Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001106.D
Acq On : 28 Nov 2019 04:05
Operator : JU
Sample : K5959-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : WS-112019-2-5-COMP-B3

Quant Time: Nov 28 06:53:37 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	168663	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	637168	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	360068	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	680611	20.00	ng	0.00
76) Chrysene-d12	19.26	240	528586	20.00	ng	-0.01
87) Perylene-d12	21.05	264	558613	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	946784	93.13	ng	0.00
7) Phenol-d6	7.77	99	1319217	97.40	ng	0.00
23) Nitrobenzene-d5	9.20	82	864222	58.85	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	305471	88.51	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1465146	59.55	ng	0.00
79) Terphenyl-d14	17.91	244	1676753	58.69	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.62	77	238	Below Cal	#	43
19) n-Nitroso-di-n-propylamine	9.20	70	118128	12.087	ng	# 80
50) Dimethylphthalate	12.81	163	253324	9.407	ng	100
54) 2,4-Dinitrophenol	13.29	184	17	7.116	ng	87

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

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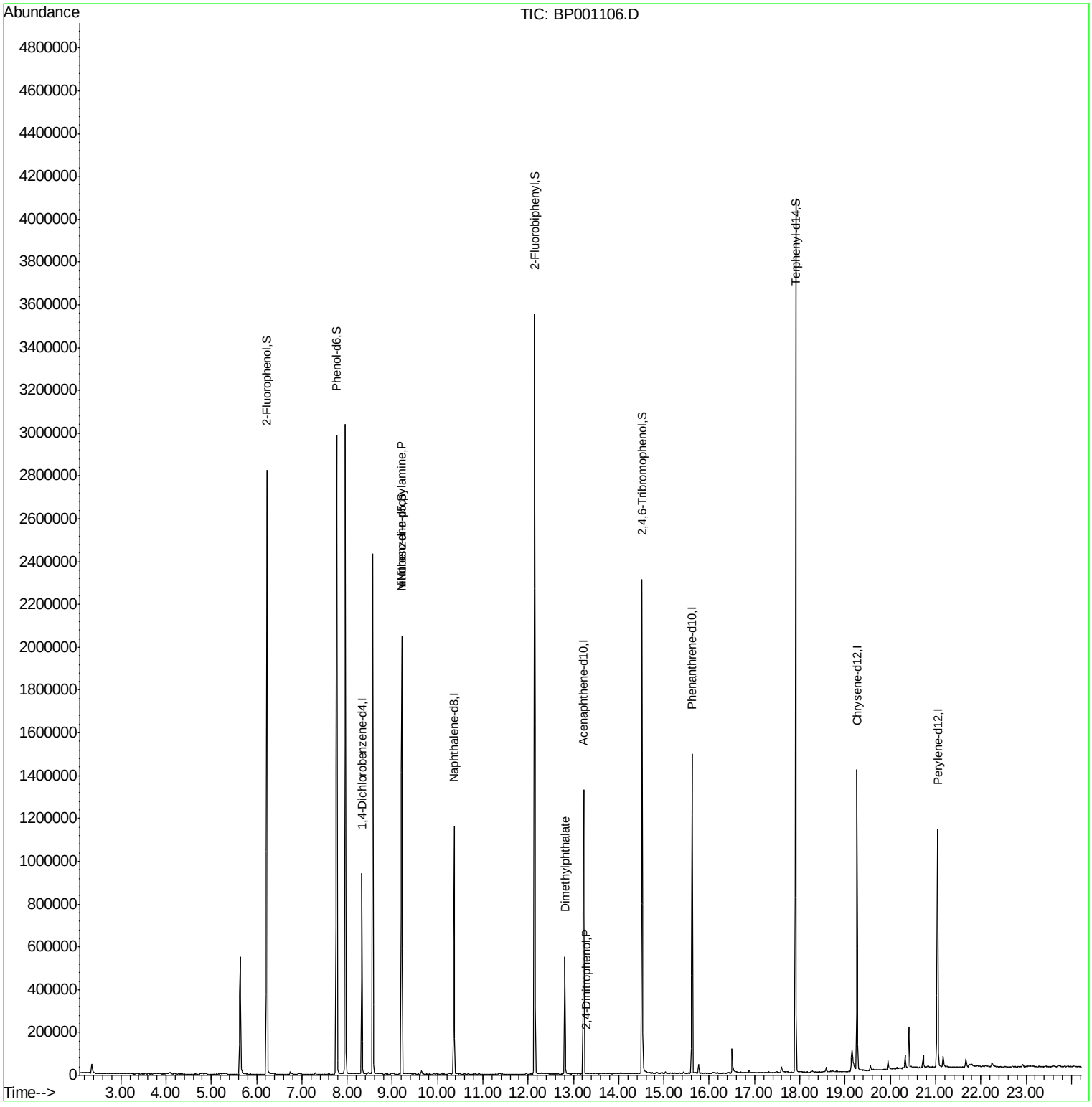
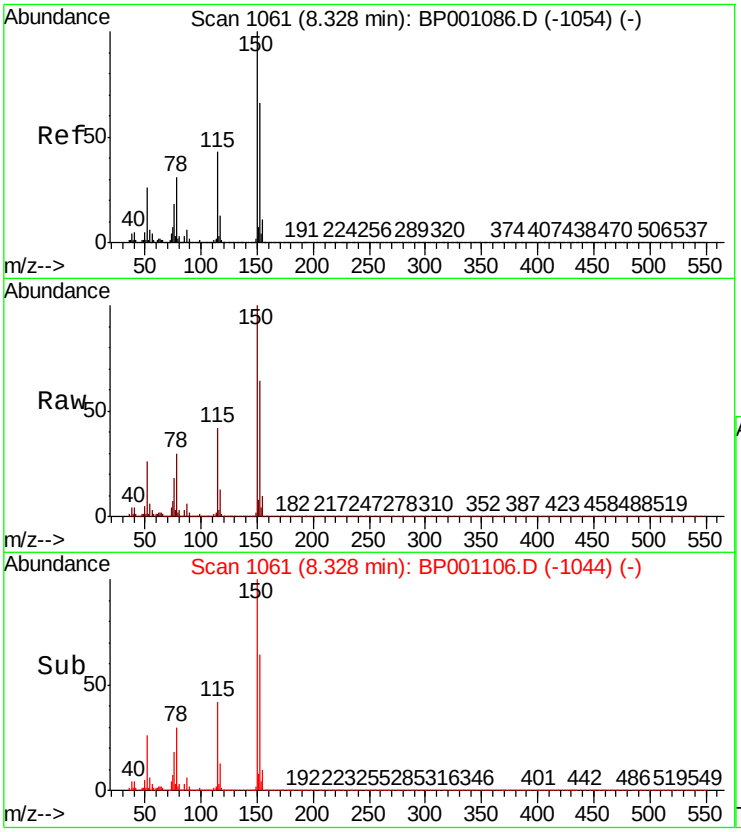


