Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001115.D
Acq On : 28 Nov 2019 08:47
Operator : JU
Sample : K5663-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : AU-06-112219

Quant Time: Nov 29 02:42:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	145233	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	536611	20.00	ng	0.00
39) Acenaphthene-d10	13.22	164	305812	20.00	ng	-0.01
64) Phenanthrene-d10	15.62	188	590335	20.00	ng	0.00
76) Chrysene-d12	19.26	240	472519	20.00	ng	-0.01
87) Perylene-d12	21.04	264	507794	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	1193447	136.33	ng	0.02
7) Phenol-d6	7.78	99	1609530	138.01	ng	0.01
23) Nitrobenzene-d5	9.21	82	1068699	86.41	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	402954	137.47	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1759419	84.20	ng	0.00
79) Terphenyl-d14	17.91	244	2240283	87.72	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.63	77	410	Below Cal	#	63
19) n-Nitroso-di-n-propylamine	9.21	70	147998	17.587	ng	# 79
50) Dimethylphthalate	12.81	163	83770	3.663	ng	98
54) 2,4-Dinitrophenol	13.32	184	24	7.120	ng	88
65) 4,6-Dinitro-2-methylphenol	14.12	198	32	6.287	ng	# 1
77) Benzidine	17.56	184	30156	2.472	ng	# 96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
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Acq On : 28 Nov 2019 08:47
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 17:38:46 2019
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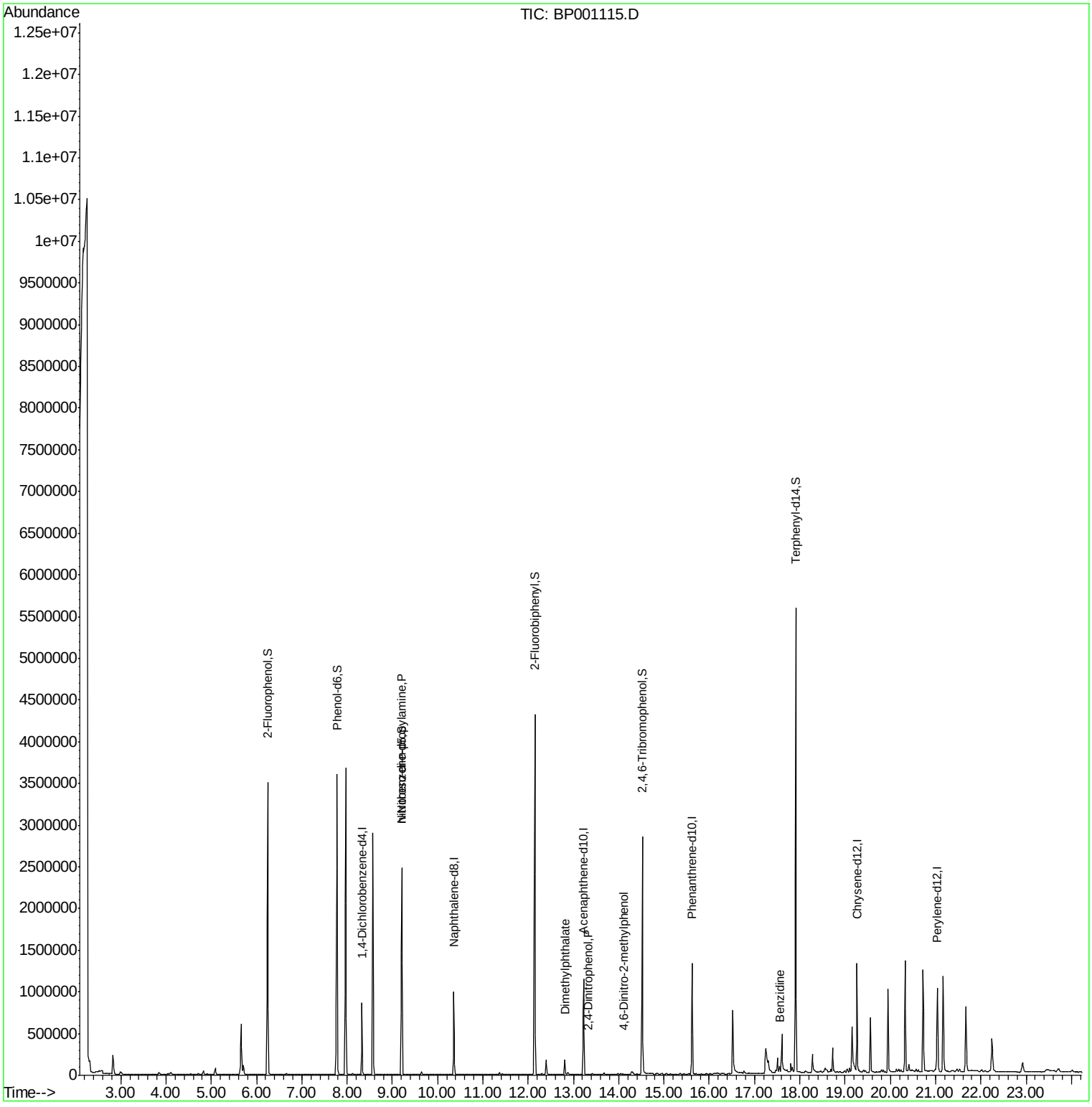
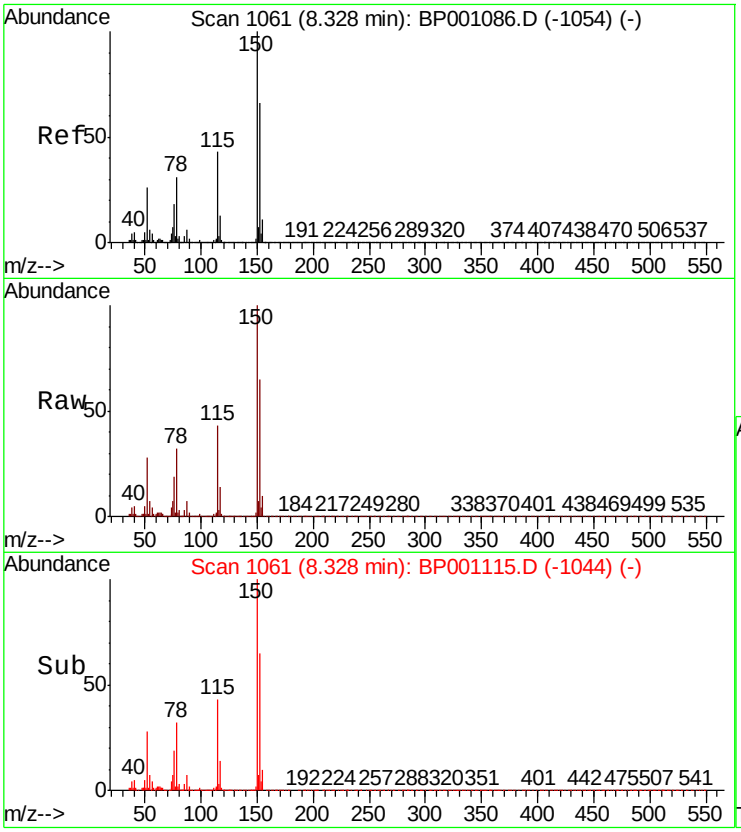


