Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070720\
Data File : BP002652.D
Acq On : 07 Jul 2020 11:45
Operator : CG/JU
Sample : PB129955BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB129955BL

Quant Time: Jul 07 13:01:58 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	234983	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	875962	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	528346	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1073915	20.00	ng	0.00
76) Chrysene-d12	21.09	240	991635	20.00	ng	0.00
86) Perylene-d12	23.28	264	1134782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1702478	122.67	ng	0.00
7) Phenol-d6	6.76	99	2178351	112.45	ng	0.00
23) Nitrobenzene-d5	8.72	82	1418071	83.41	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	896868	139.56	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	3173976	88.42	ng	0.00
79) Terphenyl-d14	19.57	244	4289578	93.37	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.72	77	162	Below Cal	#	46
32) Benzoic acid	9.71	122	23	8.701	ng	# 1
41) Hexachlorocyclopentadiene	12.42	237	25	4.384	ng	76
54) 2,4-Dinitrophenol	14.37	184	32	6.014	ng	# 74
56) 4-Nitrophenol	14.47	139	10	2.437	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.37	198	24	2.713	ng	# 1
70) Pentachlorophenol	16.39	266	26	2.665	ng	88
77) Benzidine	19.19	184	30	3.757	ng	# 53

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070720\
Data File : BP002652.D
Acq On : 07 Jul 2020 11:45
Operator : CG/JU
Sample : PB129955BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
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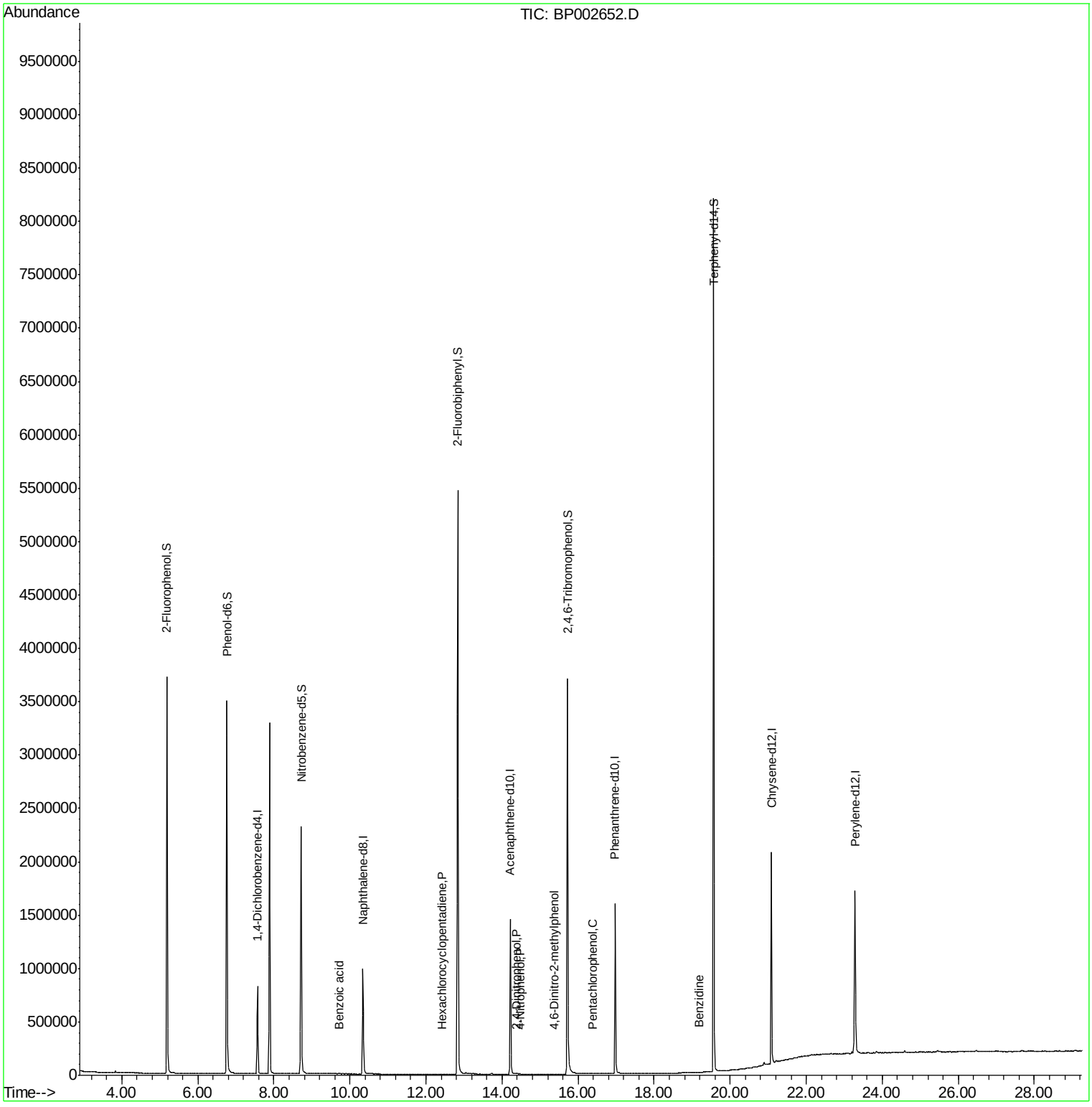
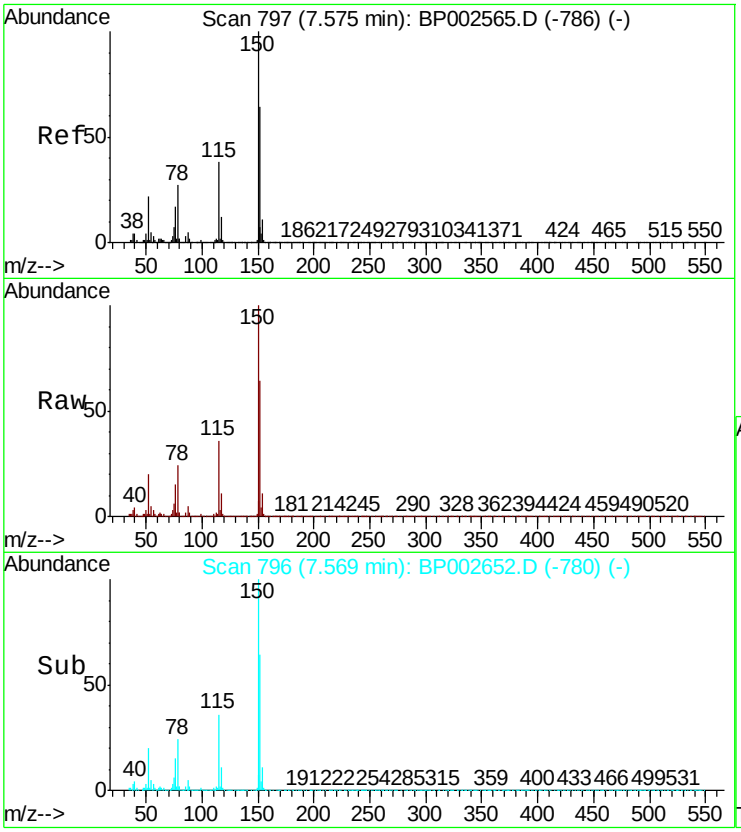
Quant Time: Jul 07 13:01:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration