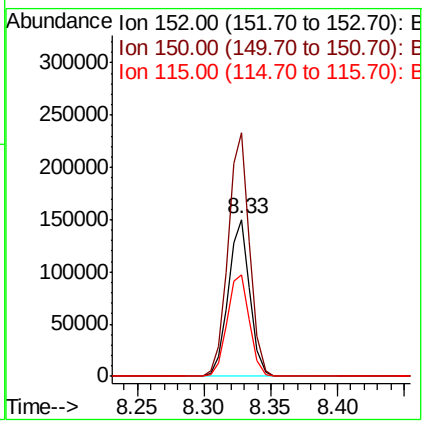


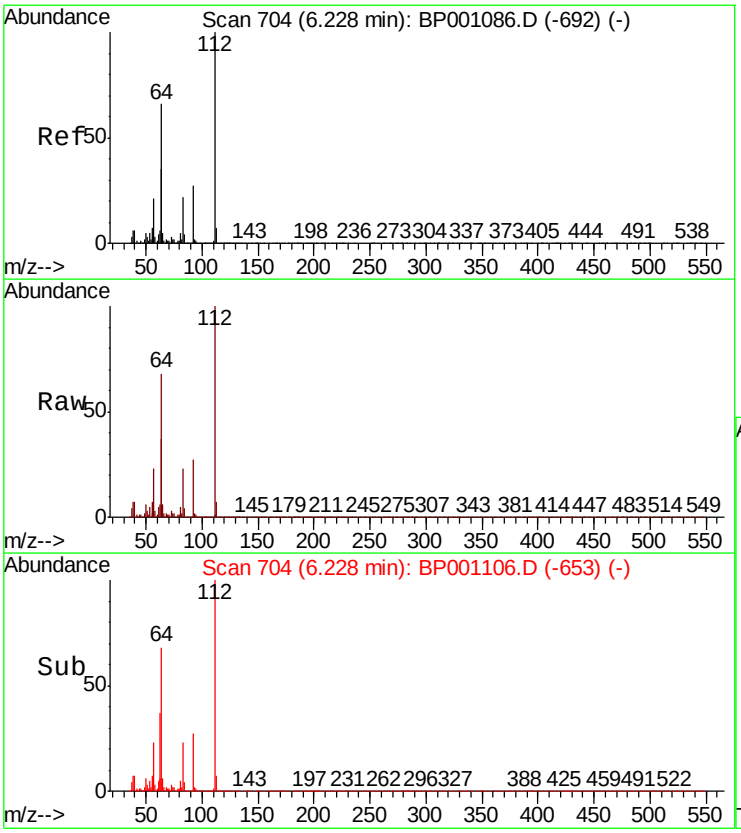
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BP001106.D
Acq: 28 Nov 2019 04:05

Instrument :
BNA_P
ClientSampleId :
WS-112019-2-5-COMP-B3

Tgt Ion:152 Resp: 168663

Ion	Ratio	Lower	Upper
152	100		
150	155.2	120.6	181.0
115	65.0	51.6	77.4

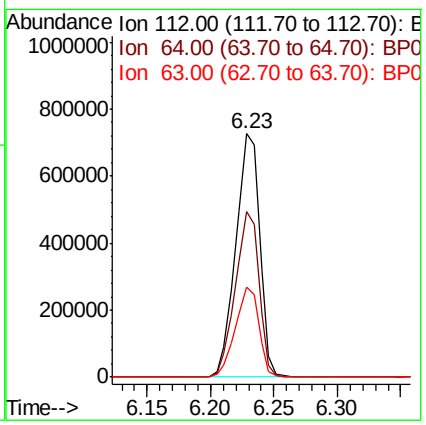


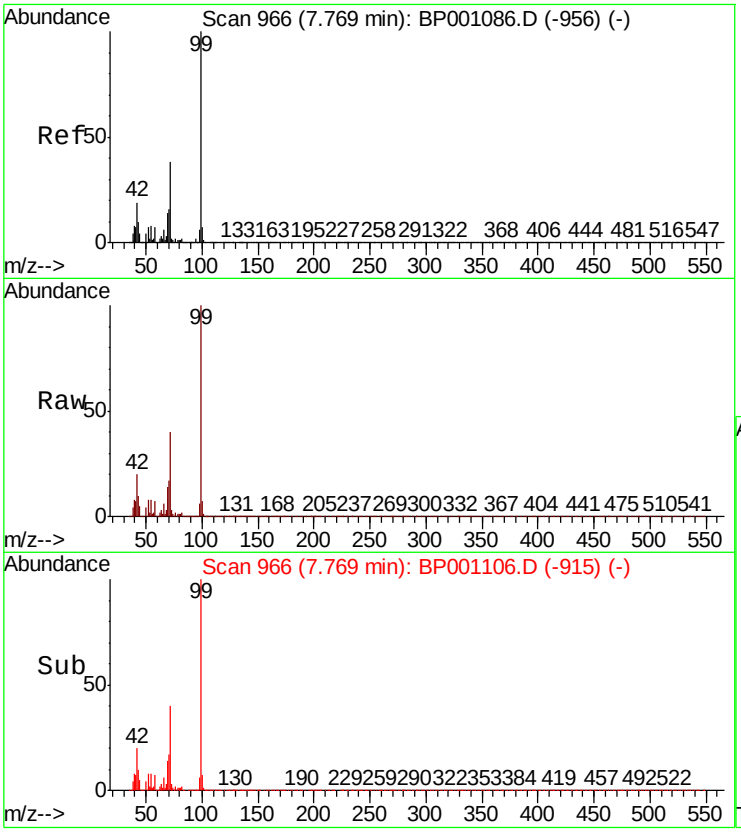


#5
2-Fluorophenol
Concen: 93.132 ng
RT: 6.23 min Scan# 704
Delta R.T. 0.00 min
Lab File: BP001106.D
Acq: 28 Nov 2019 04:05

