Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060220\
Data File : BP002356.D
Acq On : 02 Jun 2020 14:19
Operator : CG/JU
Sample : L2822-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AP7

Quant Time: Jun 02 17:20:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 02 12:11:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	252721	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	748487	20.00	ng		0.01
39) Acenaphthene-d10	14.27	164	427235	20.00	ng		0.01
64) Phenanthrene-d10	17.03	188	874563	20.00	ng		0.01
76) Chrysene-d12	21.12	240	897170	20.00	ng		0.00
86) Perylene-d12	23.34	264	1039460	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	2004328	148.95	ng		0.00
7) Phenol-d6	6.84	99	2131918	116.47	ng		0.04
23) Nitrobenzene-d5	8.77	82	1906763	153.16	ng		0.02
42) 2,4,6-Tribromophenol	15.79	330	645379	159.39	ng		0.02
45) 2-Fluorobiphenyl	12.90	172	2497437	103.15	ng		0.02
79) Terphenyl-d14	19.61	244	3516377	94.92	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.58	79	50695	2.863	ng		89
10) Phenol	6.88	94	6062914	301.014	ng		93
17) 2-Methylphenol	8.12	107	5614612	390.287	ng	#	91
20) 3+4-Methylphenols	8.47	107	10283603	526.042	ng		90
27) 2,4-Dimethylphenol	9.65	122	7379564	775.139	ng		94
31) Naphthalene	10.45	128	453888	12.931	ng		99
37) 2-Methylnaphthalene	12.07	142	181472	7.373	ng		96
38) 1-Methylnaphthalene	12.29	142	121106	5.183	ng	#	98
49) Acenaphthylene	14.02	152	1065581	29.115	ng	#	78
54) 2,4-Dinitrophenol	14.40	184	149158	47.034	ng	#	64
63) Azobenzene	15.63	77	83823	2.858	ng	#	62

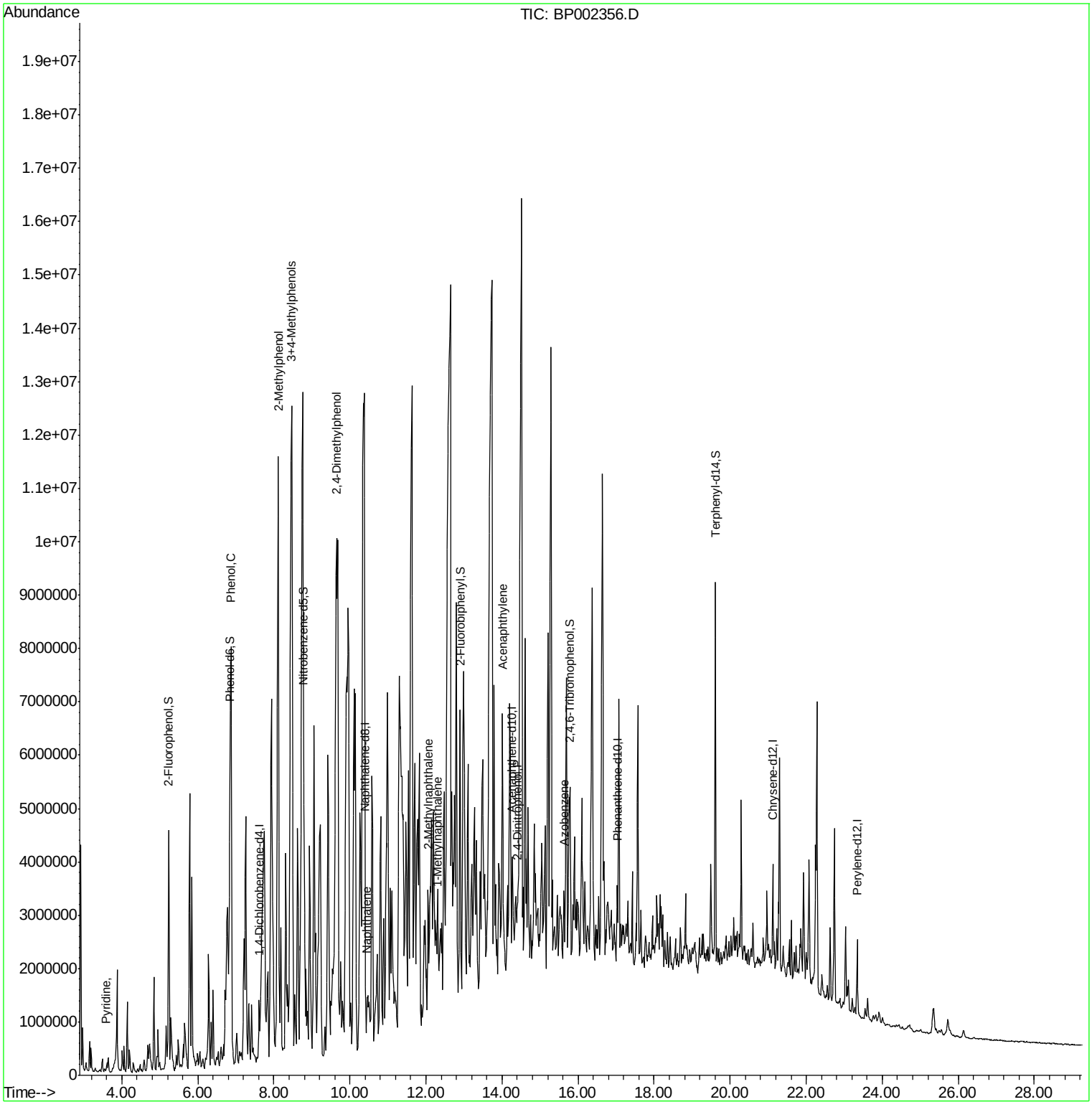
(#) = qualifier out of range (m) = manual integration (+) = signals summed

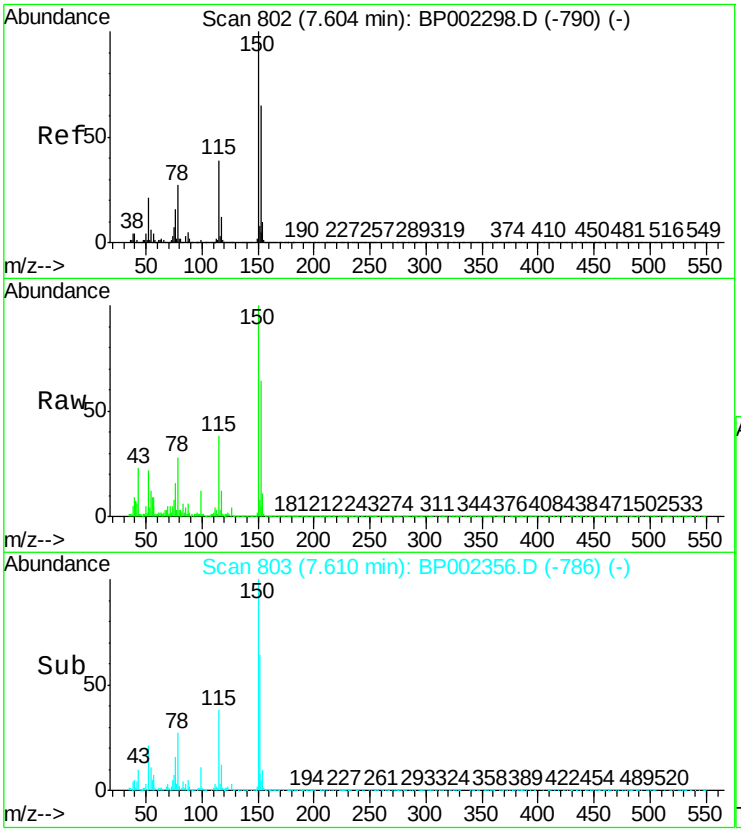
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060220\
Data File : BP002356.D
Acq On : 02 Jun 2020 14:19
Operator : CG/JU
Sample : L2822-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AP7

Quant Time: Jun 02 17:20:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 02 12:11:53 2020
Response via : Initial Calibration