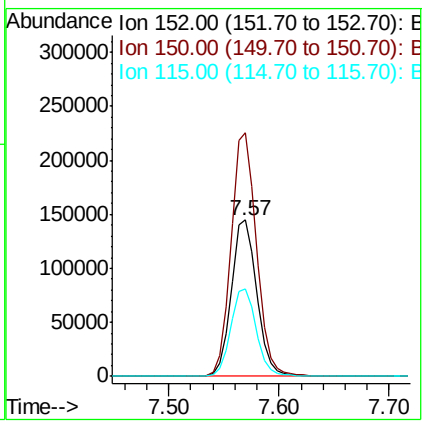


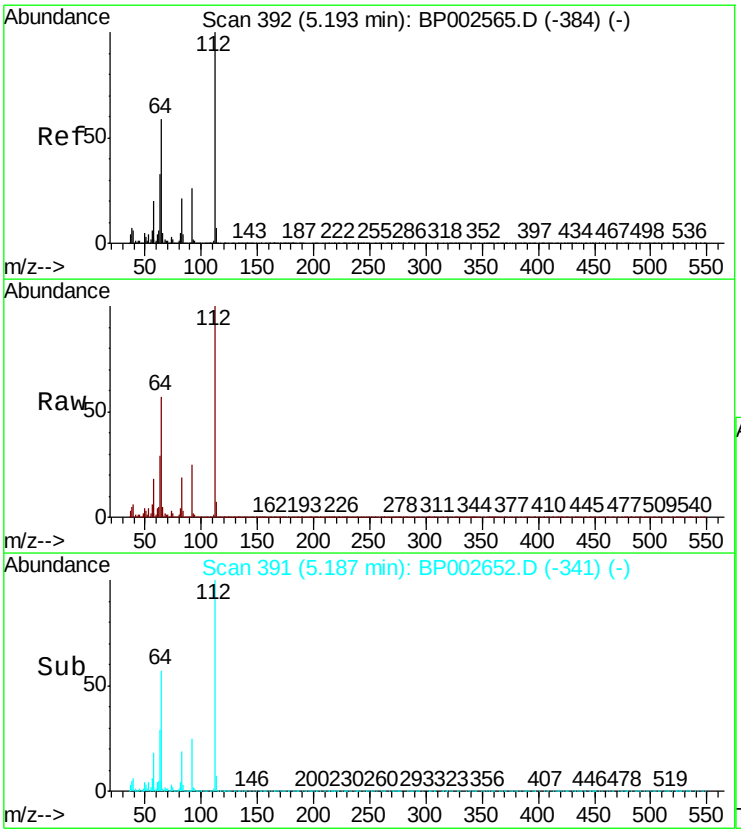
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002652.D
Acq: 07 Jul 2020 11:45

Instrument :
BNA_P
ClientSampleId :
PB129955BL

Tgt Ion:152 Resp: 234983

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.2	186.2
115	55.7	47.1	70.7

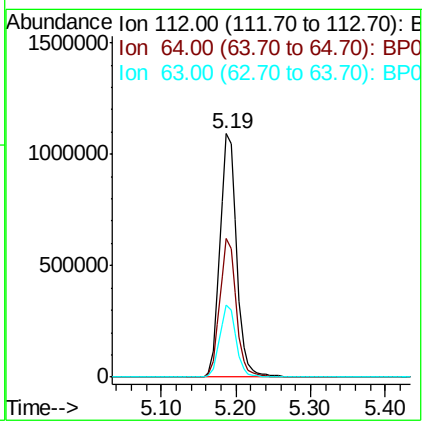


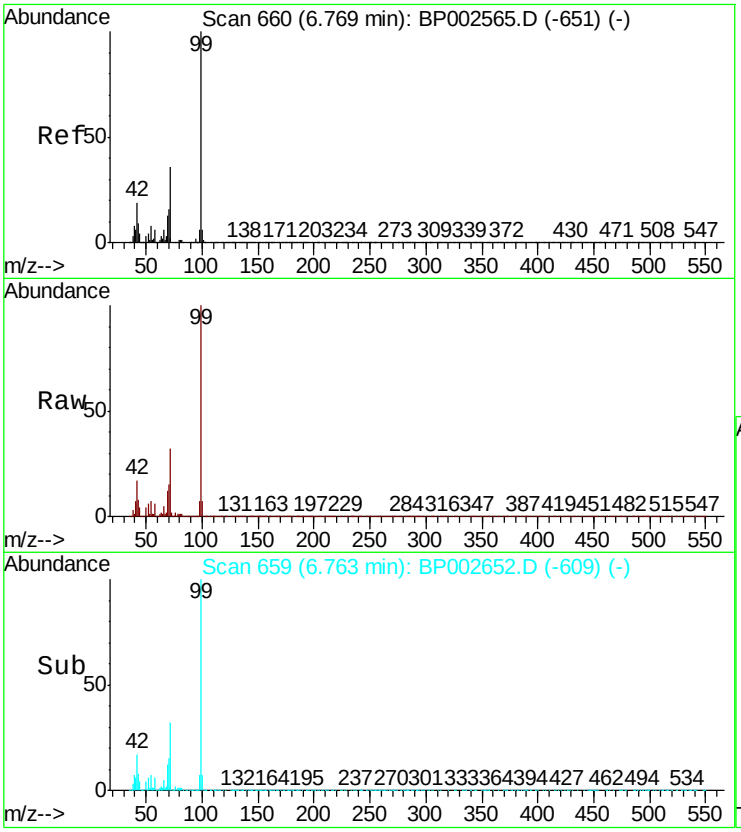


#5
2-Fluorophenol
Concen: 122.668 ng
RT: 5.19 min Scan# 391
Delta R.T. -0.01 min
Lab File: BP002652.D
Acq: 07 Jul 2020 11:45

Tgt Ion:112 Resp: 1702478

Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.0	70.6
63	29.4	26.1	39.1



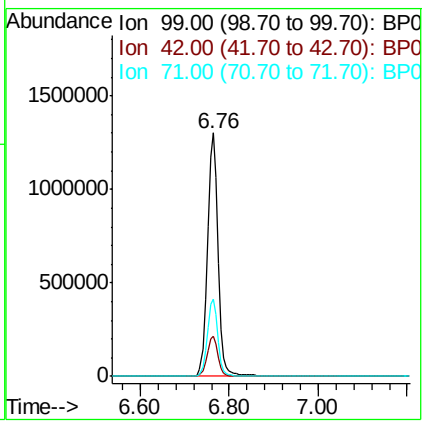


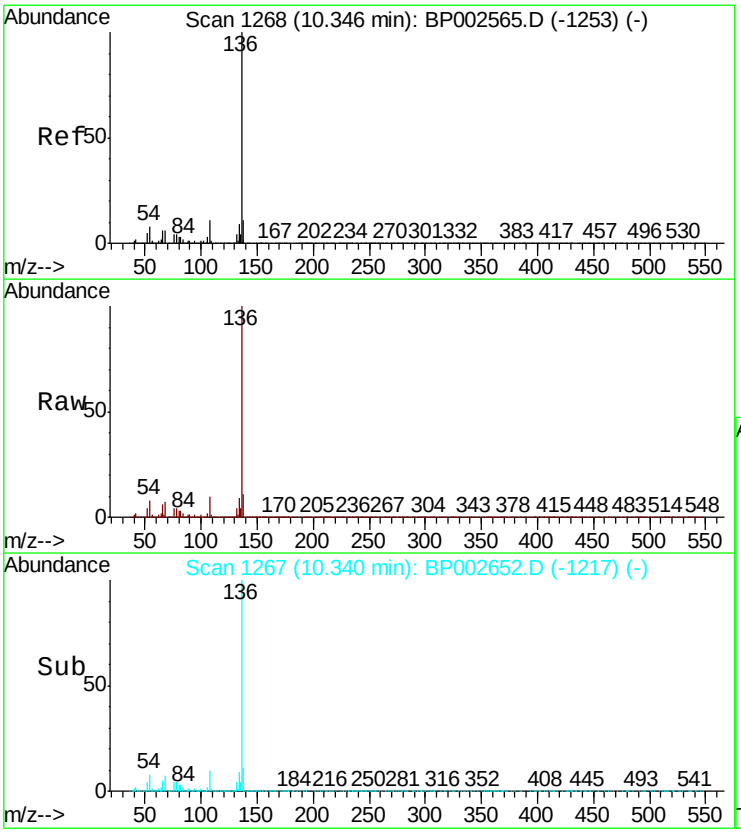
#7
Phenol-d6
Concen: 112.453 ng
RT: 6.76 min Scan# 659
Delta R.T. -0.01 min
Lab File: BP002652.D
Acq: 07 Jul 2020 11:45

