Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001230.D
Acq On : 06 Dec 2019 15:26
Operator : JU
Sample : PB125252BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Dec 06 17:55:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	78952	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	299255	20.00	ng	-0.02
39) Acenaphthene-d10	13.20	164	176960	20.00	ng	-0.01
64) Phenanthrene-d10	15.59	188	376261	20.00	ng	-0.02
76) Chrysene-d12	19.23	240	325157	20.00	ng	-0.02
87) Perylene-d12	21.00	264	333856	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	485612	102.05	ng	0.00
7) Phenol-d6	7.75	99	663735	104.69	ng	-0.01
23) Nitrobenzene-d5	9.18	82	455953	66.10	ng	-0.02
42) 2,4,6-Tribromophenol	14.49	330	194394	114.61	ng	-0.02
45) 2-Fluorobiphenyl	12.12	172	795039	65.75	ng	-0.02
79) Terphenyl-d14	17.88	244	1164064	66.23	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.62	77	52	Below Cal	#	61
19) n-Nitroso-di-n-propylamine	9.18	70	65928	14.411	ng	# 77
54) 2,4-Dinitrophenol	13.30	184	8	7.115	ng	# 53
65) 4,6-Dinitro-2-methylphenol	14.33	198	26	6.290	ng	# 40

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001230.D
Acq On : 06 Dec 2019 15:26
Operator : JU
Sample : PB125252BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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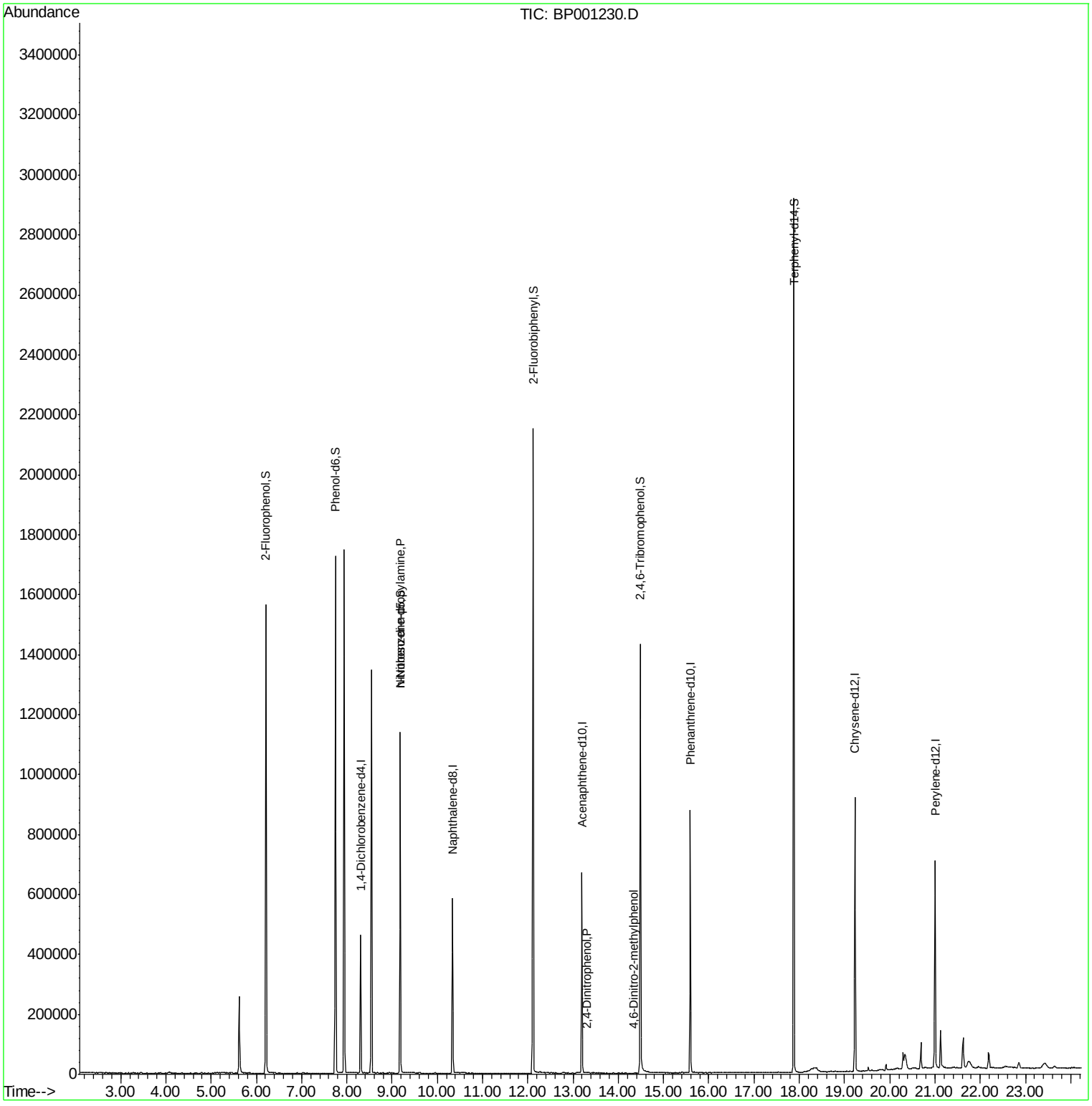
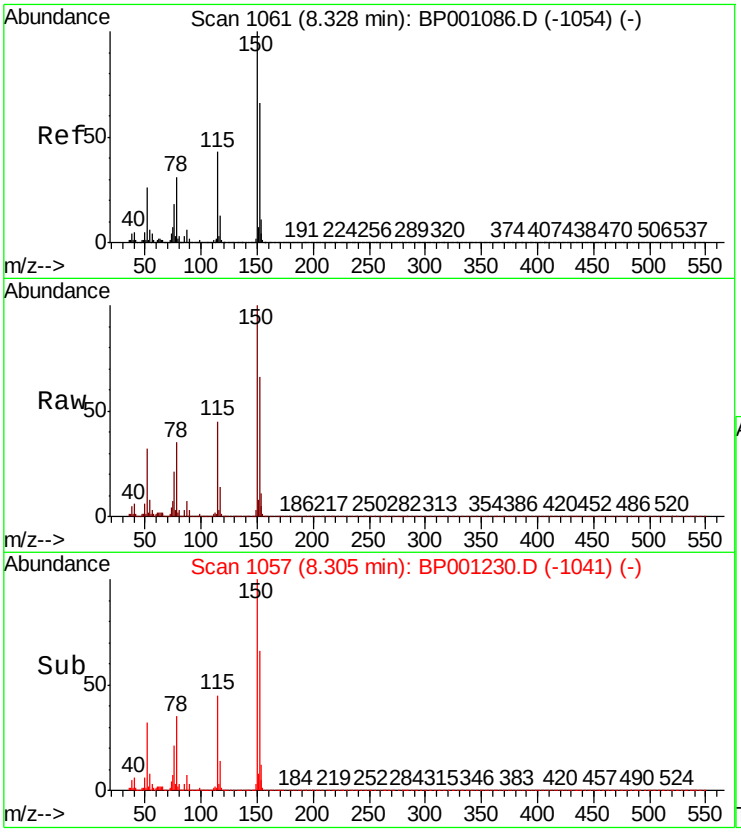