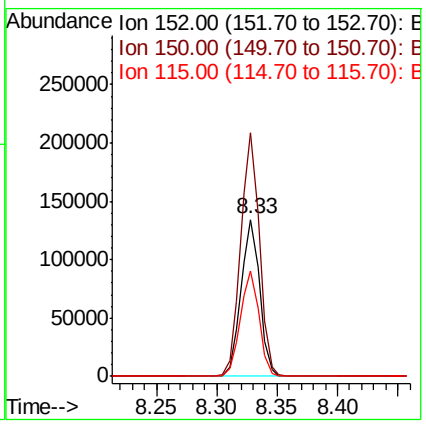


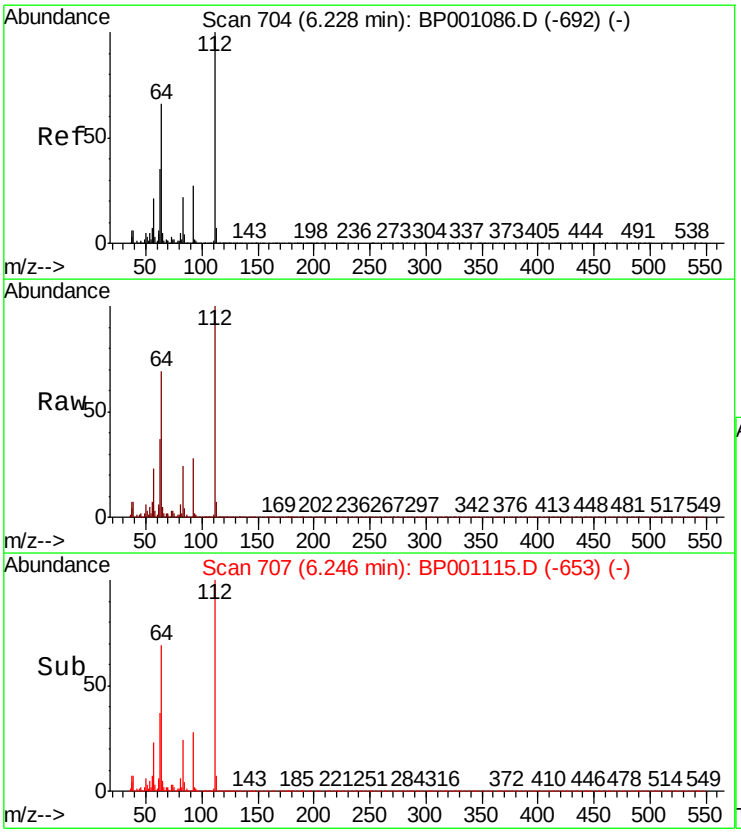
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Instrument :
BNA_P
ClientSampleId :
AU-06-112219

Tgt Ion:152 Resp: 145233

Ion	Ratio	Lower	Upper
152	100		
150	155.0	120.6	181.0
115	67.0	51.6	77.4

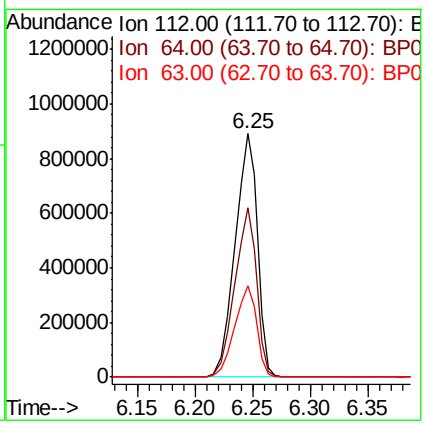




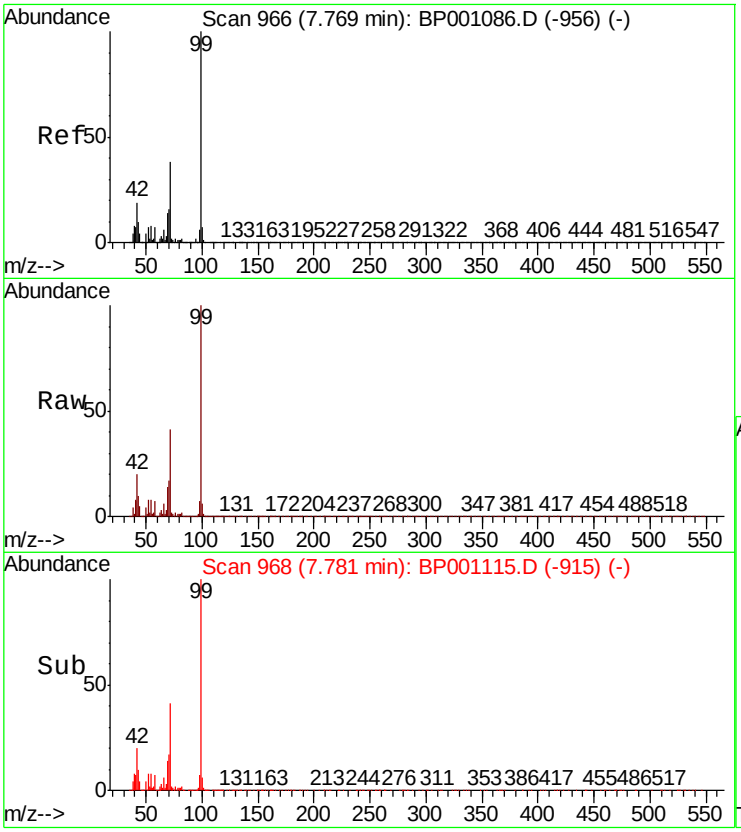
#5
2-Fluorophenol
Concen: 136.334 ng
RT: 6.25 min Scan# 707
Delta R.T. 0.02 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Tgt Ion:112 Resp: 1193447

Ion	Ratio	Lower	Upper
112	100		
64	69.5	52.8	79.2
63	37.5	28.2	42.2



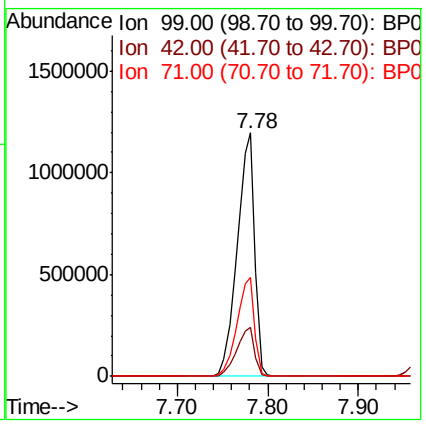
Instrument : BNA_P
ClientSampleId : AU-06-112219

