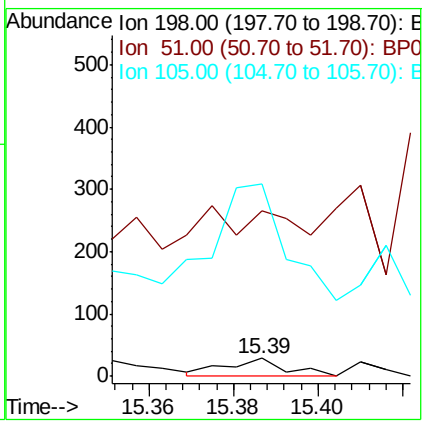


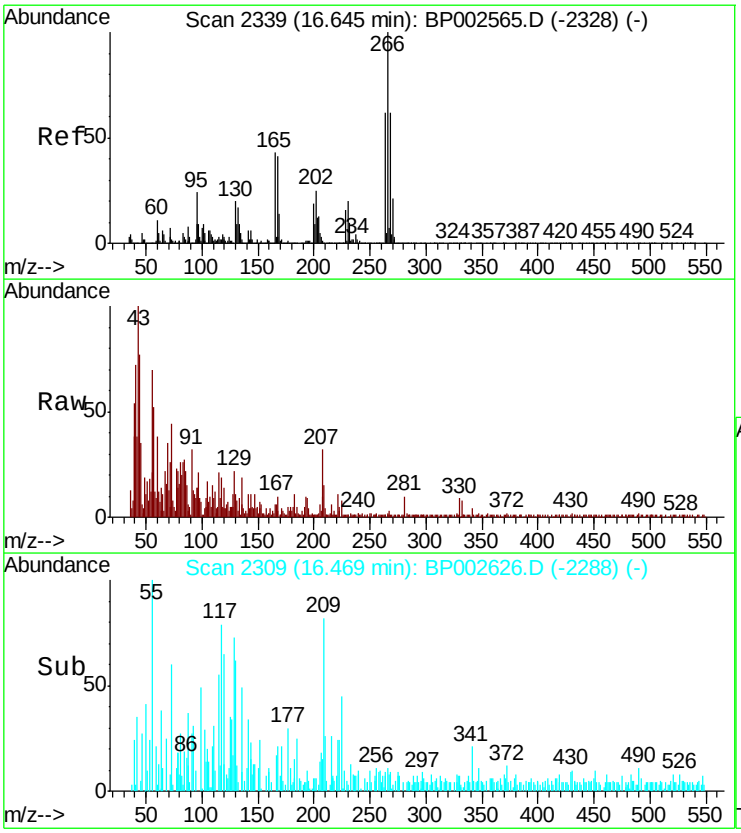
#65
4,6-Dinitro-2-methylphenol
Concen: 2.712 ng
RT: 15.39 min Scan# 2125
Delta R.T. 0.01 min
Lab File: BP002626.D
Acq: 02 Jul 2020 12:33