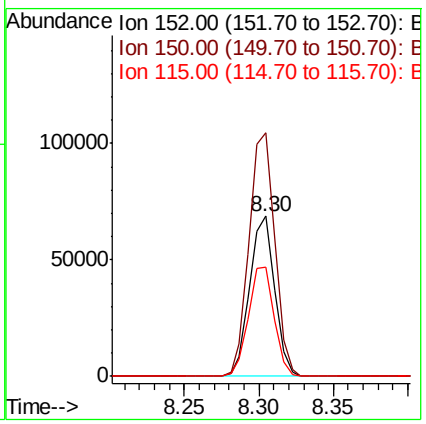


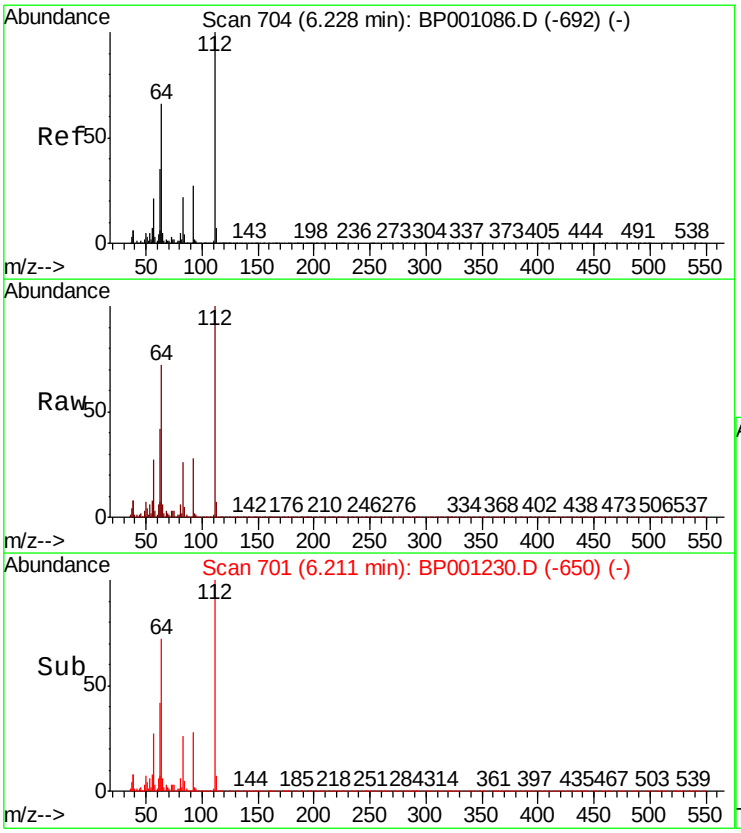
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BP001230.D
Acq: 06 Dec 2019 15:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 78952

Ion	Ratio	Lower	Upper
152	100		
150	151.9	127.3	190.9
115	67.8	56.0	84.0

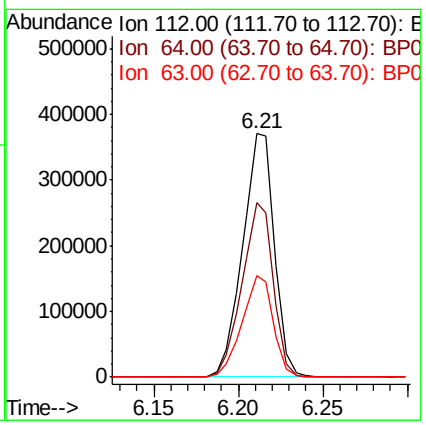


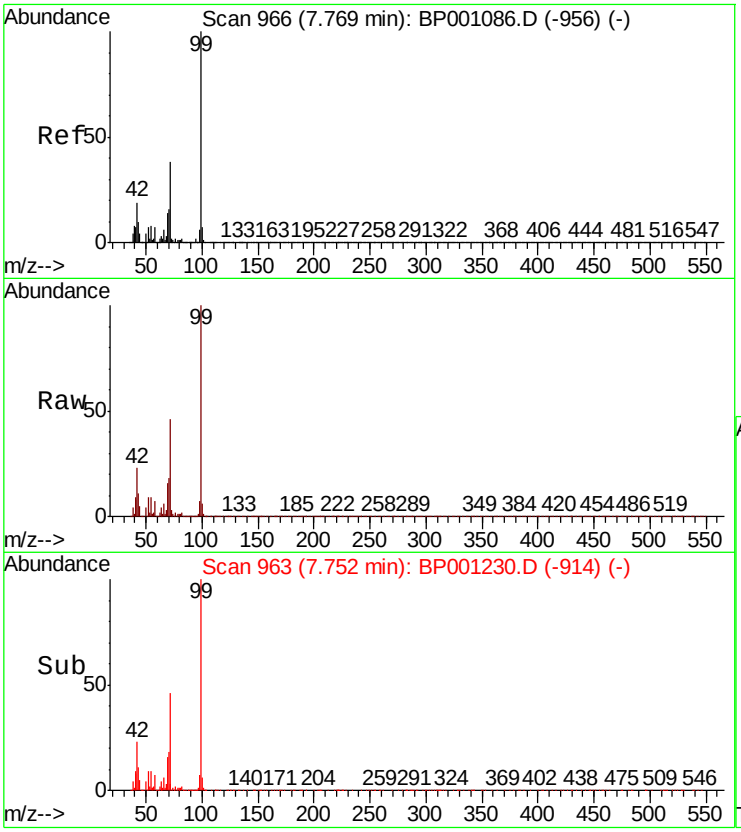


#5
2-Fluorophenol
Concen: 102.046 ng
RT: 6.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BP001230.D
Acq: 06 Dec 2019 15:26

