Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
Data File : BP001278.D
Acq On : 09 Dec 2019 19:16
Operator : JU
Sample : K6145-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Dec 10 04:23:09 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	78477	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	282587	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	163534	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	309048	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	252607	20.00	ng	-0.02
87) Perylene-d12	21.02	264	272791	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	503804	106.51	ng	0.01
7) Phenol-d6	7.76	99	692180	109.84	ng	0.00
23) Nitrobenzene-d5	9.19	82	484089	74.32	ng	-0.01
42) 2,4,6-Tribromophenol	14.50	330	179324	114.40	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	810571	72.54	ng	-0.01
79) Terphenyl-d14	17.89	244	973020	71.26	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.59	77	125	Below Cal	#	42
19) n-Nitroso-di-n-propylamine	9.19	70	70322	15.465	ng	# 78
50) Dimethylphthalate	12.79	163	79674	6.514	ng	99
54) 2,4-Dinitrophenol	13.37	184	23	7.129	ng	87
65) 4,6-Dinitro-2-methylphenol	14.31	198	20	6.290	ng	# 56

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

Quantitation Report (Not Reviewed)

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ALS Vial : 9 Sample Multiplier: 1

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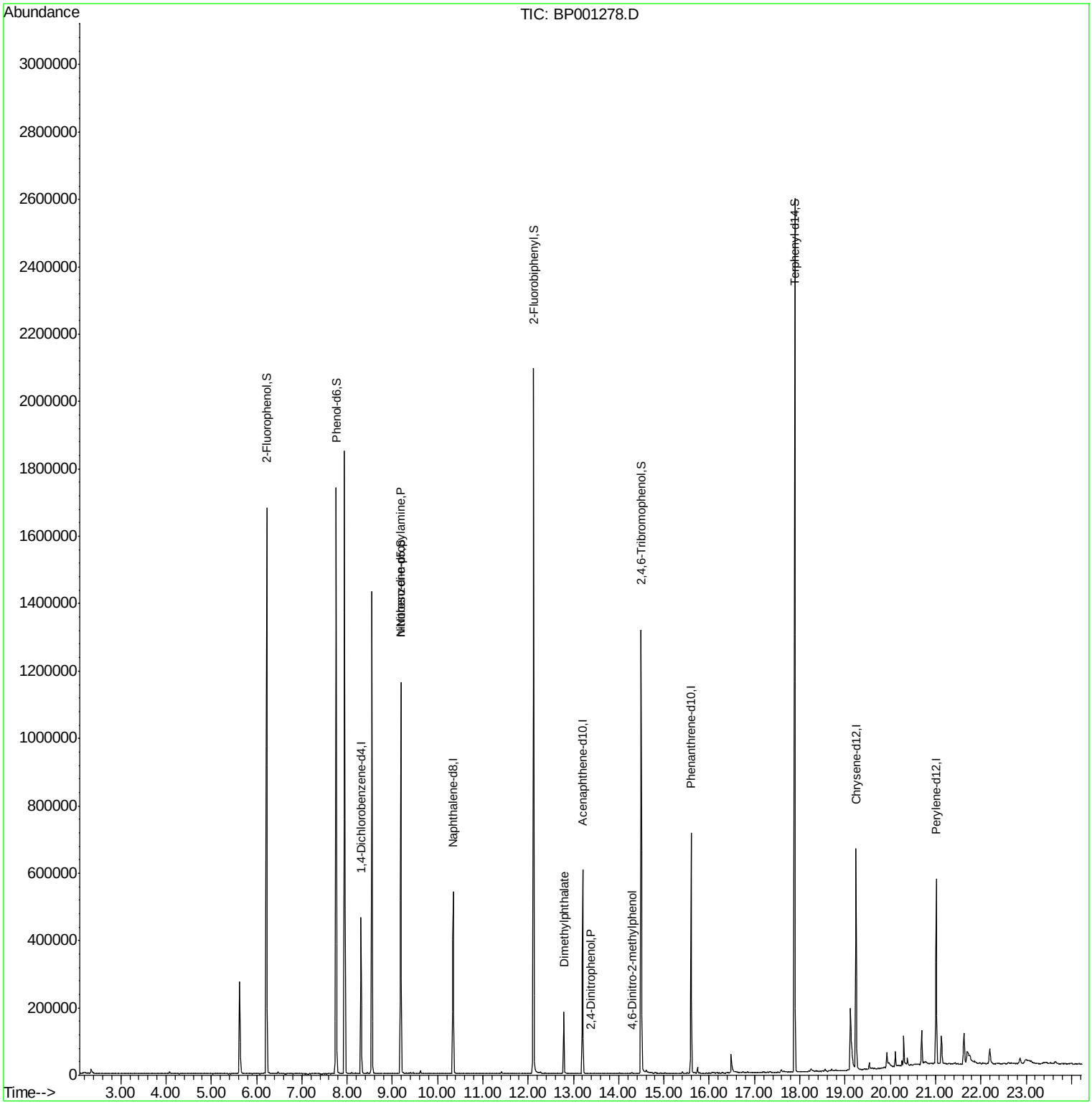
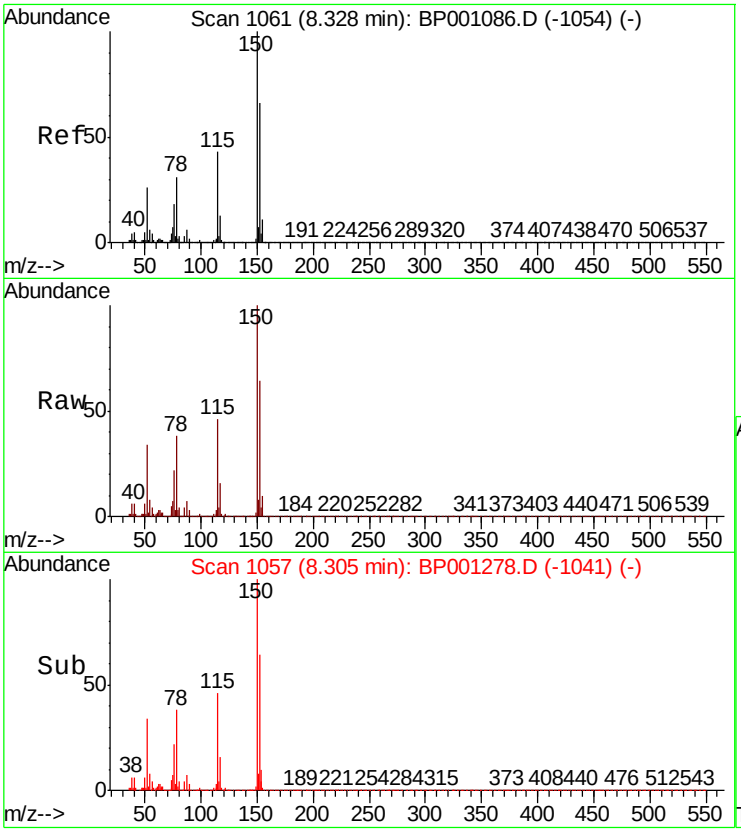


