Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
Data File : BP001257.D
Acq On : 07 Dec 2019 16:36
Operator : JU
Sample : K6147-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Dec 09 00:43:03 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	8.31	152	84530	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	310285	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	177587	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	346057	20.00	ng	0.00
76) Chrysene-d12	19.24	240	278652	20.00	ng	-0.02
87) Perylene-d12	21.02	264	281012	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	564099	110.72	ng	0.02
7) Phenol-d6	7.76	99	688911	101.49	ng	0.00
23) Nitrobenzene-d5	9.19	82	611004	85.43	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	244637	143.72	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	990895	81.66	ng	-0.01
79) Terphenyl-d14	17.89	244	1341518	89.07	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.61	77	139	Below Cal	#	56
15) Benzyl Alcohol	8.55	79	11755	2.110	ng	# 56
19) n-Nitroso-di-n-propylamine	9.19	70	88665	18.102	ng	# 78
54) 2,4-Dinitrophenol	13.52	184	12	7.118	ng	90
77) Benzidine	17.53	184	19057	2.649	ng	97

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

Quantitation Report (Not Reviewed)

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Acq On : 07 Dec 2019 16:36
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ALS Vial : 12 Sample Multiplier: 1

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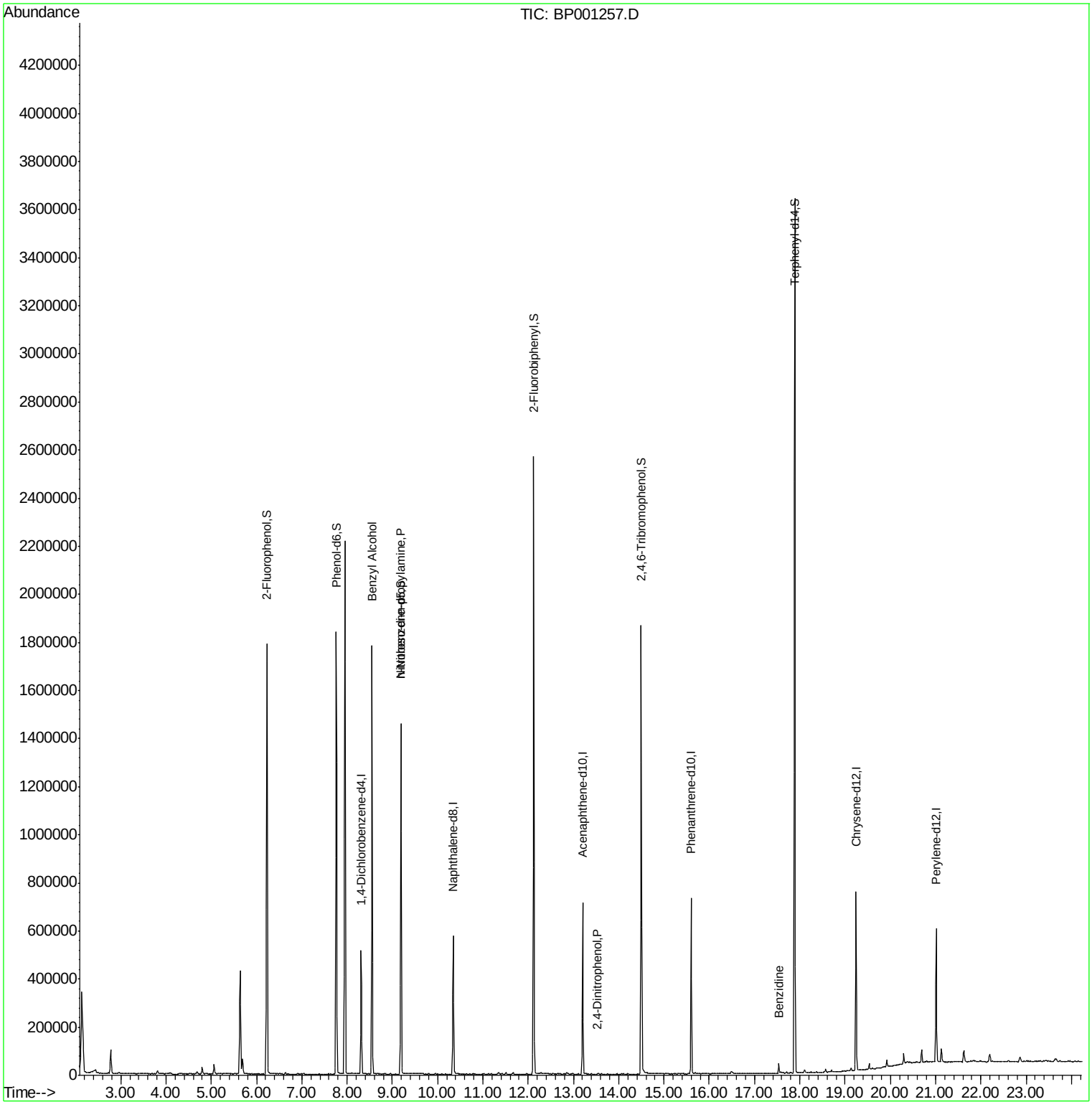
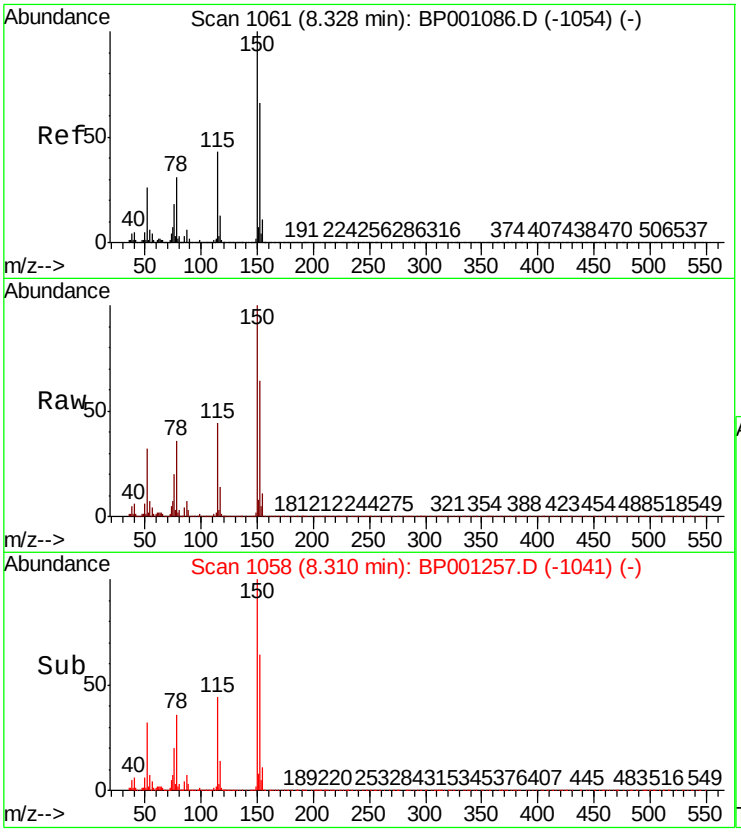