Tgt Ion:112 Resp: 485612

Ion	Ratio	Lower	Upper
112	100		
64	71.7	56.8	85.2
63	41.6	32.2	48.2



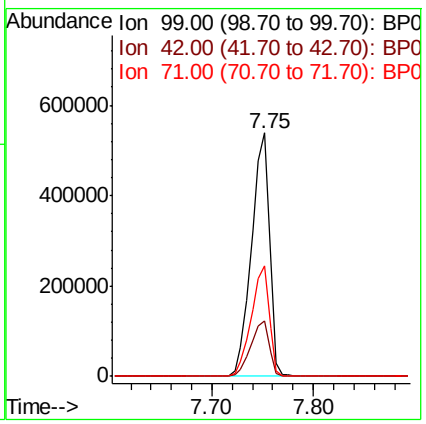


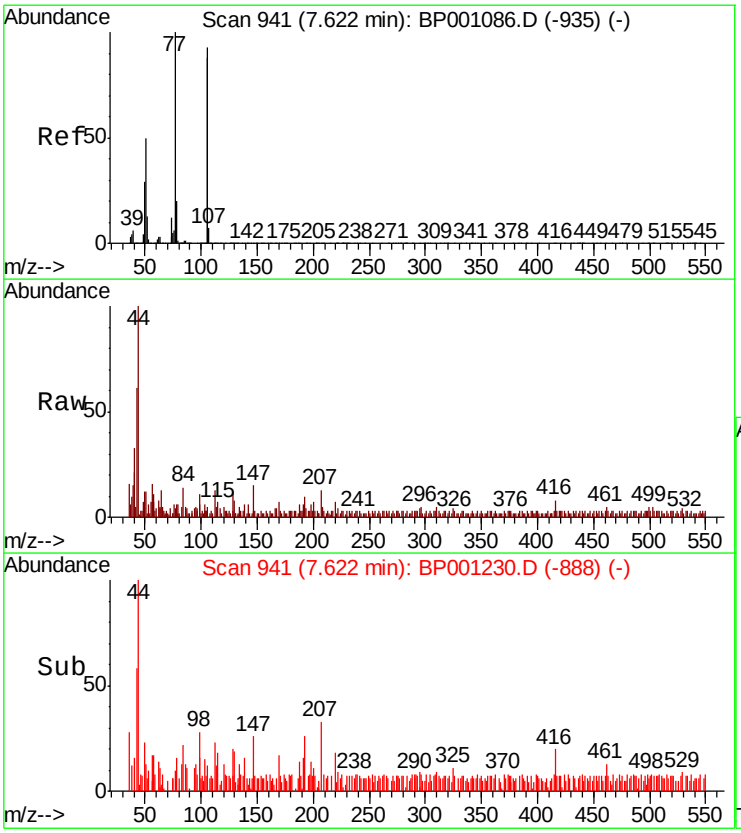
#7
Phenol-d6
Concen: 104.692 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BP001230.D
Acq: 06 Dec 2019 15:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 663735

Ion	Ratio	Lower	Upper
99	100		
42	22.9	17.6	26.4
71	45.6	33.8	50.8

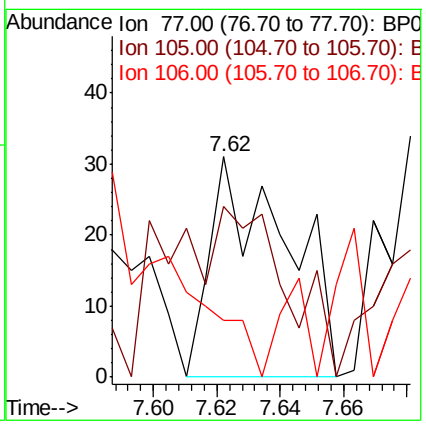


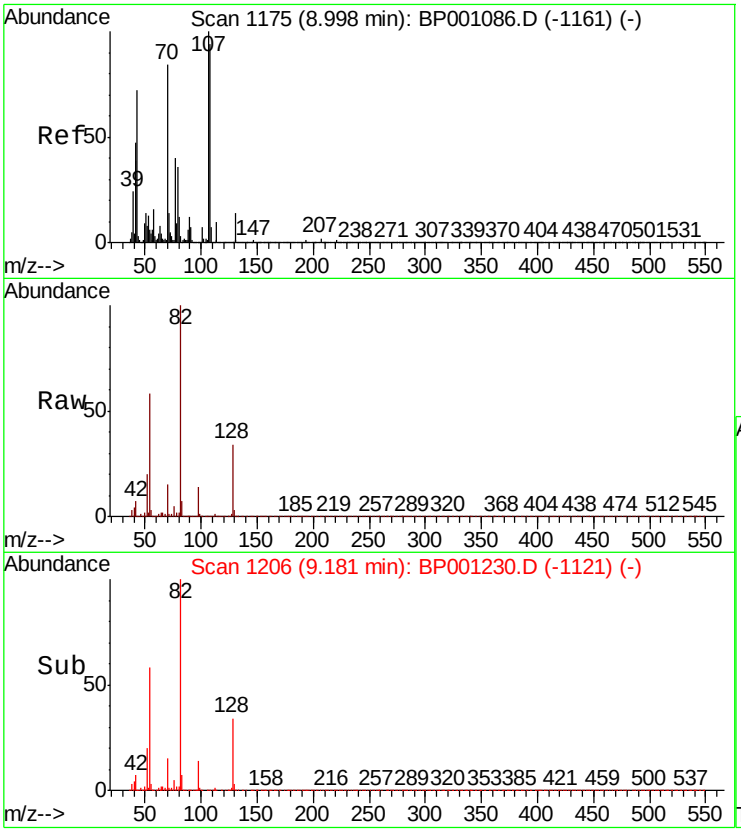


#9
Benzaldehyde
Concen: Below Cal
RT: 7.62 min Scan# 941
Delta R.T. 0.01 min
Lab File: BP001230.D
Acq: 06 Dec 2019 15:26