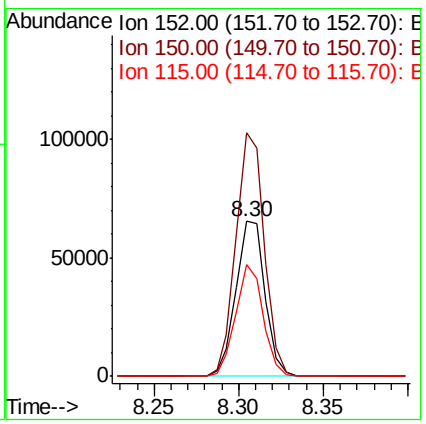


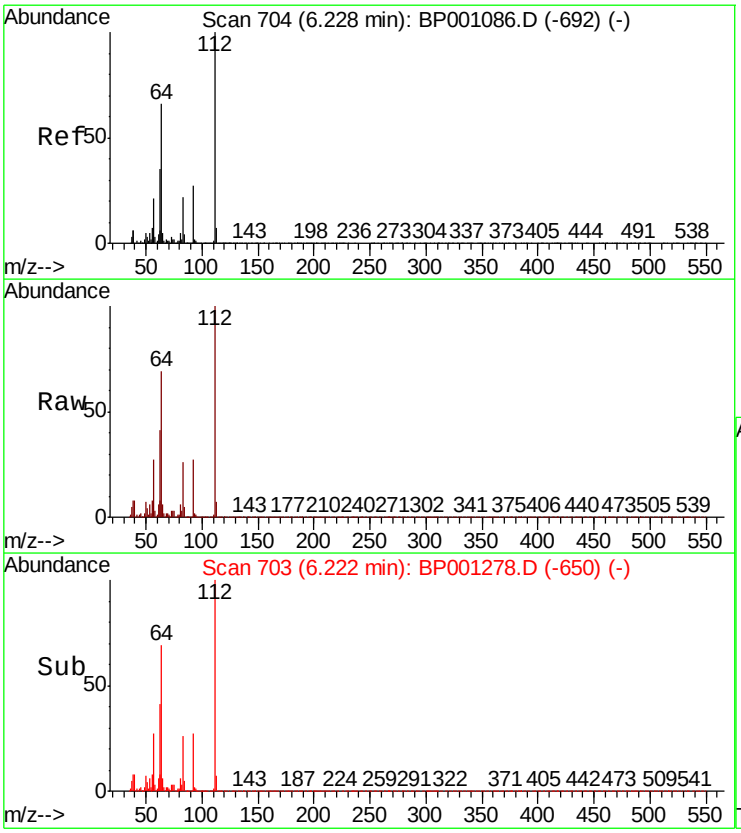
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BP001278.D
Acq: 09 Dec 2019 19:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 78477

Ion	Ratio	Lower	Upper
152	100		
150	157.1	127.3	190.9
115	72.1	56.0	84.0

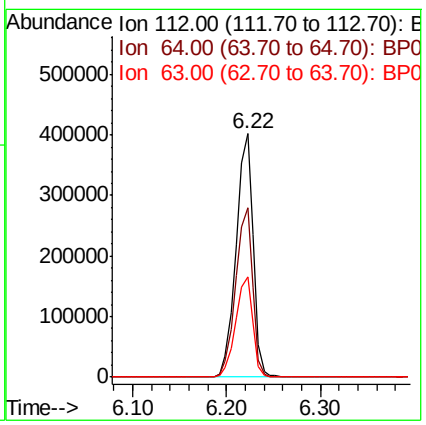


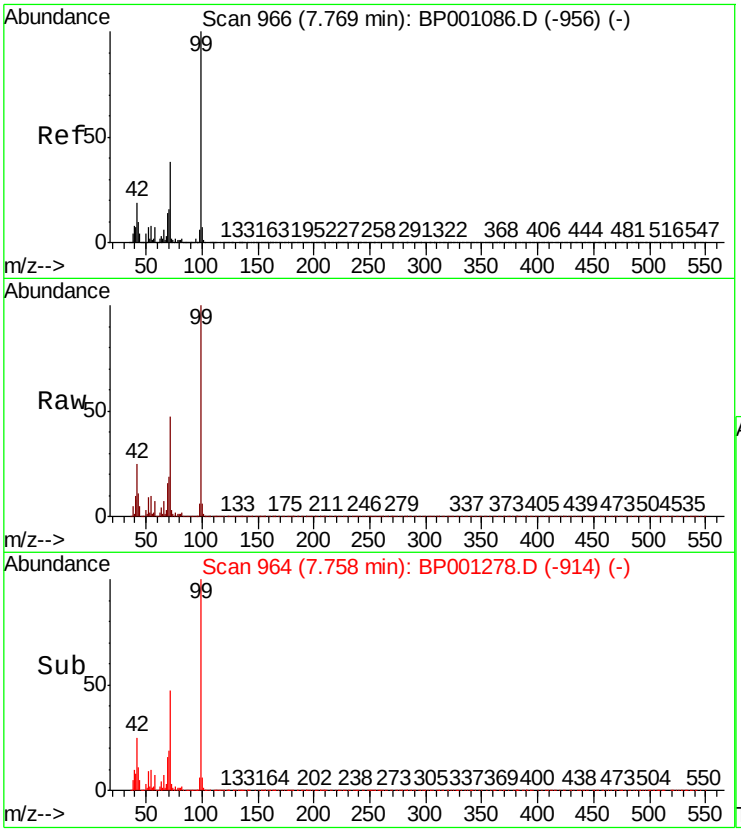


#5
2-Fluorophenol
Concen: 106.509 ng
RT: 6.22 min Scan# 703
Delta R.T. 0.01 min
Lab File: BP001278.D
Acq: 09 Dec 2019 19:16