Tgt Ion:112 Resp: 946784

Ion	Ratio	Lower	Upper
112	100		
64	68.0	52.8	79.2
63	36.9	28.2	42.2



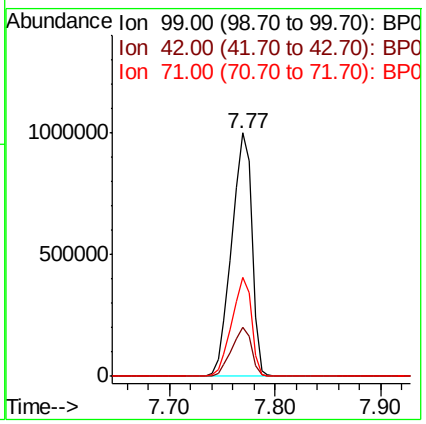


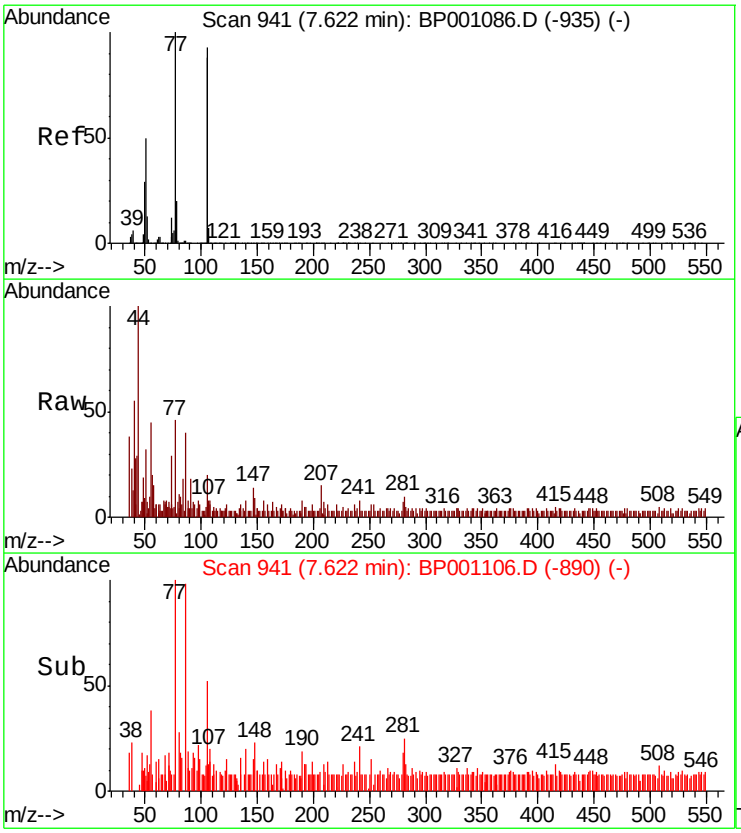
#7
Phenol-d6
Concen: 97.405 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BP001106.D
Acq: 28 Nov 2019 04:05

Instrument :
BNA_P
ClientSampleId :
WS-112019-2-5-COMP-B3

Tgt Ion: 99 Resp: 1319217

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.4	23.0
71	40.4	30.8	46.2

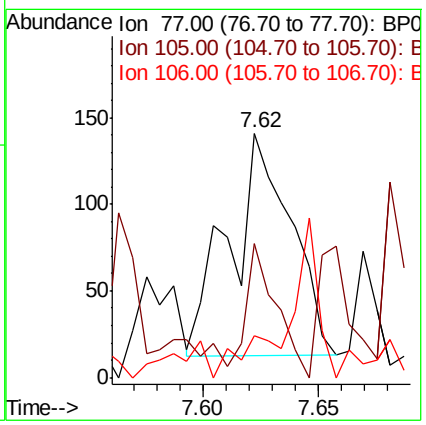


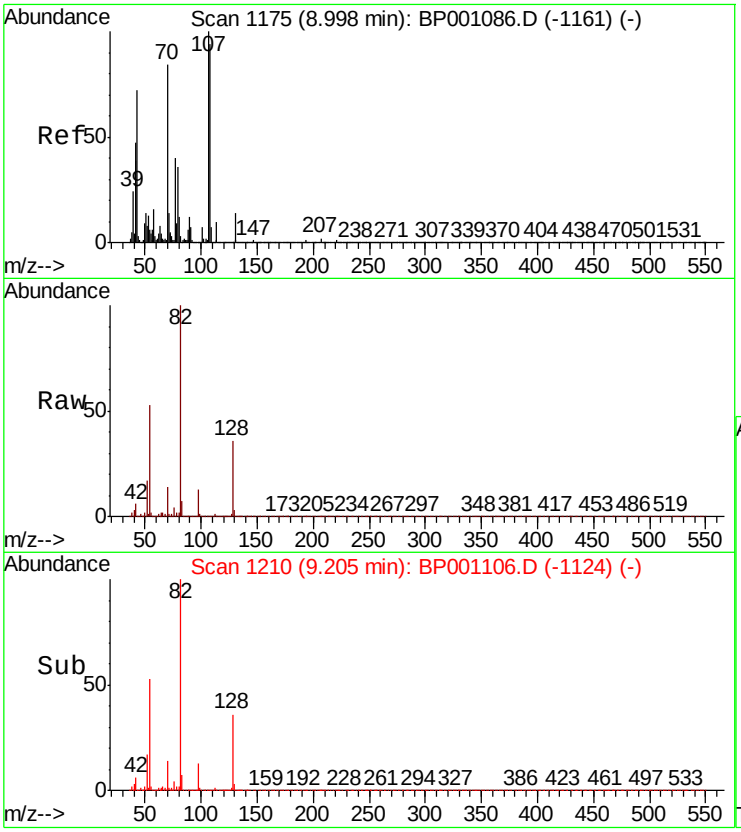


#9
Benzaldehyde
Concen: Below Cal
RT: 7.62 min Scan# 941
Delta R.T. 0.00 min
Lab File: BP001106.D
Acq: 28 Nov 2019 04:05