Tgt Ion: 77 Resp: 52

Ion	Ratio	Lower	Upper
77	100		
105	77.4	69.7	109.7
106	25.8	67.1	107.1#



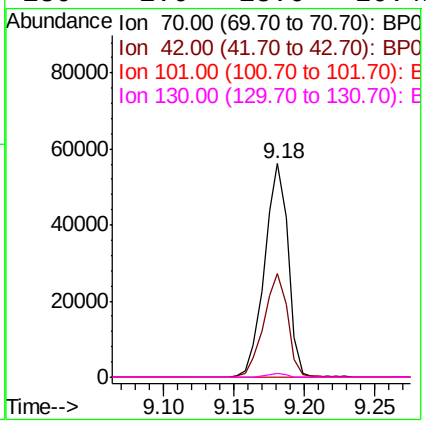


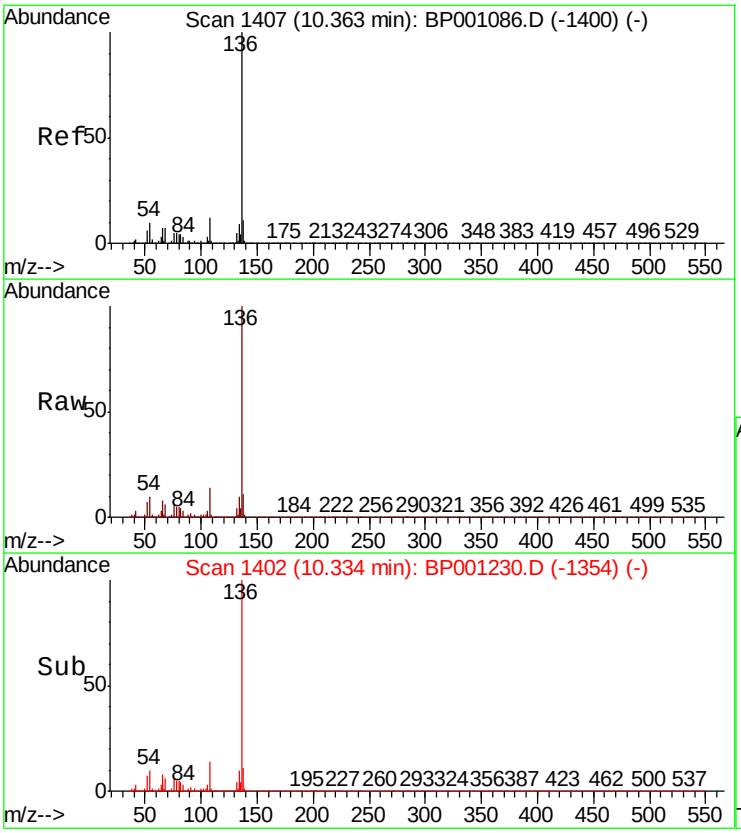
#19
n-Nitroso-di-n-propylamine
Concen: 14.411 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.20 min
Lab File: BP001230.D
Acq: 06 Dec 2019 15:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 65928

Ion	Ratio	Lower	Upper
70	100		
42	48.6	50.6	76.0#
101	0.0	7.1	10.7#
130	1.6	13.6	20.4#

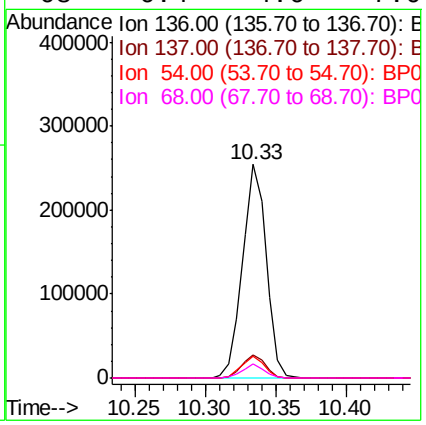


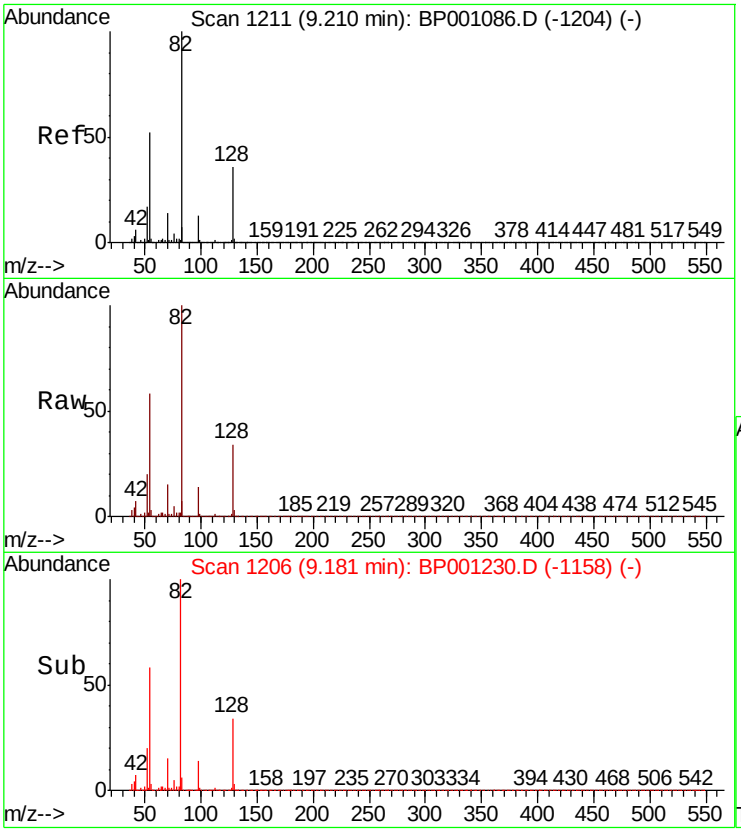


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BP001230.D
Acq: 06 Dec 2019 15:26

Tgt Ion:136 Resp: 299255

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	10.5	7.4	11.0
68	6.4	4.6	7.0