Tgt Ion:112 Resp: 503804

Ion	Ratio	Lower	Upper
112	100		
64	69.4	56.8	85.2
63	41.4	32.2	48.2



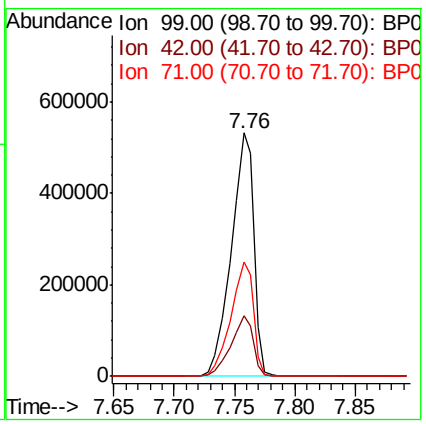


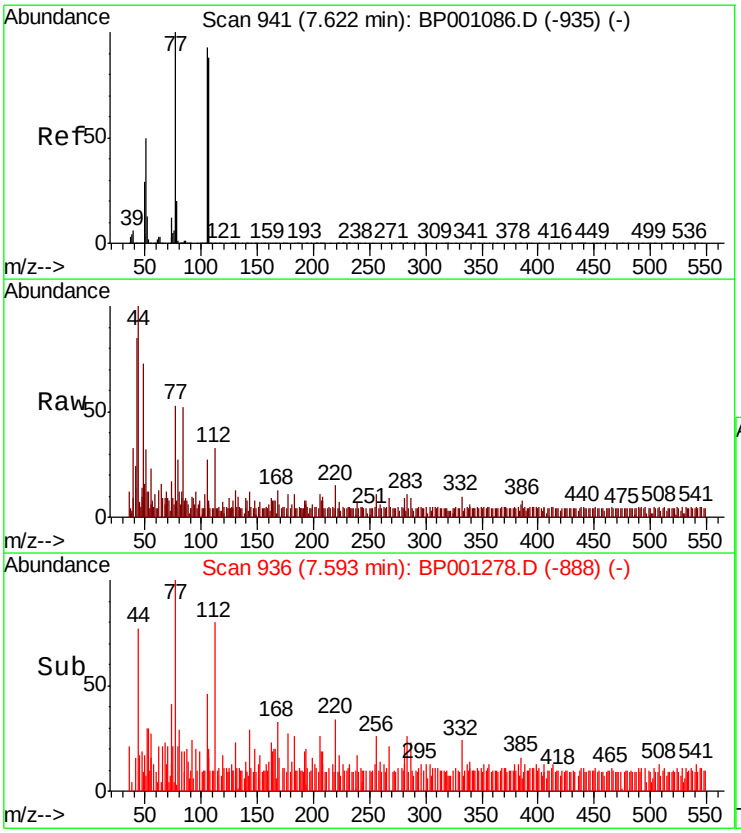
#7
Phenol-d6
Concen: 109.840 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BP001278.D
Acq: 09 Dec 2019 19:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 692180

Ion	Ratio	Lower	Upper
99	100		
42	24.8	17.6	26.4
71	46.8	33.8	50.8

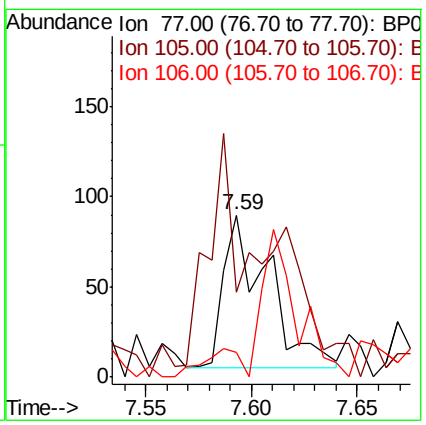


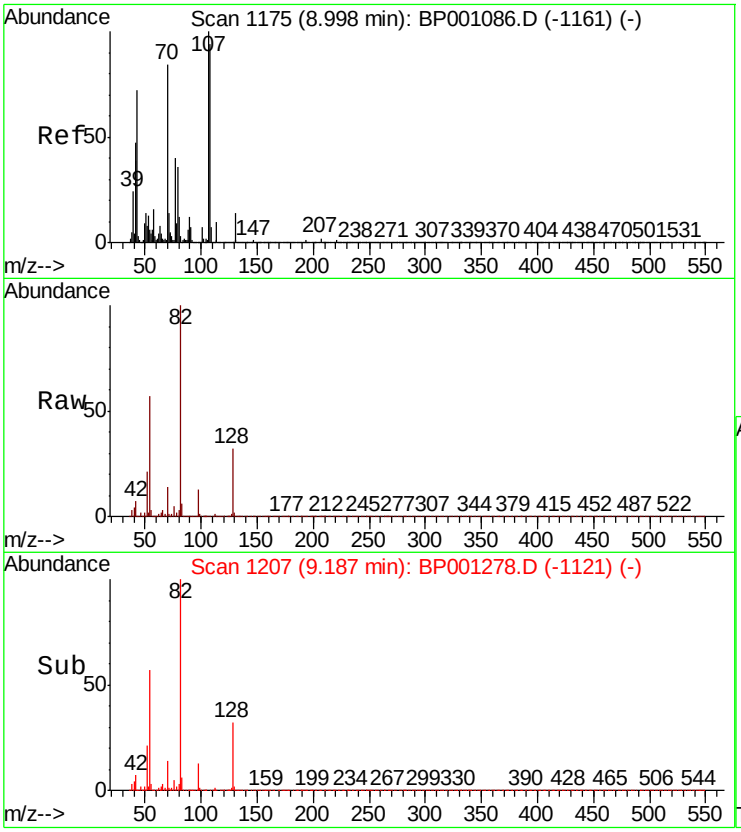


#9
Benzaldehyde
Concen: Below Cal
RT: 7.59 min Scan# 936
Delta R.T. -0.02 min
Lab File: BP001278.D
Acq: 09 Dec 2019 19:16