Tgt Ion: 77 Resp: 238

Ion	Ratio	Lower	Upper
77	100		
105	54.6	72.5	112.5#
106	17.0	67.6	107.6#



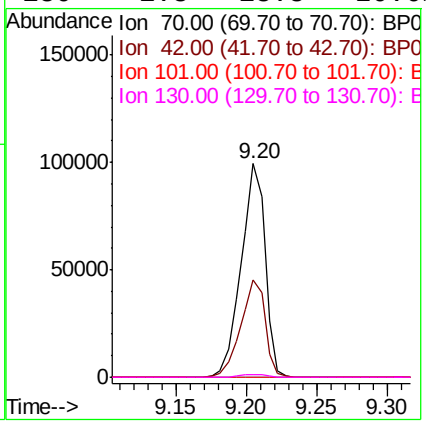


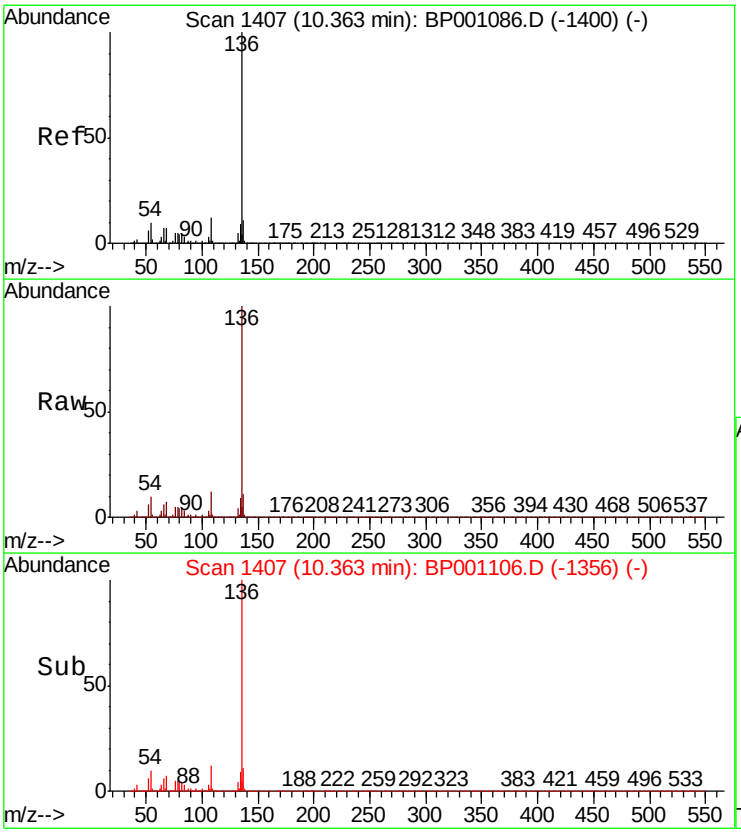
#19
n-Nitroso-di-n-propylamine
Concen: 12.087 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.21 min
Lab File: BP001106.D
Acq: 28 Nov 2019 04:05

Instrument :
BNA_P
ClientSampleId :
WS-112019-2-5-COMP-B3

Tgt Ion: 70 Resp: 118128

Ion	Ratio	Lower	Upper
70	100		
42	45.8	44.6	66.8
101	0.0	7.1	10.7#
130	1.3	13.8	20.6#

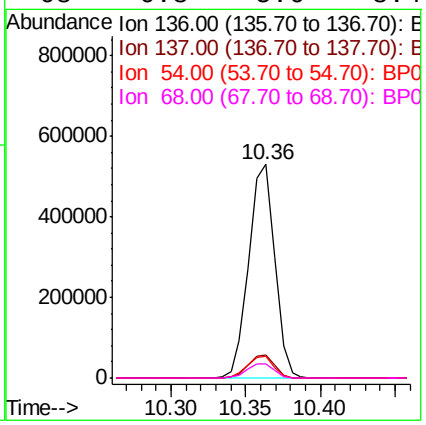


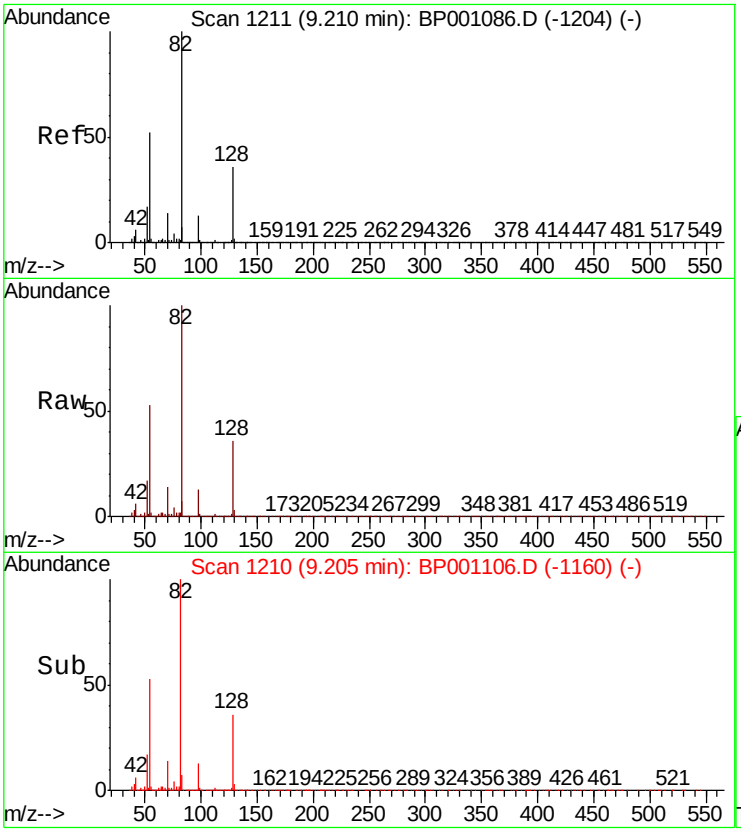


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001106.D
Acq: 28 Nov 2019 04:05