Instrument :
BNA_P
ClientSampleId :
PB129955BL

Tgt Ion: 99 Resp: 2178351

Ion	Ratio	Lower	Upper
99	100		
42	16.7	15.5	23.3
71	31.9	28.9	43.3

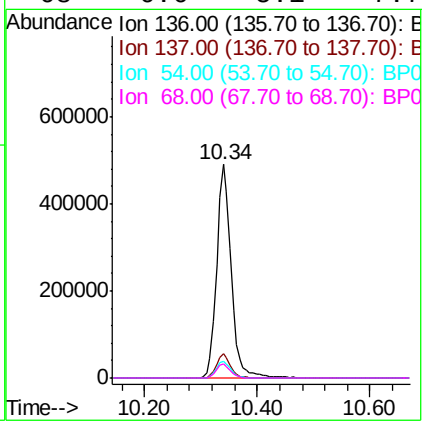


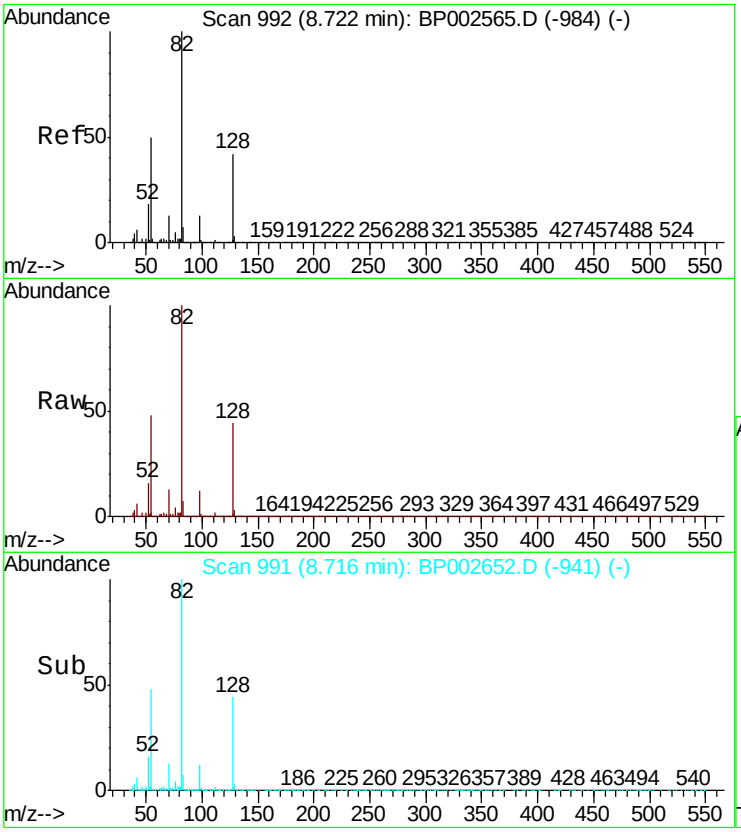


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002652.D
Acq: 07 Jul 2020 11:45

Tgt Ion:136 Resp: 875962

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.0	6.4	9.6
68	6.6	5.1	7.7



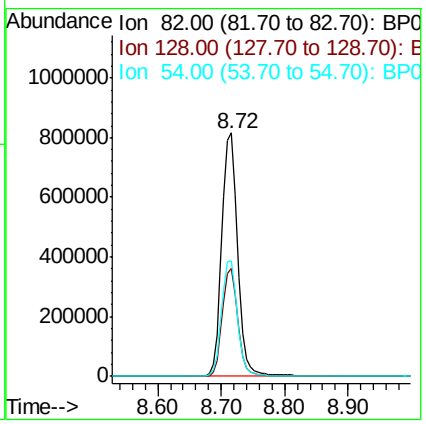


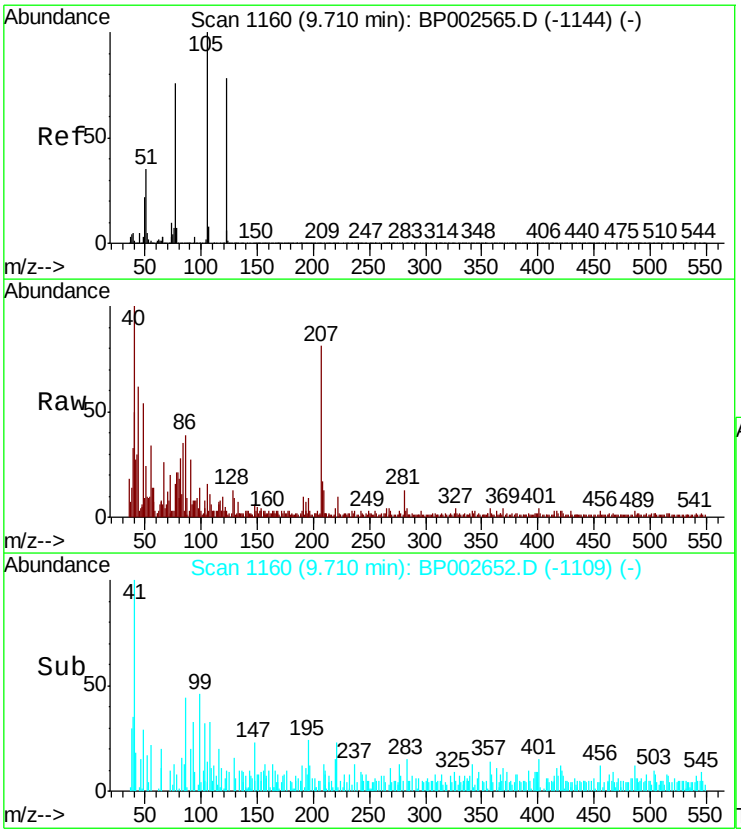
#23
Nitrobenzene-d5
Concen: 83.413 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002652.D
Acq: 07 Jul 2020 11:45