Tgt Ion: 77 Resp: 125

Ion	Ratio	Lower	Upper
77	100		
105	45.2	69.7	109.7#
106	24.0	67.1	107.1#



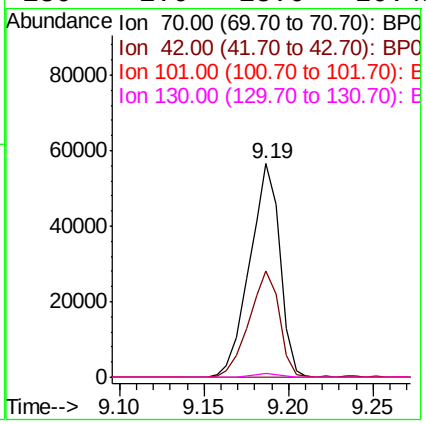


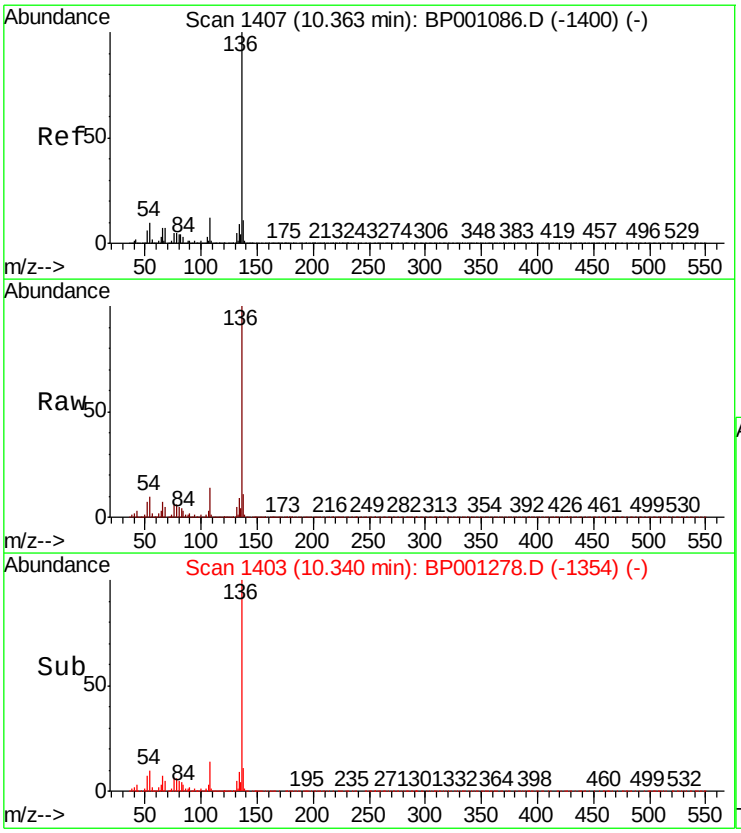
#19
n-Nitroso-di-n-propylamine
Concen: 15.465 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.21 min
Lab File: BP001278.D
Acq: 09 Dec 2019 19:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 70322

Ion	Ratio	Lower	Upper
70	100		
42	49.6	50.6	76.0#
101	0.0	7.1	10.7#
130	1.6	13.6	20.4#

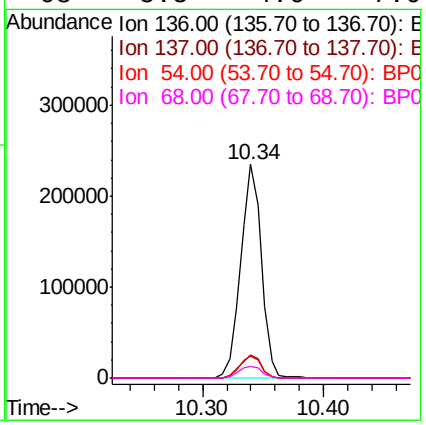


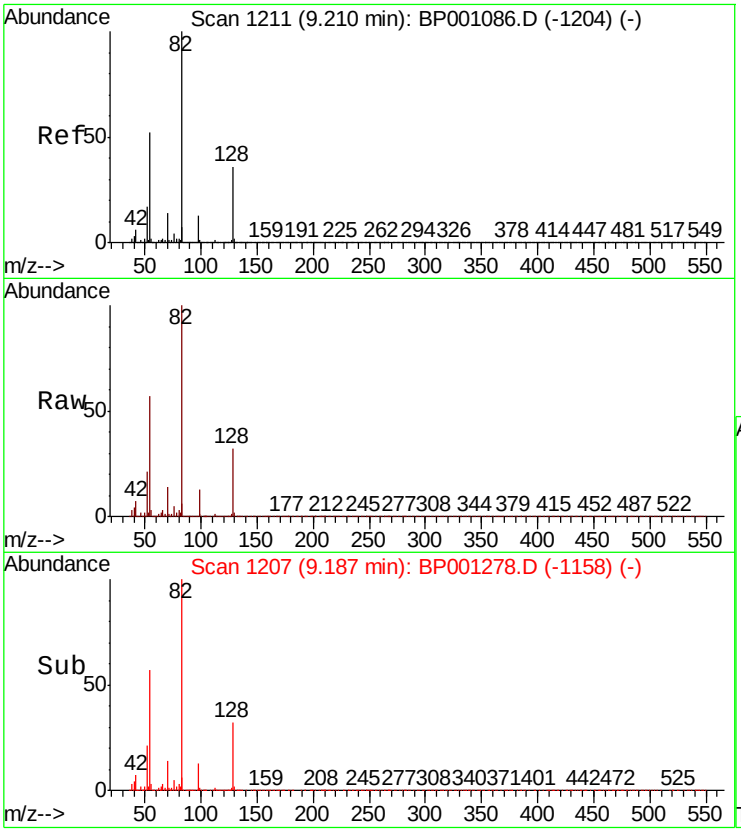


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001278.D
Acq: 09 Dec 2019 19:16

Tgt Ion:136 Resp: 282587

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	10.3	7.4	11.0
68	5.5	4.6	7.0



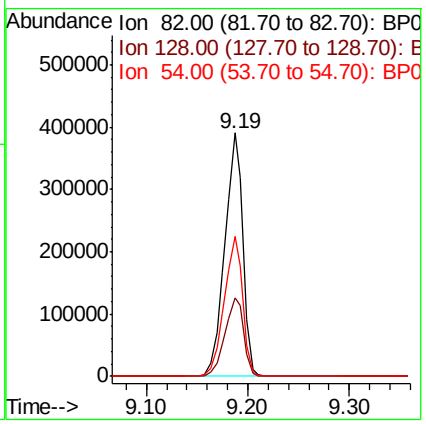


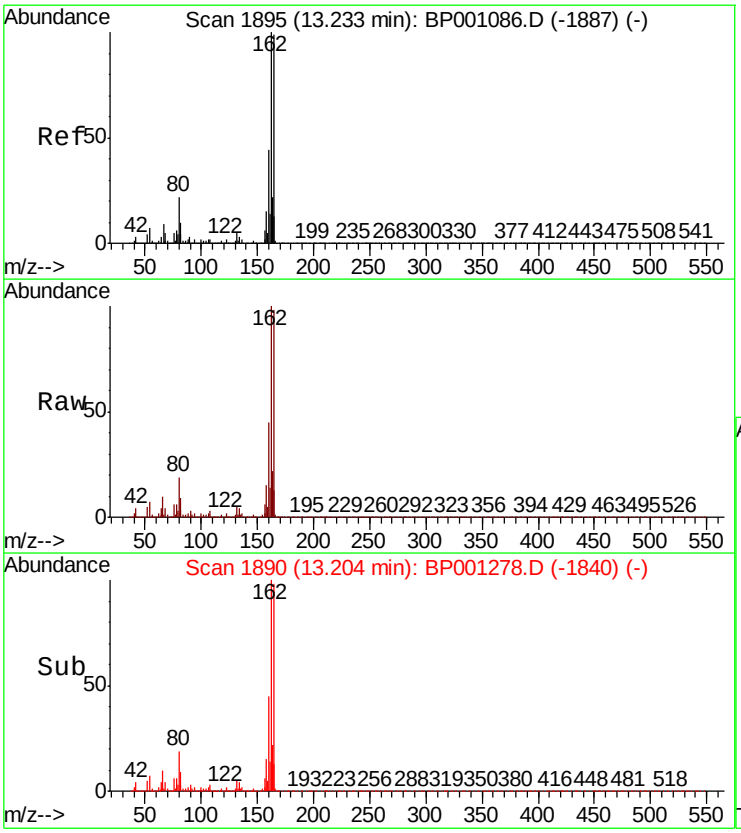
#23
Nitrobenzene-d5
Concen: 74.323 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001278.D
Acq: 09 Dec 2019 19:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 484089