Tgt Ion:136 Resp: 637168

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.0	7.9	11.9
68	6.8	5.6	8.4



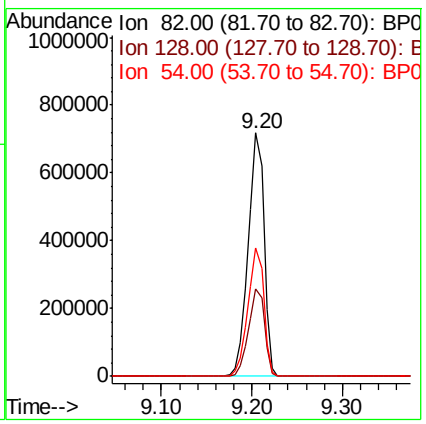


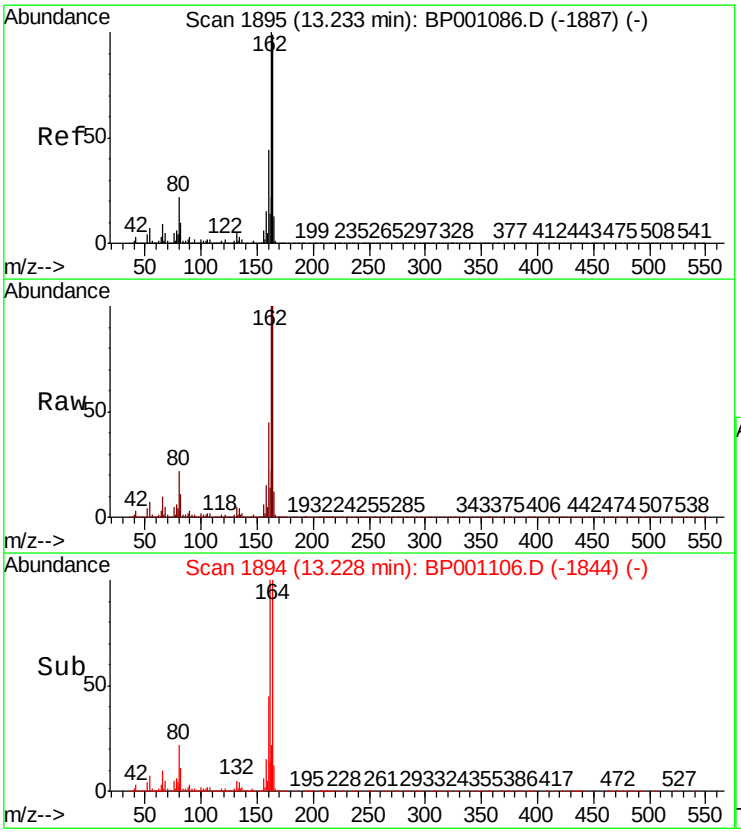
#23
Nitrobenzene-d5
Concen: 58.846 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BP001106.D
Acq: 28 Nov 2019 04:05

Instrument :
BNA_P
ClientSampleId :
WS-112019-2-5-COMP-B3

Tgt Ion: 82 Resp: 864222

Ion	Ratio	Lower	Upper
82	100		
128	35.8	28.9	43.3
54	52.7	41.9	62.9

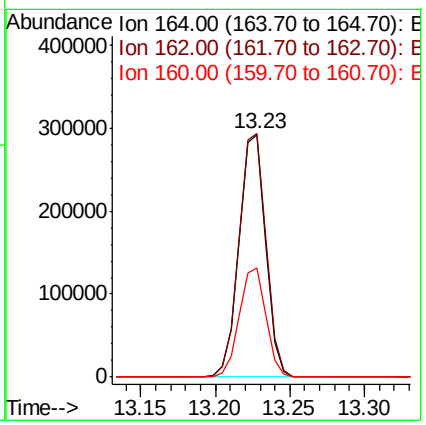


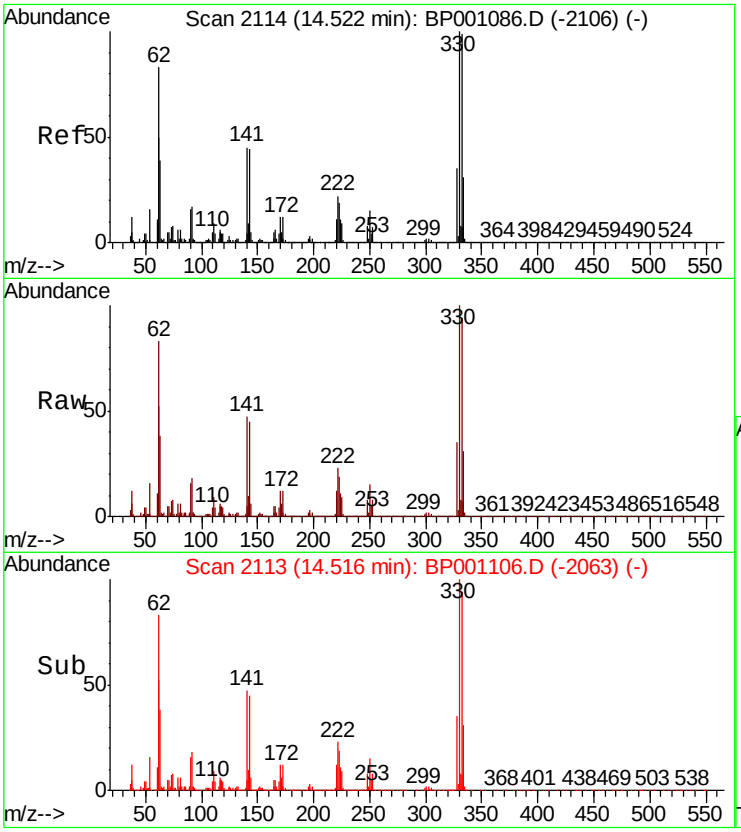


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BP001106.D
Acq: 28 Nov 2019 04:05

