Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001131.D
Acq On : 02 Dec 2019 17:44
Operator : JU
Sample : K6022-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Dec 02 18:10:37 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	143537	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	535729	20.00	ng		0.00
39) Acenaphthene-d10	13.23	164	287058	20.00	ng		0.00
64) Phenanthrene-d10	15.62	188	537583	20.00	ng		0.00
76) Chrysene-d12	19.27	240	427982	20.00	ng		0.00
87) Perylene-d12	21.05	264	470486	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	854271	98.74	ng		0.00
7) Phenol-d6	7.77	99	1184613	102.78	ng		0.00
23) Nitrobenzene-d5	9.20	82	766569	62.08	ng		0.00
42) 2,4,6-Tribromophenol	14.52	330	255767	92.96	ng		0.00
45) 2-Fluorobiphenyl	12.15	172	1245133	63.48	ng		0.00
79) Terphenyl-d14	17.91	244	1423302	61.53	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.63	77	884	Below Cal		#	86
19) n-Nitroso-di-n-propylamine	9.20	70	104893	12.612	ng	#	81
50) Dimethylphthalate	12.81	163	187736	8.744	ng		100
54) 2,4-Dinitrophenol	13.33	184	15	7.116	ng	#	1
65) 4,6-Dinitro-2-methylphenol	14.29	198	30	6.288	ng	#	1
75) Fluoranthene	17.37	202	98688	3.298	ng		99
78) Pyrene	17.67	202	114969	3.411	ng		97
88) Benzo(b)fluoranthene	20.56	252	79369	2.762	ng	#	94
89) Benzo(k)fluoranthene	20.56	252	79369	2.868	ng	#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
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Acq On : 02 Dec 2019 17:44
Operator : JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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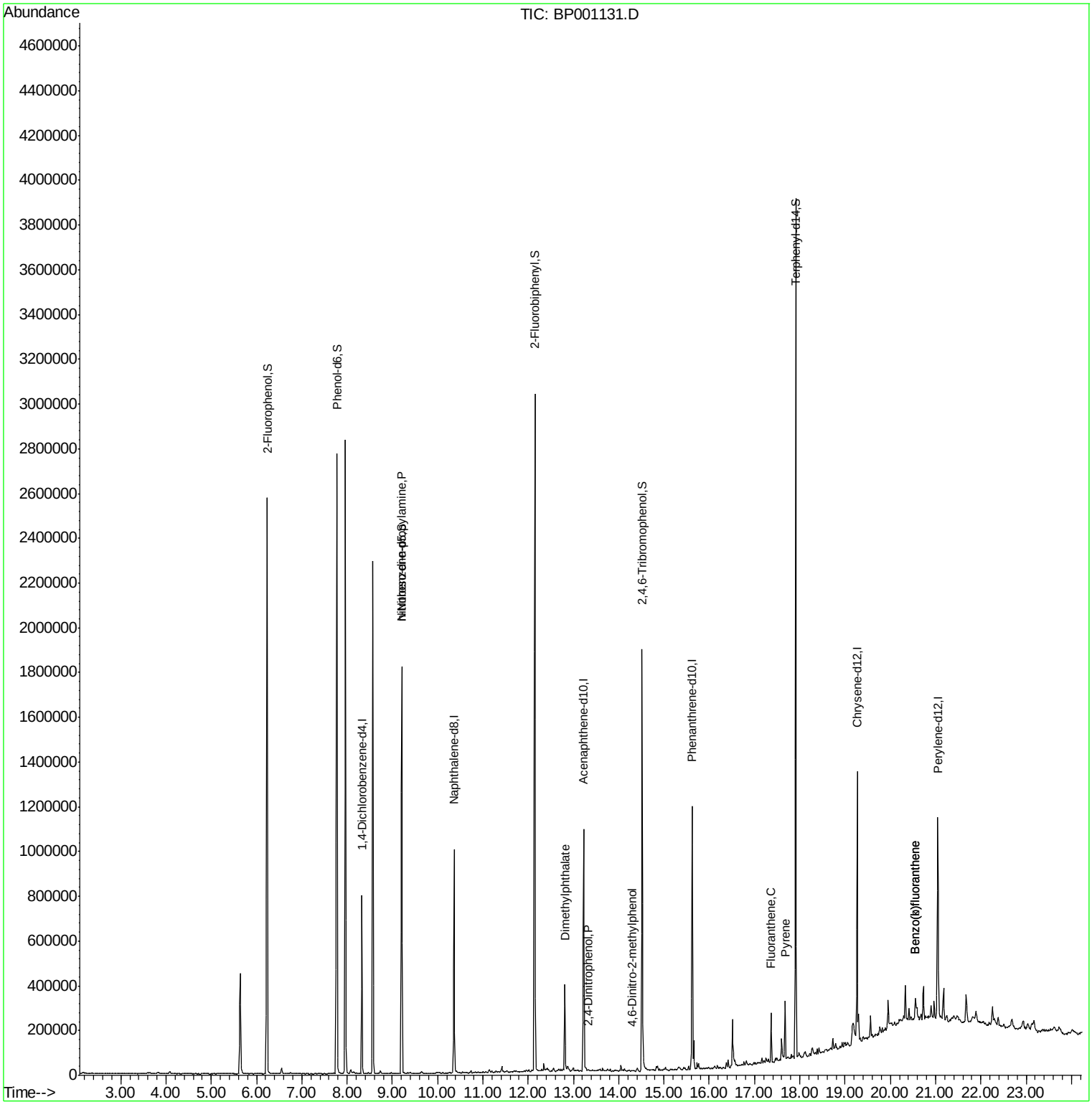
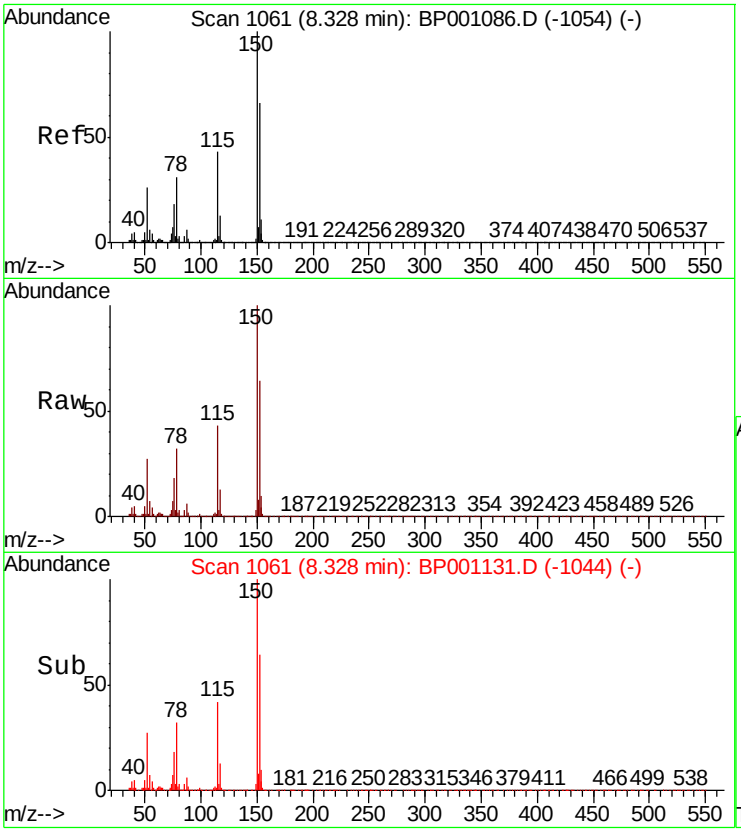