Ion	Ratio	Lower	Upper
82	100		
128	32.2	27.5	41.3
54	57.5	45.7	68.5

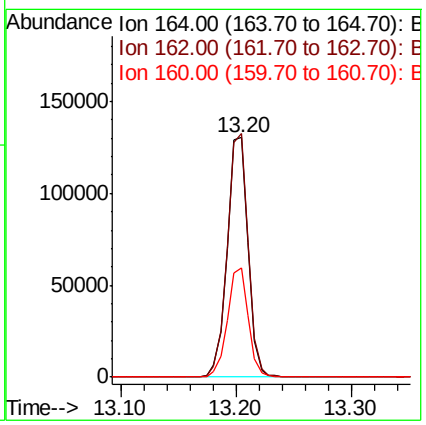


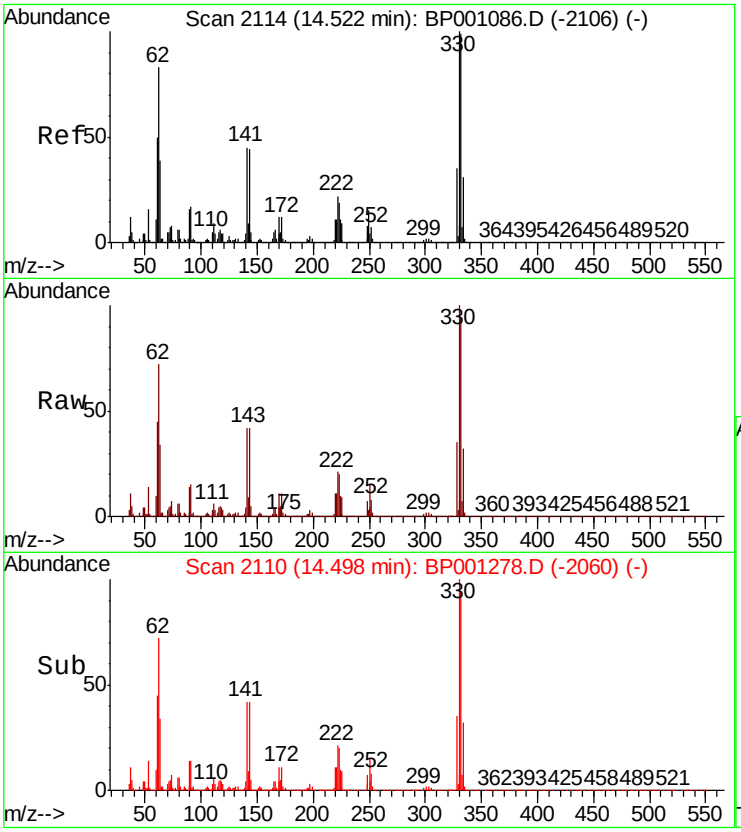


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001278.D
Acq: 09 Dec 2019 19:16

Tgt Ion:164 Resp: 163534

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.7	121.1
160	45.3	36.3	54.5



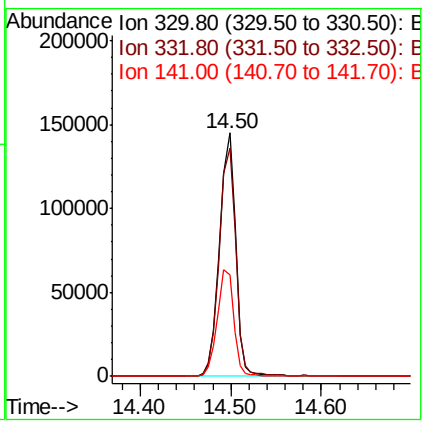


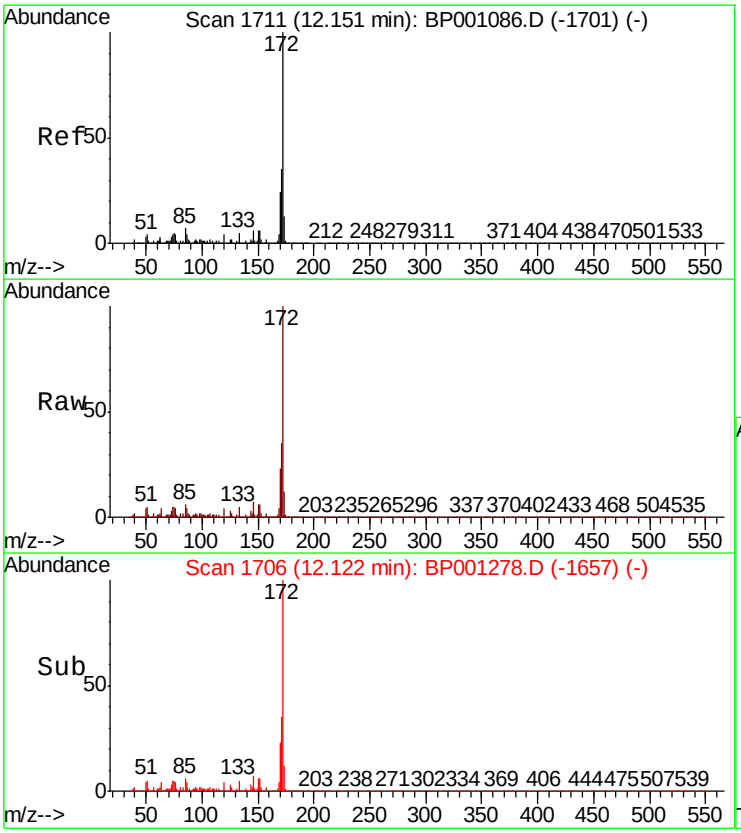
#42
2,4,6-Tribromophenol
Concen: 114.403 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001278.D
Acq: 09 Dec 2019 19:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 179324