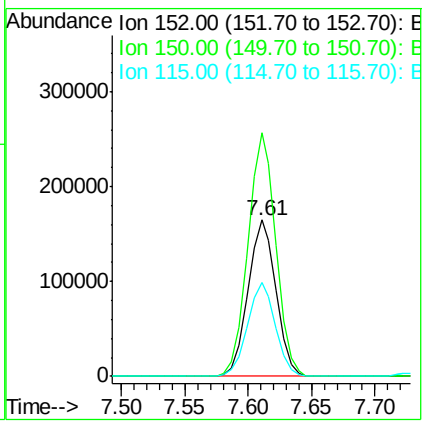


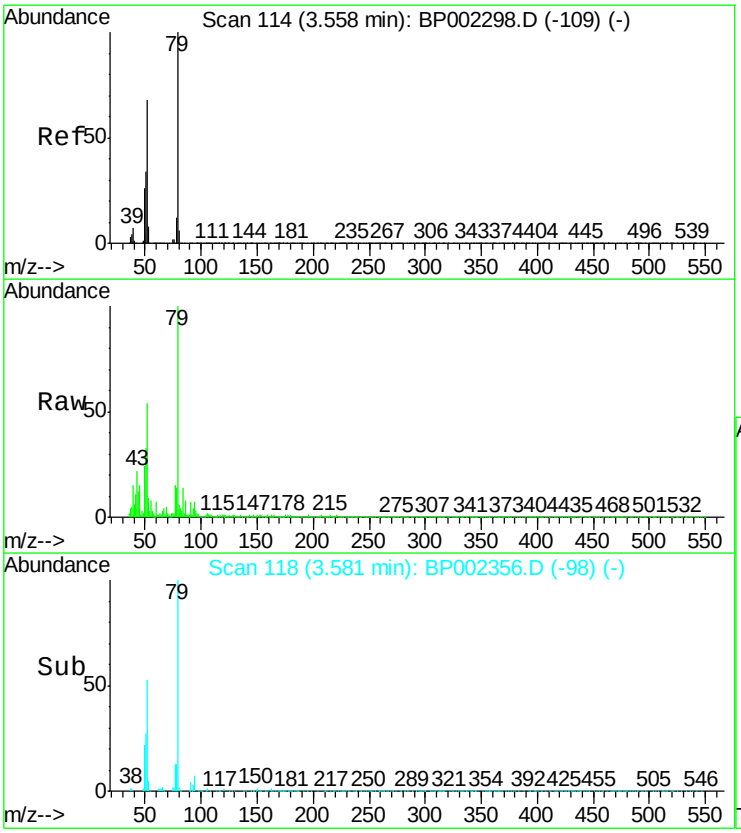
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 803
Delta R.T. 0.00 min
Lab File: BP002356.D
Acq: 02 Jun 2020 14:19

Instrument :
BNA_P
ClientSampleId :
C0AP7

Tgt Ion:152 Resp: 252721

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.7	187.1
115	59.7	49.4	74.2

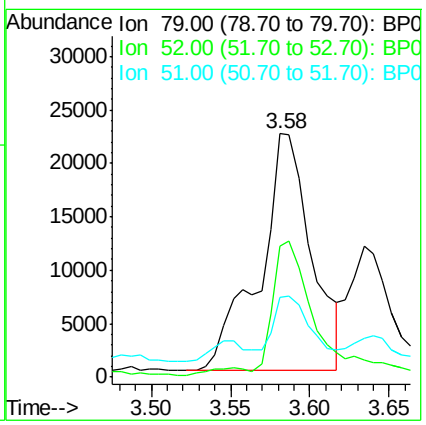


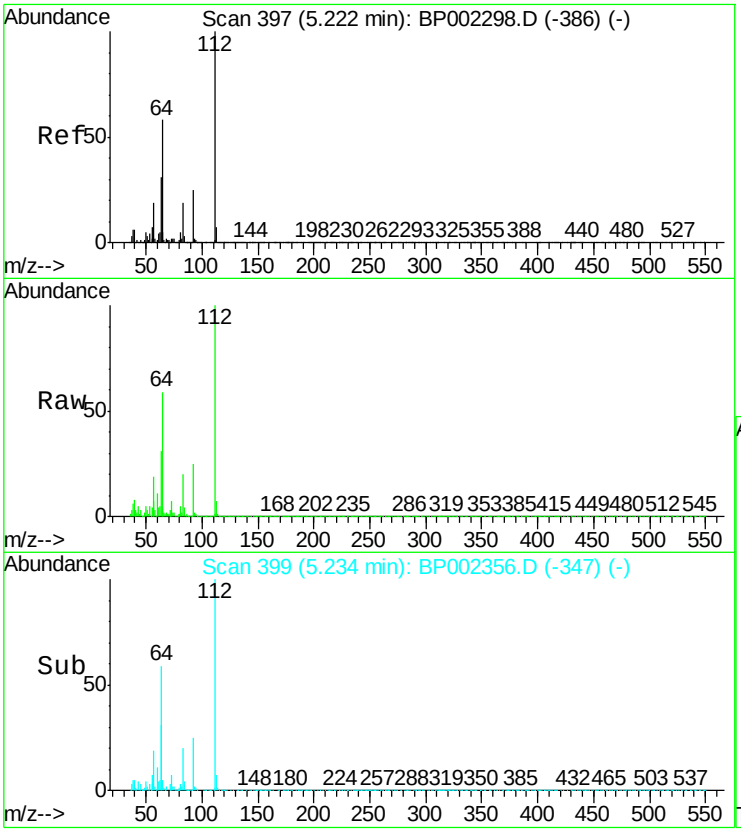


#3
Pyridine
Concen: 2.863 ng
RT: 3.58 min Scan# 118
Delta R.T. 0.02 min
Lab File: BP002356.D
Acq: 02 Jun 2020 14:19

Tgt Ion: 79 Resp: 50695

Ion	Ratio	Lower	Upper
79	100		
52	53.9	53.4	80.2
51	32.8	27.0	40.6



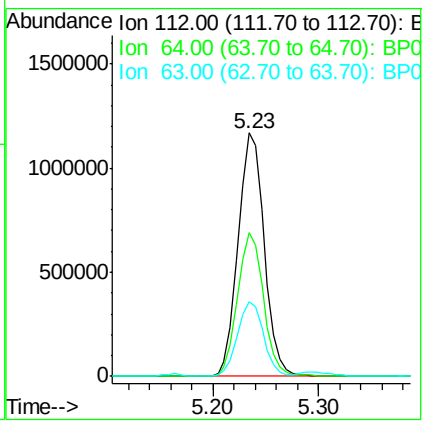


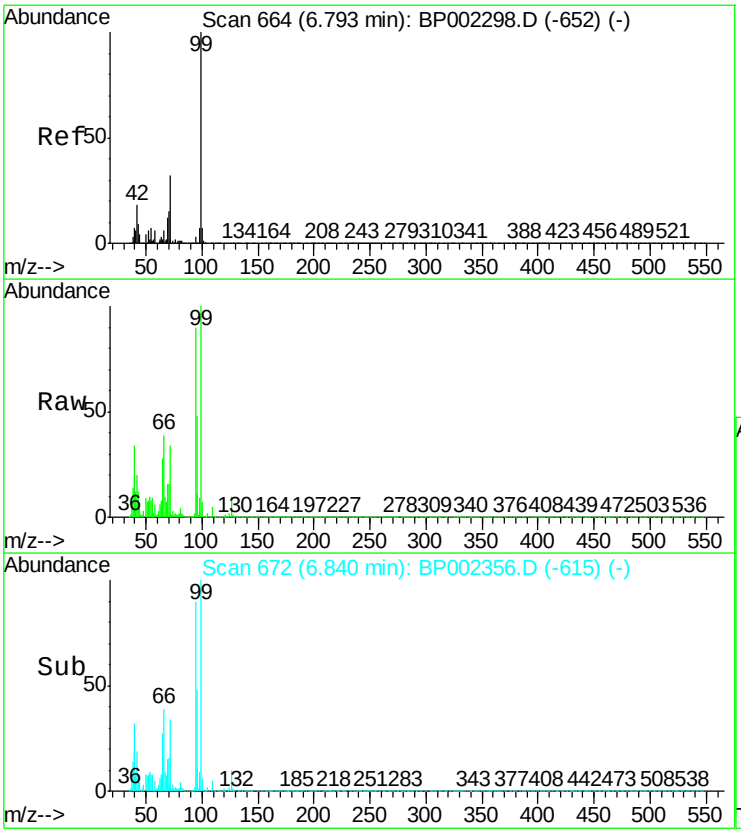
#5
2-Fluorophenol
Concen: 148.955 ng
RT: 5.23 min Scan# 399
Delta R.T. 0.01 min
Lab File: BP002356.D
Acq: 02 Jun 2020 14:19

Instrument :
BNA_P
ClientSampleId :
C0AP7

Tgt Ion:112 Resp: 2004328

Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.0	70.4
63	30.7	24.0	36.0

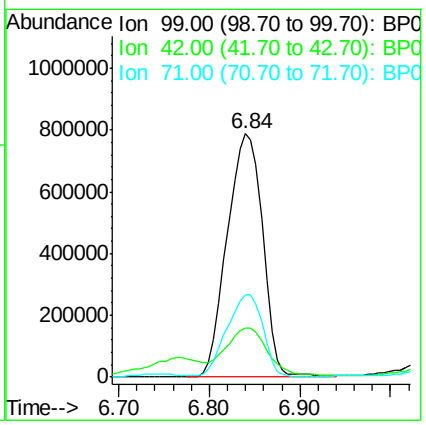


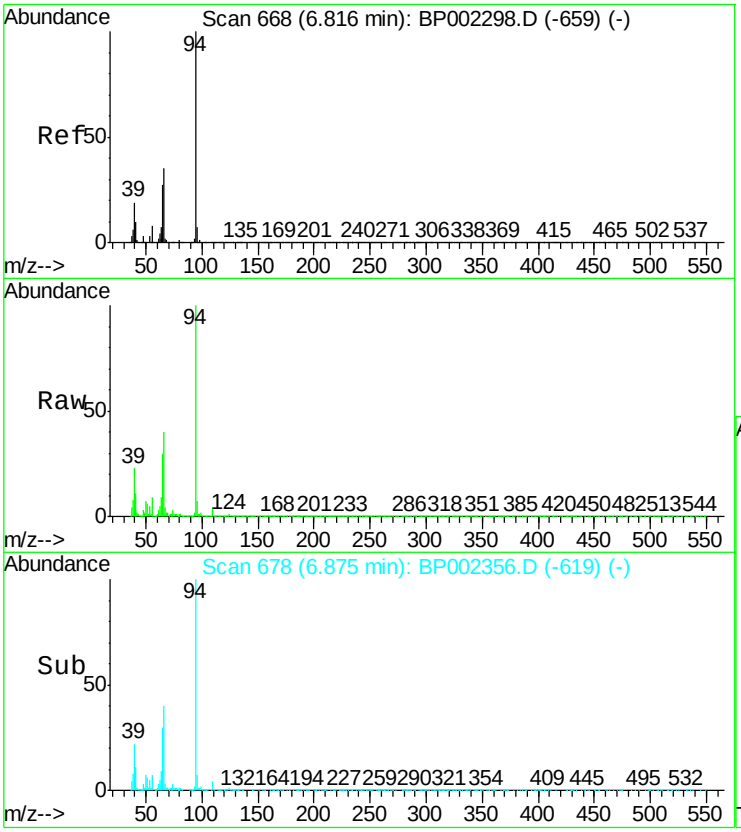


#7
Phenol-d6
Concen: 116.469 ng
RT: 6.84 min Scan# 672
Delta R.T. 0.04 min
Lab File: BP002356.D
Acq: 02 Jun 2020 14:19