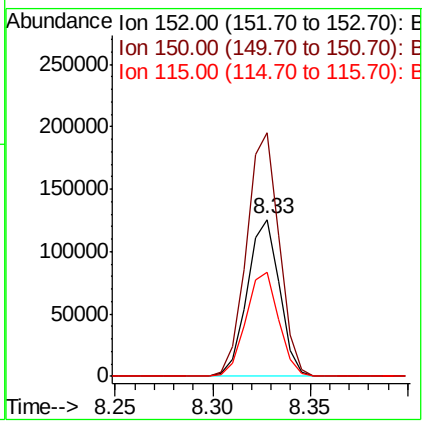


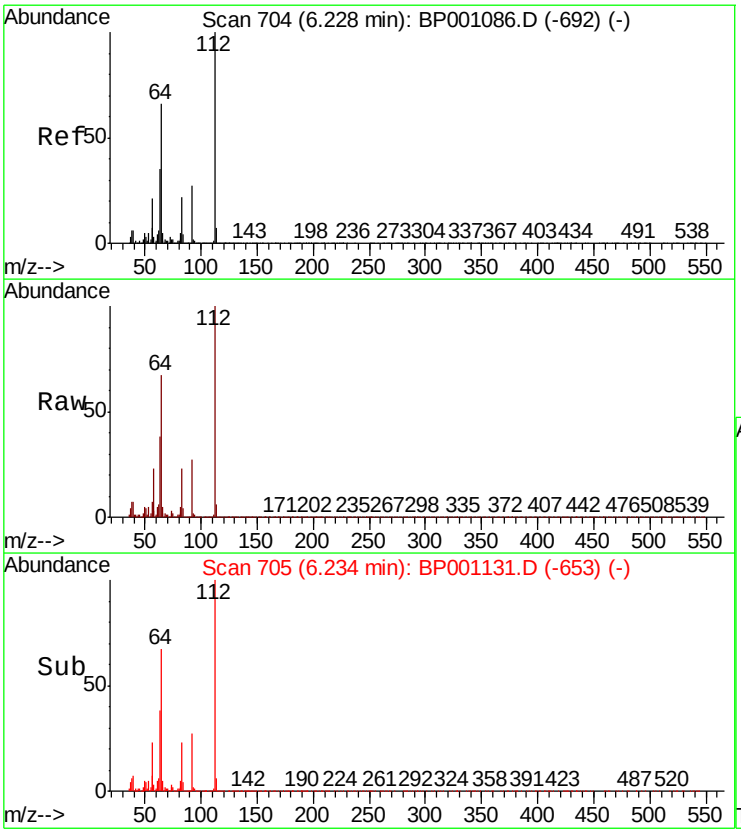
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BP001131.D
Acq: 02 Dec 2019 17:44

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 143537

Ion	Ratio	Lower	Upper
152	100		
150	155.5	120.6	181.0
115	66.1	51.6	77.4

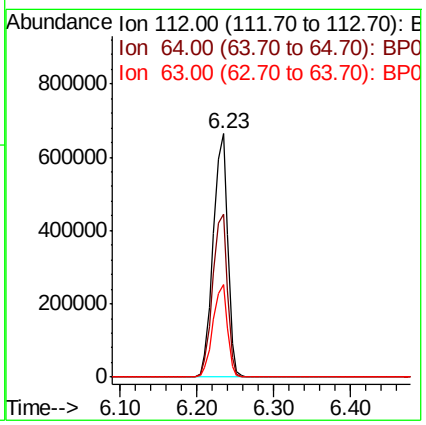


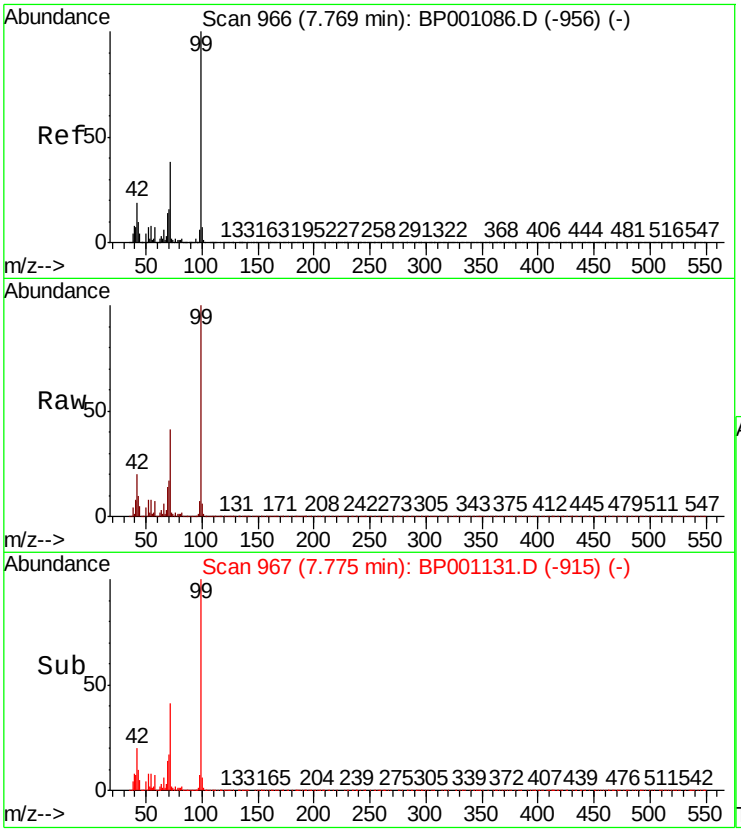


#5
2-Fluorophenol
Concen: 98.741 ng
RT: 6.23 min Scan# 705
Delta R.T. 0.01 min
Lab File: BP001131.D
Acq: 02 Dec 2019 17:44

Tgt Ion:112 Resp: 854271

Ion	Ratio	Lower	Upper
112	100		
64	66.7	52.8	79.2
63	38.2	28.2	42.2



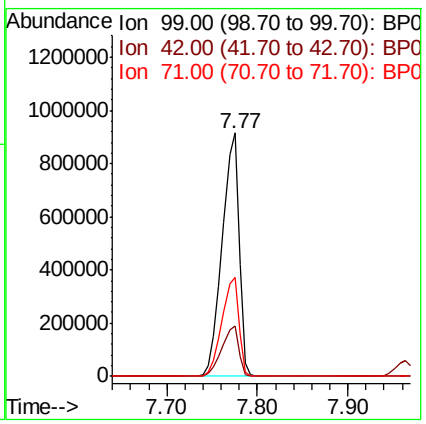


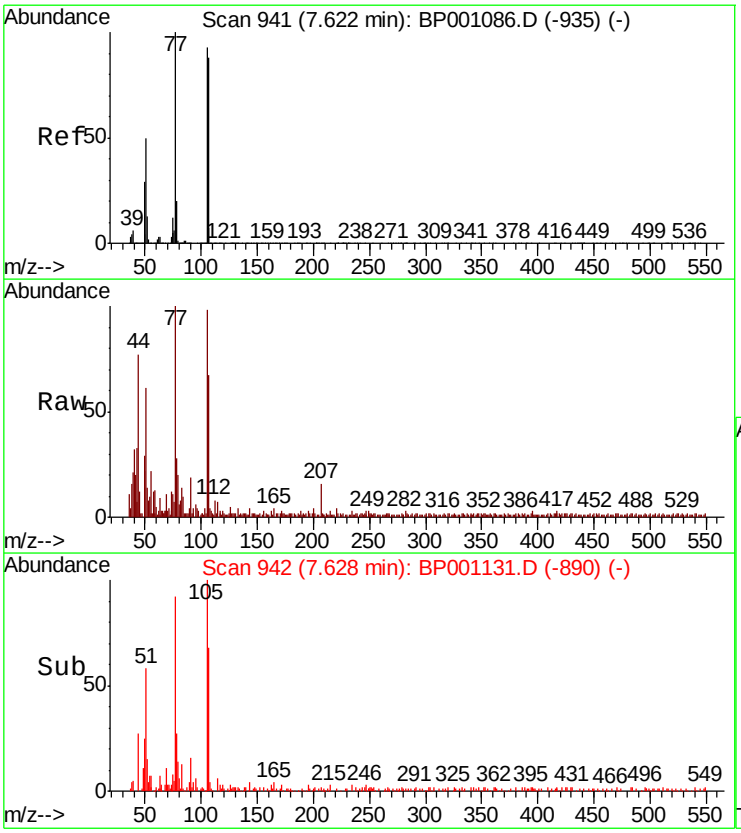
#7
Phenol-d6
Concen: 102.777 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.01 min
Lab File: BP001131.D
Acq: 02 Dec 2019 17:44