Instrument :
BNA_P
ClientSampleId :
SP2-K

Tgt Ion:198 Resp: 28

Ion	Ratio	Lower	Upper
198	100		
51	913.8	24.2	64.2#
105	1062.1	20.7	60.7#

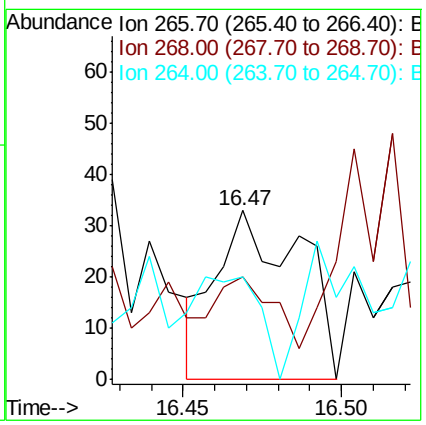


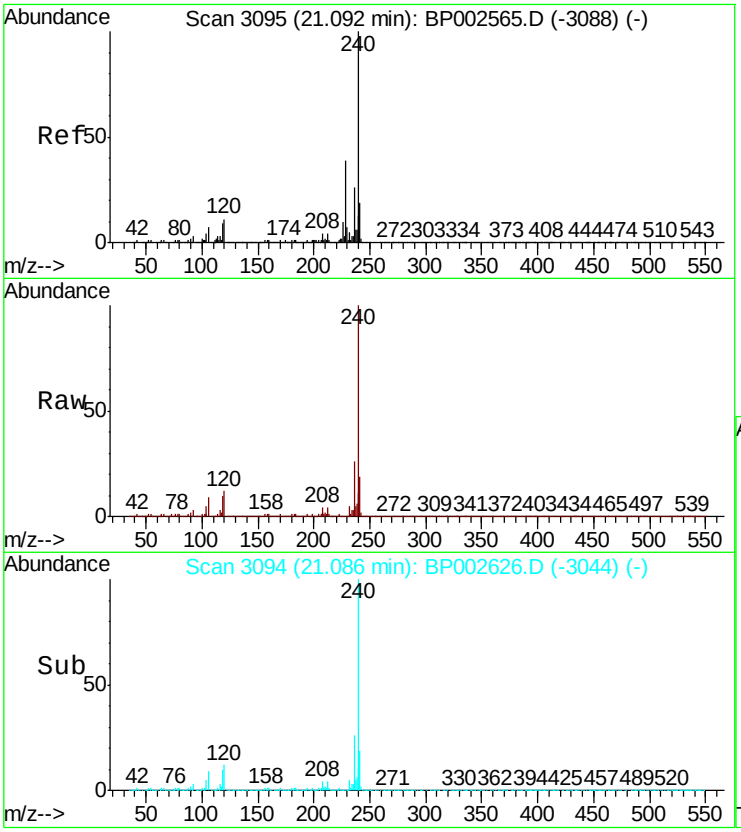


#70
Pentachlorophenol
Concen: 2.667 ng
RT: 16.47 min Scan# 2309
Delta R.T. -0.18 min
Lab File: BP002626.D
Acq: 02 Jul 2020 12:33

Tgt Ion:266 Resp: 60

Ion	Ratio	Lower	Upper
266	100		
268	60.6	49.7	74.5
264	60.6	49.3	73.9



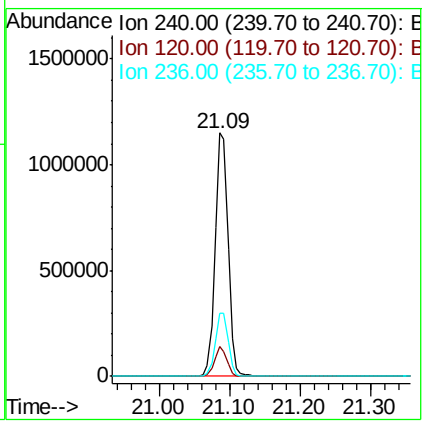


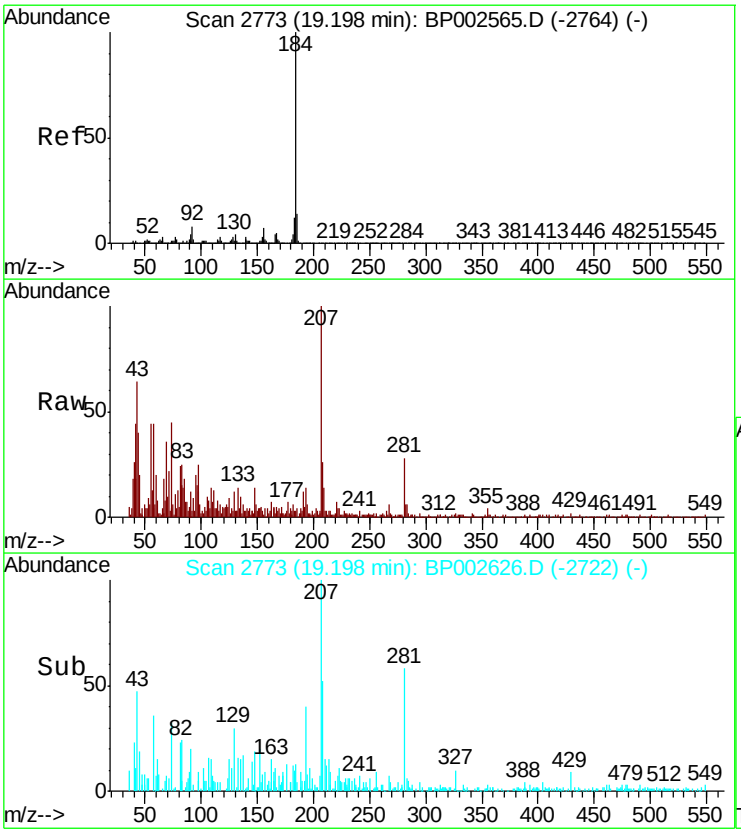
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002626.D
Acq: 02 Jul 2020 12:33