Ion	Ratio	Lower	Upper
330	100		
332	95.7	79.1	118.7
141	45.1	35.9	53.9

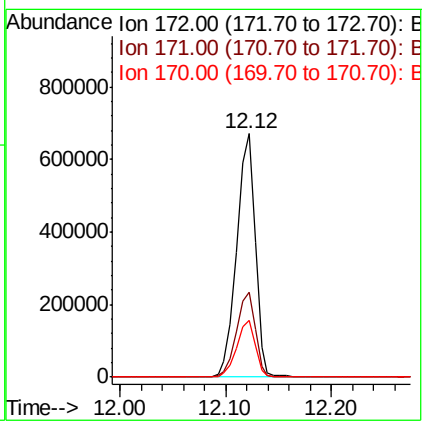


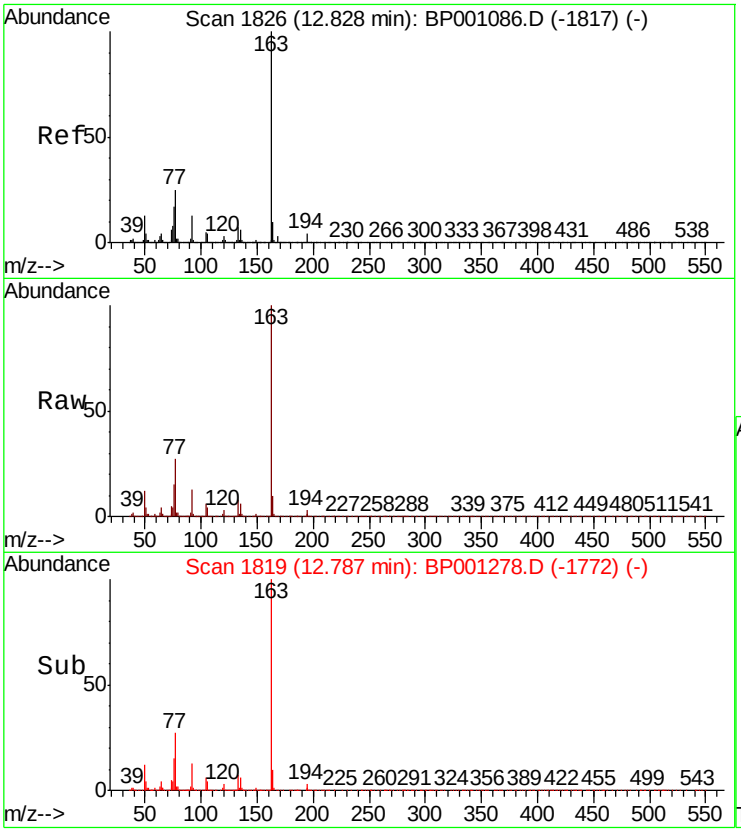


#45
2-Fluorobiphenyl
Concen: 72.543 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001278.D
Acq: 09 Dec 2019 19:16

Tgt Ion:172 Resp: 810571

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.7	43.1
170	23.2	19.2	28.8



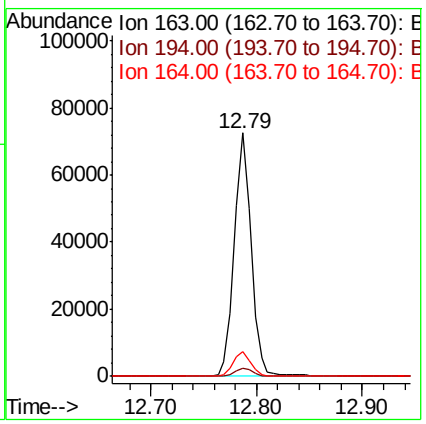


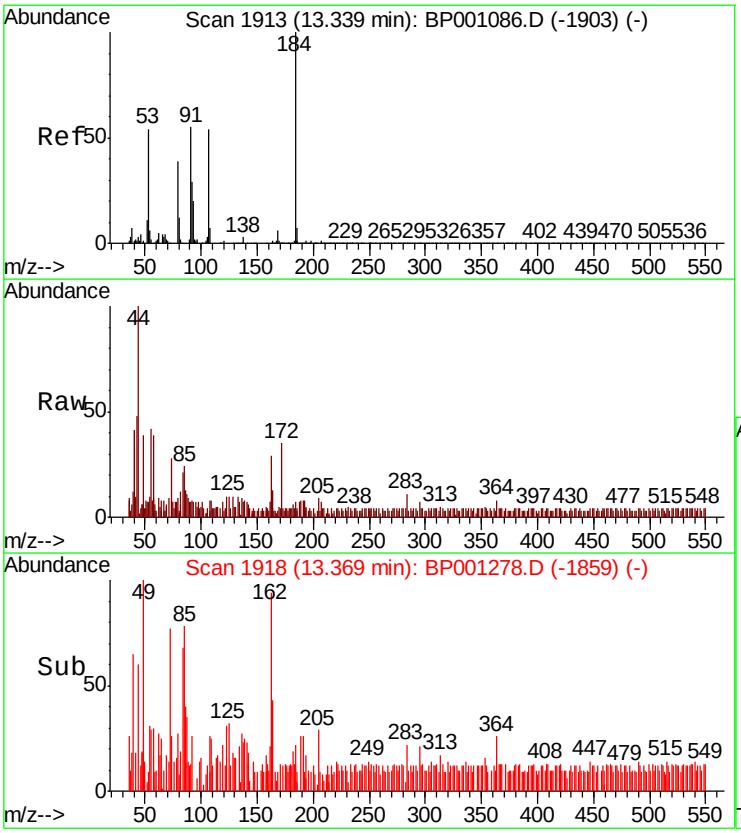
#50
Dimethylphthalate
Concen: 6.514 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BP001278.D
Acq: 09 Dec 2019 19:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 79674