Tgt Ion:164 Resp: 360068

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.6	120.8
160	45.2	35.4	53.2



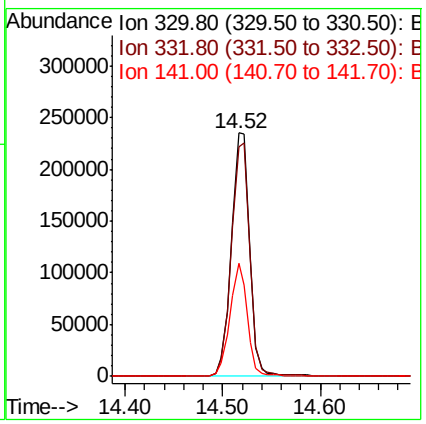


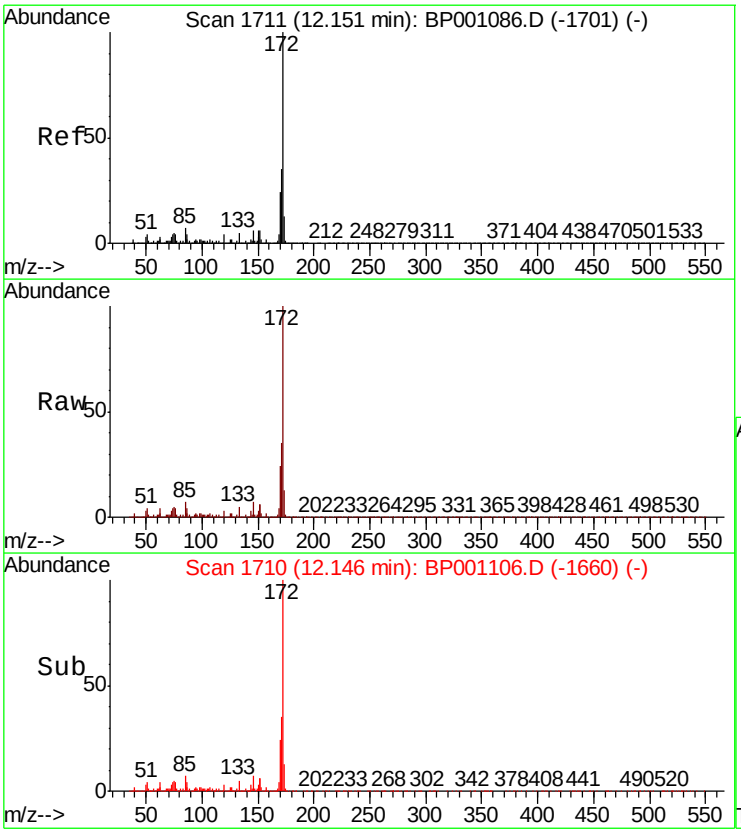
#42
2,4,6-Tribromophenol
Concen: 88.510 ng
RT: 14.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BP001106.D
Acq: 28 Nov 2019 04:05

Instrument :
BNA_P
ClientSampleId :
WS-112019-2-5-COMP-B3

Tgt Ion:330 Resp: 305471

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.6	116.4
141	43.8	34.2	51.2

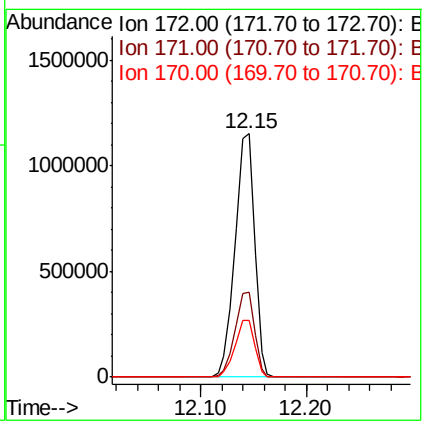


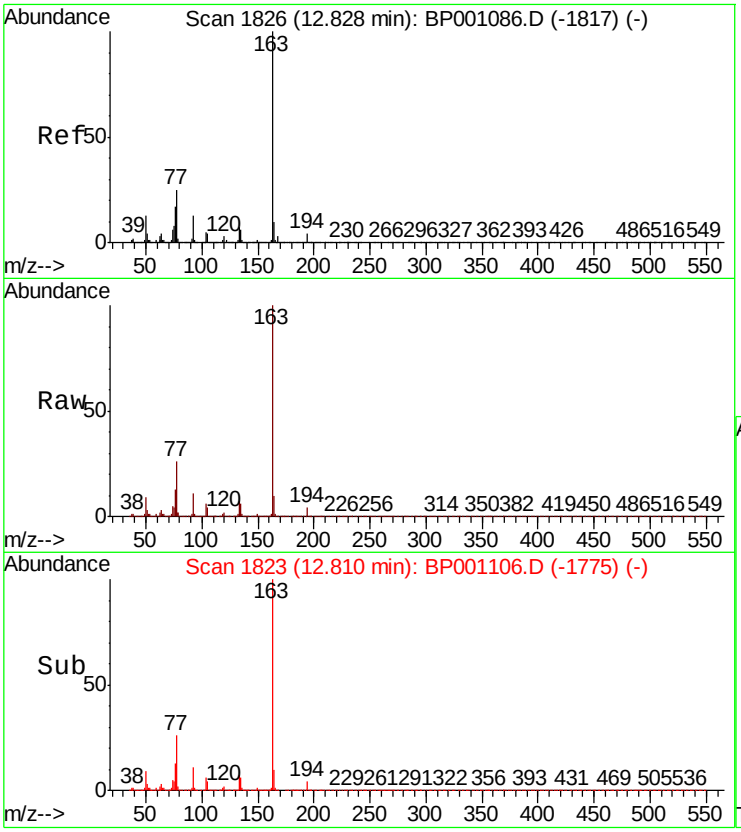


#45
2-Fluorobiphenyl
Concen: 59.554 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001106.D
Acq: 28 Nov 2019 04:05

Tgt Ion:172 Resp: 1465146

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.5	19.0	28.4



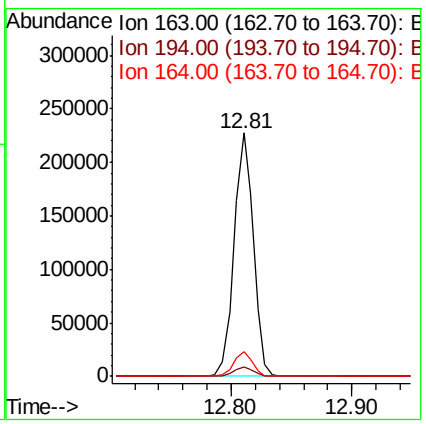


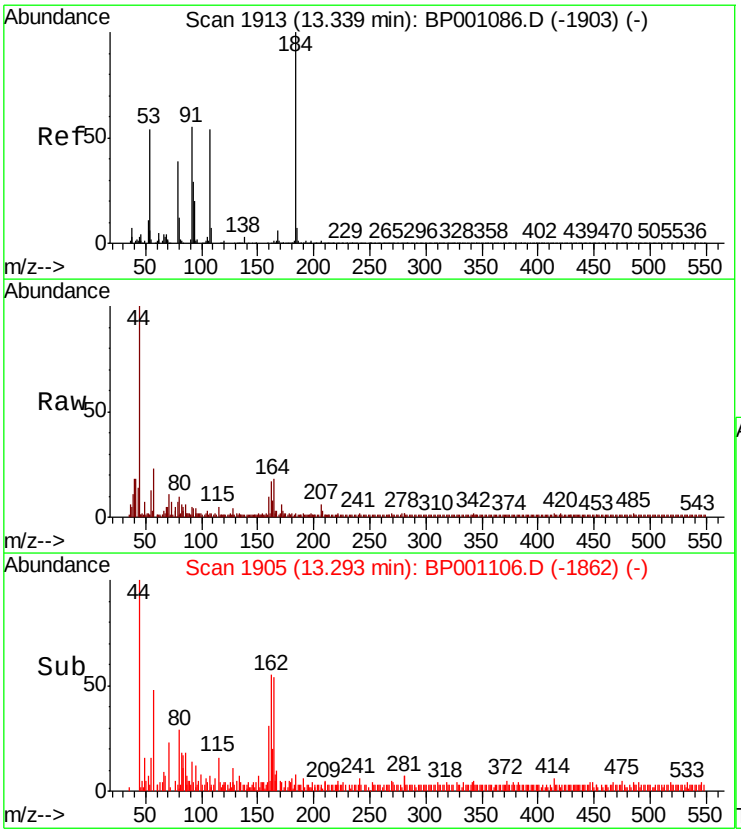
#50
Dimethylphthalate
Concen: 9.407 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BP001106.D
Acq: 28 Nov 2019 04:05