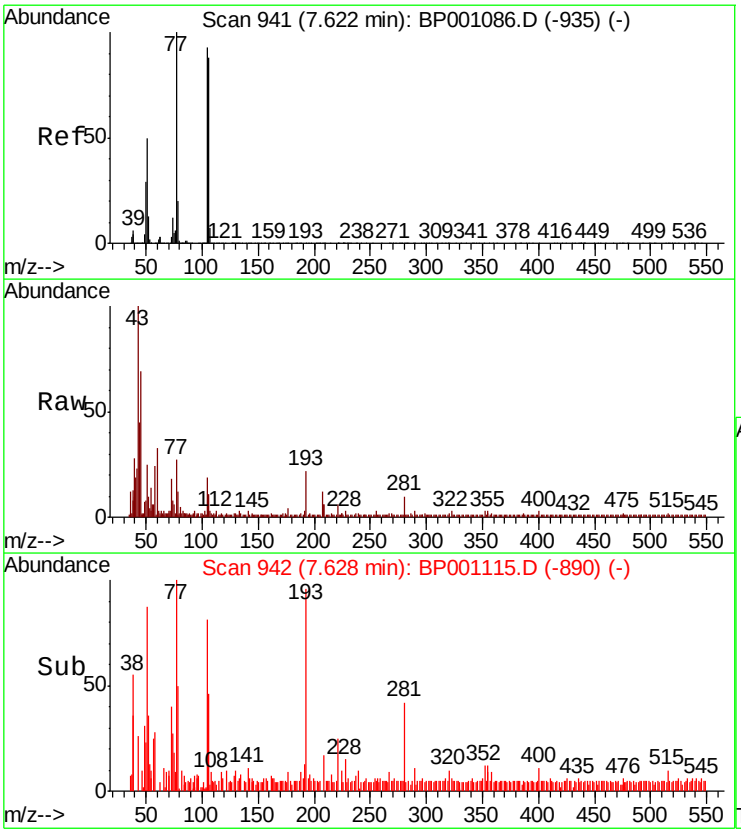


#7
Phenol-d6
Concen: 138.012 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Tgt Ion: 99 Resp: 1609530

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.4	23.0
71	40.7	30.8	46.2

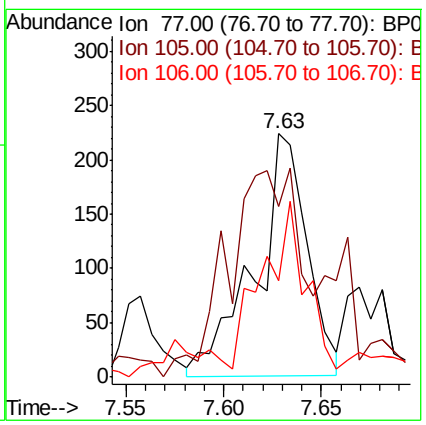


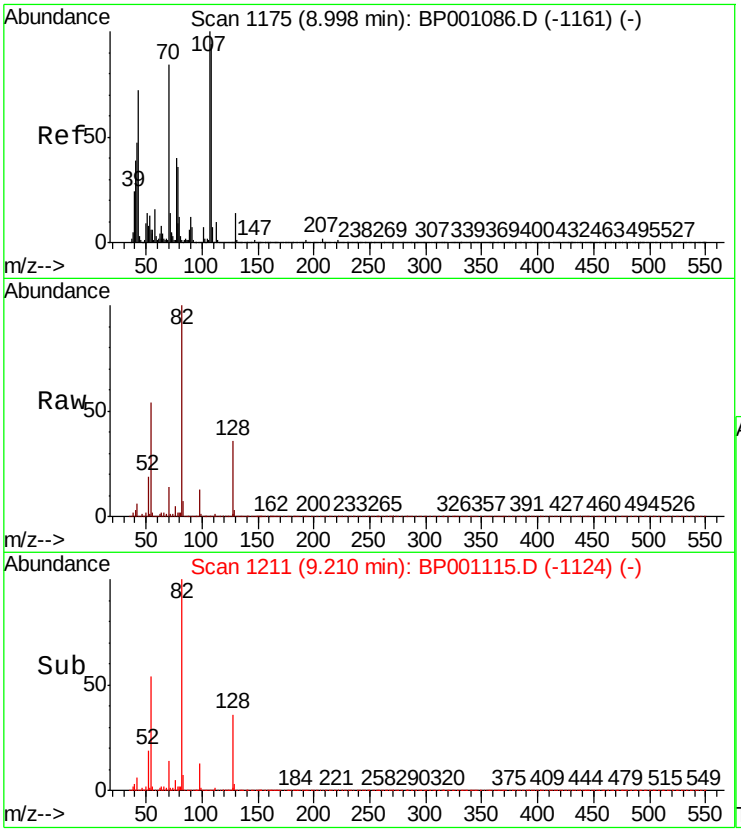


#9
Benzaldehyde
Concen: Below Cal
RT: 7.63 min Scan# 942
Delta R.T. 0.01 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Tgt Ion: 77 Resp: 410

Ion	Ratio	Lower	Upper
77	100		
105	70.1	72.5	112.5#
106	39.7	67.6	107.6#



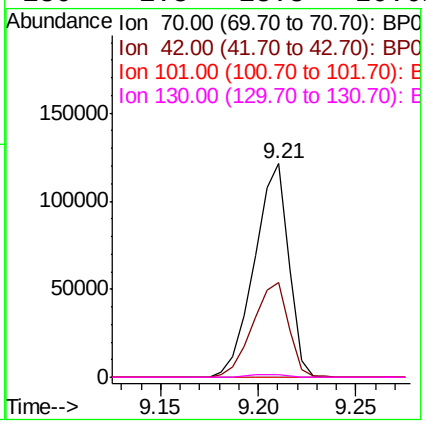


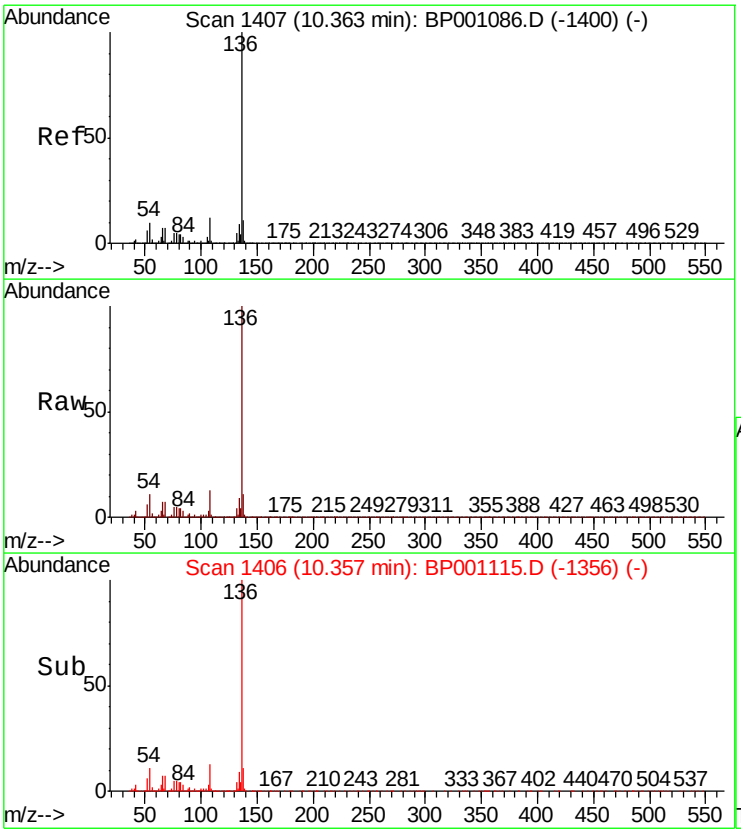
#19
n-Nitroso-di-n-propylamine
Concen: 17.587 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.21 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Instrument :
BNA_P
ClientSampleId :
AU-06-112219