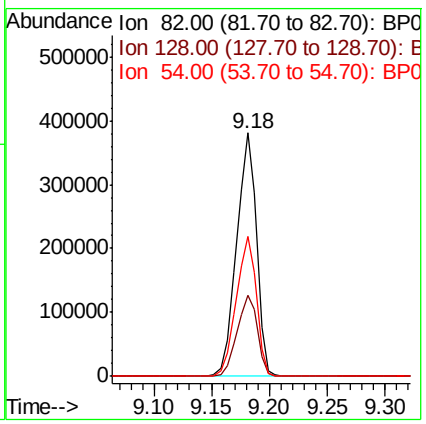


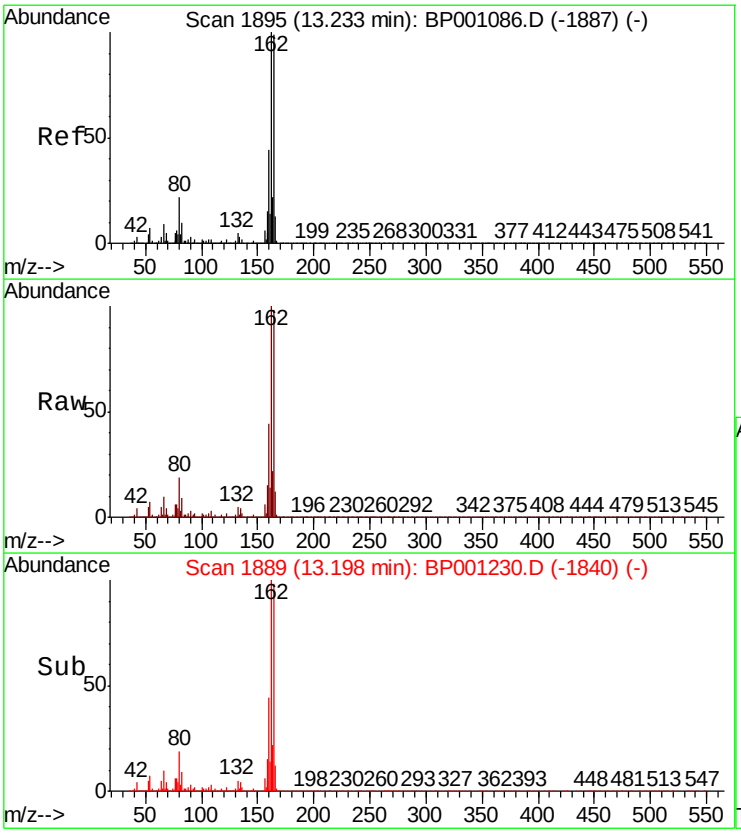
#23
Nitrobenzene-d5
Concen: 66.104 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BP001230.D
Acq: 06 Dec 2019 15:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 455953

Ion	Ratio	Lower	Upper
82	100		
128	33.5	27.5	41.3
54	57.7	45.7	68.5

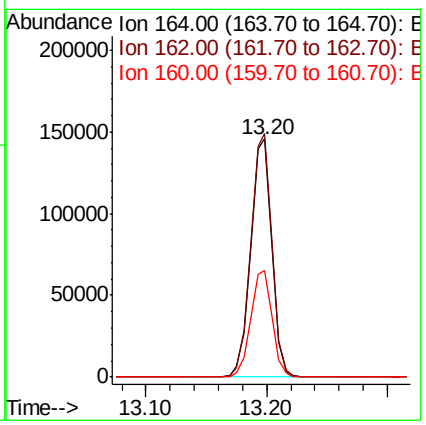


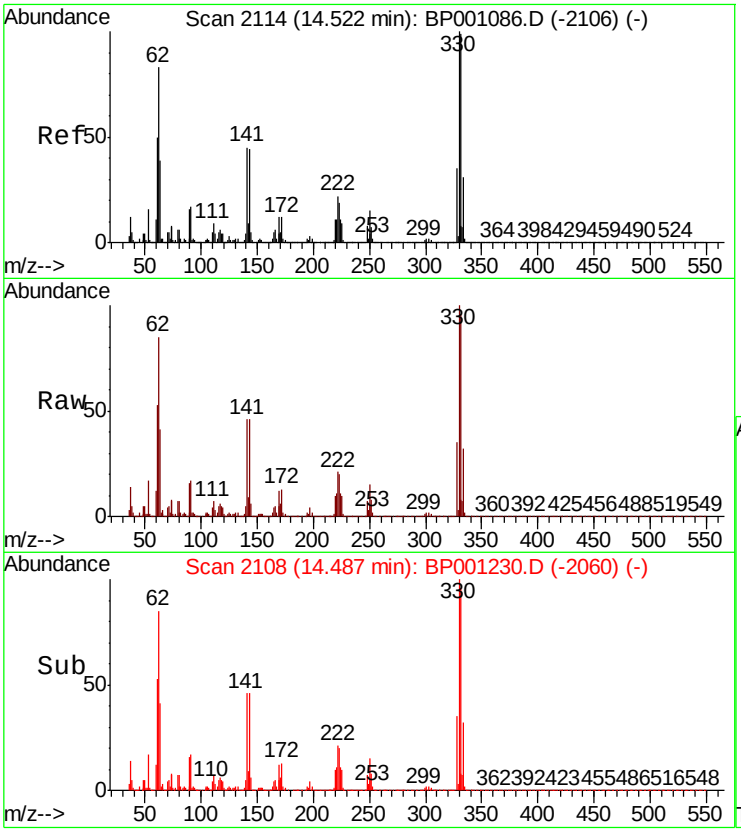


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BP001230.D
Acq: 06 Dec 2019 15:26