Instrument :
BNA_P
ClientSampleId :
SP2-K

Tgt Ion:240 Resp: 1462888

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.6	13.0
236	26.1	20.8	31.2

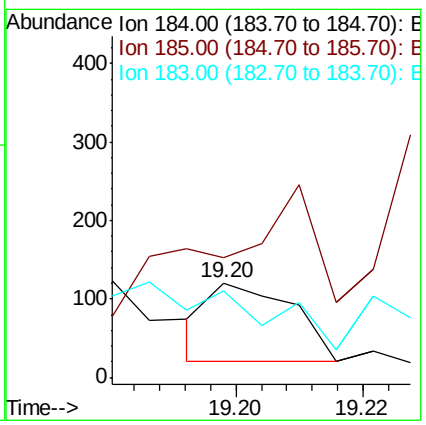


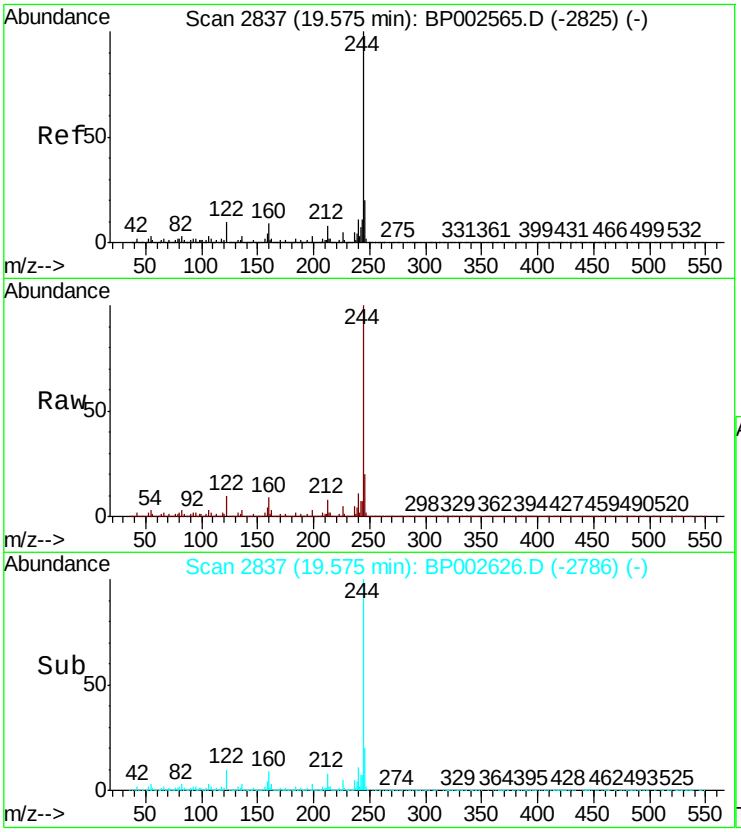


#77
Benzidine
Concen: 3.757 ng
RT: 19.20 min Scan# 2773
Delta R.T. 0.00 min
Lab File: BP002626.D
Acq: 02 Jul 2020 12:33

Tgt Ion:184 Resp: 90

Ion	Ratio	Lower	Upper
184	100		
185	126.7	11.4	17.2#
183	91.7	9.2	13.8#



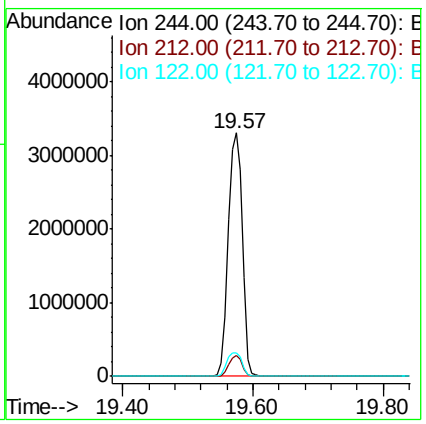


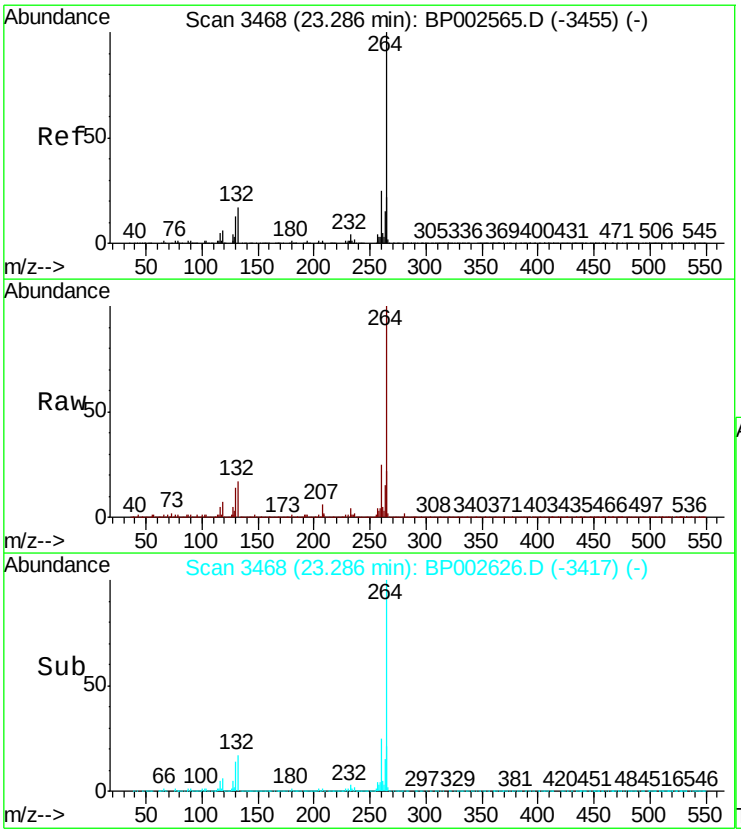
#79
Terphenyl-d14
Concen: 73.364 ng
RT: 19.57 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BP002626.D
Acq: 02 Jul 2020 12:33

Instrument :
BNA_P
ClientSampleId :
SP2-K

Tgt Ion:244 Resp: 4972172

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	9.5	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: BP002626.D
Acq: 02 Jul 2020 12:33

Tgt Ion:264 Resp: 1294734

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	21.5	17.6	26.4