Tgt Ion: 70 Resp: 147998

Ion	Ratio	Lower	Upper
70	100		
42	44.4	44.6	66.8#
101	0.0	7.1	10.7#
130	1.3	13.8	20.6#

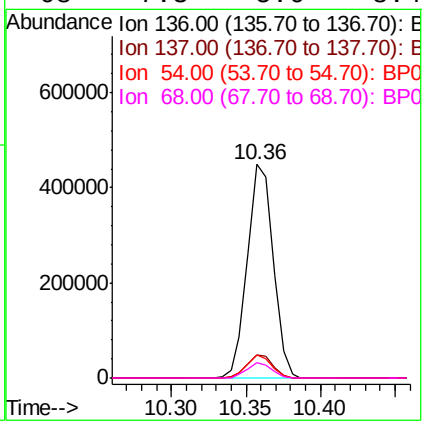


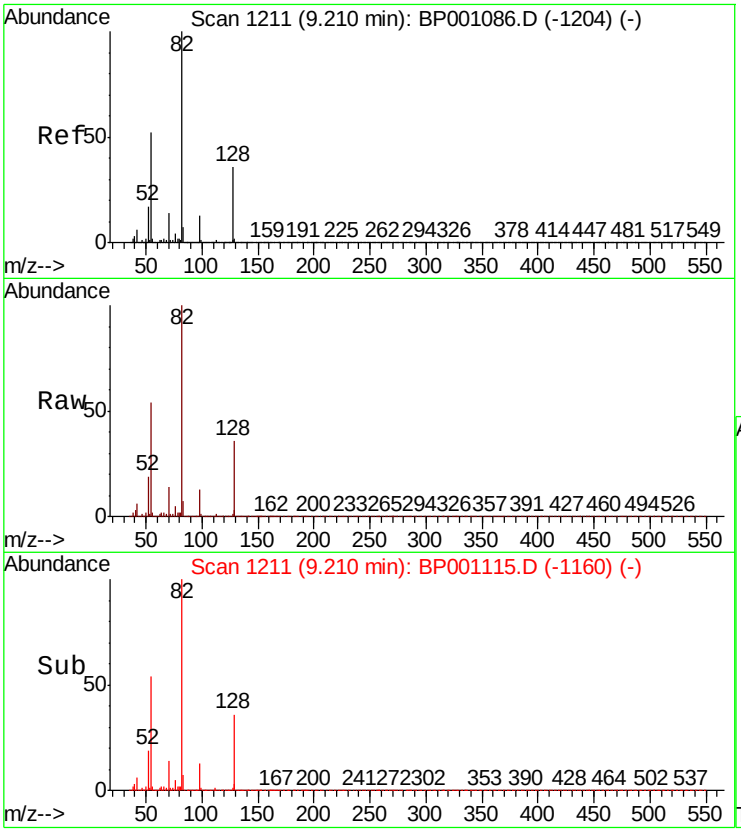


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Tgt Ion:136 Resp: 536611

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.5	7.9	11.9
68	7.3	5.6	8.4



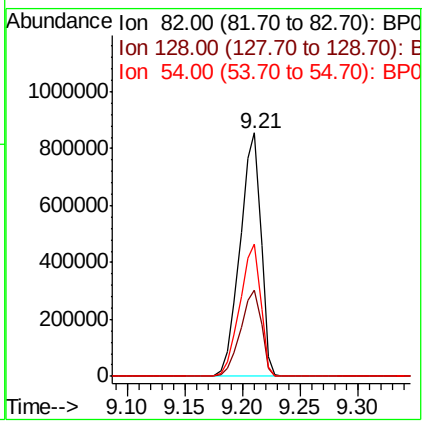


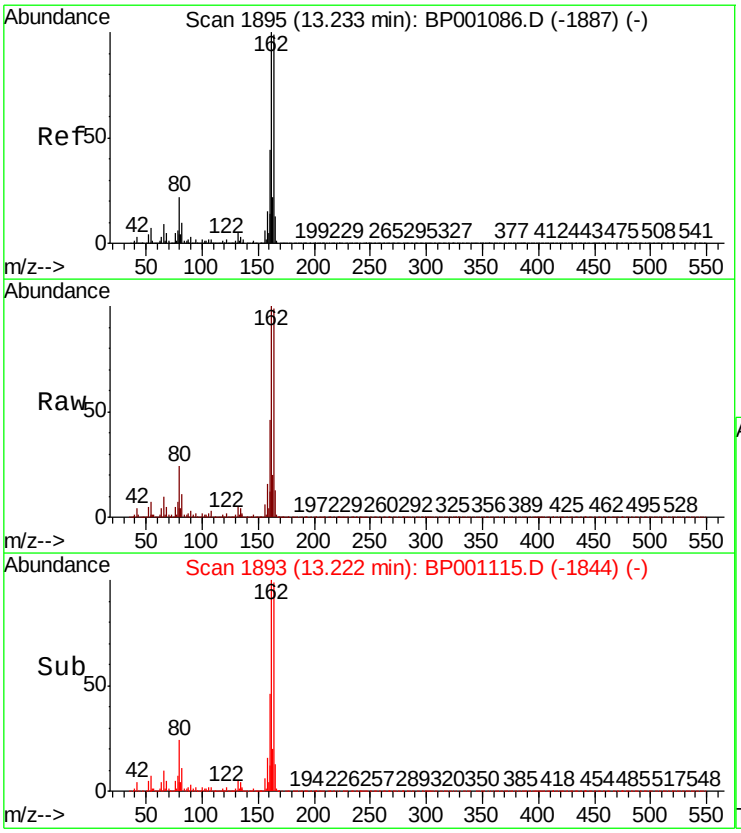
#23
Nitrobenzene-d5
Concen: 86.406 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Instrument :
BNA_P
ClientSampleId :
AU-06-112219