Instrument :
BNA_P
ClientSampleId :
PB129955BL

Tgt Ion: 82 Resp: 1418071

Ion	Ratio	Lower	Upper
82	100		
128	44.3	33.4	50.2
54	47.5	40.1	60.1

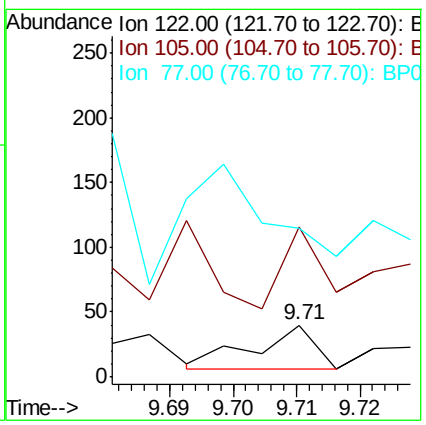


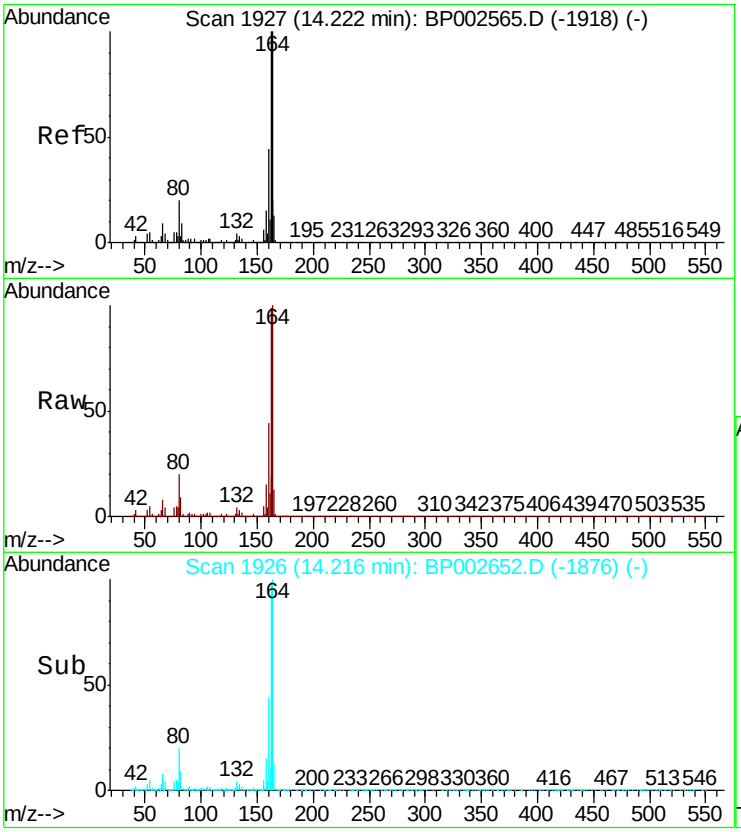


#32
Benzoic acid
Concen: 8.701 ng
RT: 9.71 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BP002652.D
Acq: 07 Jul 2020 11:45

Tgt Ion:122 Resp: 23

Ion	Ratio	Lower	Upper
122	100		
105	290.0	106.6	146.6#
77	287.5	76.5	116.5#



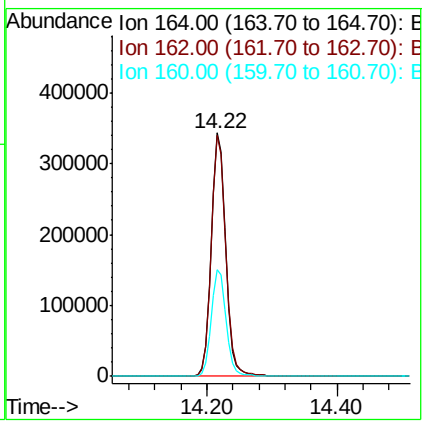


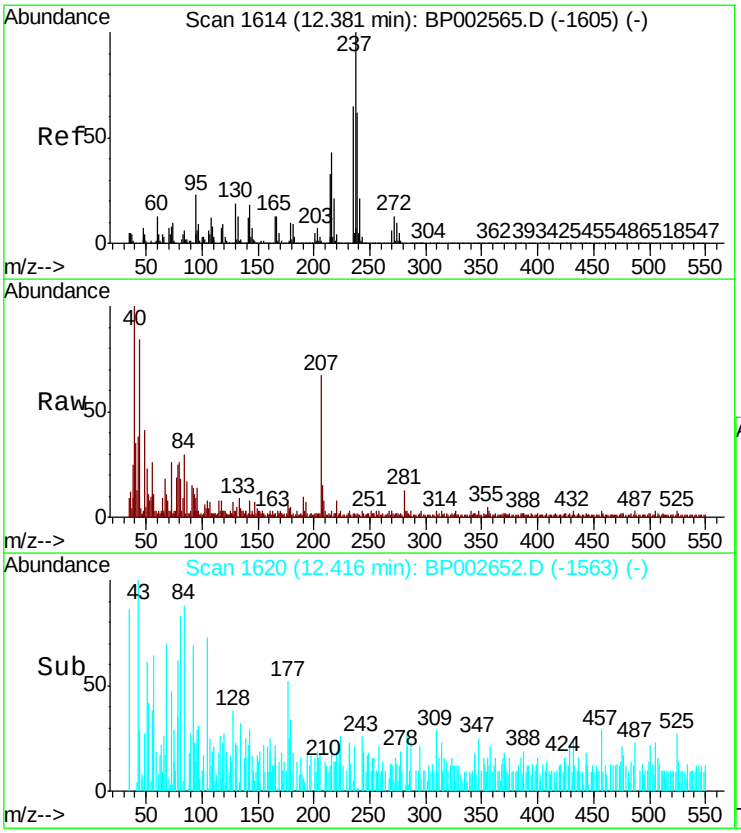
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002652.D
Acq: 07 Jul 2020 11:45

Instrument :
BNA_P
ClientSampleId :
PB129955BL

Tgt Ion:164 Resp: 528346

Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.3	120.5
160	43.7	35.0	52.6

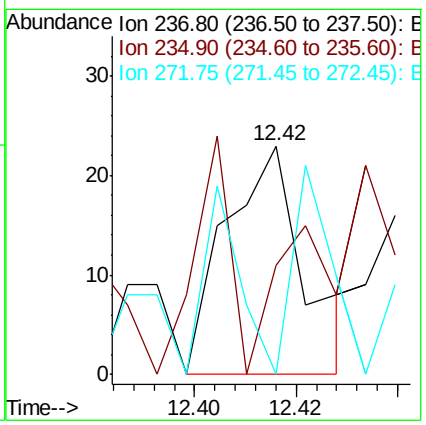


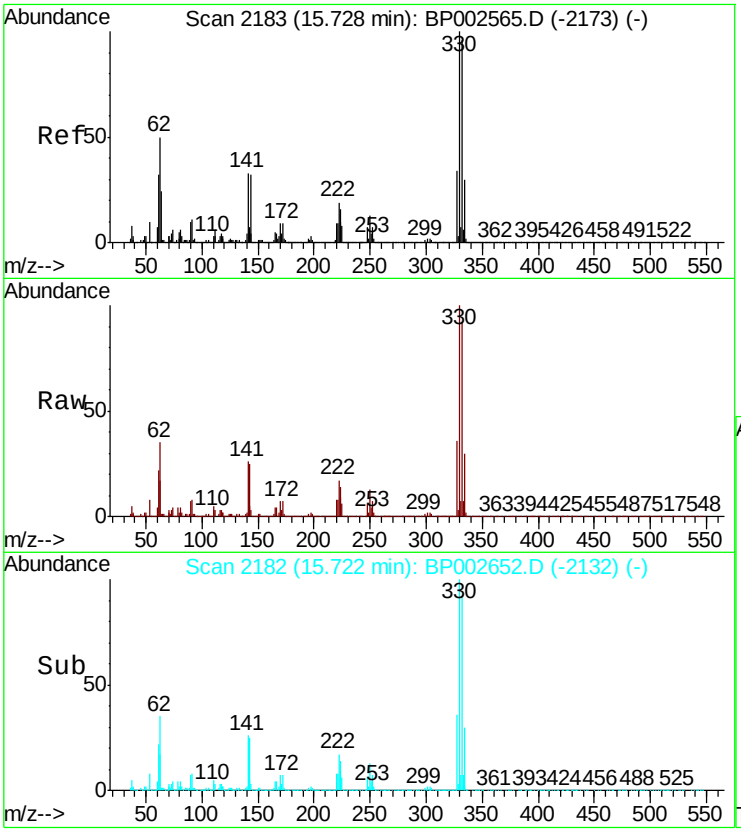


#41
Hexachlorocyclopentadiene
Concen: 4.384 ng
RT: 12.42 min Scan# 1620
Delta R.T. 0.04 min
Lab File: BP002652.D
Acq: 07 Jul 2020 11:45