Tgt Ion: 99 Resp: 2131918

Ion	Ratio	Lower	Upper
99	100		
42	20.0	13.9	20.9
71	34.0	25.8	38.8



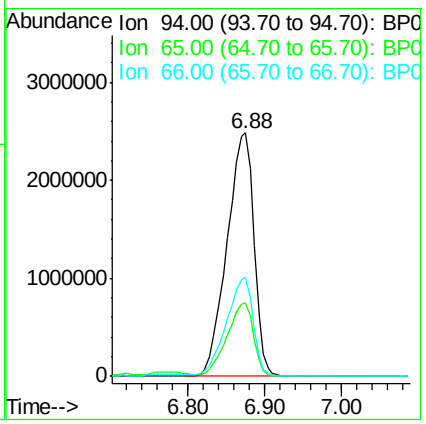


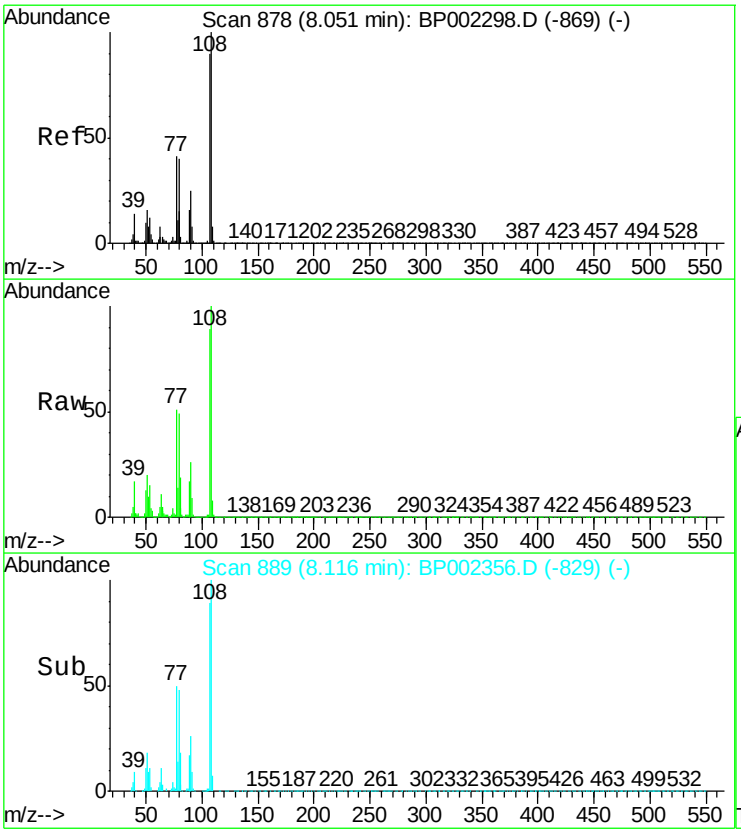
#10
Phenol
Concen: 301.014 ng
RT: 6.88 min Scan# 678
Delta R.T. 0.05 min
Lab File: BP002356.D
Acq: 02 Jun 2020 14:19

Instrument :
BNA_P
ClientSampleId :
C0AP7

Tgt Ion: 94 Resp: 6062914

Ion	Ratio	Lower	Upper
94	100		
65	30.3	7.2	47.2
66	40.4	16.2	56.2

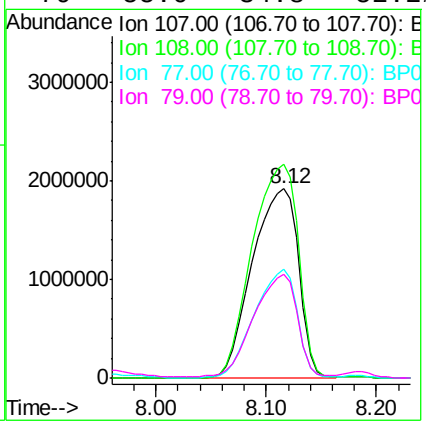


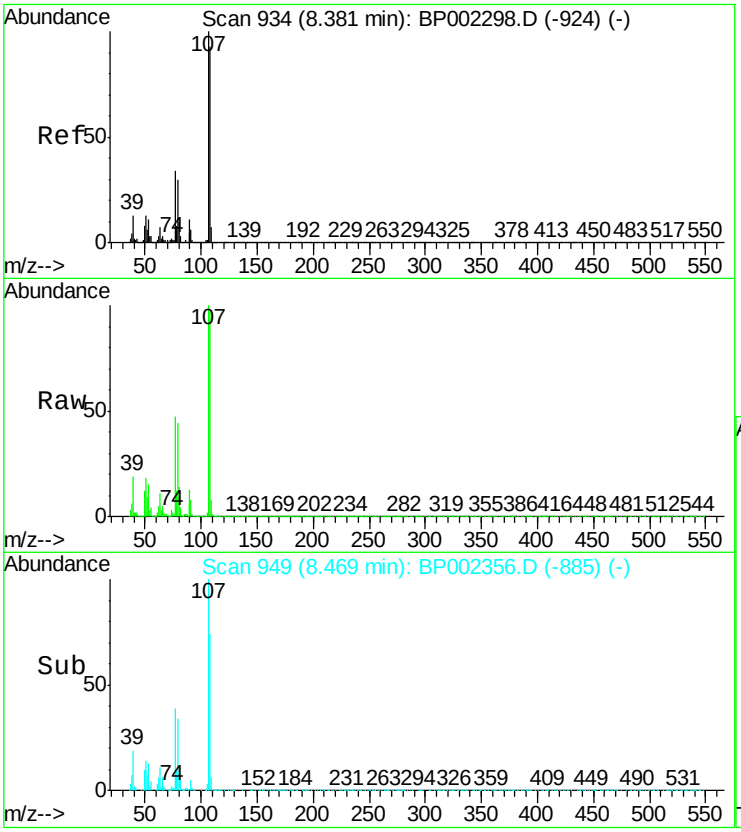


#17
2-Methylphenol
Concen: 390.287 ng
RT: 8.12 min Scan# 889
Delta R.T. 0.05 min
Lab File: BP002356.D
Acq: 02 Jun 2020 14:19

Tgt Ion:107 Resp: 5614612

Ion	Ratio	Lower	Upper
107	100		
108	112.9	89.0	133.4
77	57.3	37.0	55.4#
79	55.0	34.8	52.2#



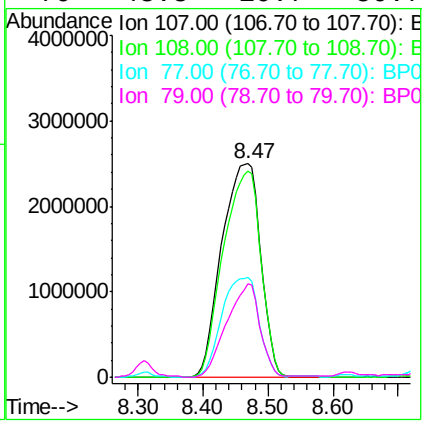


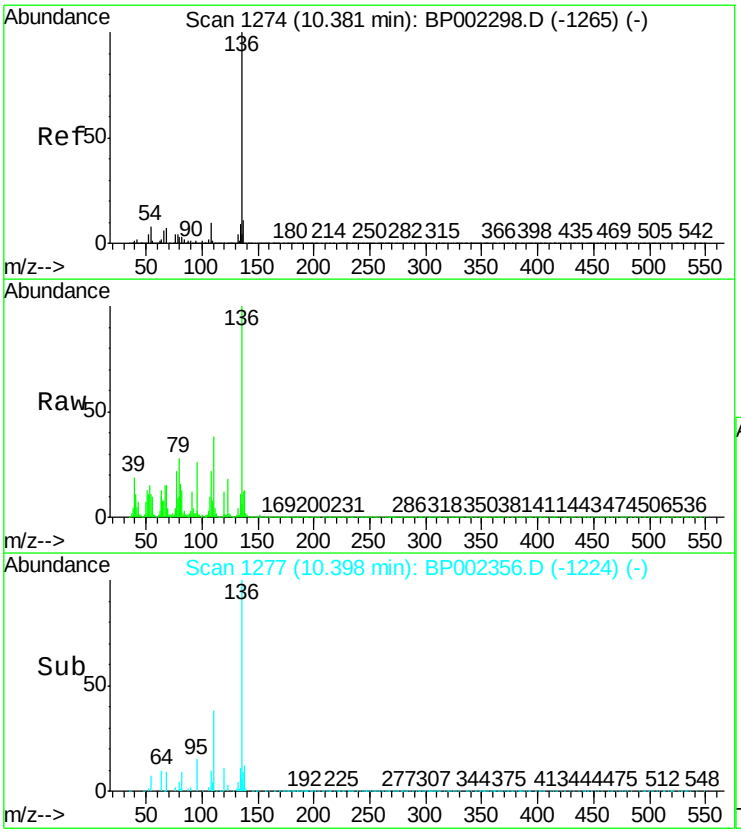
#20
3+4-Methylphenols
Concen: 526.042 ng
RT: 8.47 min Scan# 949
Delta R.T. 0.08 min
Lab File: BP002356.D
Acq: 02 Jun 2020 14:19