Tgt Ion: 82 Resp: 1068699

Ion	Ratio	Lower	Upper
82	100		
128	35.5	28.9	43.3
54	54.1	41.9	62.9

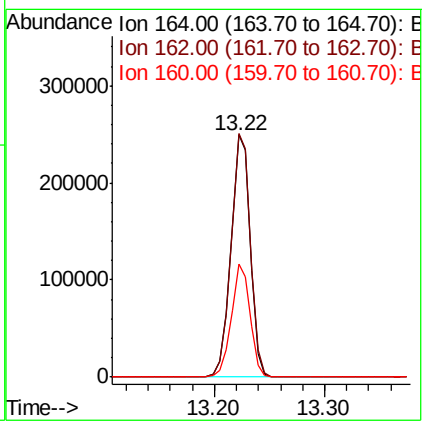


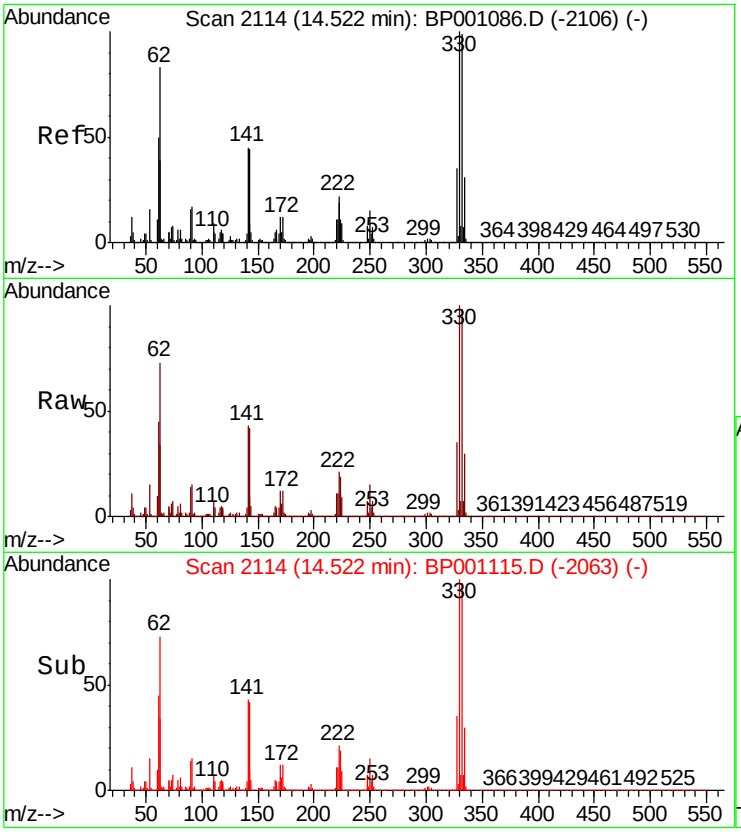


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.22 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Tgt Ion:164 Resp: 305812

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.6	120.8
160	46.6	35.4	53.2



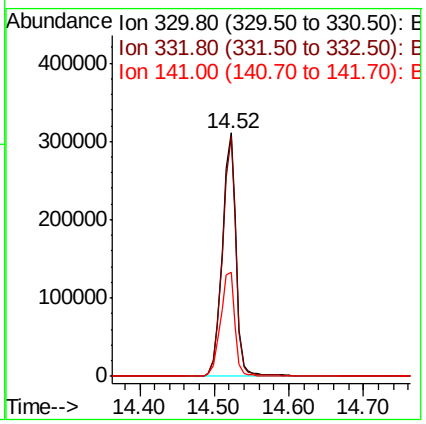


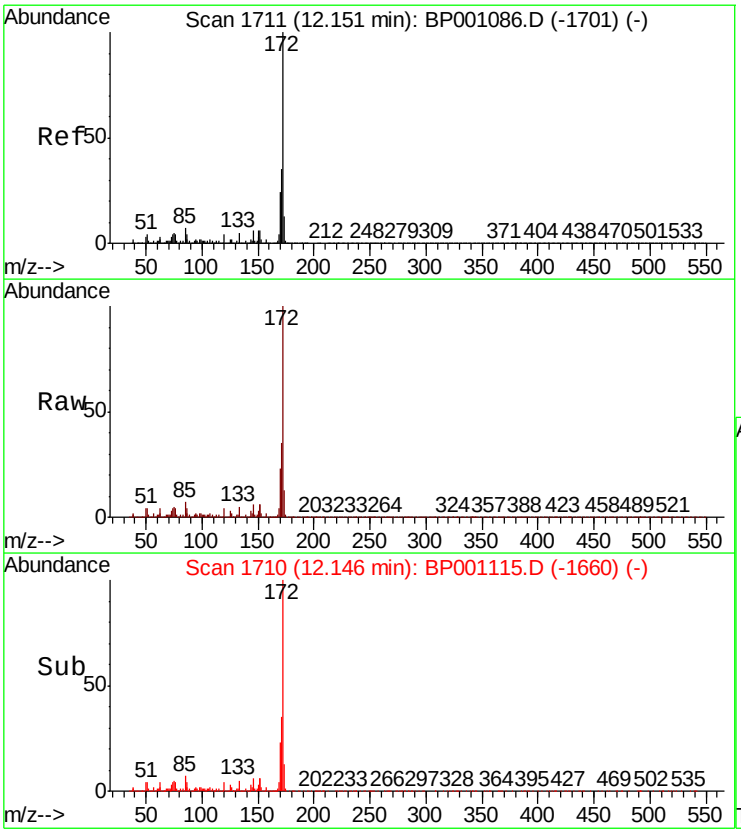
#42
2,4,6-Tribromophenol
Concen: 137.470 ng
RT: 14.52 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Instrument :
BNA_P
ClientSampleId :
AU-06-112219

Tgt Ion:330 Resp: 402954

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.6	116.4
141	44.0	34.2	51.2

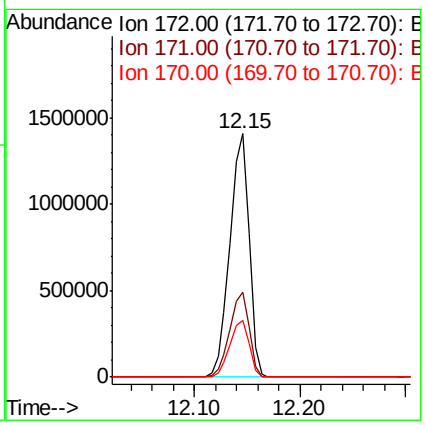


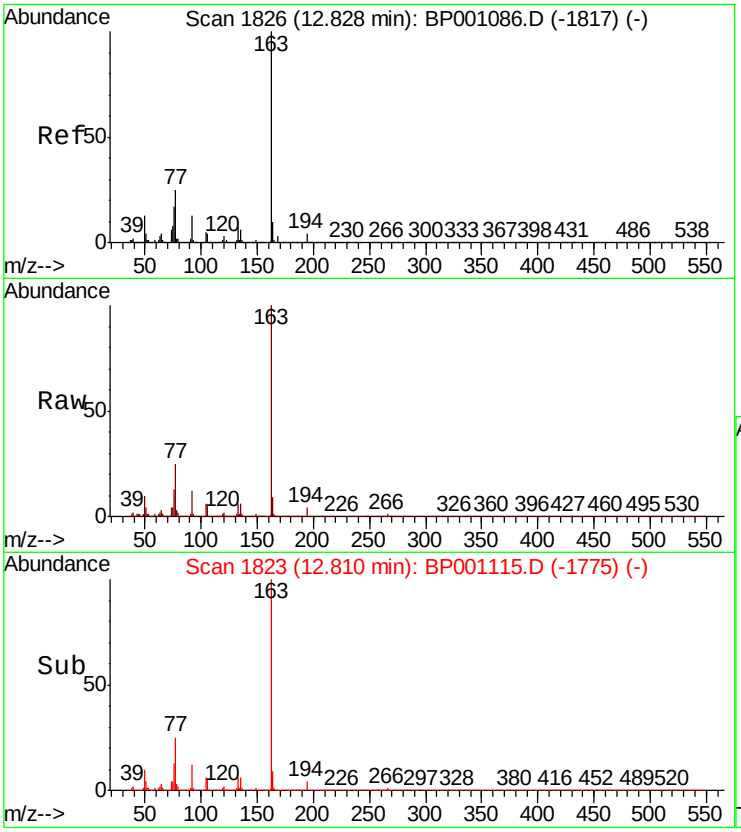


#45
2-Fluorobiphenyl
Concen: 84.203 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Tgt Ion:172 Resp: 1759419