Tgt Ion:237 Resp: 25

Ion	Ratio	Lower	Upper
237	100		
235	47.8	45.4	85.4
272	0.0	0.0	32.6



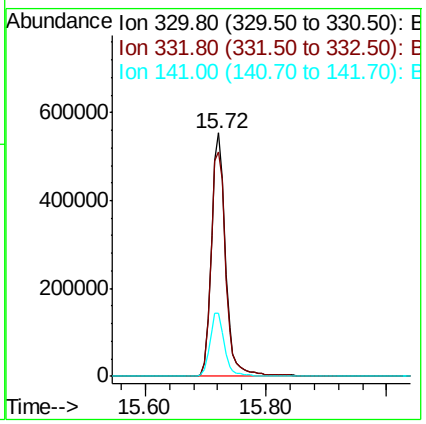


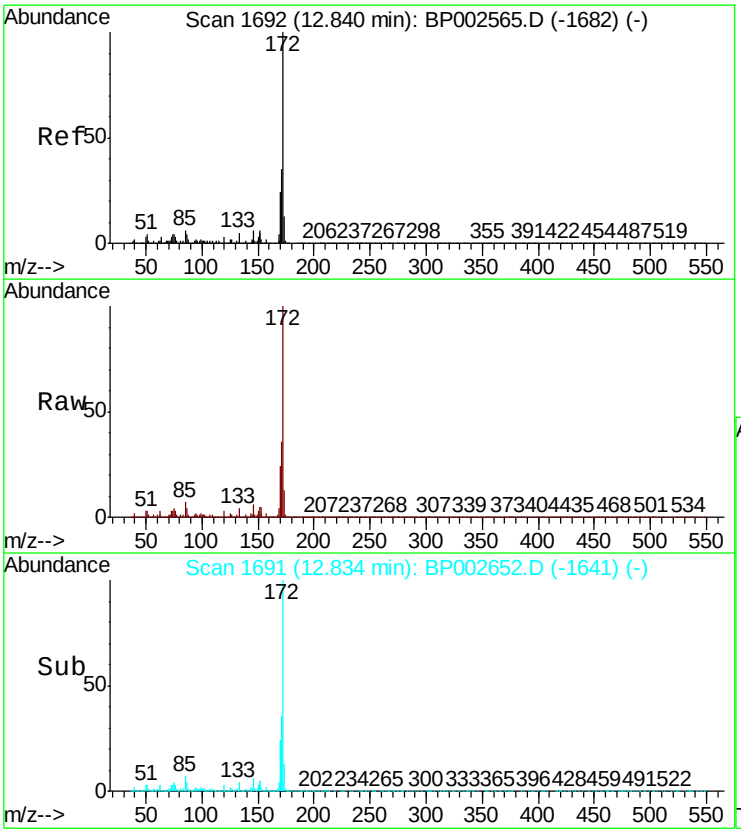
#42
2,4,6-Tribromophenol
Concen: 139.565 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002652.D
Acq: 07 Jul 2020 11:45

Instrument :
BNA_P
ClientSampleId :
PB129955BL

Tgt Ion:330 Resp: 896868

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.7	116.5
141	27.3	29.0	43.6#

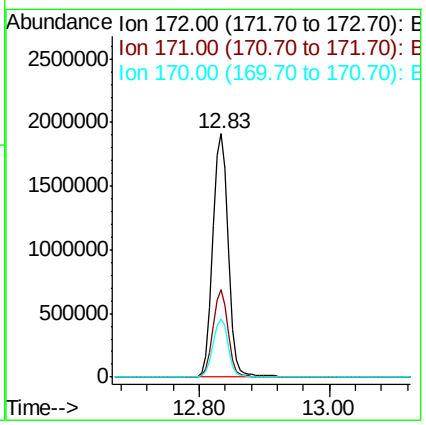


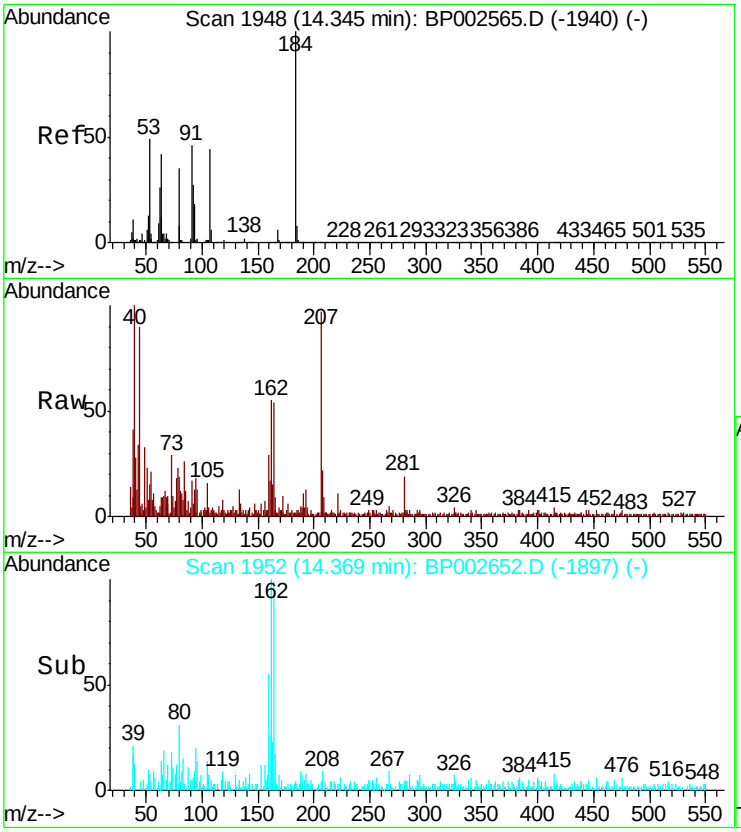


#45
2-Fluorobiphenyl
Concen: 88.419 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002652.D
Acq: 07 Jul 2020 11:45