Tgt Ion:164 Resp: 176960

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.7	121.1
160	44.6	36.3	54.5



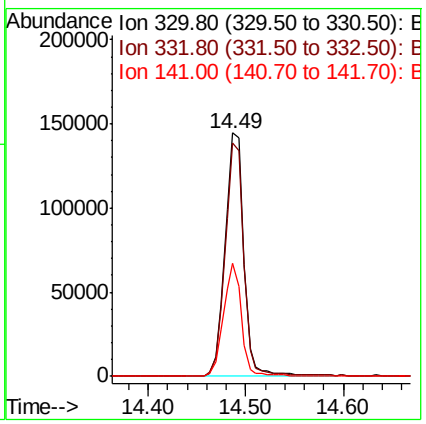


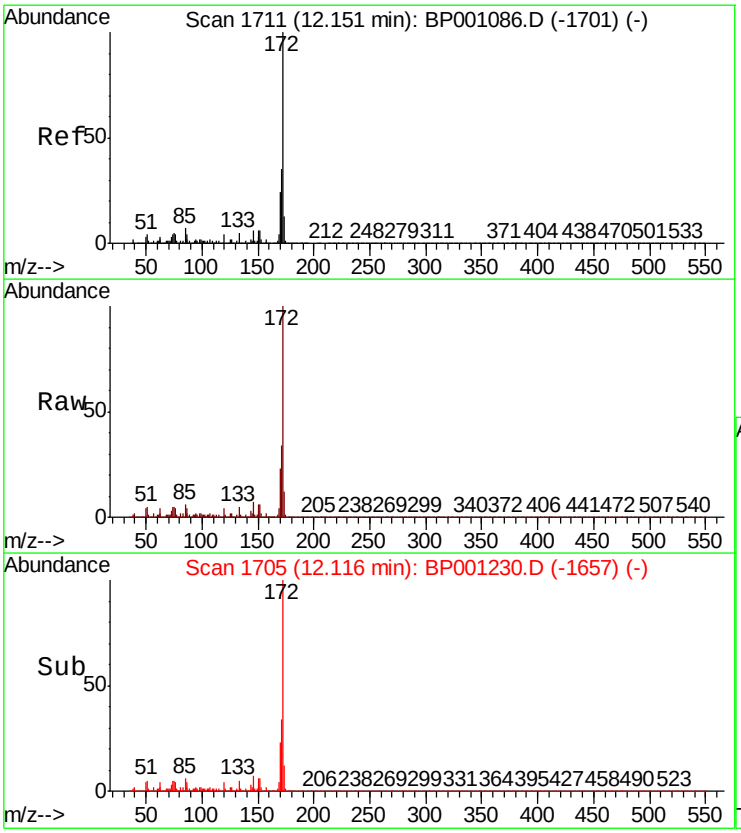
#42
2,4,6-Tribromophenol
Concen: 114.608 ng
RT: 14.49 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BP001230.D
Acq: 06 Dec 2019 15:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 194394

Ion	Ratio	Lower	Upper
330	100		
332	95.5	79.1	118.7
141	44.2	35.9	53.9

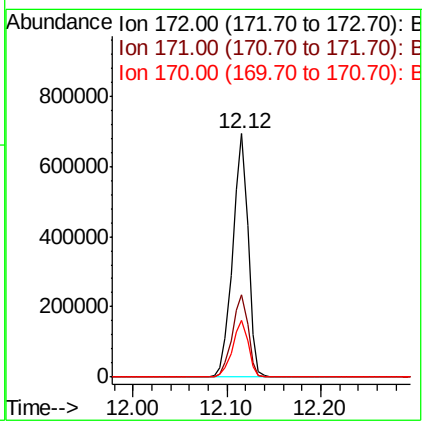


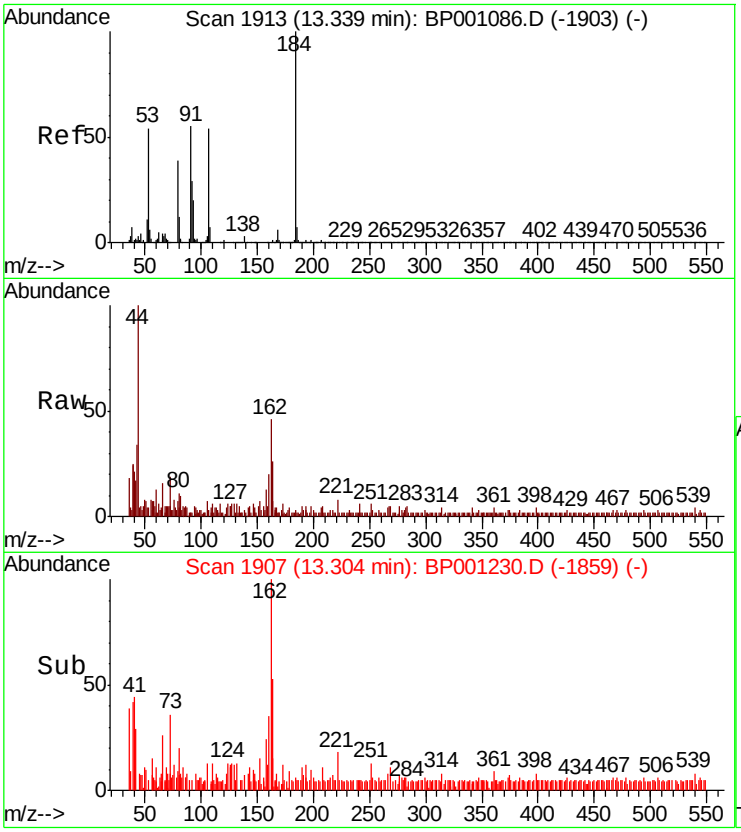


#45
2-Fluorobiphenyl
Concen: 65.755 ng
RT: 12.12 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BP001230.D
Acq: 06 Dec 2019 15:26

Tgt Ion:172 Resp: 795039

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.7	43.1
170	23.5	19.2	28.8



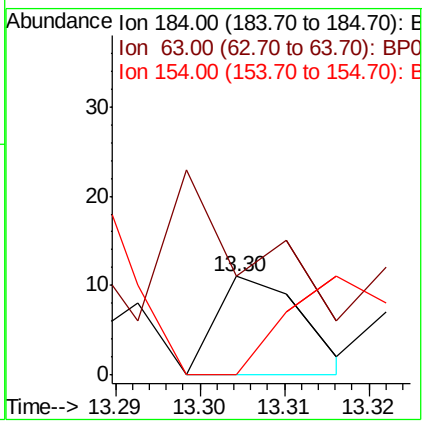


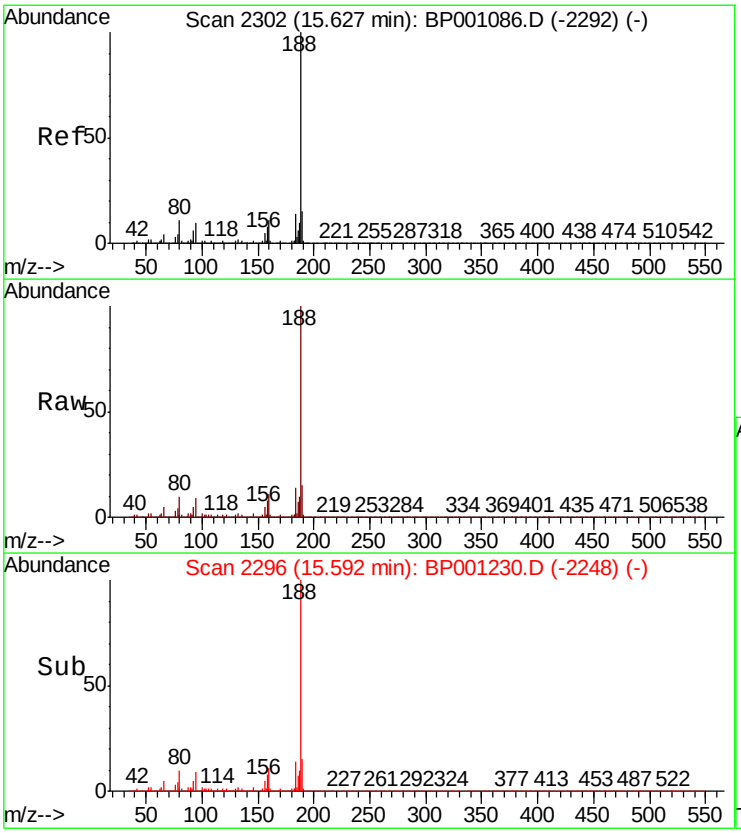
#54
2,4-Dinitrophenol
Concen: 7.115 ng
RT: 13.30 min Scan# 1907
Delta R.T. -0.02 min
Lab File: BP001230.D
Acq: 06 Dec 2019 15:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:184 Resp: 8