Instrument :
BNA_P
ClientSampleId :
C0AP7

Tgt Ion:107 Resp:10283603

Ion	Ratio	Lower	Upper
107	100		
108	96.5	74.7	114.7
77	46.6	14.4	54.4
79	43.8	10.7	50.7

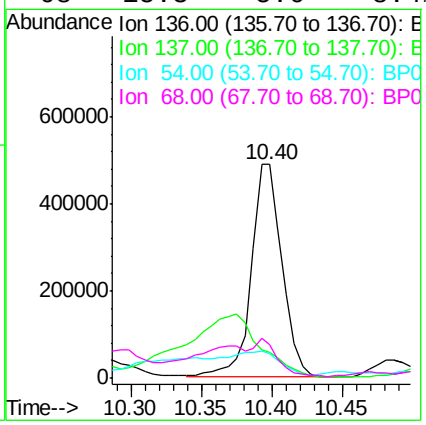


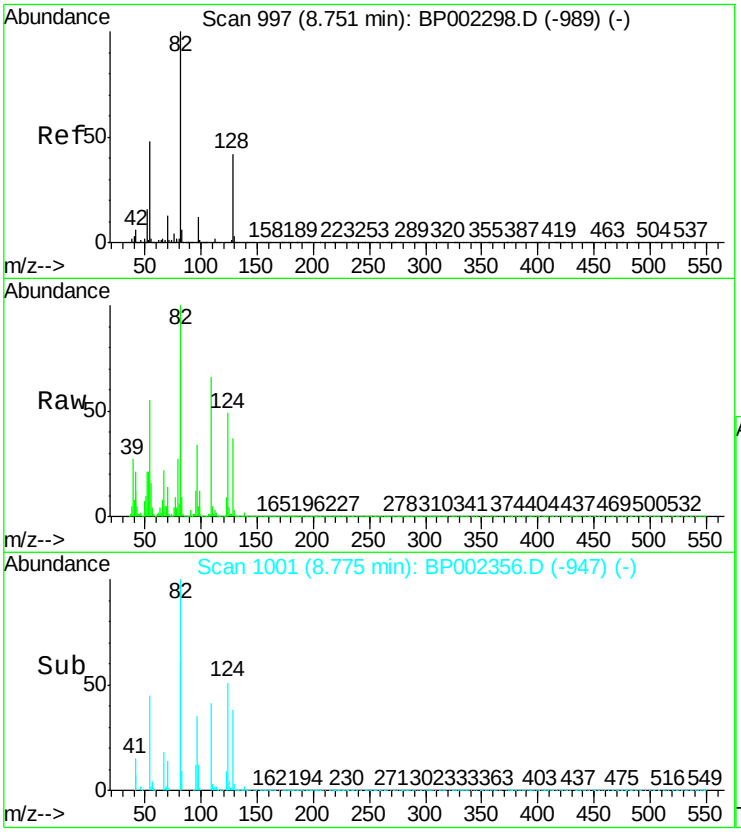


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BP002356.D
Acq: 02 Jun 2020 14:19

Tgt Ion:136 Resp: 748487

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.8	13.2
54	11.2	6.9	10.3#
68	15.3	5.6	8.4#



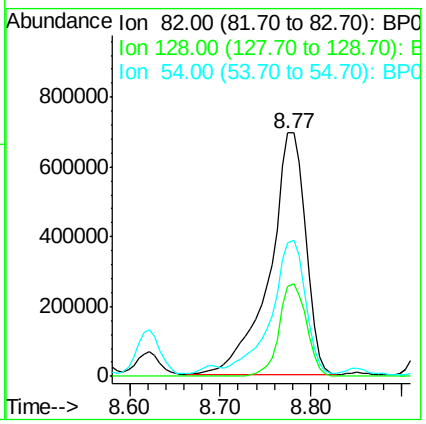


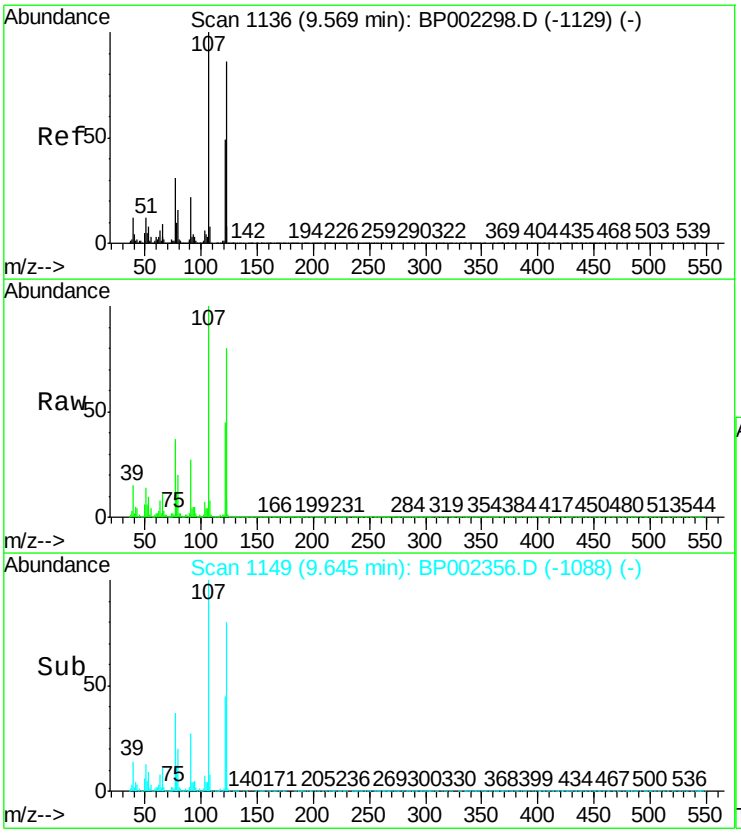
#23
Nitrobenzene-d5
Concen: 153.161 ng
RT: 8.77 min Scan# 1001
Delta R.T. 0.02 min
Lab File: BP002356.D
Acq: 02 Jun 2020 14:19

Instrument :
BNA_P
ClientSampleId :
C0AP7

Tgt Ion: 82 Resp: 1906763

Ion	Ratio	Lower	Upper
82	100		
128	37.0	33.4	50.0
54	54.8	38.3	57.5

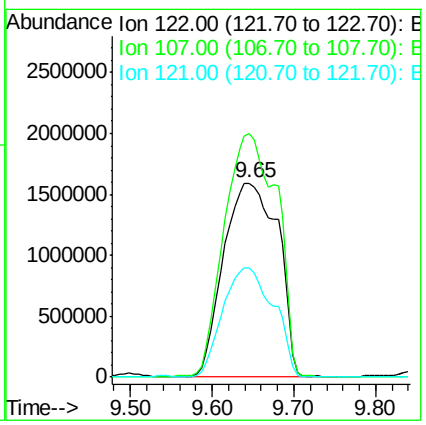


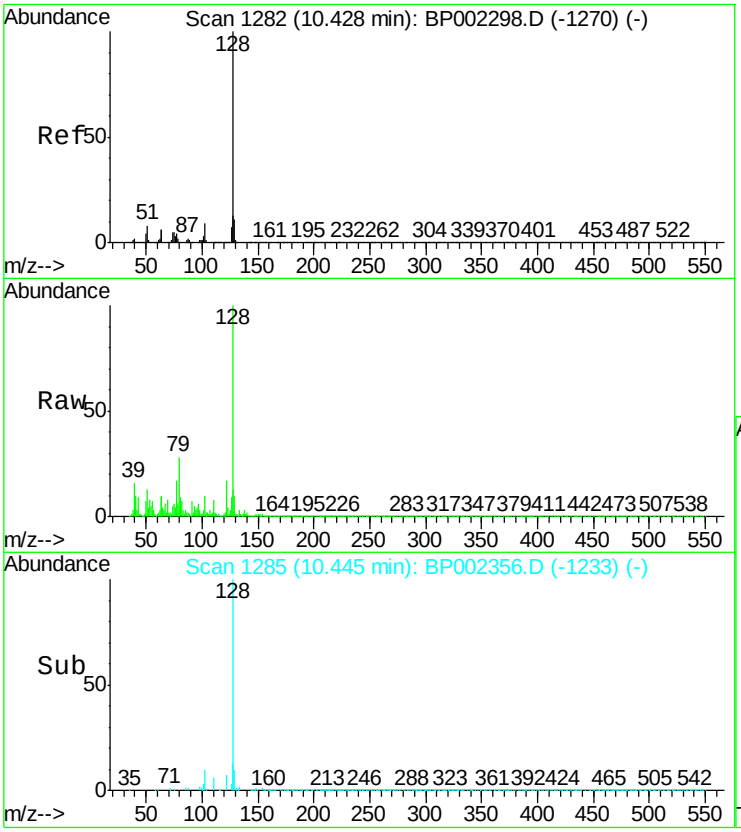


#27
2,4-Dimethylphenol
Concen: 775.139 ng
RT: 9.65 min Scan# 1149
Delta R.T. 0.06 min
Lab File: BP002356.D
Acq: 02 Jun 2020 14:19