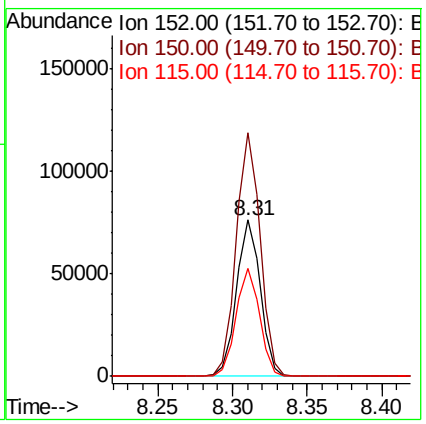


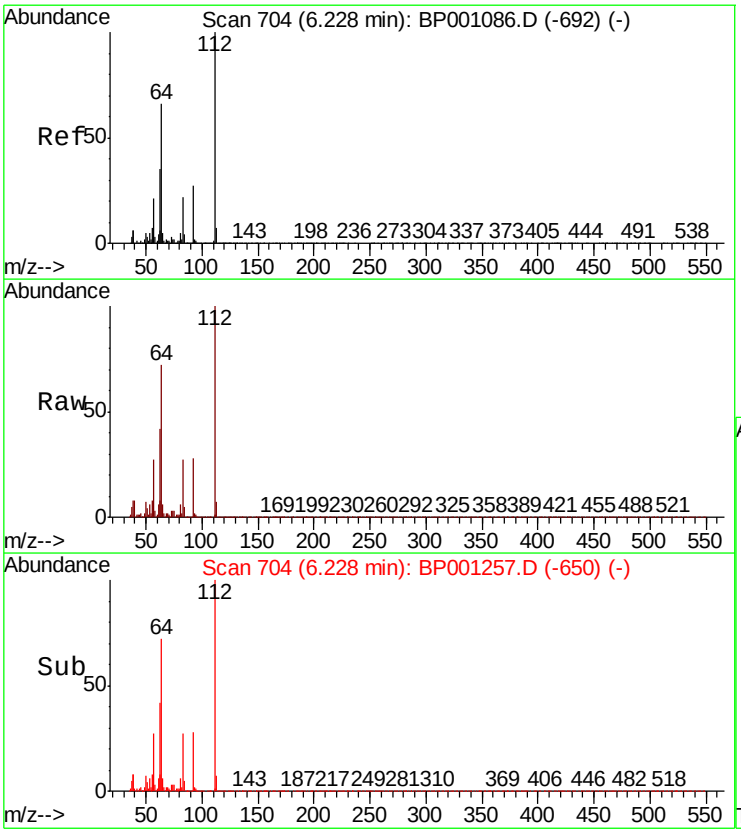
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BP001257.D
Acq: 07 Dec 2019 16:36

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 84530

Ion	Ratio	Lower	Upper
152	100		
150	155.8	127.3	190.9
115	69.0	56.0	84.0

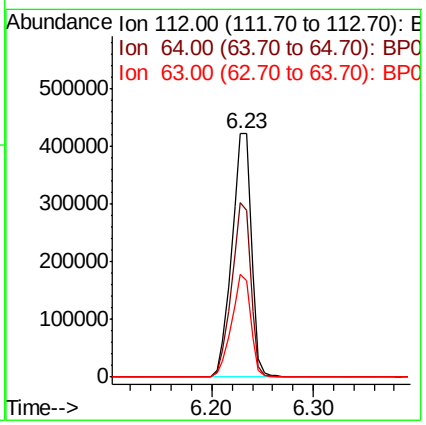


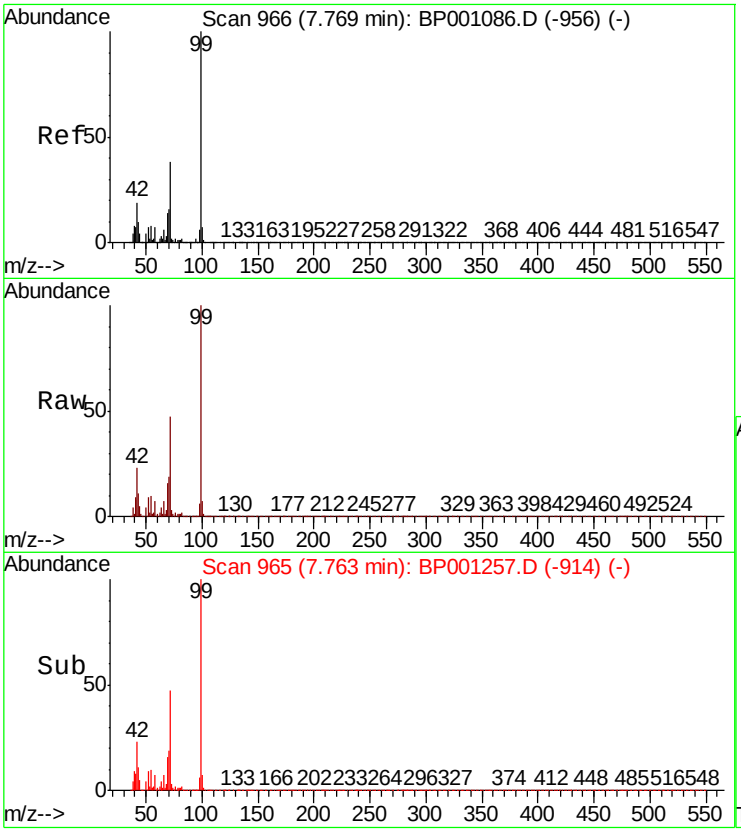


#5
2-Fluorophenol
Concen: 110.716 ng
RT: 6.23 min Scan# 704
Delta R.T. 0.02 min
Lab File: BP001257.D
Acq: 07 Dec 2019 16:36