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.1	4.7
164	9.9	8.2	12.4

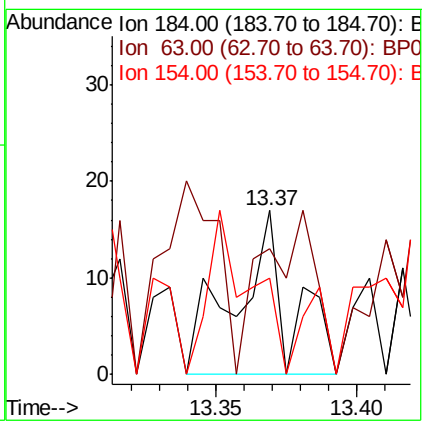


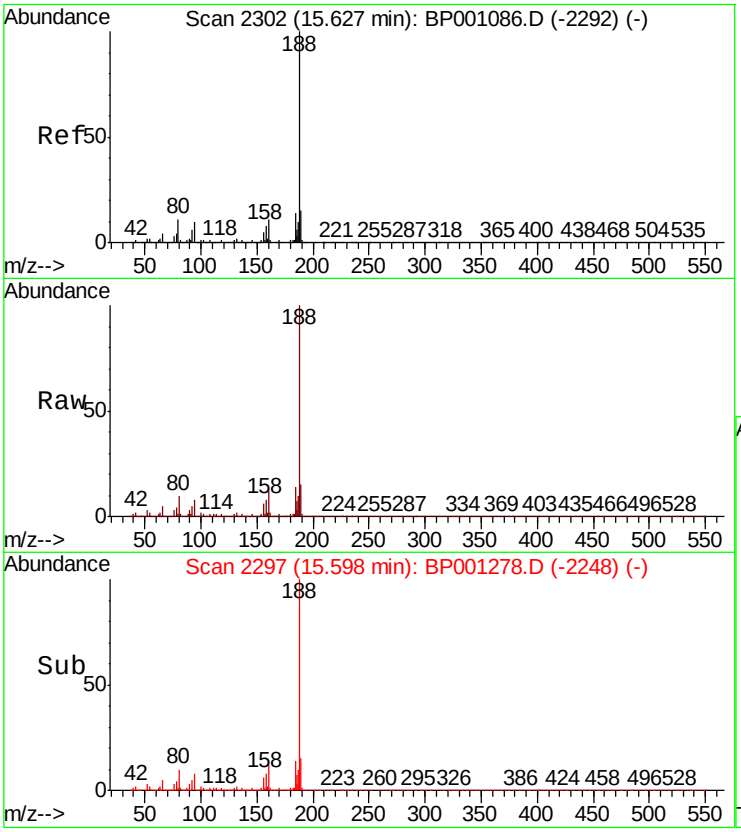


#54
2,4-Dinitrophenol
Concen: 7.129 ng
RT: 13.37 min Scan# 1918
Delta R.T. 0.05 min
Lab File: BP001278.D
Acq: 09 Dec 2019 19:16

Tgt Ion:184 Resp: 23

Ion	Ratio	Lower	Upper
184	100		
63	76.5	69.4	104.0
154	58.8	57.4	86.2



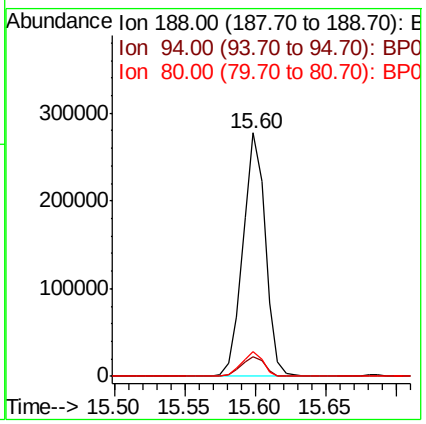


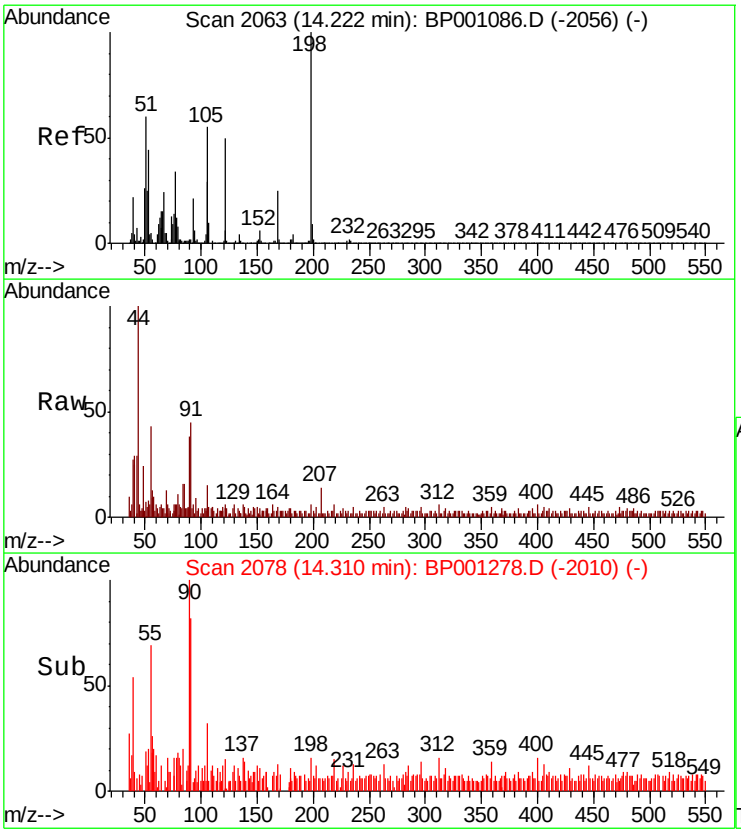
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BP001278.D
Acq: 09 Dec 2019 19:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 309048

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	10.2	7.8	11.6

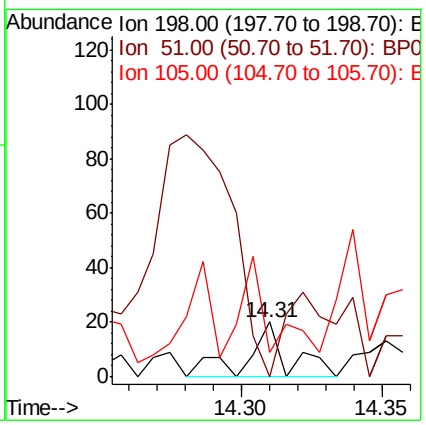


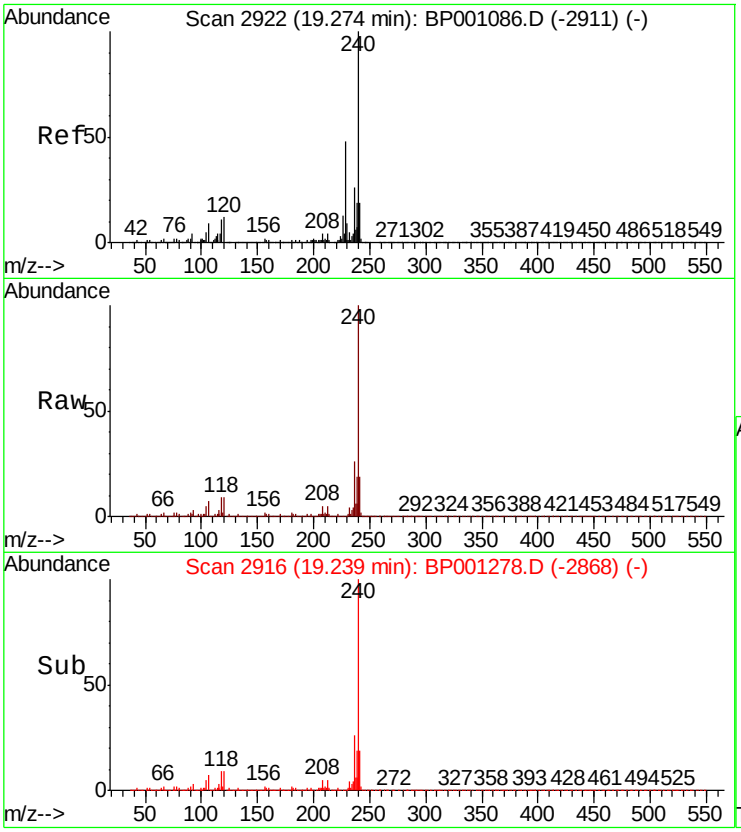


#65
4,6-Dinitro-2-methylphenol
Concen: 6.290 ng
RT: 14.31 min Scan# 2078
Delta R.T. 0.10 min
Lab File: BP001278.D
Acq: 09 Dec 2019 19:16