Tgt Ion:172 Resp: 3173976

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.0	42.0
170	24.1	19.0	28.4



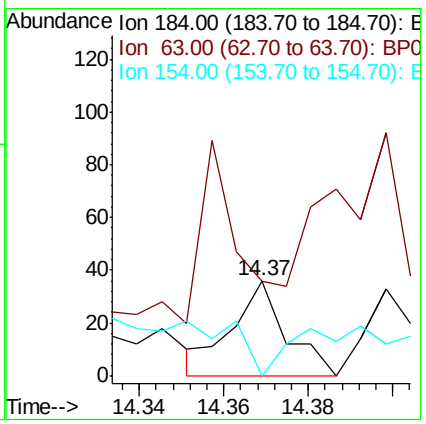


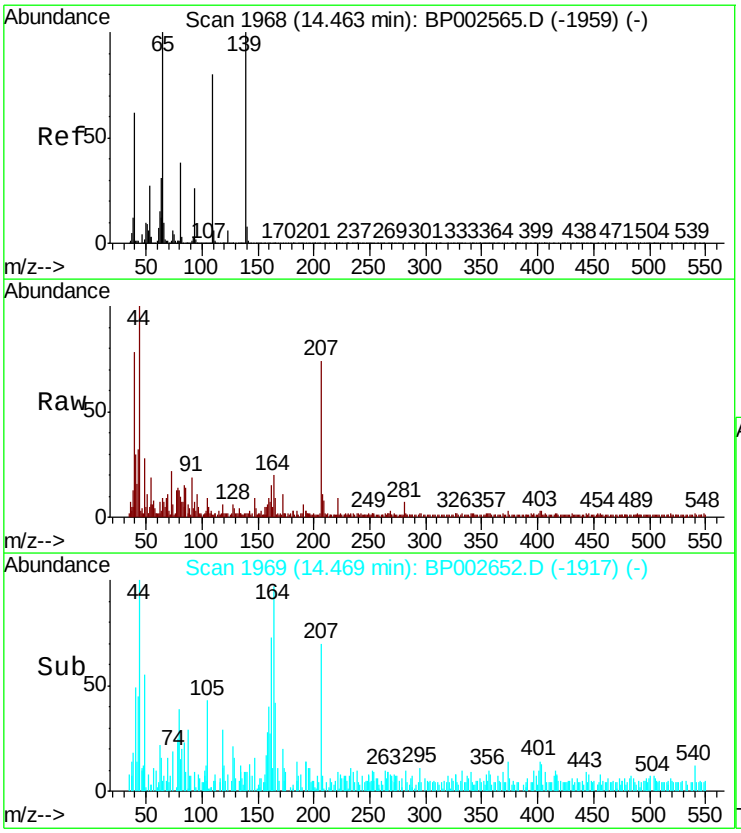
#54
2,4-Dinitrophenol
Concen: 6.014 ng
RT: 14.37 min Scan# 1952
Delta R.T. 0.02 min
Lab File: BP002652.D
Acq: 07 Jul 2020 11:45

Instrument :
BNA_P
ClientSampleId :
PB129955BL

Tgt Ion:184 Resp: 32

Ion	Ratio	Lower	Upper
184	100		
63	100.0	56.2	84.2#
154	52.8	50.9	76.3

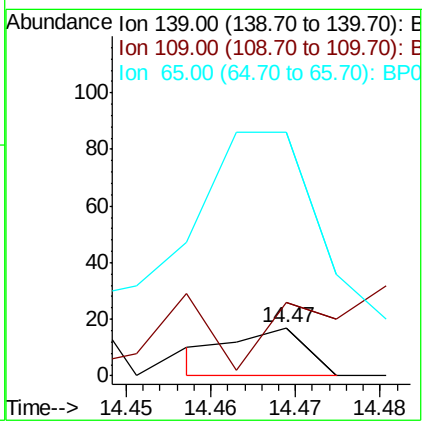


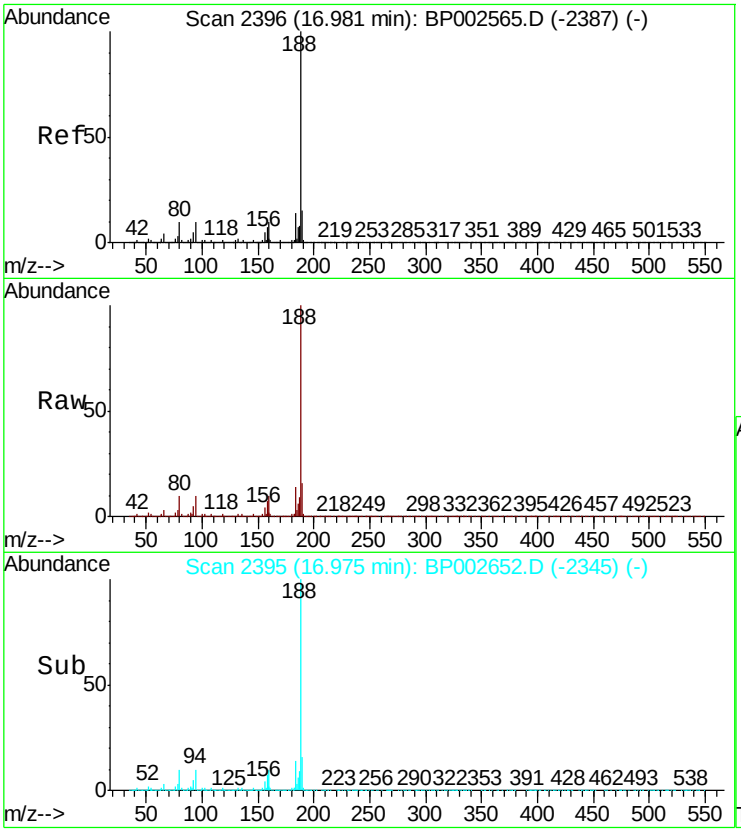


#56
4-Nitrophenol
Concen: 2.437 ng
RT: 14.47 min Scan# 1969
Delta R.T. 0.01 min
Lab File: BP002652.D
Acq: 07 Jul 2020 11:45

Tgt Ion:139 Resp: 10

Ion	Ratio	Lower	Upper
139	100		
109	152.9	60.1	100.1#
65	505.9	80.3	120.3#



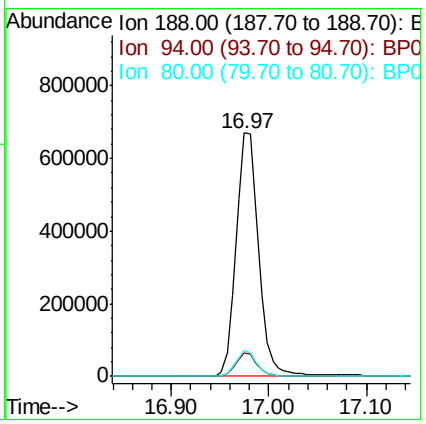


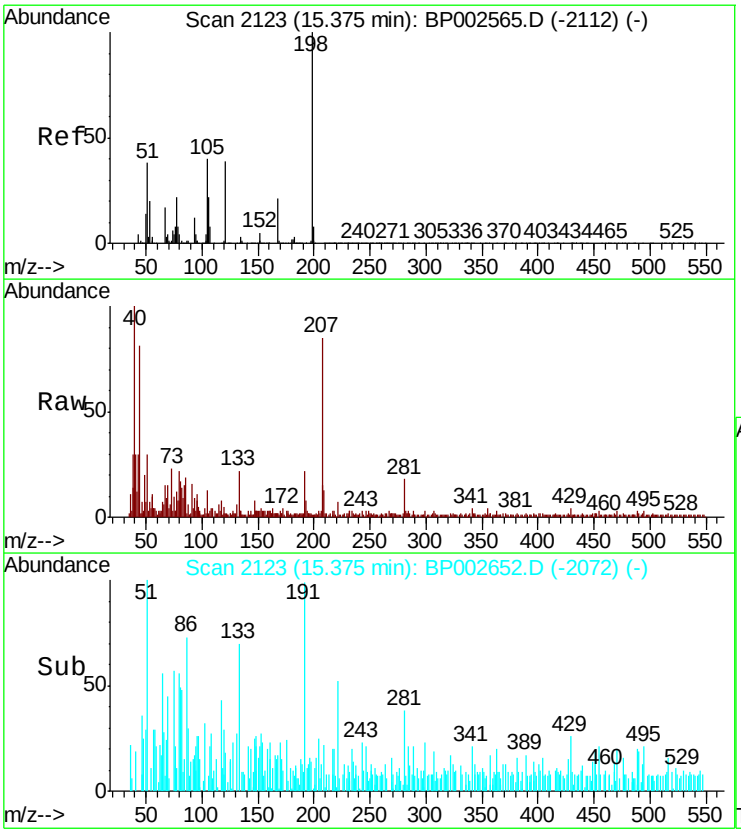
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BP002652.D
Acq: 07 Jul 2020 11:45