Instrument :
BNA_P
ClientSampleId :
WS-112019-2-5-COMP-B3

Tgt Ion:163 Resp: 253324

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.0	8.1	12.1

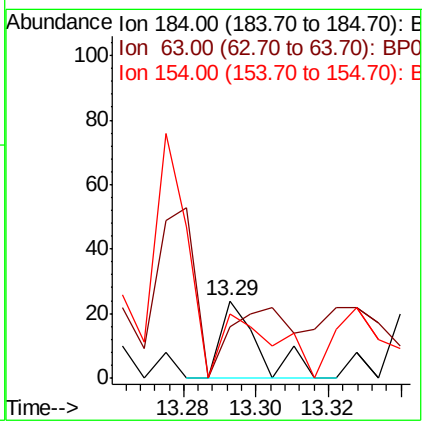


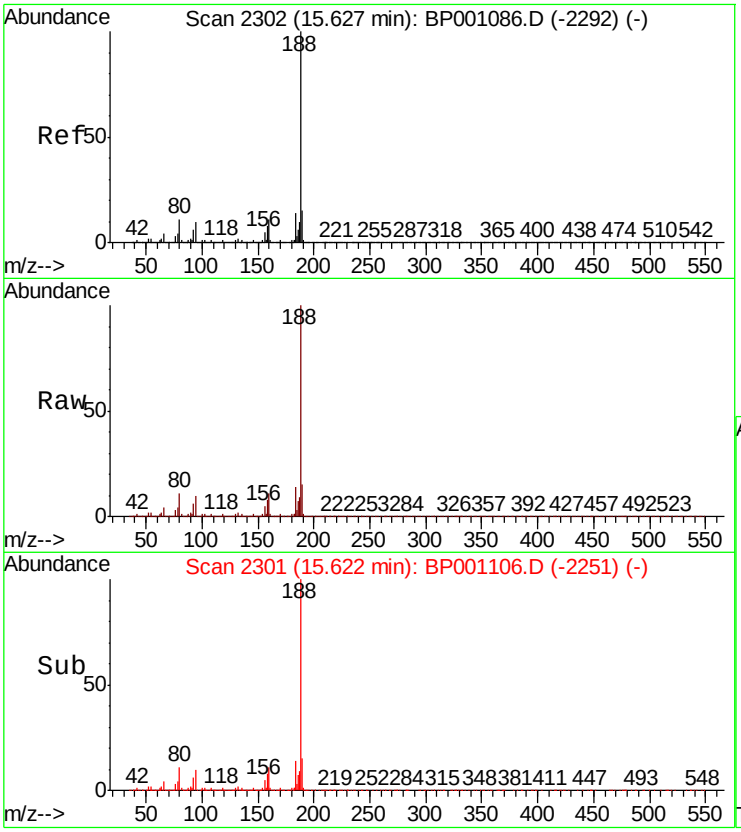


#54
2,4-Dinitrophenol
Concen: 7.116 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.05 min
Lab File: BP001106.D
Acq: 28 Nov 2019 04:05

Tgt Ion:184 Resp: 17

Ion	Ratio	Lower	Upper
184	100		
63	66.7	60.7	91.1
154	83.3	56.2	84.2



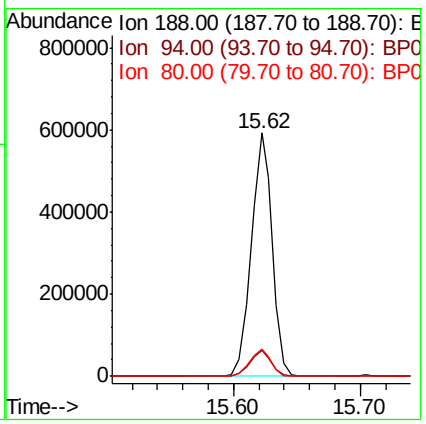


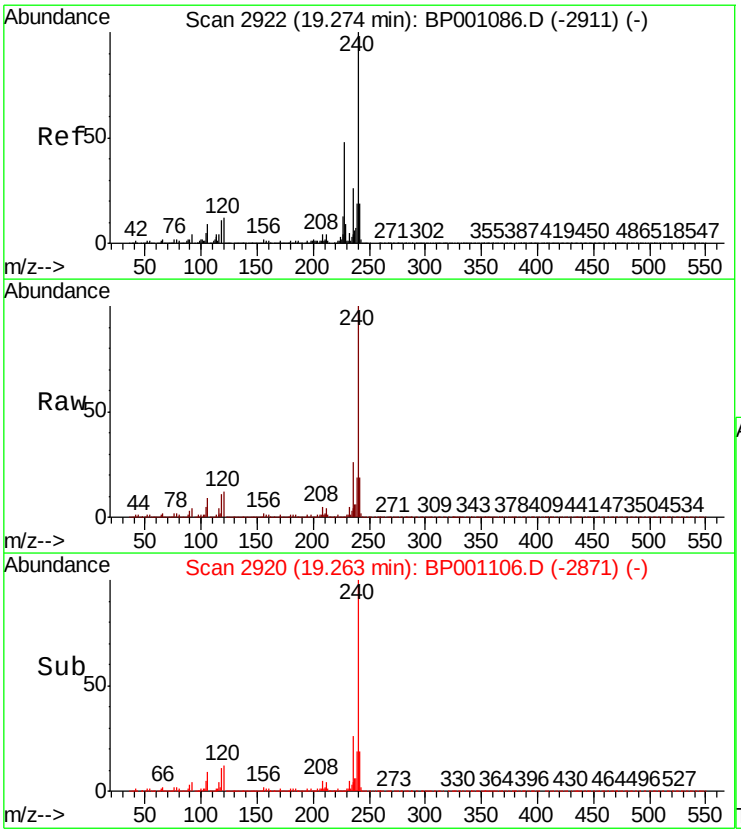
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP001106.D
Acq: 28 Nov 2019 04:05