Ion	Ratio	Lower	Upper
184	100		
63	100.0	69.4	104.0
154	0.0	57.4	86.2#

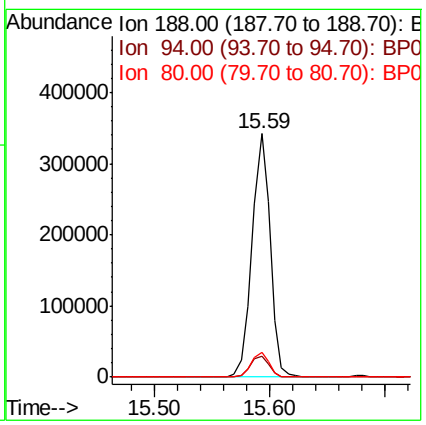


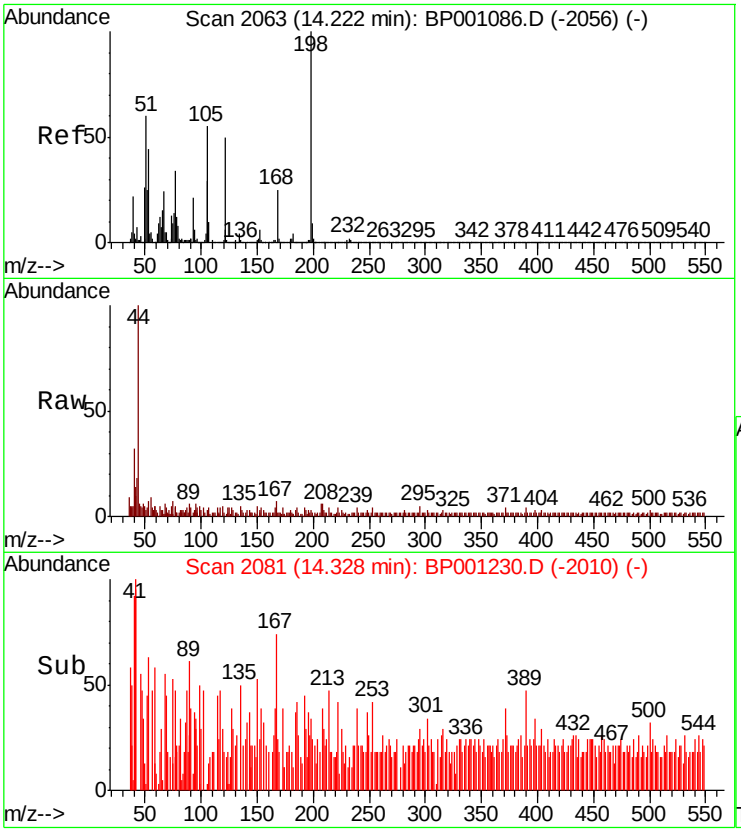


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.02 min
Lab File: BP001230.D
Acq: 06 Dec 2019 15:26

Tgt Ion:188 Resp: 376261

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.1	10.7
80	10.0	7.8	11.6



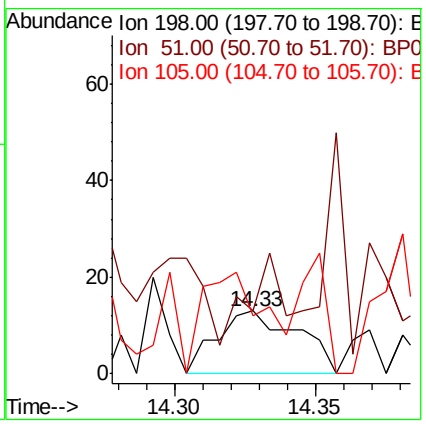


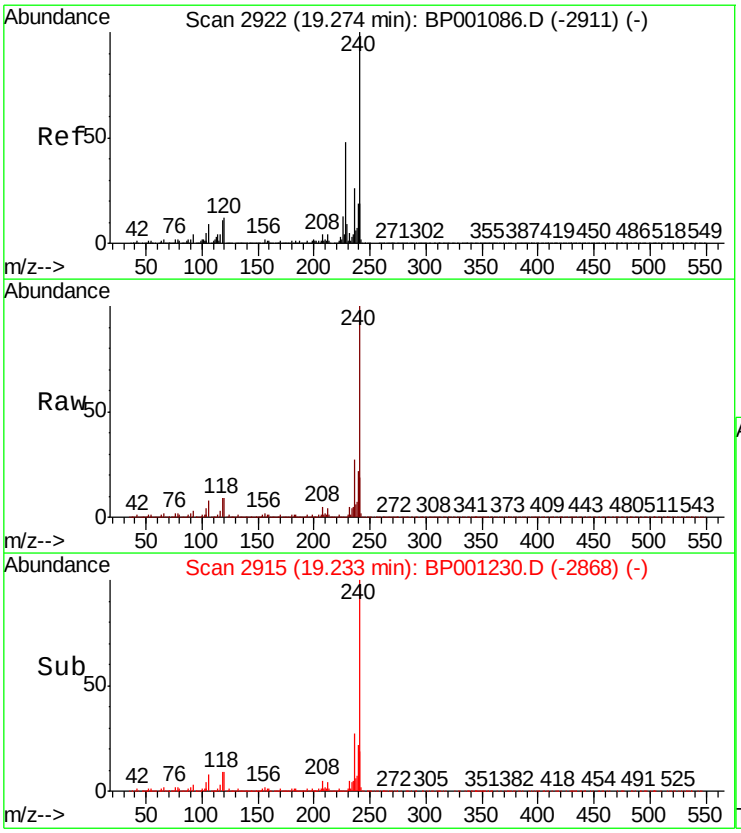
#65
4,6-Dinitro-2-methylphenol
Concen: 6.290 ng
RT: 14.33 min Scan# 2081
Delta R.T. 0.12 min
Lab File: BP001230.D
Acq: 06 Dec 2019 15:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:198 Resp: 26