Tgt Ion:122 Resp: 7379564

Ion	Ratio	Lower	Upper
122	100		
107	125.3	93.7	140.5
121	56.0	47.1	70.7



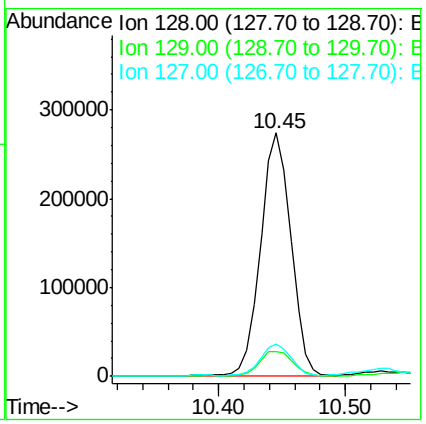


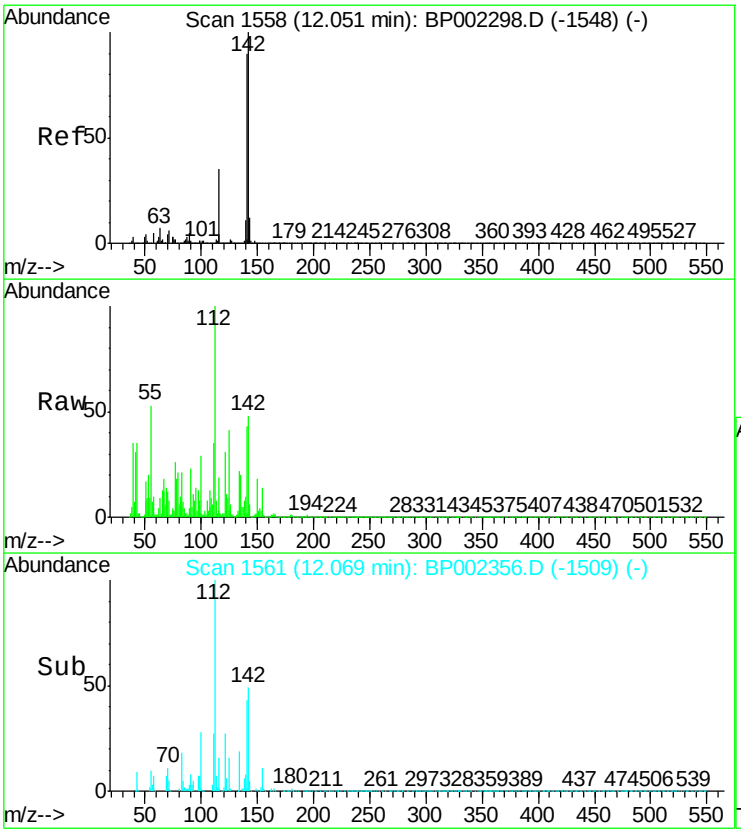
#31
Naphthalene
Concen: 12.931 ng
RT: 10.45 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BP002356.D
Acq: 02 Jun 2020 14:19

Instrument :
BNA_P
ClientSampleId :
C0AP7

Tgt Ion:128 Resp: 453888

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.7	13.1
127	13.1	10.5	15.7

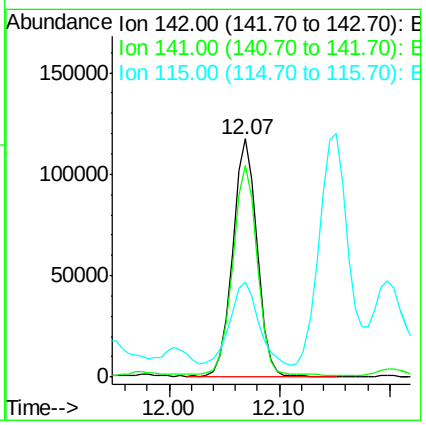


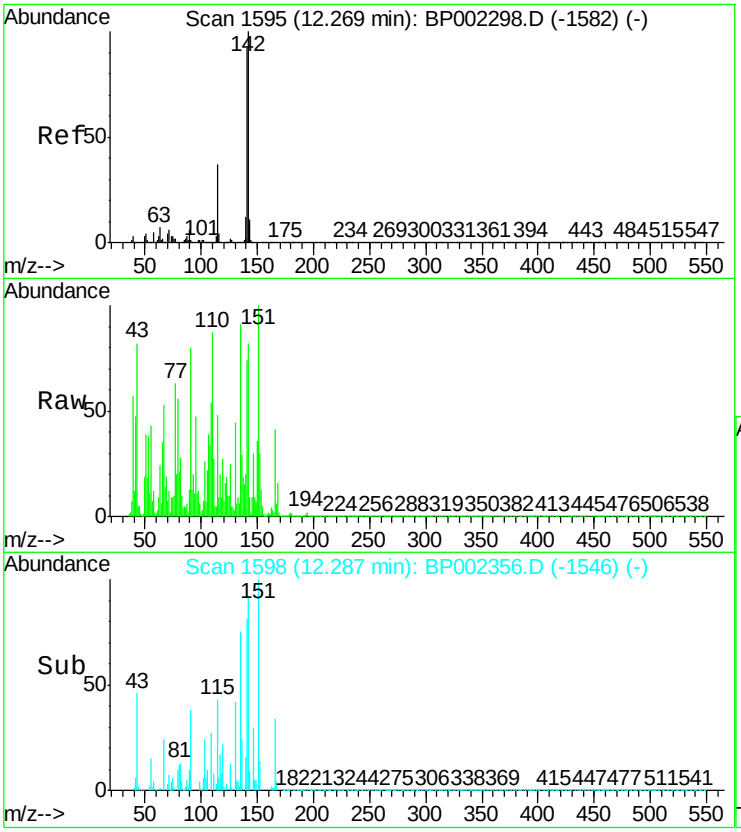


#37
2-Methylnaphthalene
Concen: 7.373 ng
RT: 12.07 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BP002356.D
Acq: 02 Jun 2020 14:19

Tgt Ion:142 Resp: 181472

Ion	Ratio	Lower	Upper
142	100		
141	88.7	69.7	104.5
115	40.2	28.1	42.1



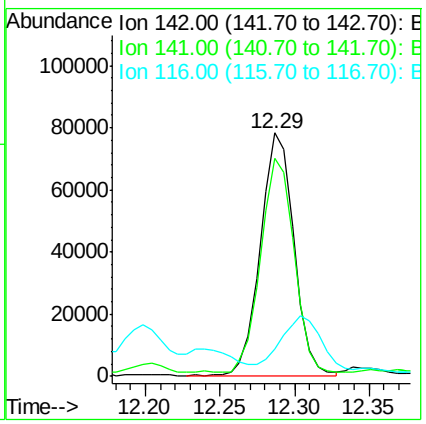


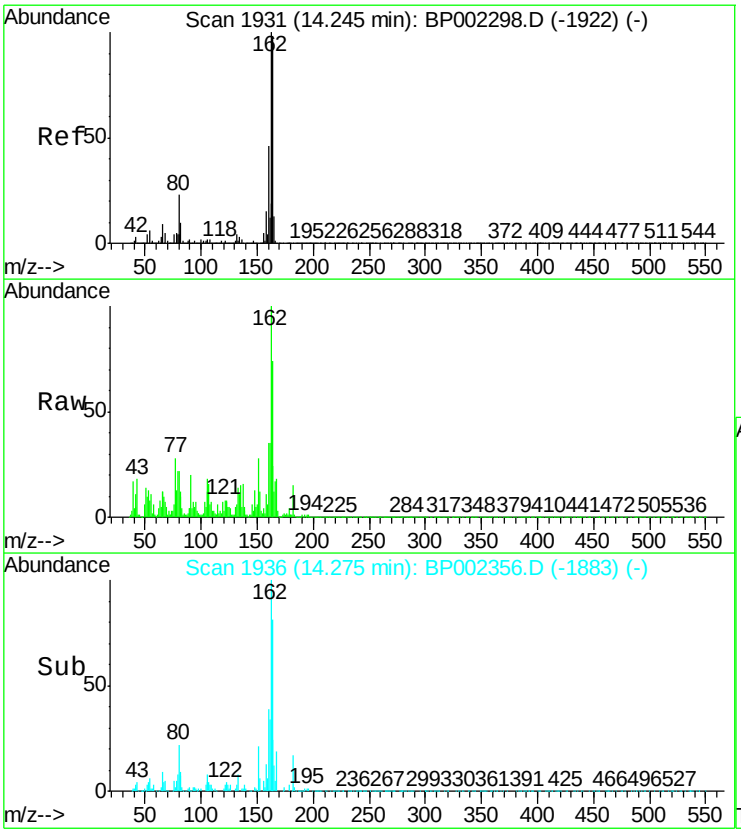
#38
1-Methylnaphthalene
Concen: 5.183 ng
RT: 12.29 min Scan# 1598
Delta R.T. 0.01 min
Lab File: BP002356.D
Acq: 02 Jun 2020 14:19