Instrument :
BNA_P
ClientSampleId :
PB129955BL

Tgt Ion:188 Resp: 1073915

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.8	11.6
80	10.5	8.2	12.4

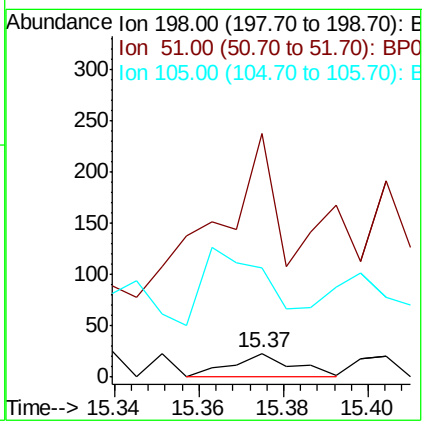


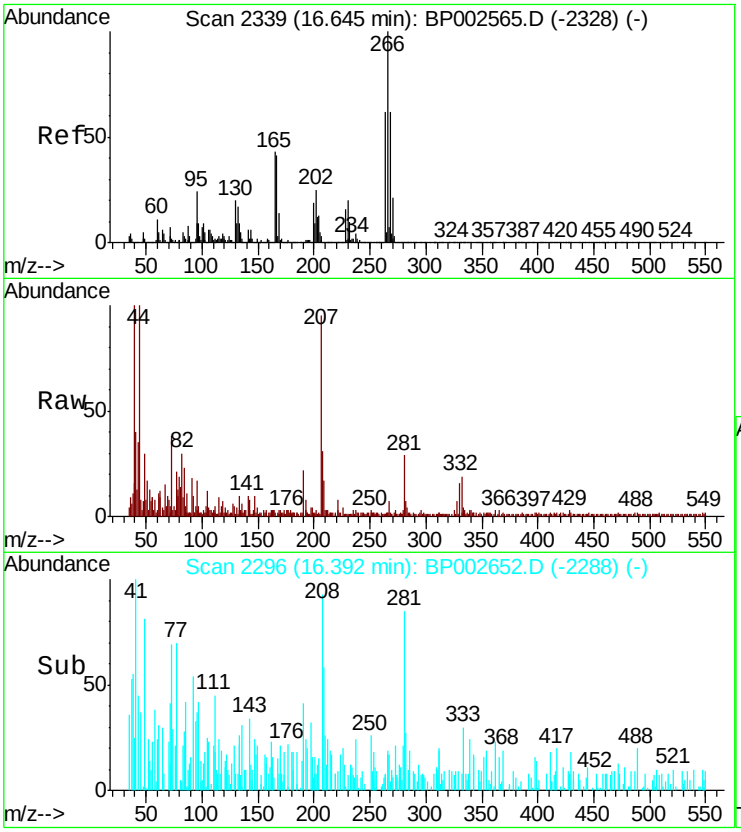


#65
4,6-Dinitro-2-methylphenol
Concen: 2.713 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BP002652.D
Acq: 07 Jul 2020 11:45

Tgt Ion:198 Resp: 24

Ion	Ratio	Lower	Upper
198	100		
51	1030.4	24.2	64.2#
105	460.9	20.7	60.7#



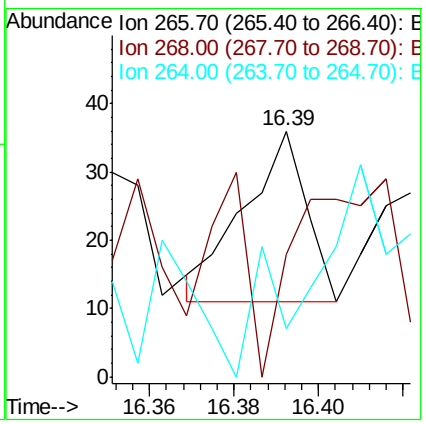


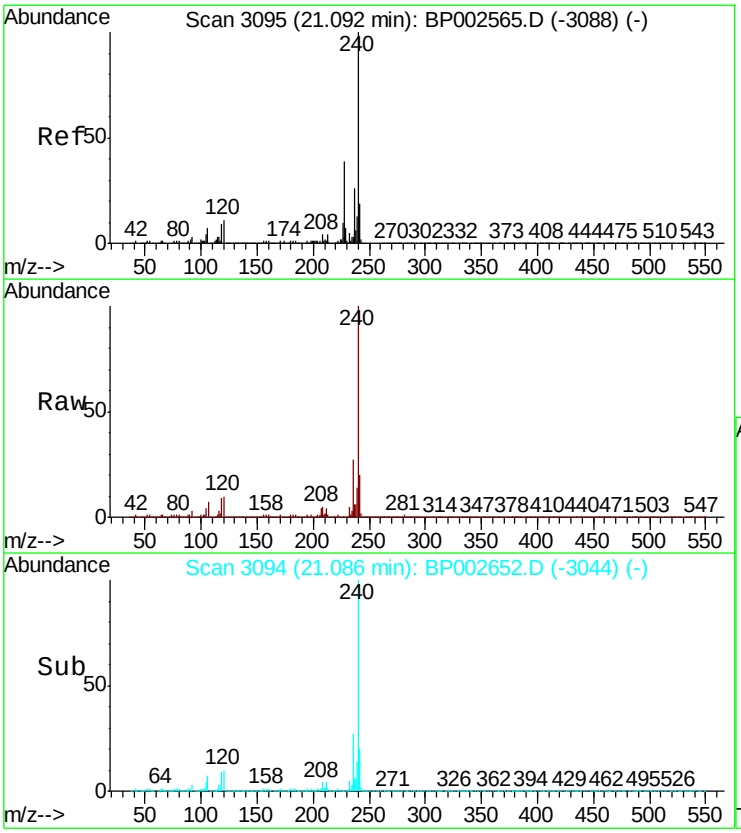
#70
Pentachlorophenol
Concen: 2.665 ng
RT: 16.39 min Scan# 2296
Delta R.T. -0.25 min
Lab File: BP002652.D
Acq: 07 Jul 2020 11:45