Tgt Ion:112 Resp: 564099

Ion	Ratio	Lower	Upper
112	100		
64	71.8	56.8	85.2
63	42.1	32.2	48.2



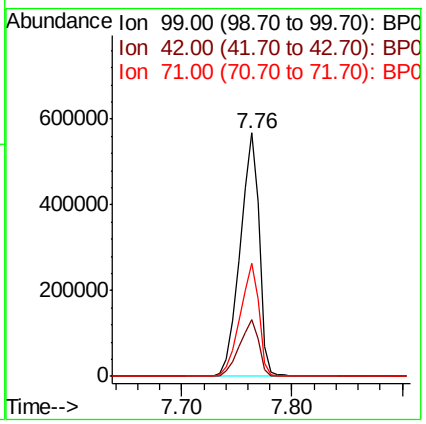


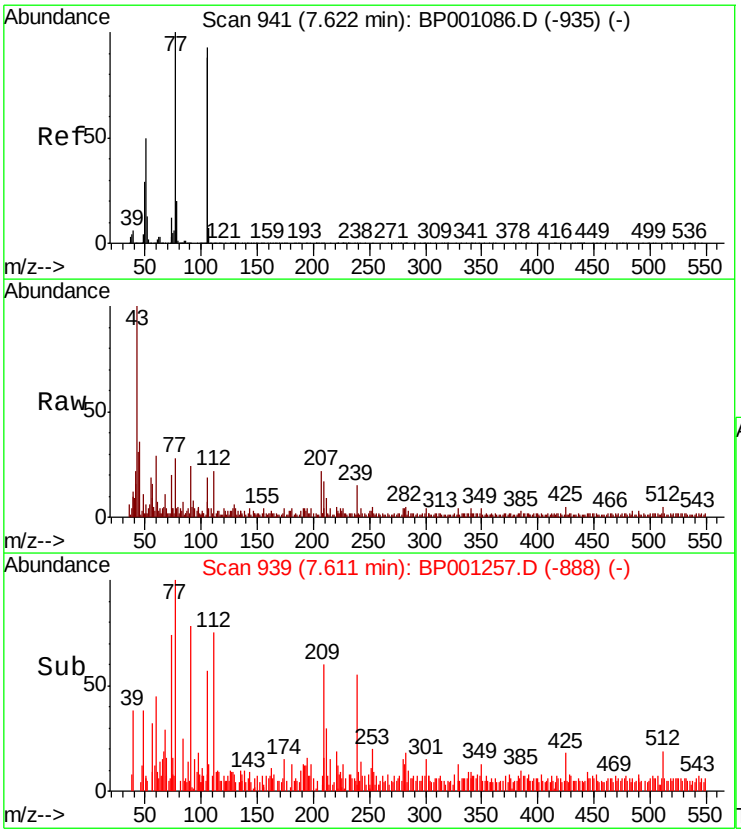
#7
Phenol-d6
Concen: 101.493 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BP001257.D
Acq: 07 Dec 2019 16:36