Instrument :
BNA_P
ClientSampleId :
C0AP7

Tgt Ion:142 Resp: 121106

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.8	109.2
116	11.1	3.1	4.7#

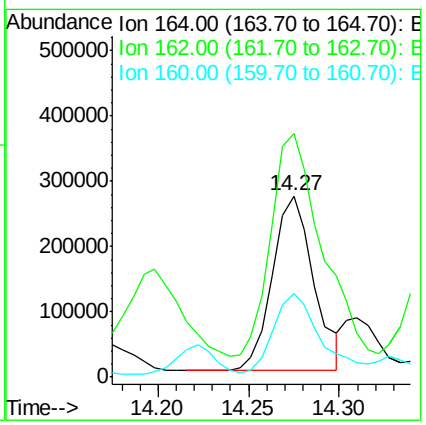


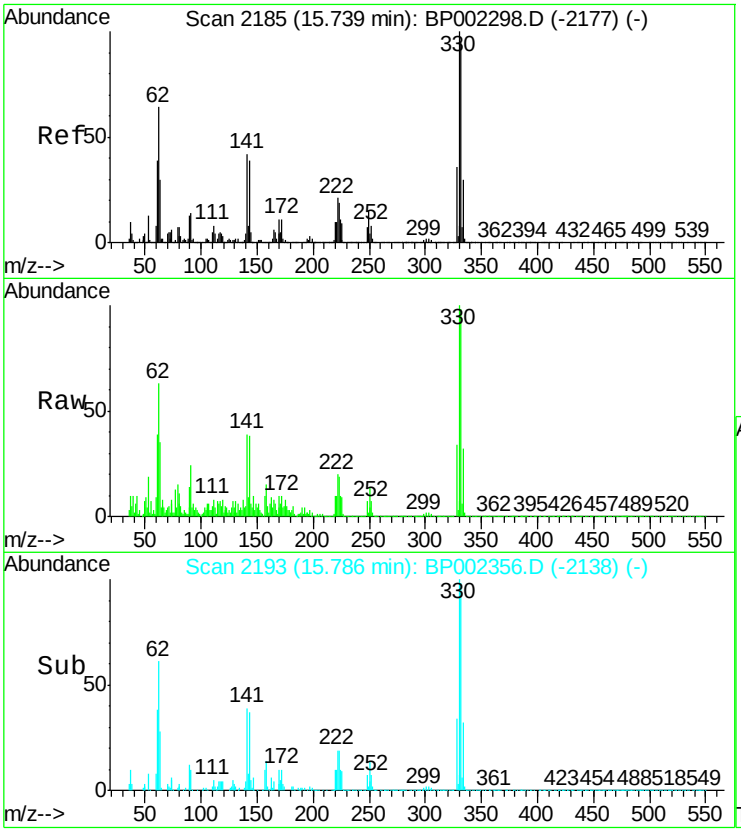


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.27 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BP002356.D
Acq: 02 Jun 2020 14:19

Tgt Ion:164 Resp: 427235

Ion	Ratio	Lower	Upper
164	100		
162	134.4	81.3	121.9#
160	46.5	37.2	55.8



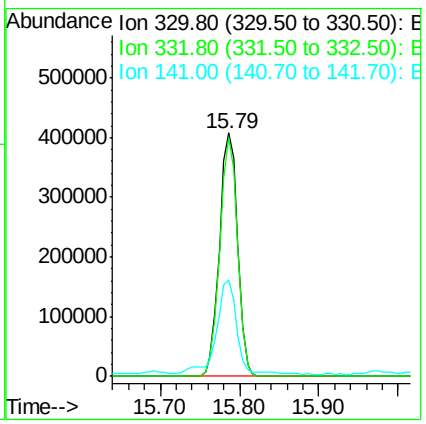


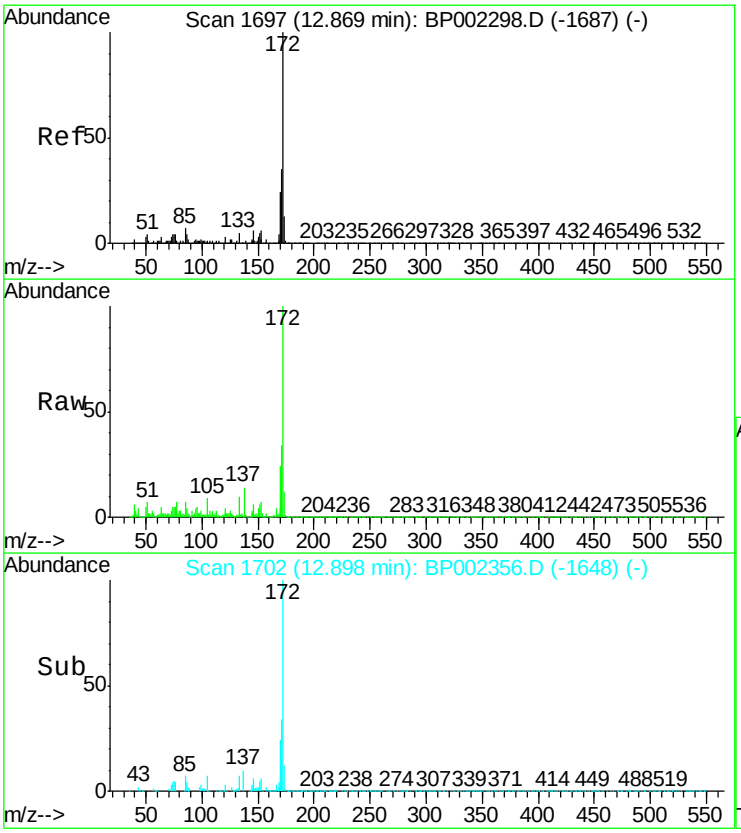
#42
2,4,6-Tribromophenol
Concen: 159.387 ng
RT: 15.79 min Scan# 2193
Delta R.T. 0.02 min
Lab File: BP002356.D
Acq: 02 Jun 2020 14:19

Instrument :
BNA_P
ClientSampleId :
C0AP7

Tgt Ion:330 Resp: 645379

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.9	115.3
141	41.8	31.4	47.2

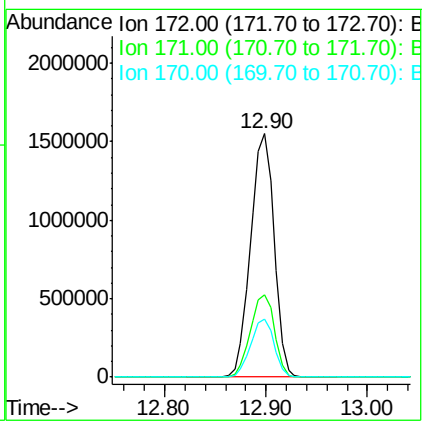


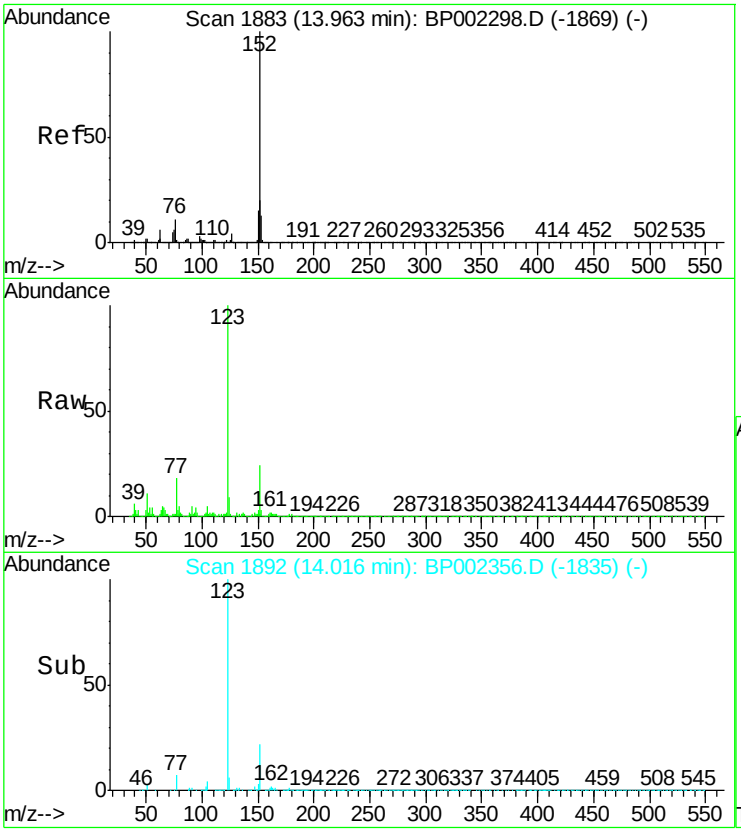


#45
2-Fluorobiphenyl
Concen: 103.147 ng
RT: 12.90 min Scan# 1702
Delta R.T. 0.02 min
Lab File: BP002356.D
Acq: 02 Jun 2020 14:19