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.4	19.0	28.4



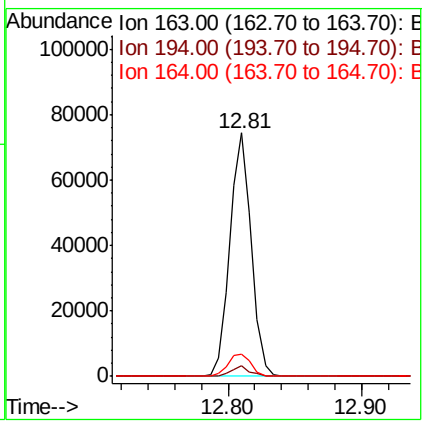


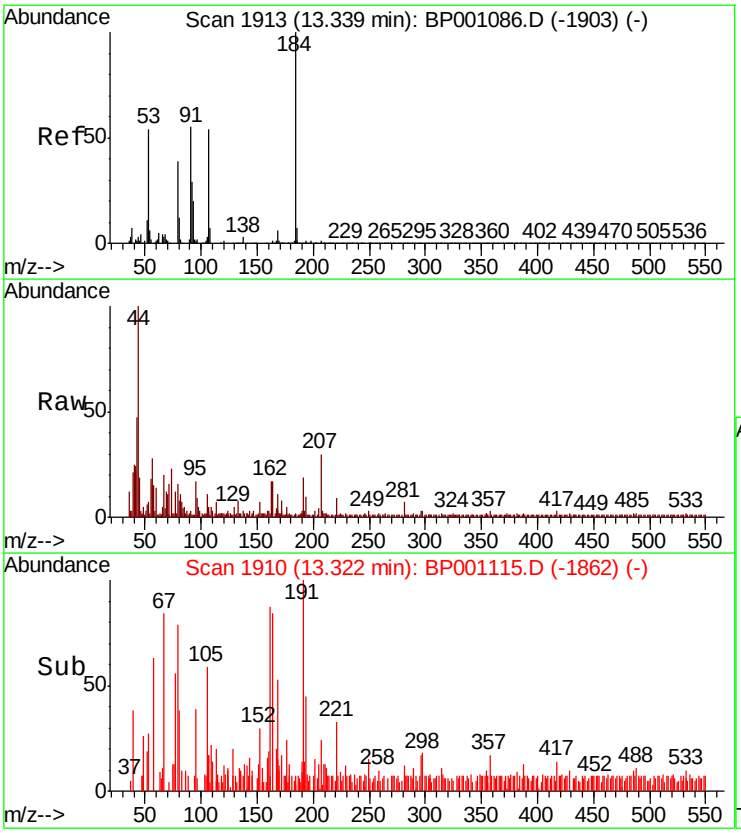
#50
Dimethylphthalate
Concen: 3.663 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Instrument :
BNA_P
ClientSampleId :
AU-06-112219

Tgt Ion:163 Resp: 83770

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.1	4.7
164	9.3	8.1	12.1

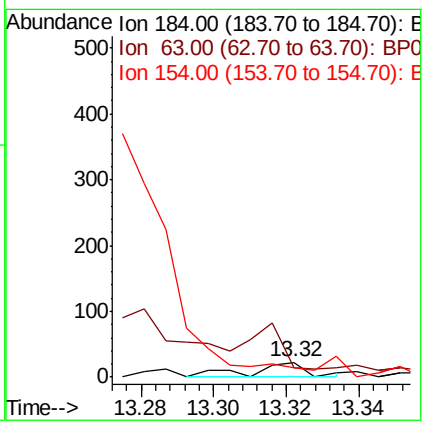


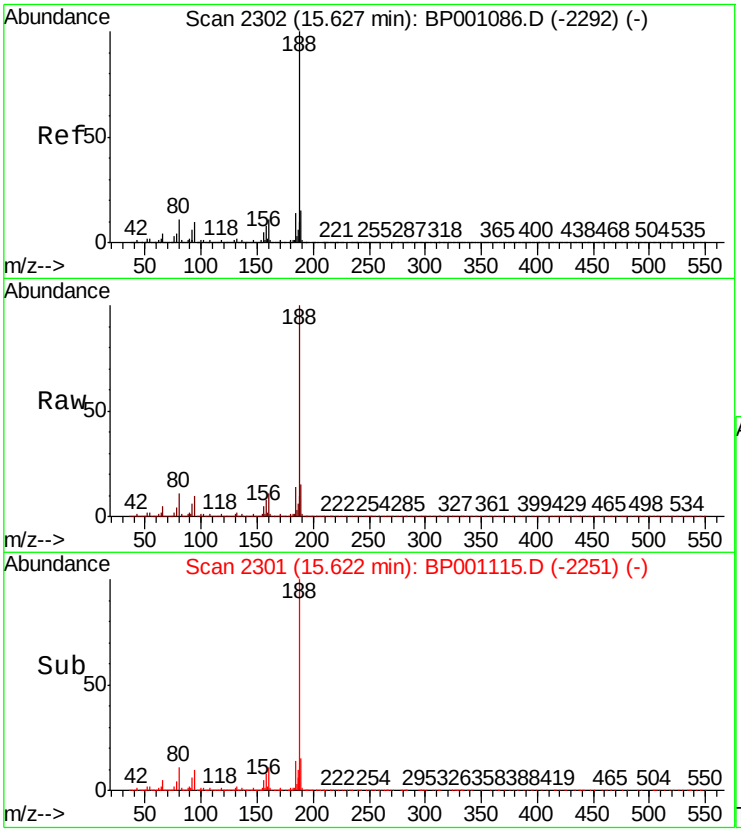


#54
2,4-Dinitrophenol
Concen: 7.120 ng
RT: 13.32 min Scan# 1910
Delta R.T. -0.02 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Tgt Ion:184 Resp: 24