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1184613

Ion	Ratio	Lower	Upper
99	100		
42	20.5	15.4	23.0
71	40.6	30.8	46.2

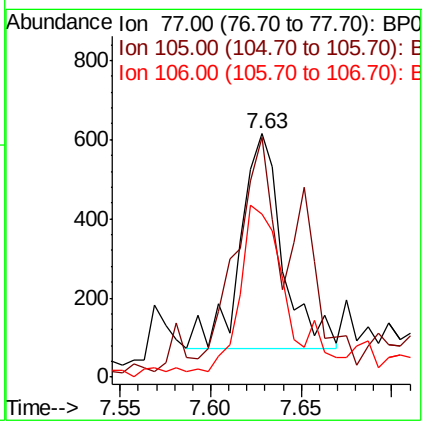


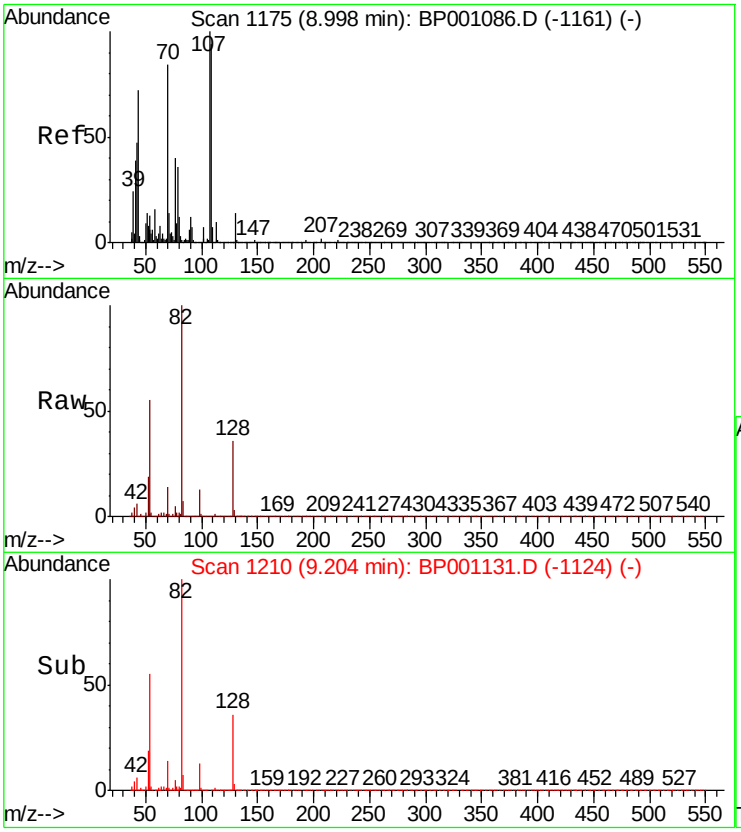


#9
Benzaldehyde
Concen: Below Cal
RT: 7.63 min Scan# 942
Delta R.T. 0.01 min
Lab File: BP001131.D
Acq: 02 Dec 2019 17:44

Tgt Ion: 77 Resp: 884

Ion	Ratio	Lower	Upper
77	100		
105	98.4	72.5	112.5
106	67.2	67.6	107.6#



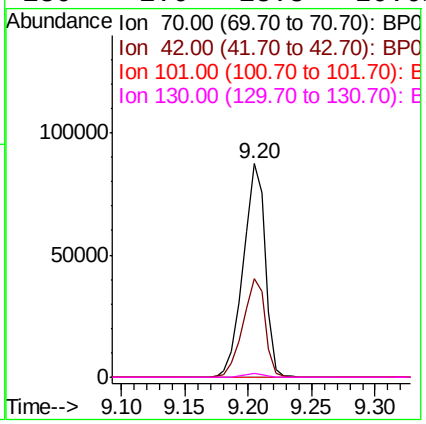


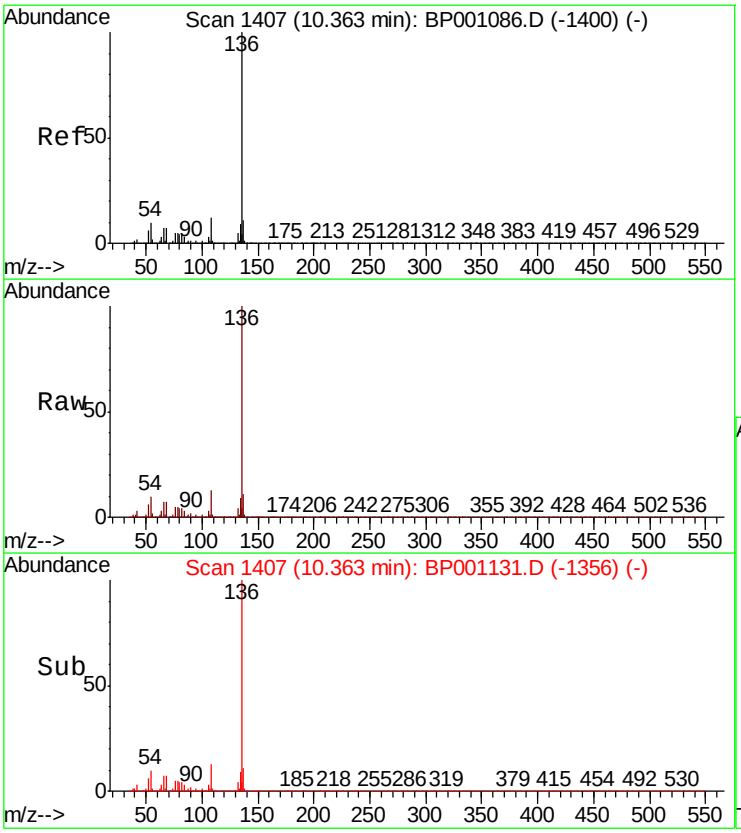
#19
n-Nitroso-di-n-propylamine
Concen: 12.612 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.21 min
Lab File: BP001131.D
Acq: 02 Dec 2019 17:44

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 104893

Ion	Ratio	Lower	Upper
70	100		
42	46.4	44.6	66.8
101	0.0	7.1	10.7#
130	1.6	13.8	20.6#

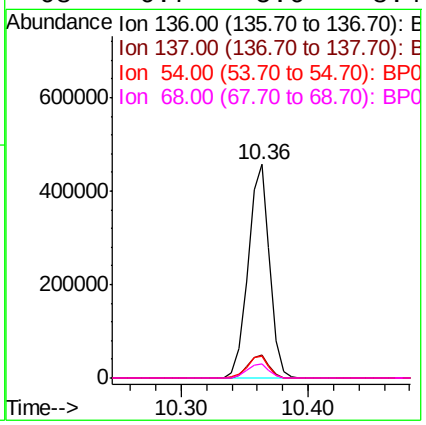


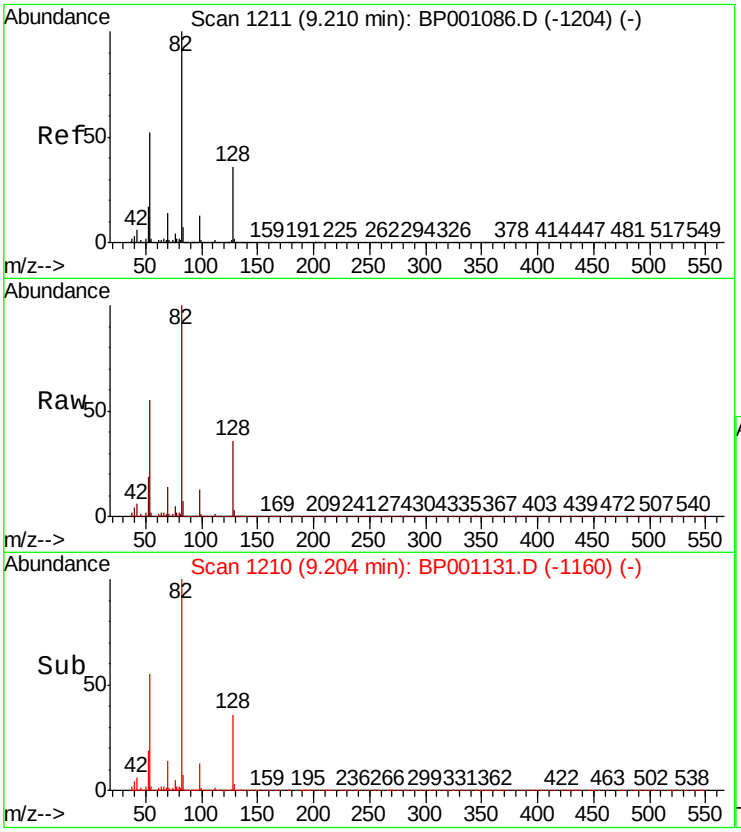


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001131.D
Acq: 02 Dec 2019 17:44