Tgt Ion:172 Resp: 2497437

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.6	41.4
170	23.8	18.9	28.3



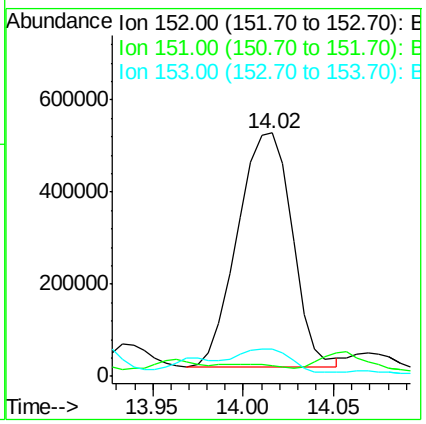


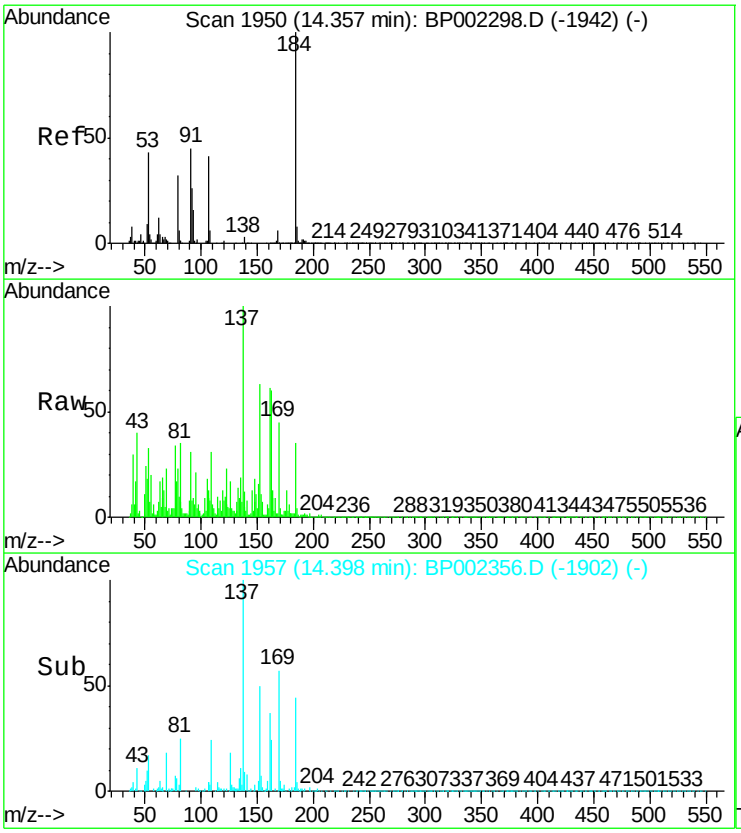
#49
Acenaphthylene
Concen: 29.115 ng
RT: 14.02 min Scan# 1892
Delta R.T. 0.04 min
Lab File: BP002356.D
Acq: 02 Jun 2020 14:19

Instrument :
BNA_P
ClientSampleId :
C0AP7

Tgt Ion:152 Resp: 1065581

Ion	Ratio	Lower	Upper
152	100		
151	4.3	15.9	23.9#
153	11.3	10.4	15.6

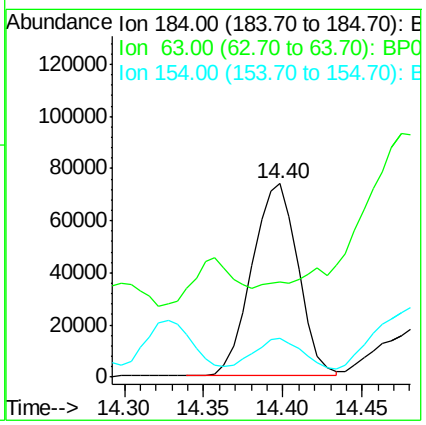


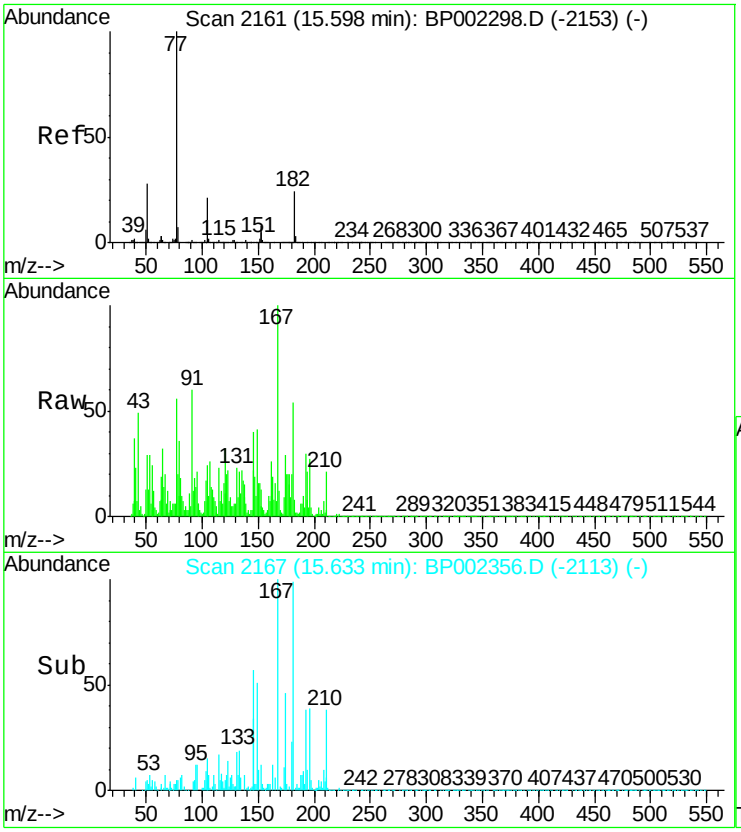


#54
2,4-Dinitrophenol
Concen: 47.034 ng
RT: 14.40 min Scan# 1957
Delta R.T. 0.02 min
Lab File: BP002356.D
Acq: 02 Jun 2020 14:19

Tgt Ion:184 Resp: 149158

Ion	Ratio	Lower	Upper
184	100		
63	49.0	53.6	80.4#
154	20.1	47.4	71.2#



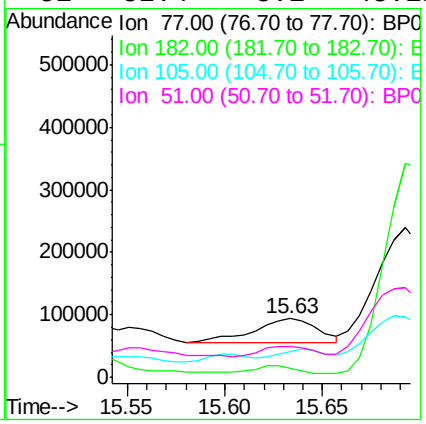


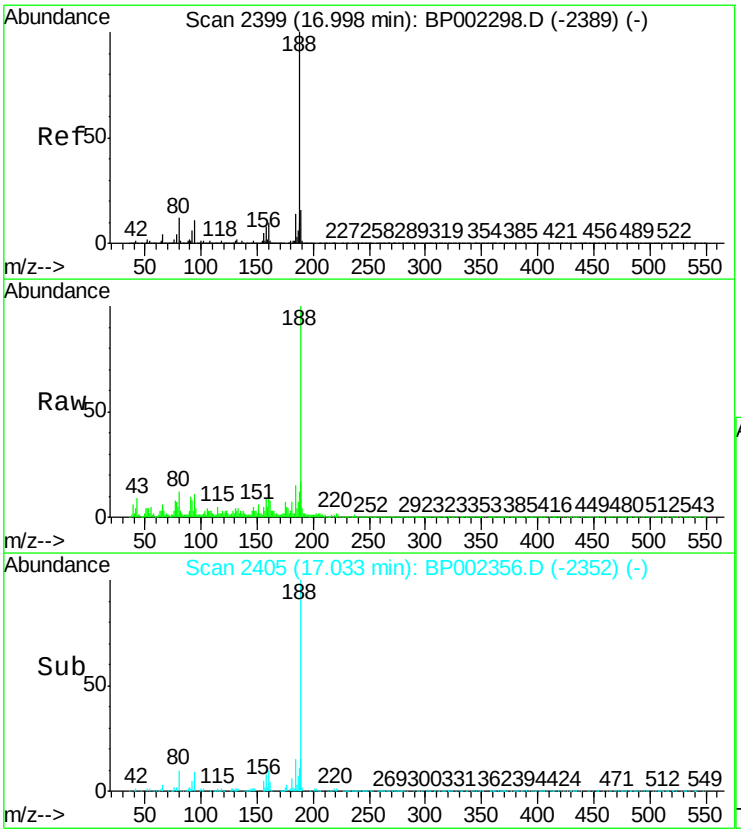
#63
Azobenzene
Concen: 2.858 ng
RT: 15.63 min Scan# 2167
Delta R.T. 0.02 min
Lab File: BP002356.D
Acq: 02 Jun 2020 14:19