Instrument :
BNA_P
ClientSampleId :
WS-112019-2-5-COMP-B3

Tgt Ion:188 Resp: 680611

Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.9	11.9
80	11.3	8.8	13.2

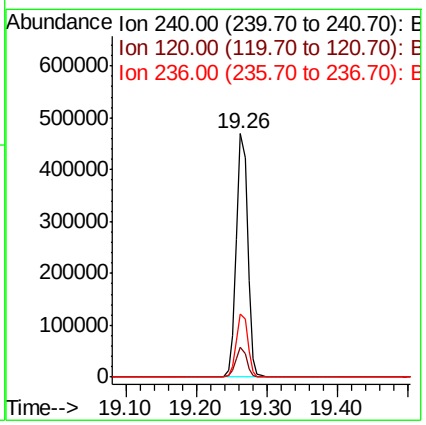


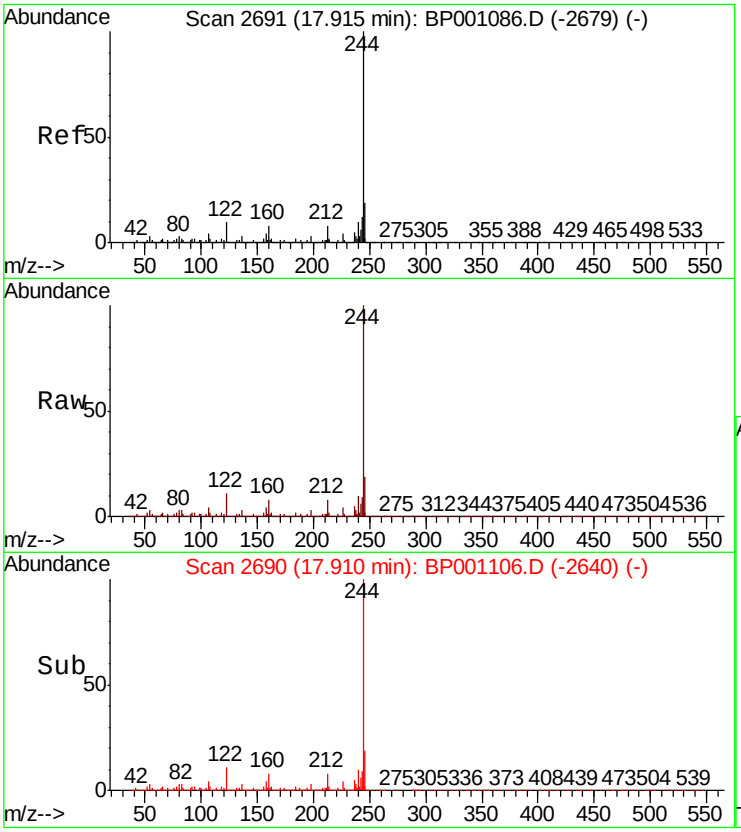


#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.26 min Scan# 2920
Delta R.T. -0.01 min
Lab File: BP001106.D
Acq: 28 Nov 2019 04:05

Tgt Ion:240 Resp: 528586

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	25.8	20.4	30.6



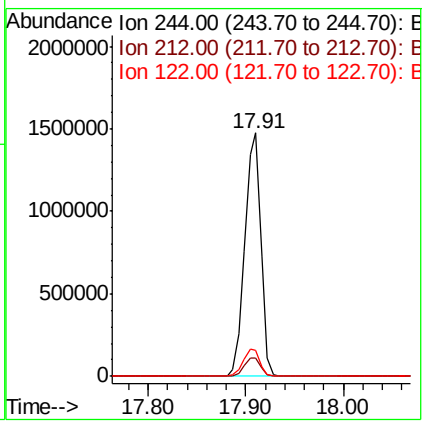


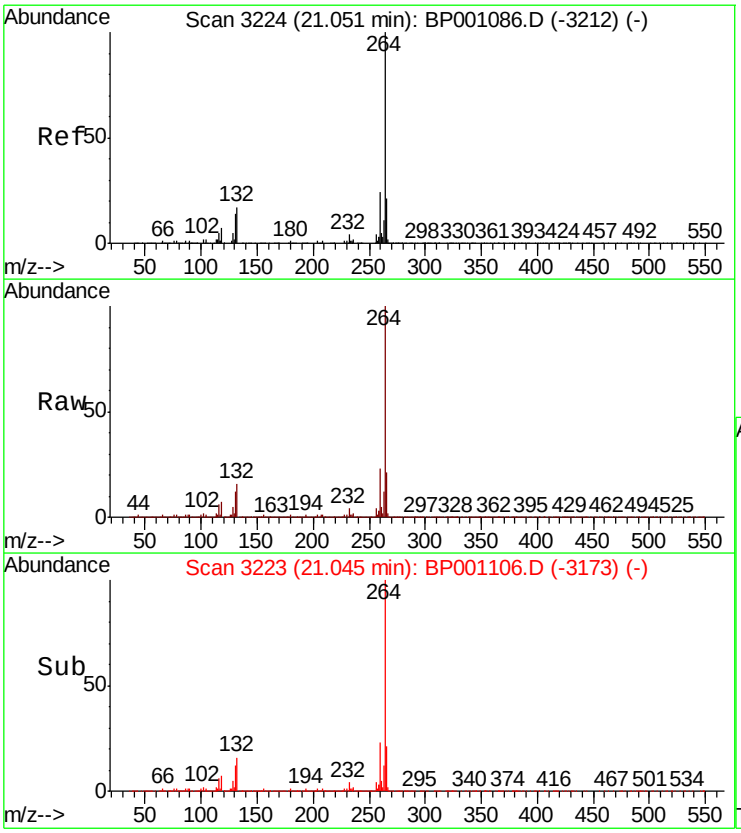
#79
Terphenyl-d14
Concen: 58.688 ng
RT: 17.91 min Scan# 2690
Delta R.T. -0.01 min
Lab File: BP001106.D
Acq: 28 Nov 2019 04:05

Instrument :
BNA_P
ClientSampleId :
WS-112019-2-5-COMP-B3

Tgt Ion:244 Resp: 1676753

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	10.6	8.2	12.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3223
Delta R.T. -0.01 min
Lab File: BP001106.D
Acq: 28 Nov 2019 04:05

Tgt Ion:264 Resp: 558613

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	20.7	16.9	25.3