Tgt Ion:136 Resp: 535729

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.9	7.9	11.9
68	6.7	5.6	8.4

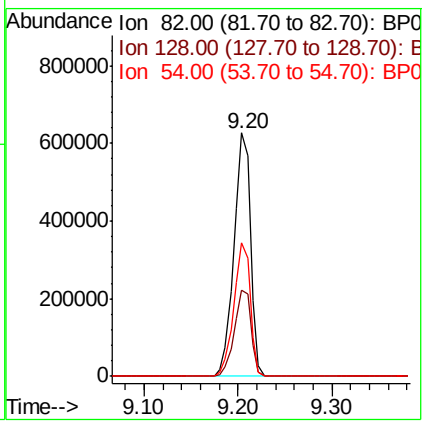




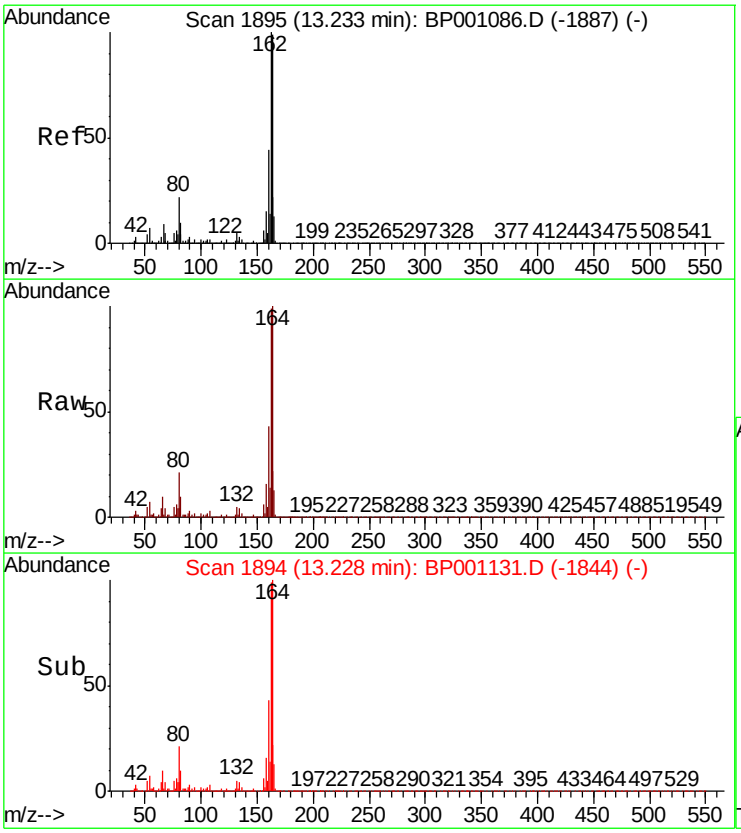
#23
Nitrobenzene-d5
Concen: 62.080 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BP001131.D
Acq: 02 Dec 2019 17:44

Tgt Ion: 82 Resp: 766569

Ion	Ratio	Lower	Upper
82	100		
128	35.5	28.9	43.3
54	54.9	41.9	62.9



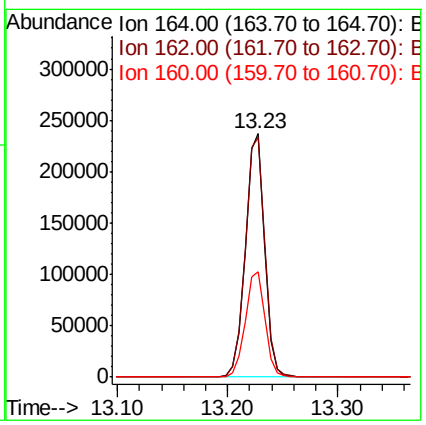
Instrument :
BNA_P
ClientSampleId :

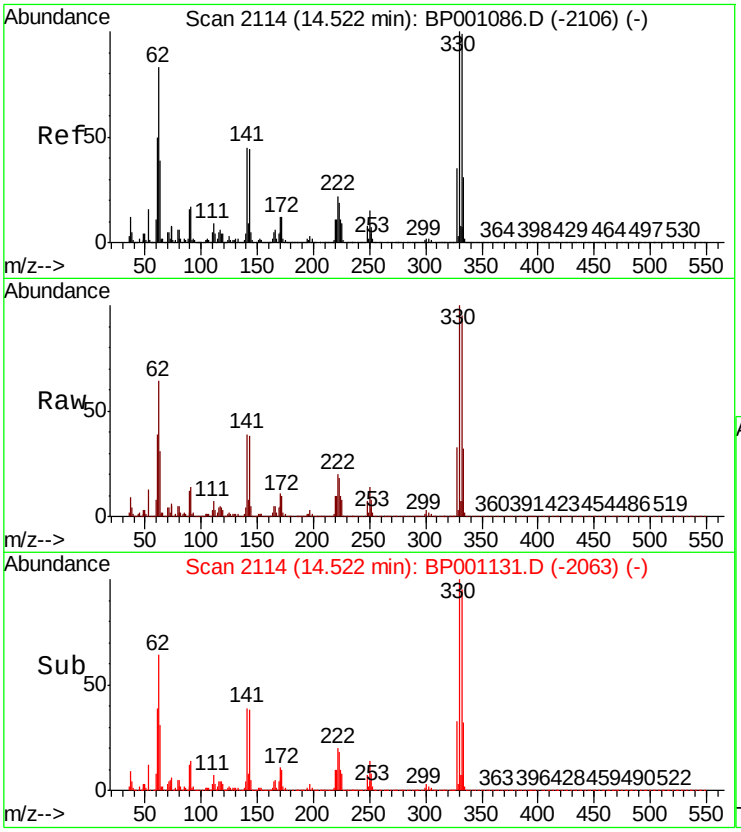


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BP001131.D
Acq: 02 Dec 2019 17:44

Tgt Ion:164 Resp: 287058

Ion	Ratio	Lower	Upper
164	100		
162	98.6	80.6	120.8
160	43.4	35.4	53.2



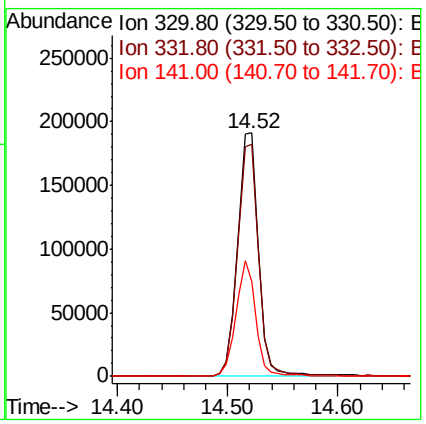


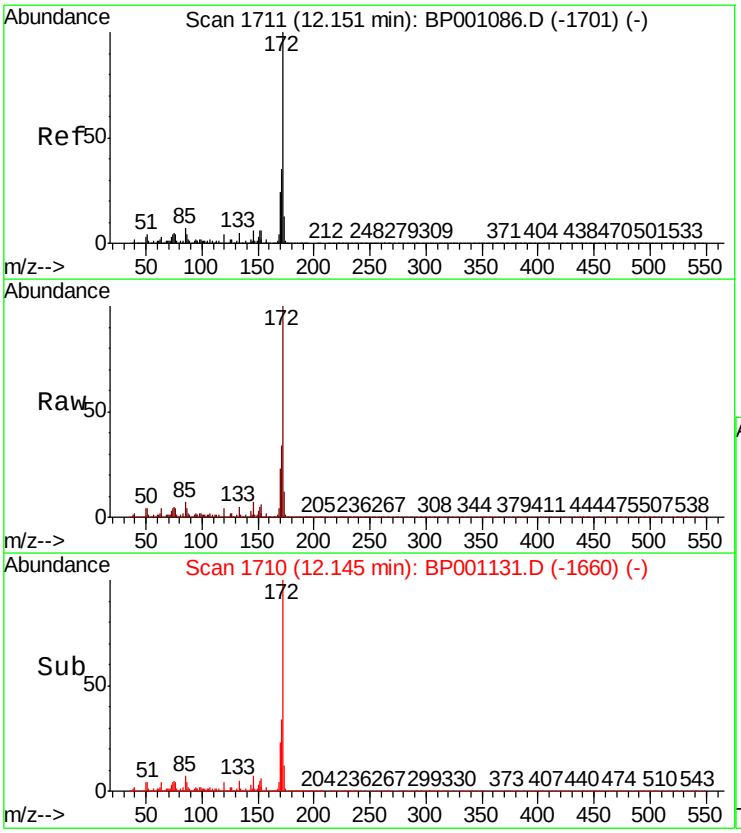
#42
2,4,6-Tribromophenol
Concen: 92.957 ng
RT: 14.52 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP001131.D
Acq: 02 Dec 2019 17:44