Instrument :
BNA_P
ClientSampleId :
C0AP7

Tgt Ion: 77 Resp: 83823

Ion	Ratio	Lower	Upper
77	100		
182	14.3	4.4	44.4
105	43.7	1.1	41.1#
51	52.4	8.1	48.1#

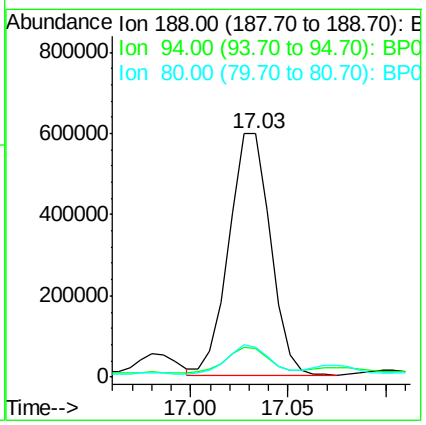


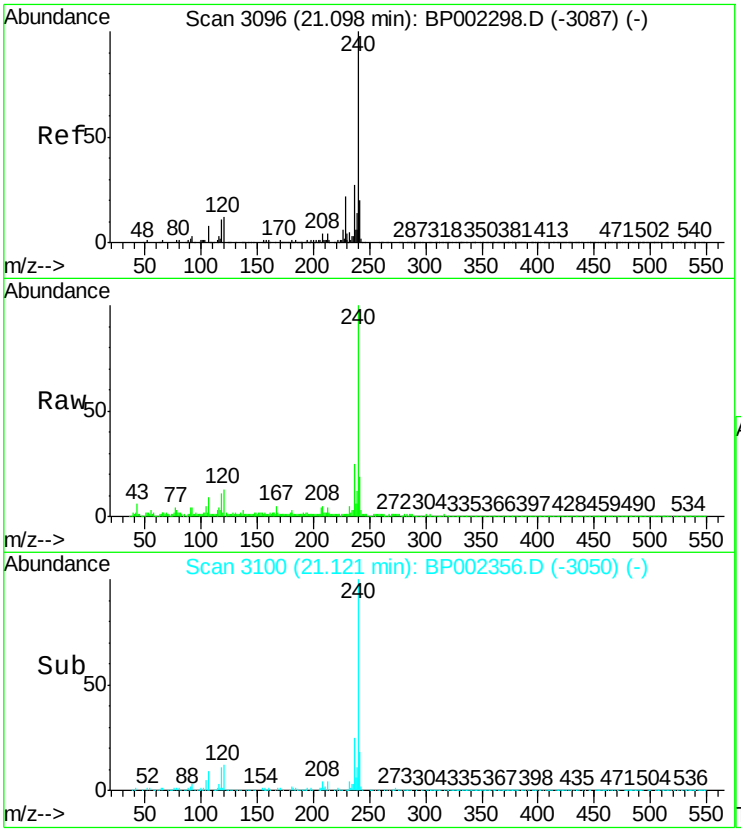


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.03 min Scan# 2405
Delta R.T. 0.01 min
Lab File: BP002356.D
Acq: 02 Jun 2020 14:19

Tgt Ion:188 Resp: 874563

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.7	13.1
80	12.1	9.3	13.9



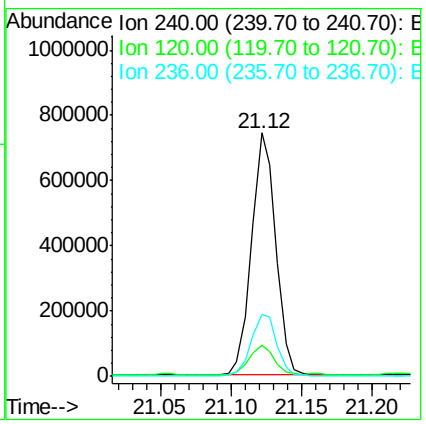


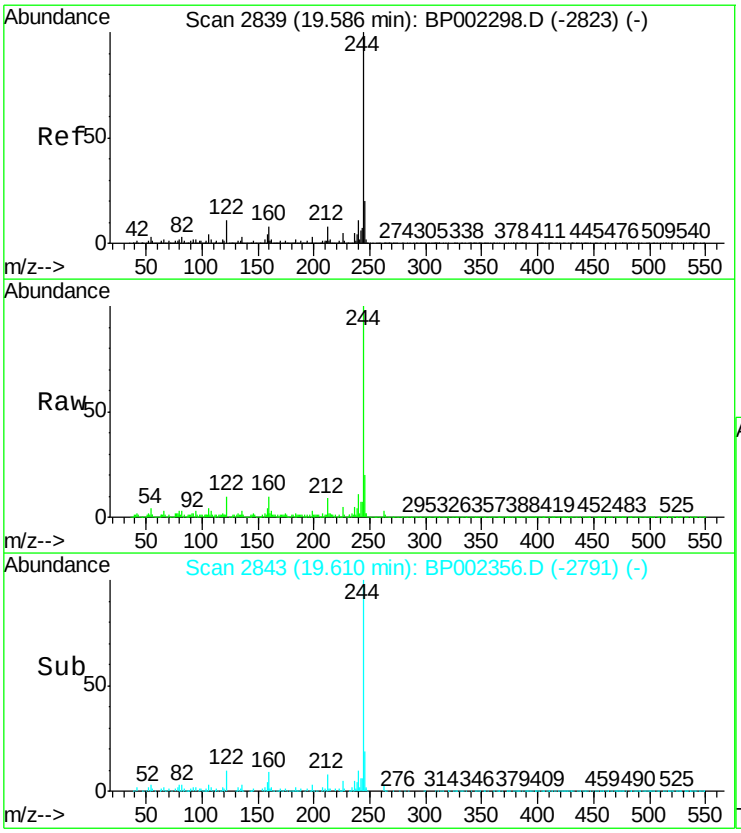
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.12 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BP002356.D
Acq: 02 Jun 2020 14:19

Instrument :
BNA_P
ClientSampleId :
C0AP7

Tgt Ion:240 Resp: 897170

Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.7	13.1
236	25.2	21.0	31.4

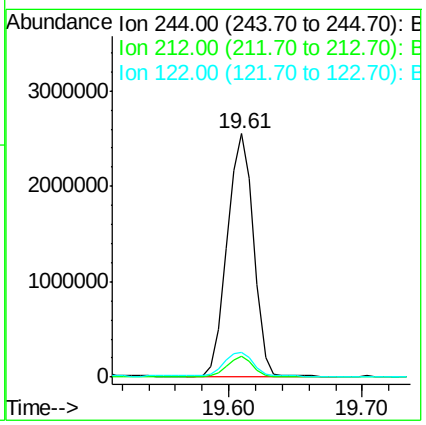


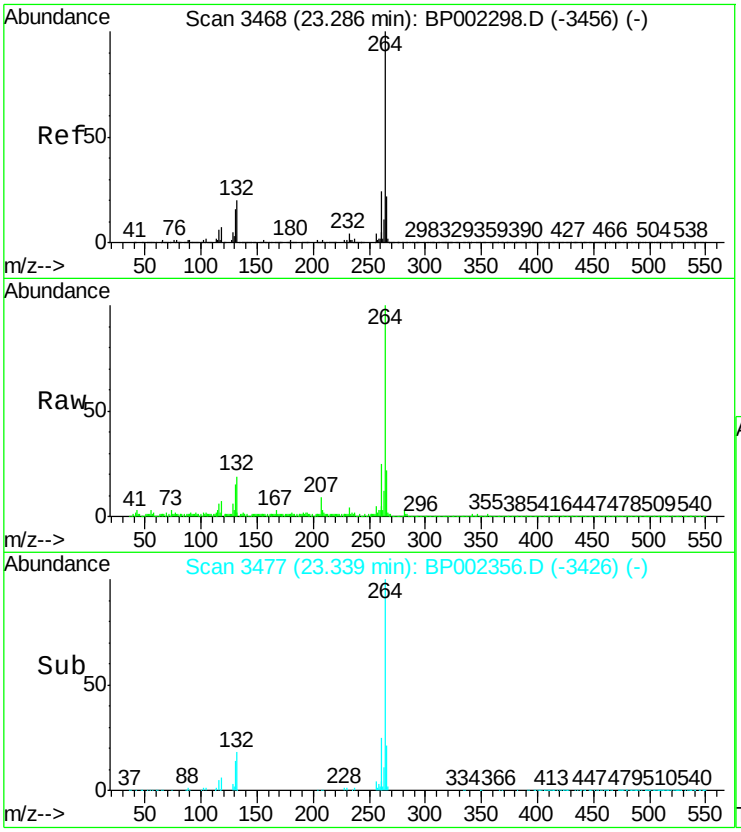


#79
Terphenyl-d14
Concen: 94.917 ng
RT: 19.61 min Scan# 2843
Delta R.T. 0.01 min
Lab File: BP002356.D
Acq: 02 Jun 2020 14:19

Tgt Ion:244 Resp: 3516377

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.4	9.6
122	10.1	9.4	14.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.34 min Scan# 3477
Delta R.T. 0.00 min
Lab File: BP002356.D
Acq: 02 Jun 2020 14:19

Instrument :
BNA_P
ClientSampleId :
C0AP7

Tgt Ion:264 Resp: 1039460

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.1	17.8	26.6