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 688911

Ion	Ratio	Lower	Upper
99	100		
42	23.2	17.6	26.4
71	46.5	33.8	50.8

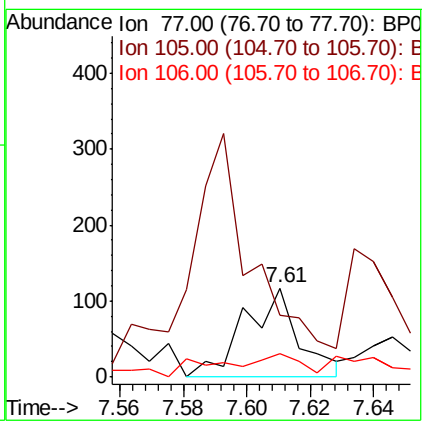


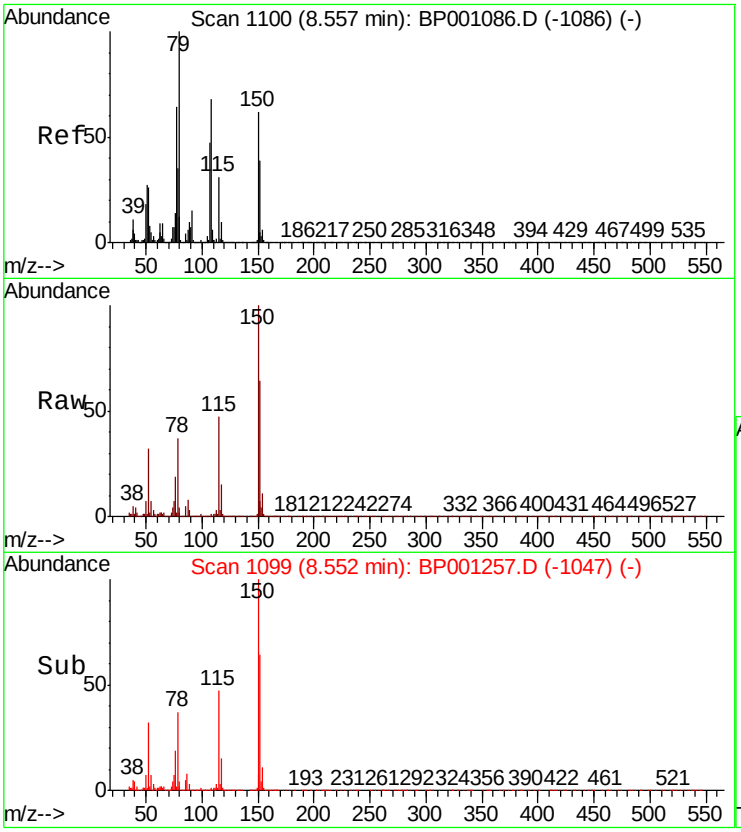


#9
Benzaldehyde
Concen: Below Cal
RT: 7.61 min Scan# 939
Delta R.T. 0.00 min
Lab File: BP001257.D
Acq: 07 Dec 2019 16:36