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 255767

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.6	116.4
141	44.4	34.2	51.2

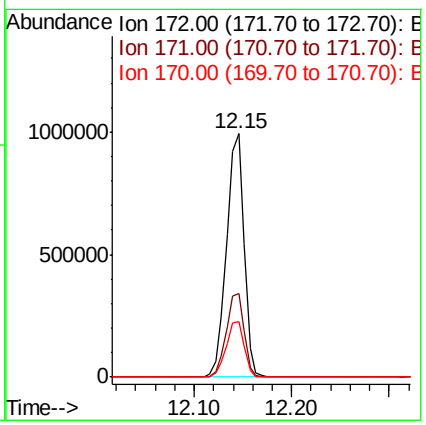


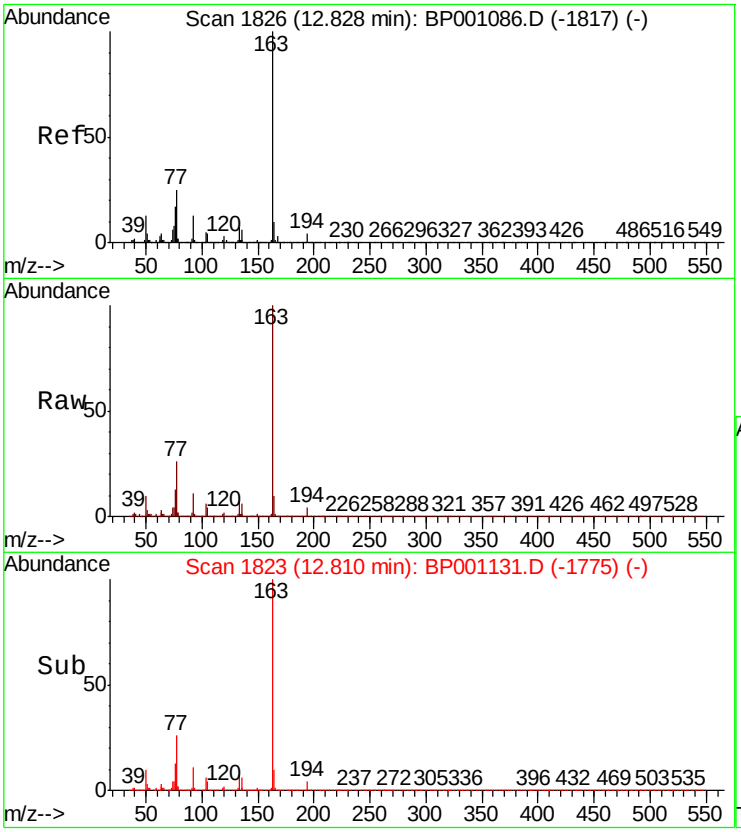


#45
2-Fluorobiphenyl
Concen: 63.483 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001131.D
Acq: 02 Dec 2019 17:44

Tgt Ion:172 Resp: 1245133

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.9	41.9
170	23.0	19.0	28.4



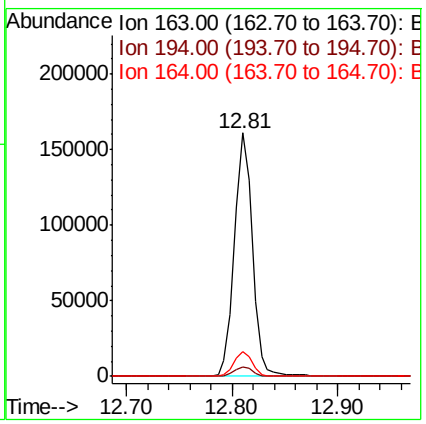


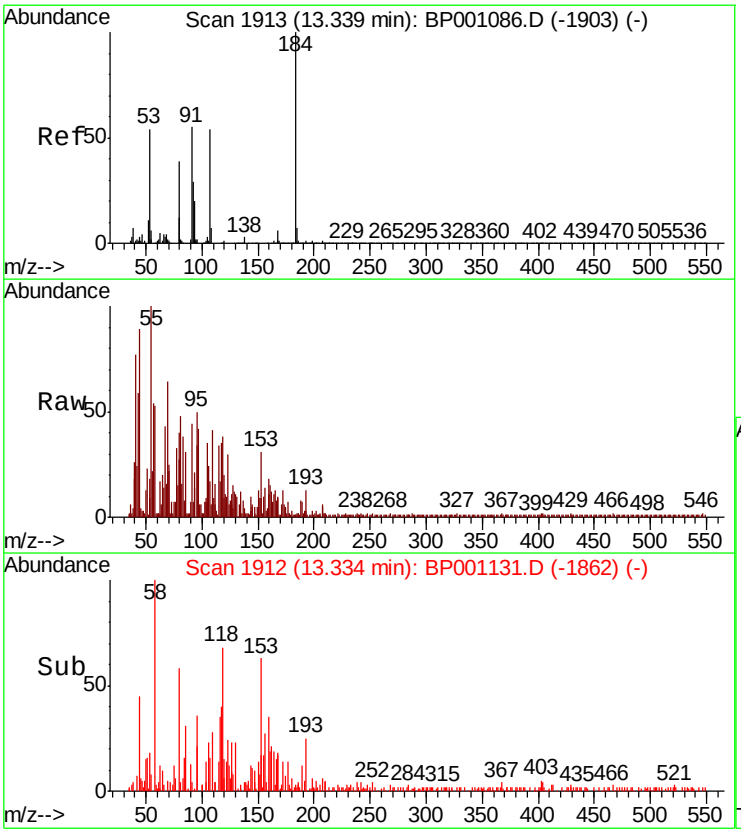
#50
Dimethylphthalate
Concen: 8.744 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BP001131.D
Acq: 02 Dec 2019 17:44

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 187736

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.2	8.1	12.1

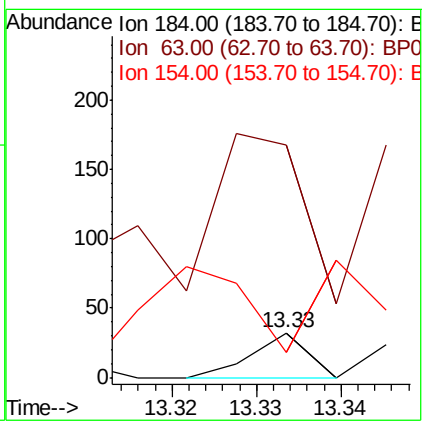


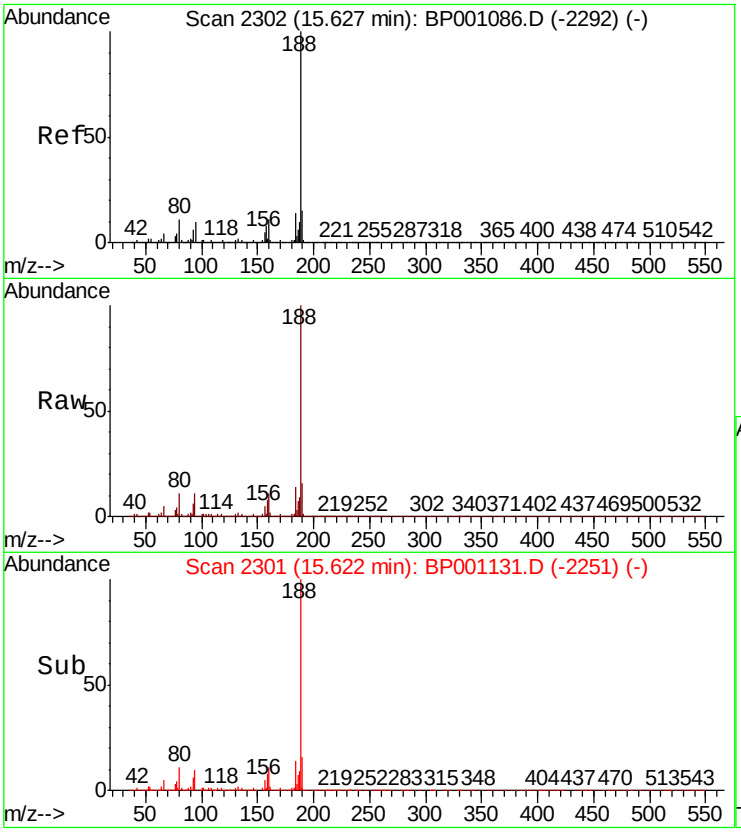


#54
2,4-Dinitrophenol
Concen: 7.116 ng
RT: 13.33 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BP001131.D
Acq: 02 Dec 2019 17:44