Ion	Ratio	Lower	Upper
184	100		
63	60.9	60.7	91.1
154	65.2	56.2	84.2



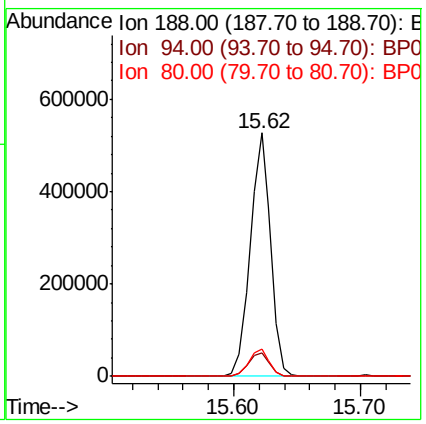


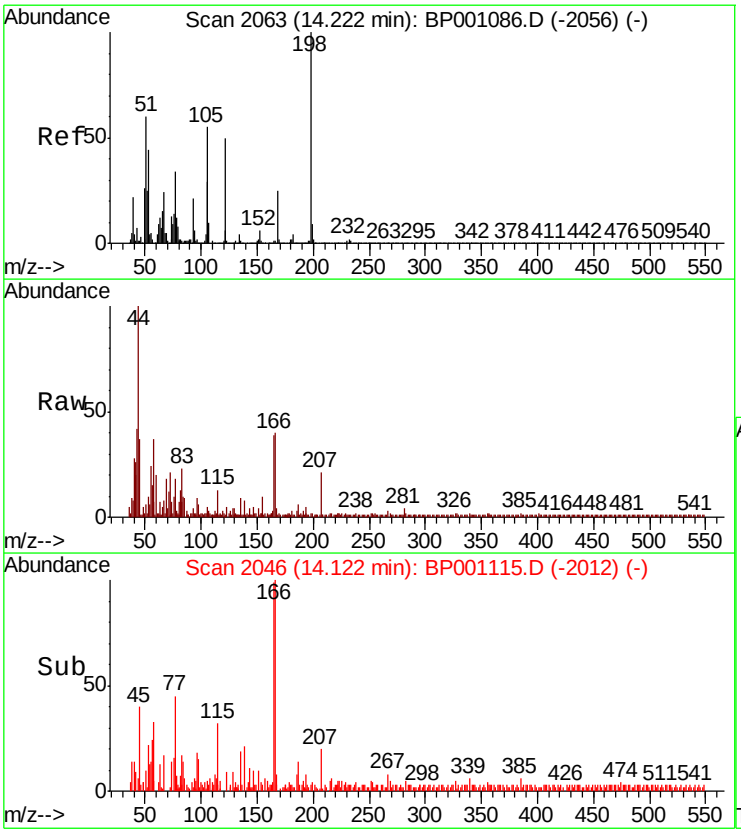
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Instrument :
BNA_P
ClientSampleId :
AU-06-112219

Tgt Ion:188 Resp: 590335

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.9	11.9
80	11.2	8.8	13.2

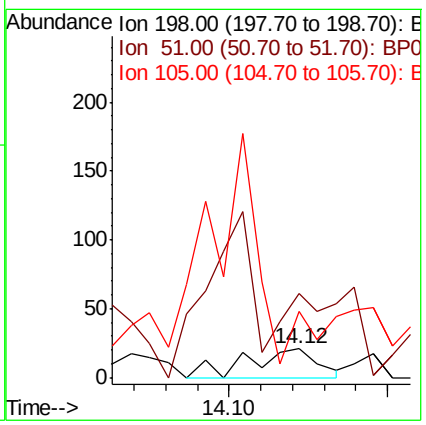


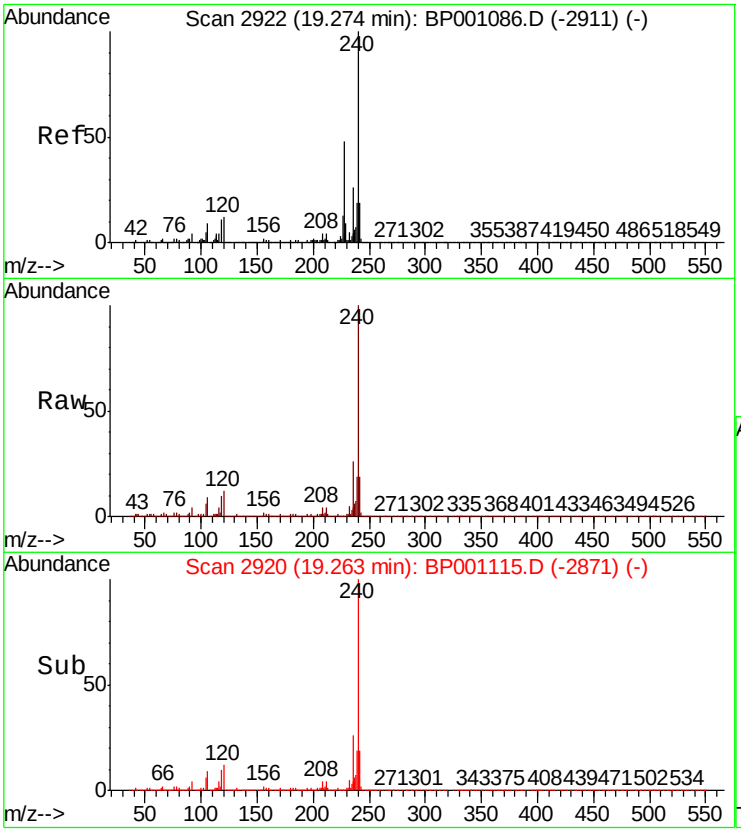


#65
4,6-Dinitro-2-methylphenol
Concen: 6.287 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.10 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Tgt Ion:198 Resp: 32

Ion	Ratio	Lower	Upper
198	100		
51	290.5	40.5	80.5#
105	228.6	35.7	75.7#



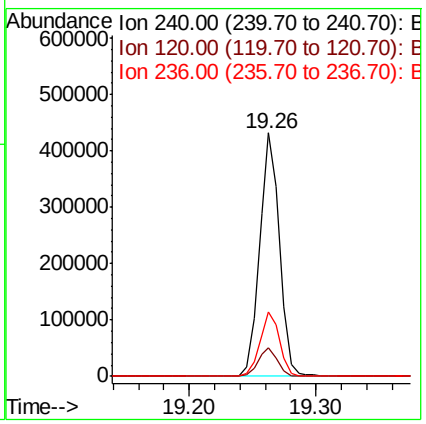


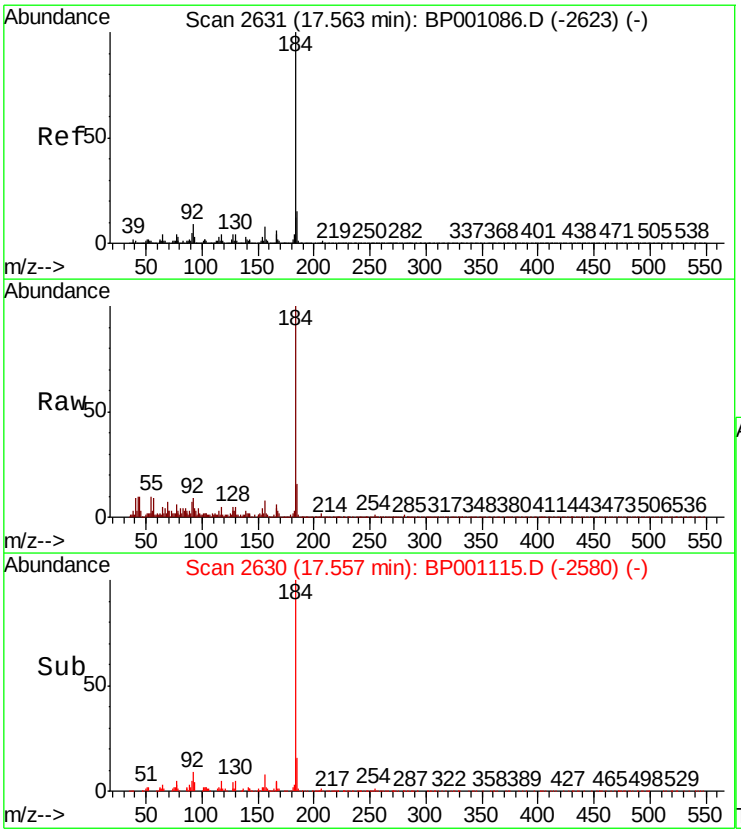
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.26 min Scan# 2920
Delta R.T. -0.01 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Instrument :
BNA_P
ClientSampleId :
AU-06-112219