Ion	Ratio	Lower	Upper
198	100		
51	100.0	36.2	76.2#
105	92.3	30.2	70.2#

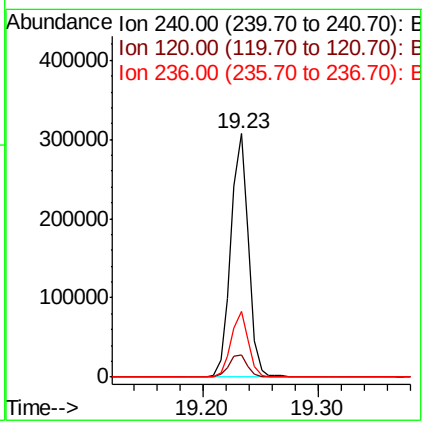


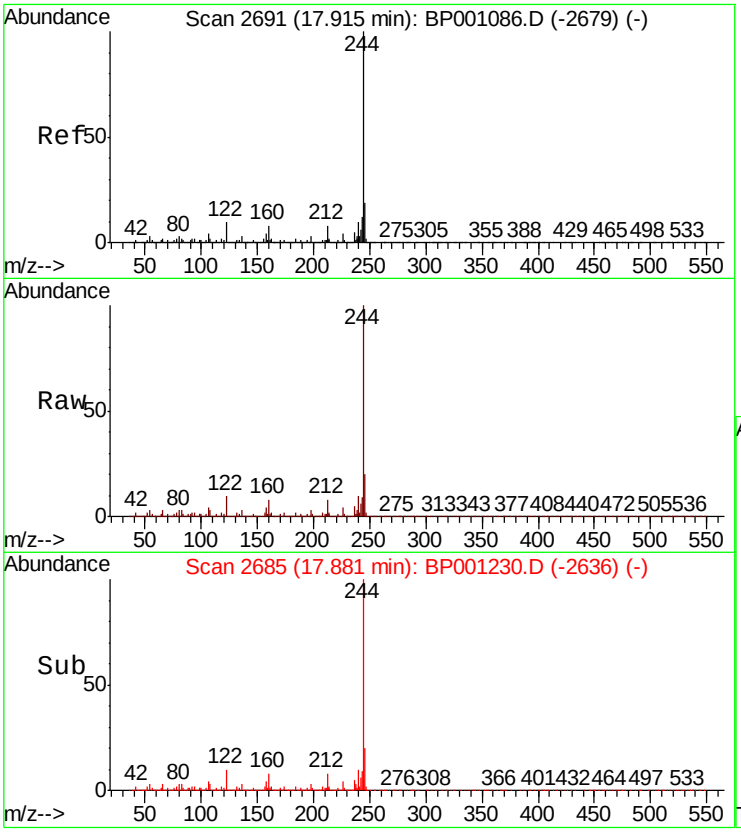


#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.23 min Scan# 2915
Delta R.T. -0.02 min
Lab File: BP001230.D
Acq: 06 Dec 2019 15:26

Tgt Ion:240 Resp: 325157

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.0	10.6
236	27.0	21.7	32.5



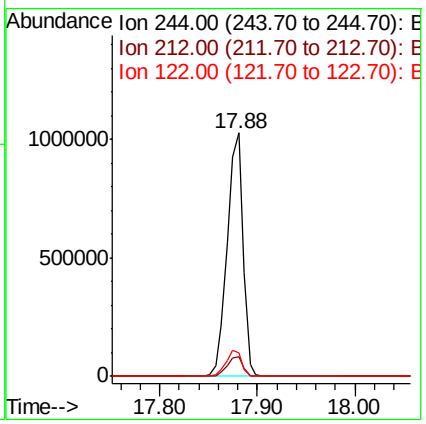


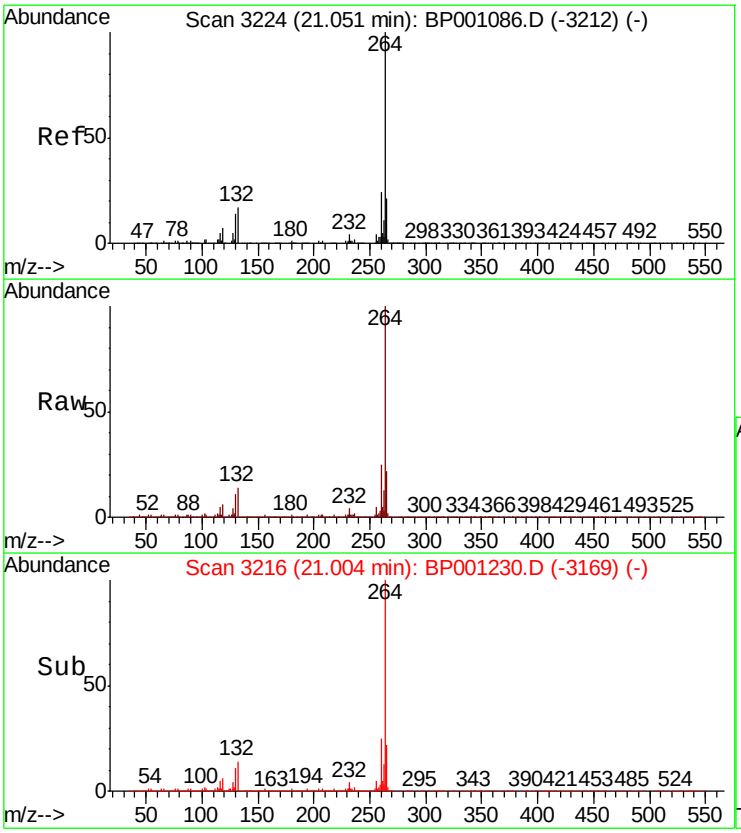
#79
Terphenyl-d14
Concen: 66.233 ng
RT: 17.88 min Scan# 2685
Delta R.T. -0.01 min
Lab File: BP001230.D
Acq: 06 Dec 2019 15:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 1164064

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	9.8
122	9.9	9.2	13.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 21.00 min Scan# 3216
Delta R.T. -0.02 min
Lab File: BP001230.D
Acq: 06 Dec 2019 15:26

Tgt Ion:264 Resp: 333856

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	21.7	17.1	25.7