Tgt Ion:184 Resp: 15

Ion	Ratio	Lower	Upper
184	100		
63	525.0	60.7	91.1#
154	56.3	56.2	84.2



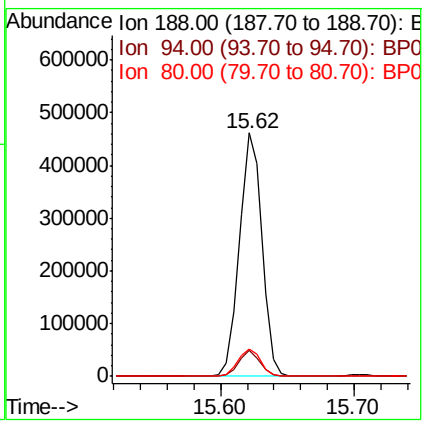


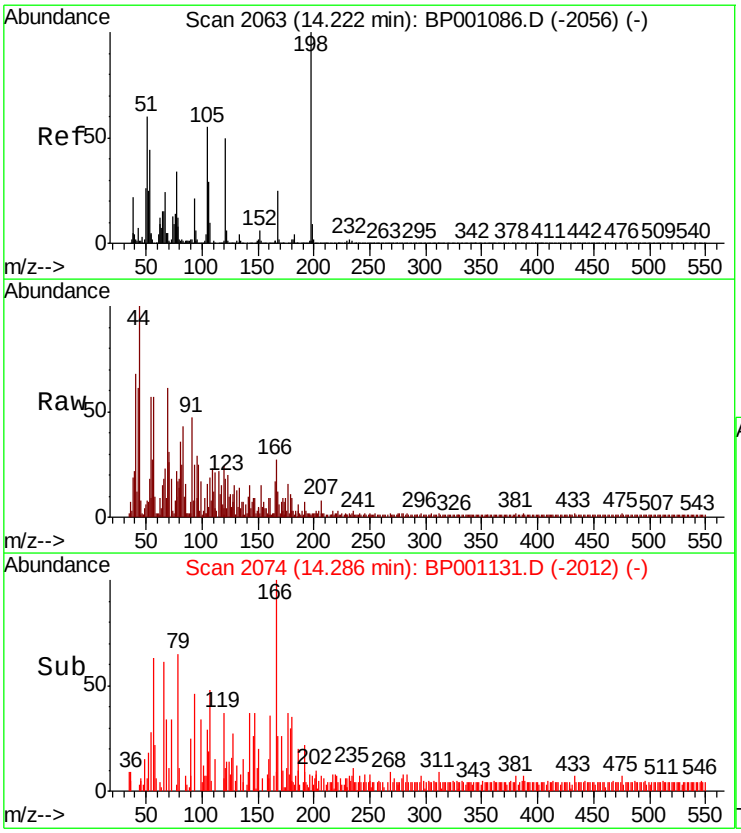
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP001131.D
Acq: 02 Dec 2019 17:44

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 537583

Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.9	11.9
80	11.2	8.8	13.2

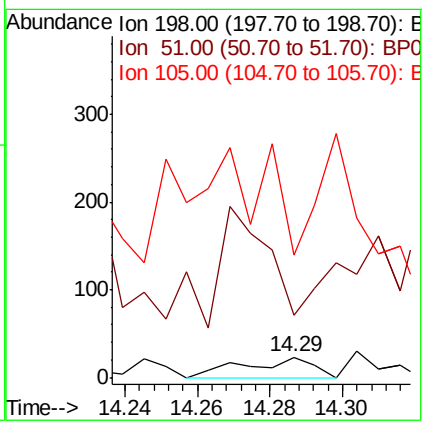


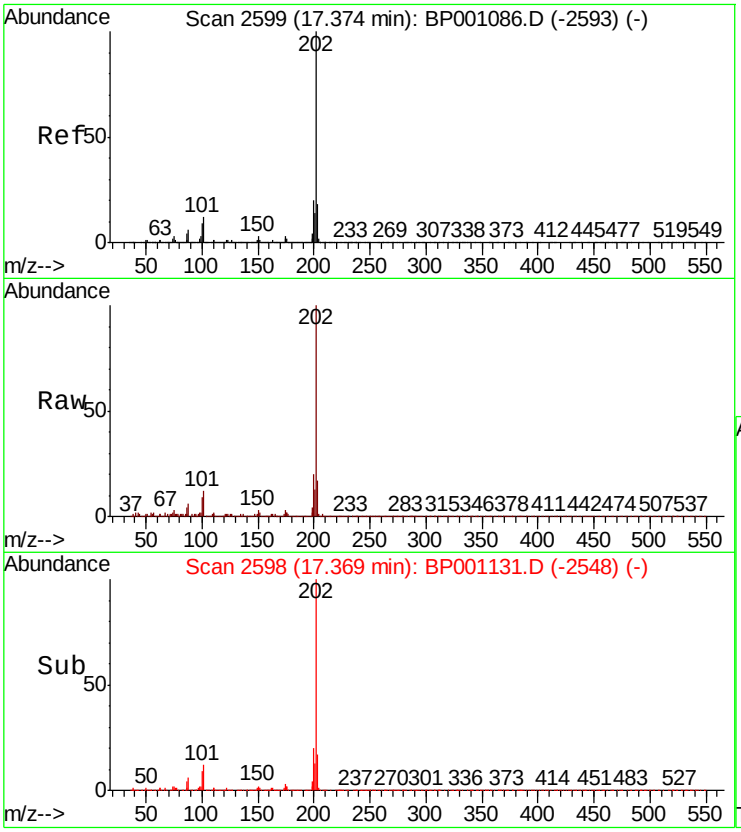


#65
4,6-Dinitro-2-methylphenol
Concen: 6.288 ng
RT: 14.29 min Scan# 2074
Delta R.T. 0.07 min
Lab File: BP001131.D
Acq: 02 Dec 2019 17:44