Instrument :
BNA_P
ClientSampleId :
PB129955BL

Tgt Ion:266 Resp: 26

Ion	Ratio	Lower	Upper
266	100		
268	50.0	49.7	74.5
264	55.6	49.3	73.9

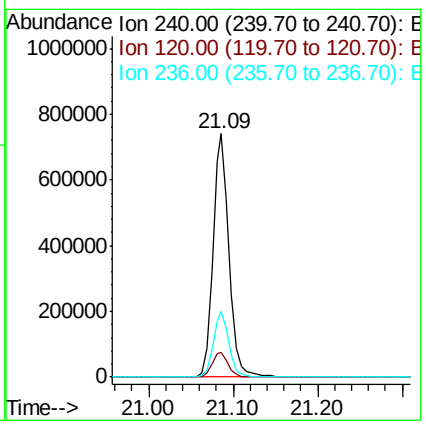


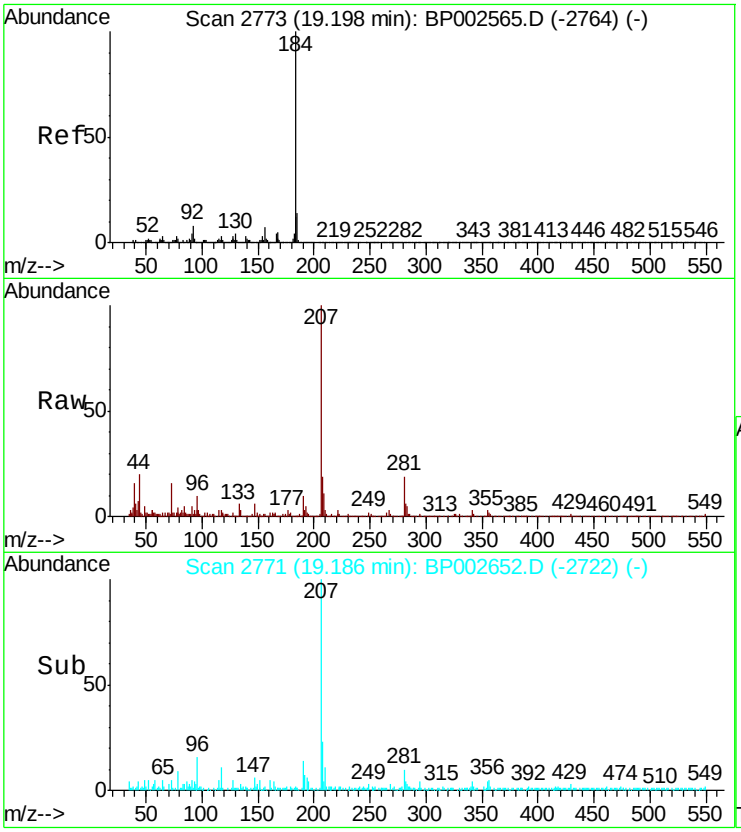


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002652.D
Acq: 07 Jul 2020 11:45

Tgt Ion:240 Resp: 991635

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.6	13.0
236	26.7	20.8	31.2



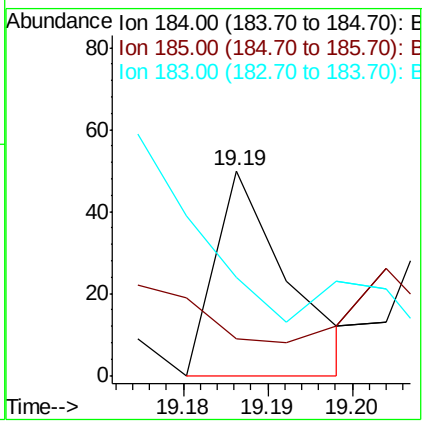


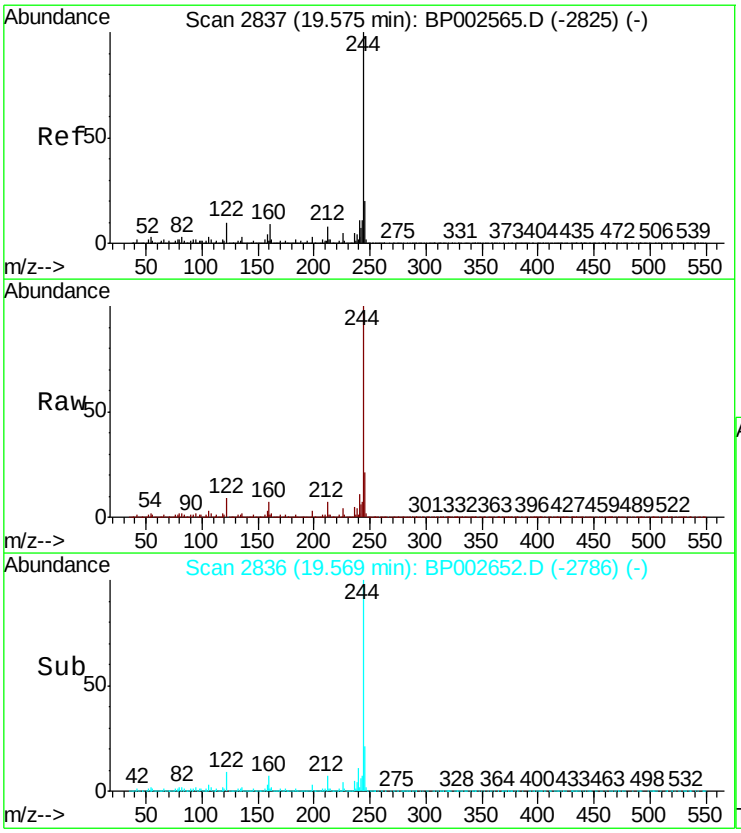
#77
Benzidine
Concen: 3.757 ng
RT: 19.19 min Scan# 2771
Delta R.T. -0.01 min
Lab File: BP002652.D
Acq: 07 Jul 2020 11:45

Instrument :
BNA_P
ClientSampleId :
PB129955BL

Tgt Ion:184 Resp: 30

Ion	Ratio	Lower	Upper
184	100		
185	18.0	11.4	17.2#
183	48.0	9.2	13.8#

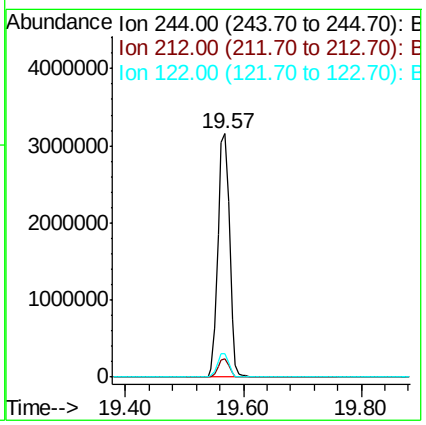


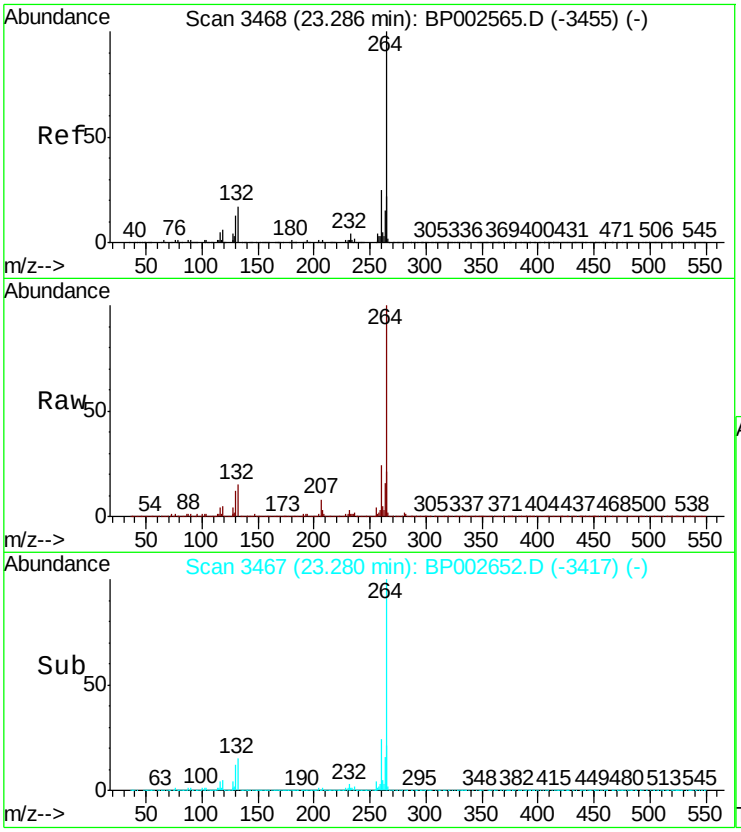


#79
Terphenyl-d14
Concen: 93.371 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BP002652.D
Acq: 07 Jul 2020 11:45

Tgt Ion:244 Resp: 4289578

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	9.4	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: BP002652.D
Acq: 07 Jul 2020 11:45

Instrument :
BNA_P
ClientSampleId :
PB129955BL

Tgt Ion:264 Resp: 1134782

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.7	29.5
265	20.8	17.6	26.4