Tgt Ion:198 Resp: 20

Ion	Ratio	Lower	Upper
198	100		
51	0.0	36.2	76.2#
105	45.0	30.2	70.2



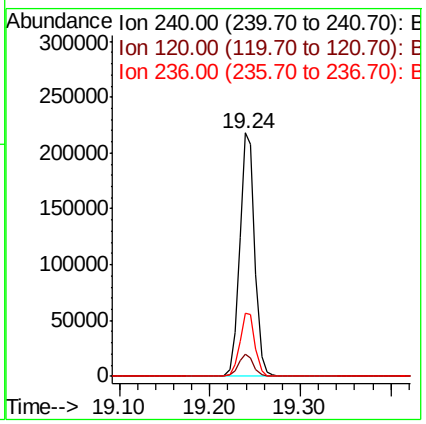


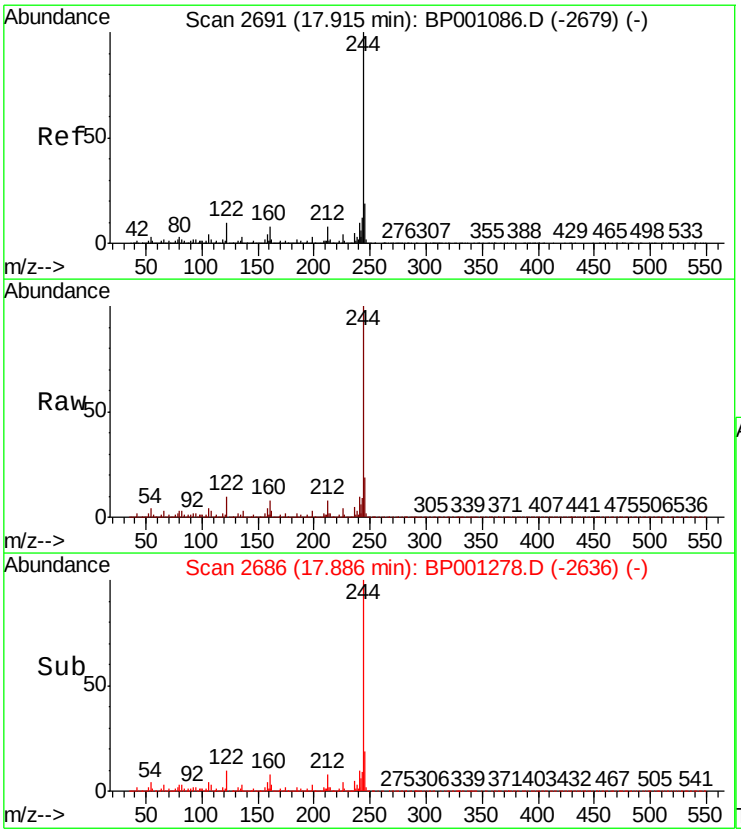
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.02 min
Lab File: BP001278.D
Acq: 09 Dec 2019 19:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 252607

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.0	10.6
236	25.9	21.7	32.5

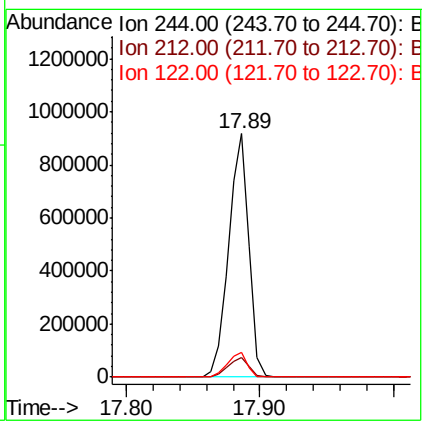


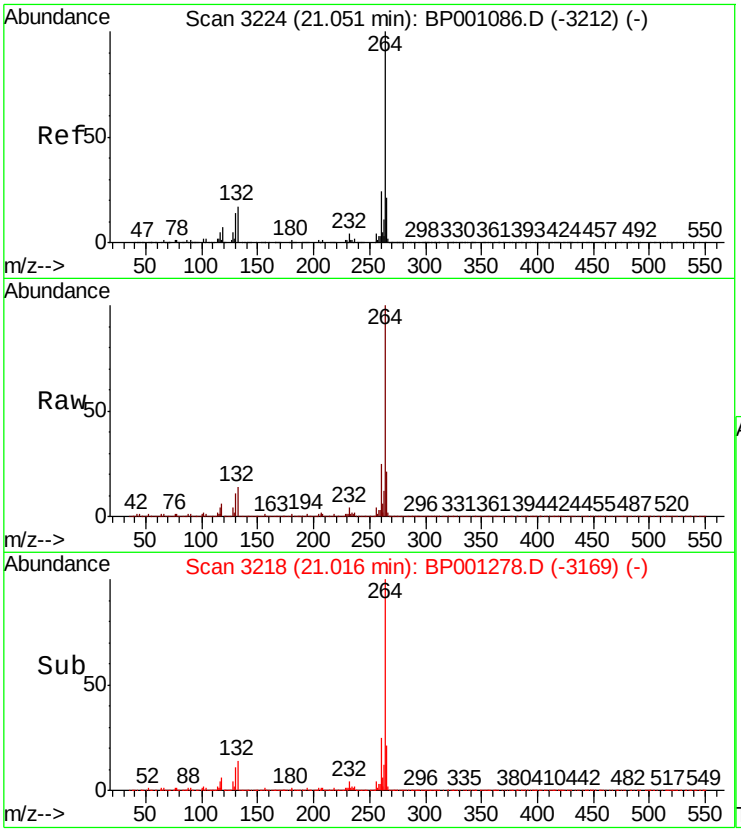


#79
Terphenyl-d14
Concen: 71.264 ng
RT: 17.89 min Scan# 2686
Delta R.T. -0.01 min
Lab File: BP001278.D
Acq: 09 Dec 2019 19:16

Tgt Ion:244 Resp: 973020

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	10.0	9.2	13.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BP001278.D
Acq: 09 Dec 2019 19:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 272791

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.0
265	21.0	17.1	25.7