Tgt Ion:198 Resp: 30

Ion	Ratio	Lower	Upper
198	100		
51	308.7	40.5	80.5#
105	608.7	35.7	75.7#



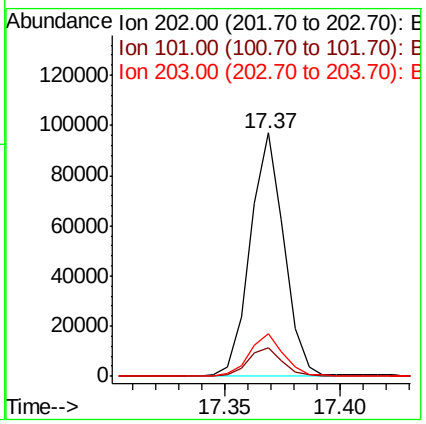


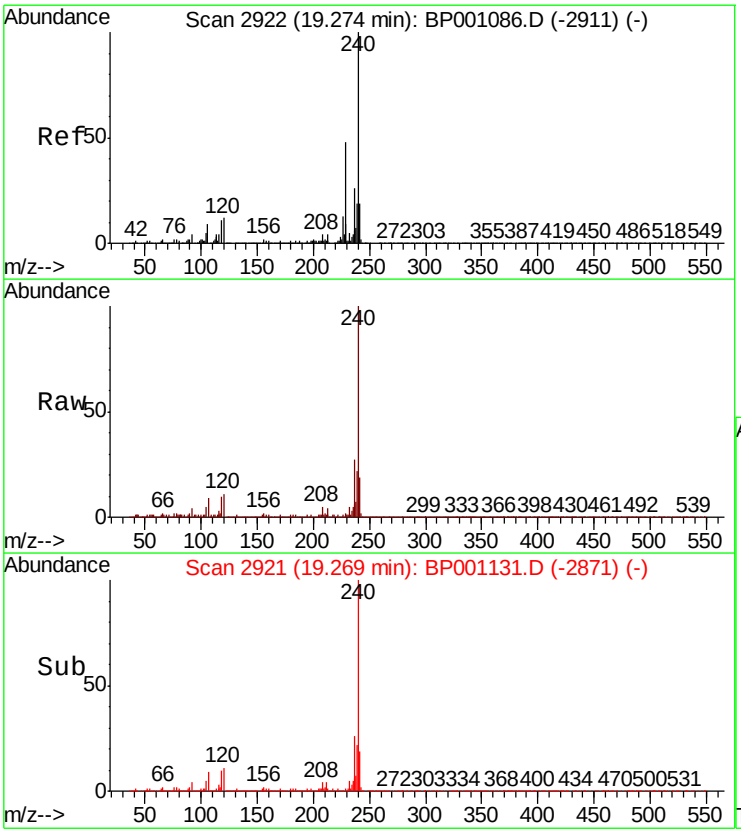
#75
Fluoranthene
Concen: 3.298 ng
RT: 17.37 min Scan# 2598
Delta R.T. -0.01 min
Lab File: BP001131.D
Acq: 02 Dec 2019 17:44

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 98688

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.1
203	17.4	0.0	37.8

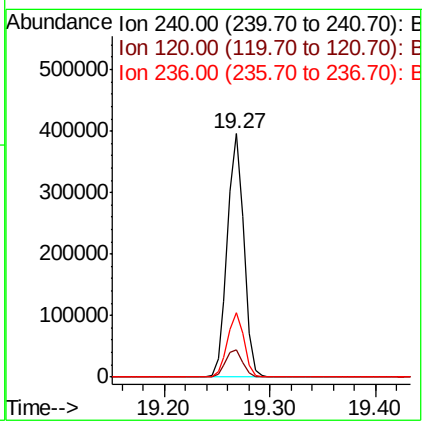


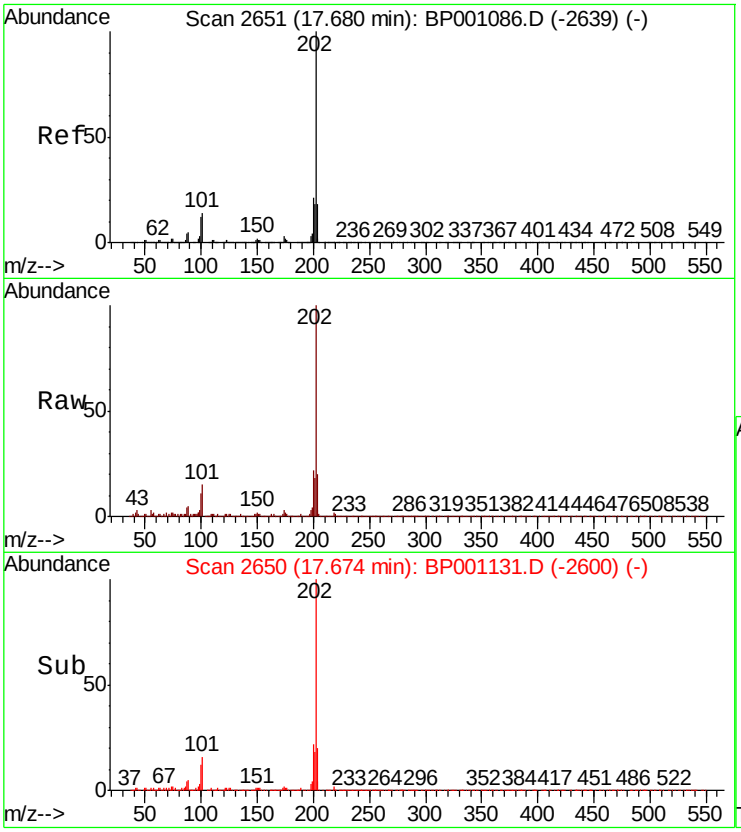


#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.27 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BP001131.D
Acq: 02 Dec 2019 17:44

Tgt Ion:240 Resp: 427982

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	26.5	20.4	30.6



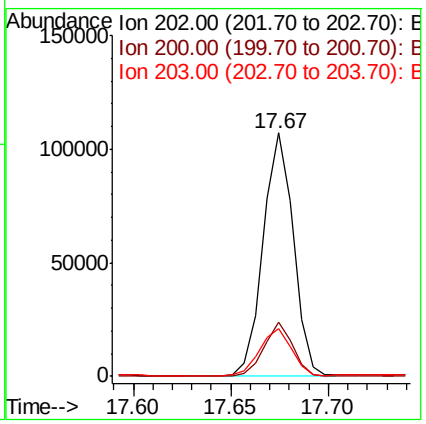


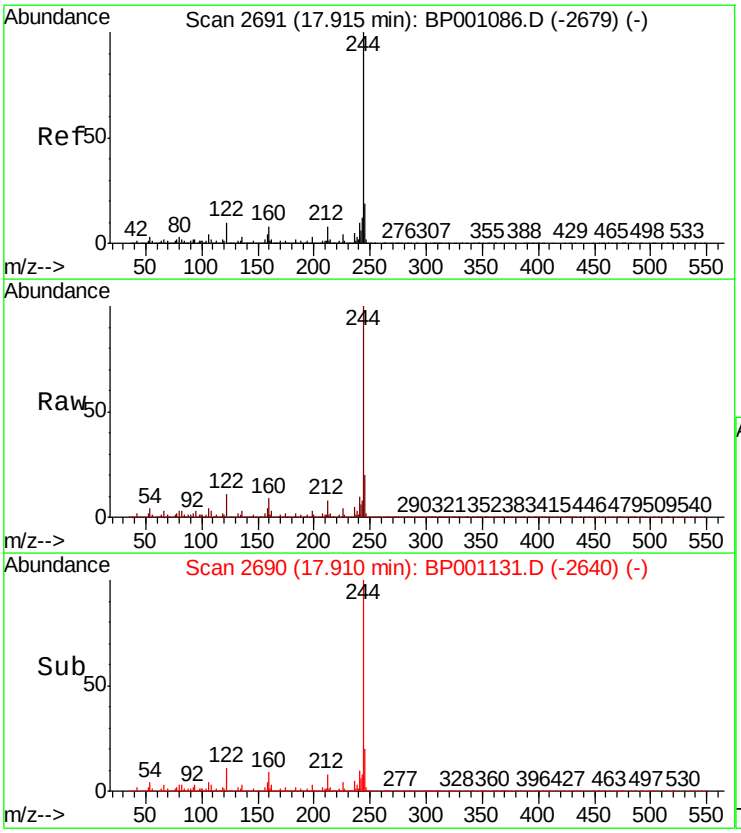
#78
Pyrene
Concen: 3.411 ng
RT: 17.67 min Scan# 2650
Delta R.T. -0.01 min
Lab File: BP001131.D
Acq: 02 Dec 2019 17:44