Tgt Ion:240 Resp: 472519

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	26.5	20.4	30.6

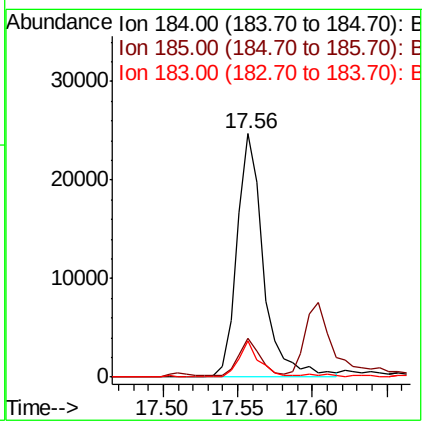


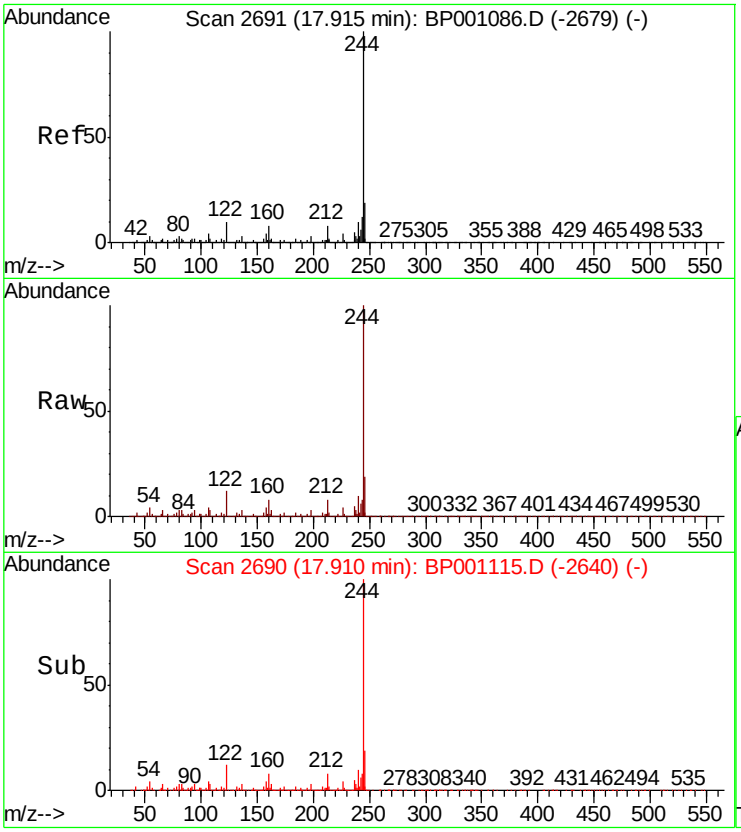


#77
Benzidine
Concen: 2.472 ng
RT: 17.56 min Scan# 2630
Delta R.T. -0.01 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Tgt Ion:184 Resp: 30156

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.2	18.4
183	14.9	9.3	13.9#



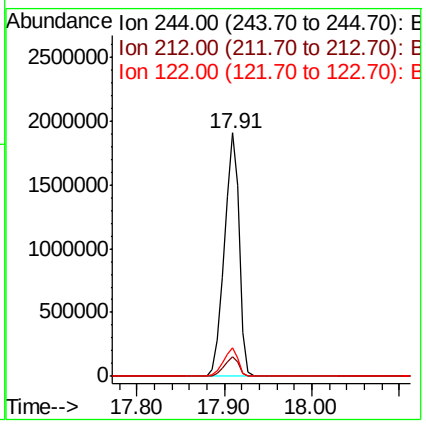


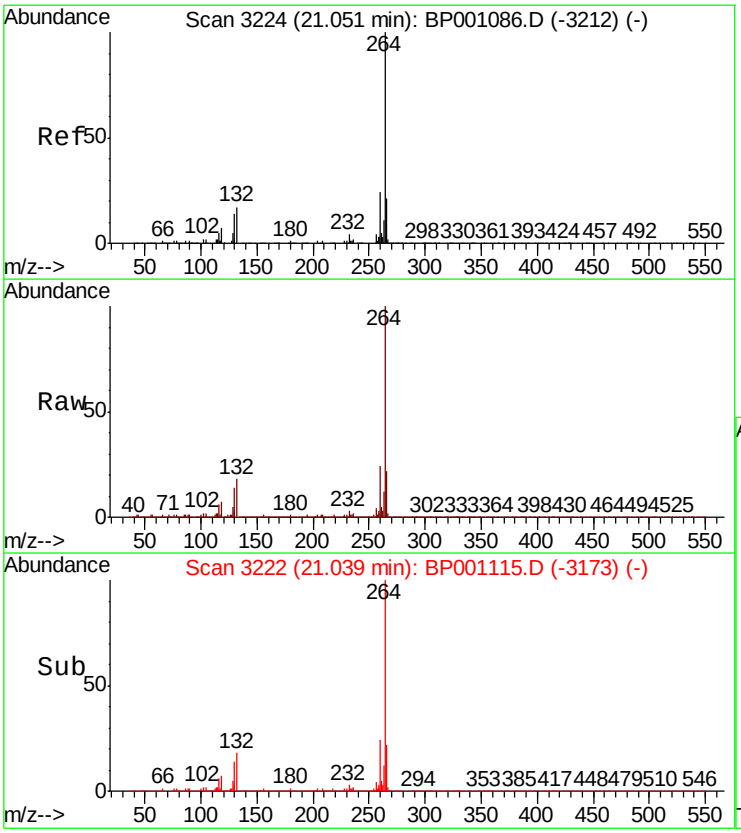
#79
Terphenyl-d14
Concen: 87.716 ng
RT: 17.91 min Scan# 2690
Delta R.T. -0.01 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Instrument :
BNA_P
ClientSampleId :
AU-06-112219

Tgt Ion:244 Resp: 2240283

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	11.6	8.2	12.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BP001115.D
Acq: 28 Nov 2019 08:47

Tgt Ion:264 Resp: 507794

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	21.7	16.9	25.3