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 114969

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.0	25.6
203	19.9	14.1	21.1

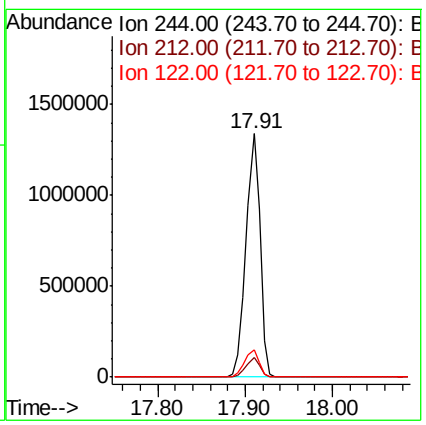


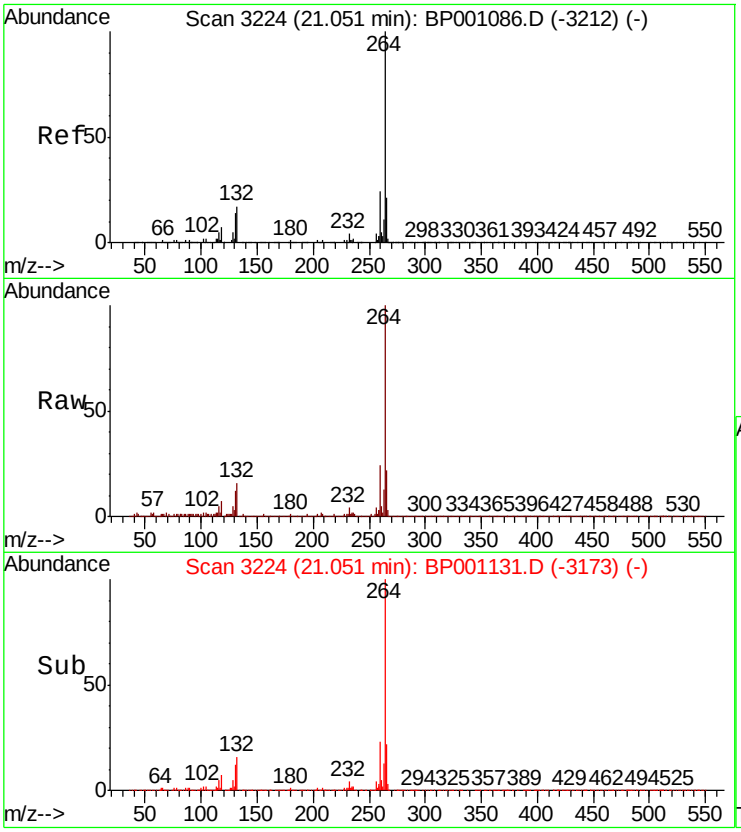


#79
Terphenyl-d14
Concen: 61.527 ng
RT: 17.91 min Scan# 2690
Delta R.T. -0.01 min
Lab File: BP001131.D
Acq: 02 Dec 2019 17:44

Tgt Ion:244 Resp: 1423302

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	11.1	8.2	12.2



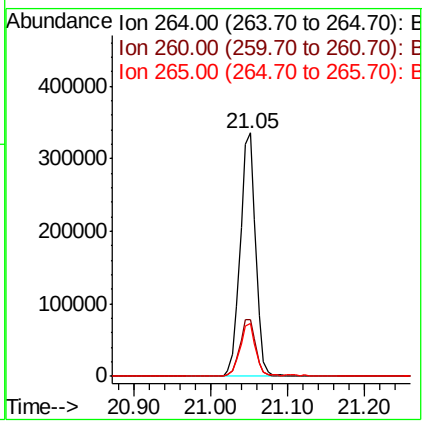


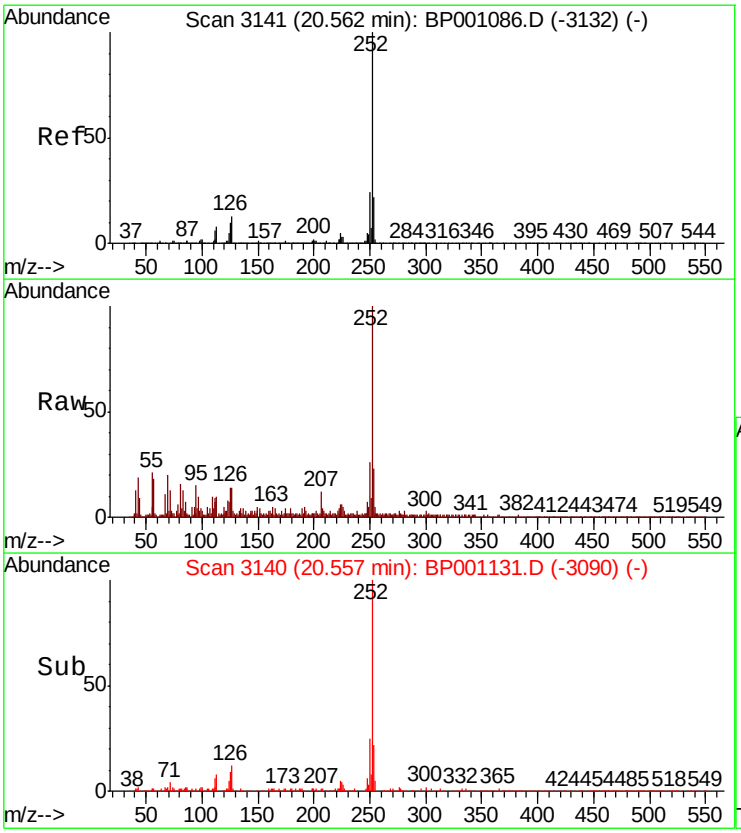
#87
Perylene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3224
Delta R.T. 0.00 min
Lab File: BP001131.D
Acq: 02 Dec 2019 17:44

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 470486

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.8	16.9	25.3

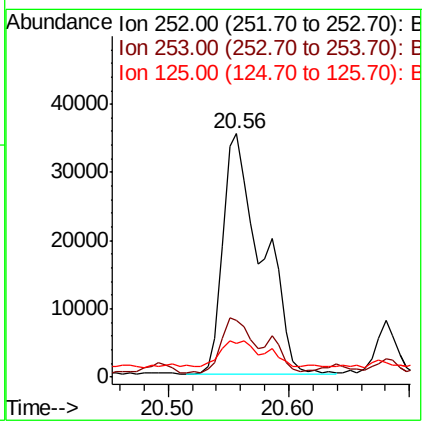


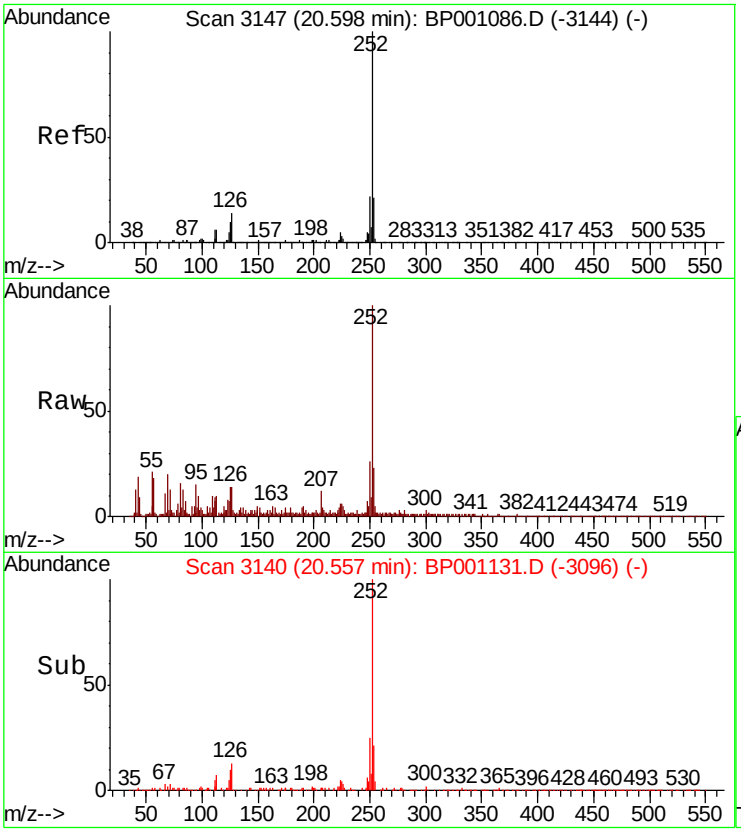


#88
Benzo(b)fluoranthene
Concen: 2.762 ng
RT: 20.56 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BP001131.D
Acq: 02 Dec 2019 17:44

Tgt Ion:252 Resp: 79369

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	14.0	8.1	12.1#





#89
Benzo(k)fluoranthene
Concen: 2.868 ng
RT: 20.56 min Scan# 3140
Delta R.T. -0.04 min
Lab File: BP001131.D
Acq: 02 Dec 2019 17:44

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 79369

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	14.0	8.2	12.2#