Tgt Ion: 77 Resp: 139

Ion	Ratio	Lower	Upper
77	100		
105	69.2	69.7	109.7#
106	25.6	67.1	107.1#



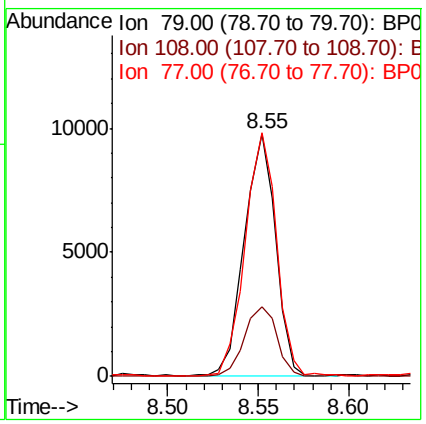


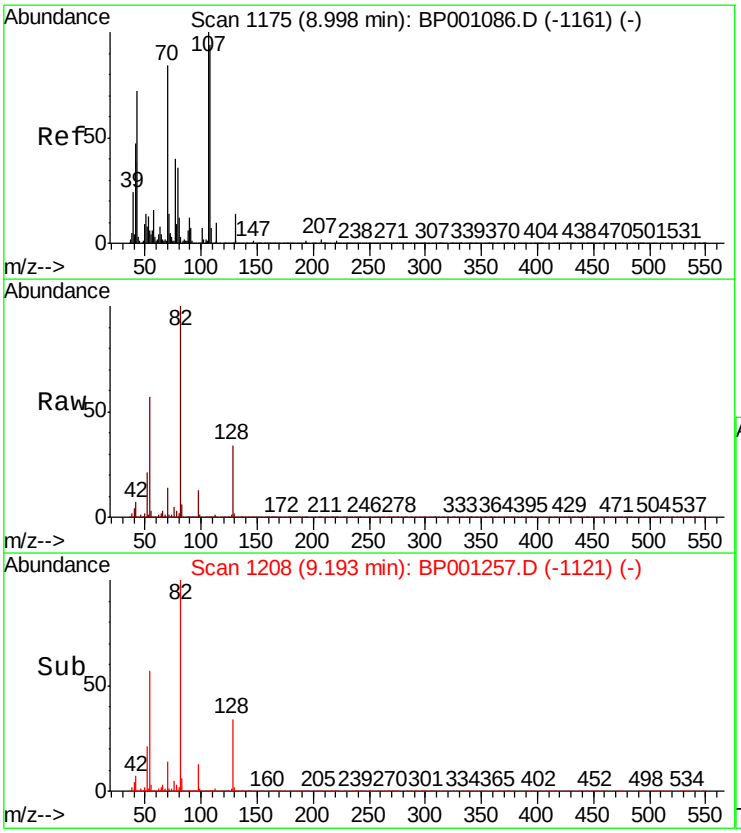
#15
Benzyl Alcohol
Concen: 2.110 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BP001257.D
Acq: 07 Dec 2019 16:36

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 79 Resp: 11755

Ion	Ratio	Lower	Upper
79	100		
108	28.7	51.6	77.4#
77	100.4	53.5	80.3#

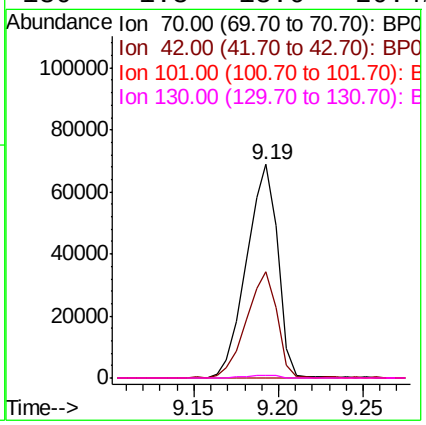


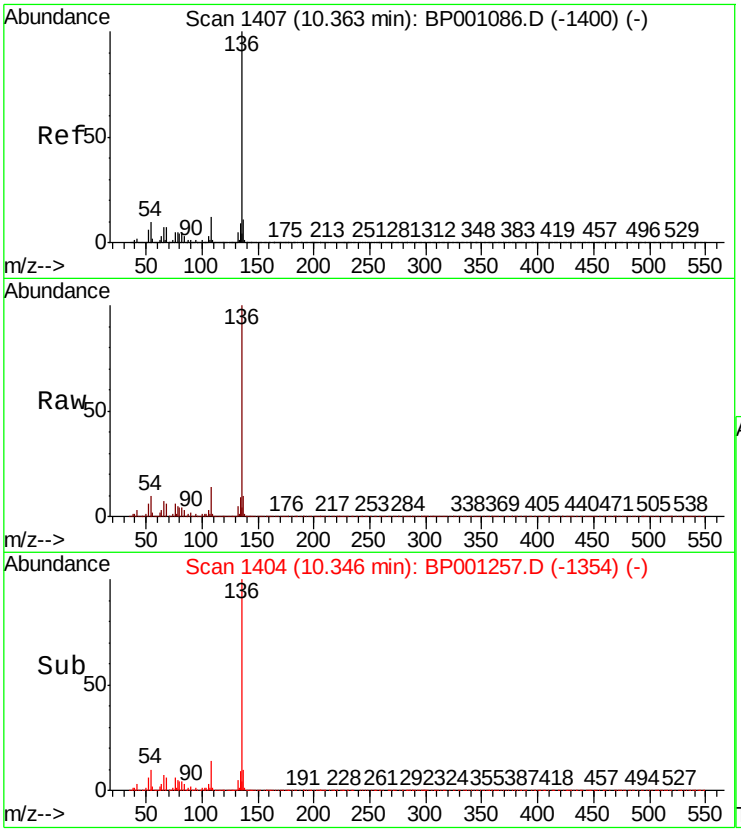


#19
n-Nitroso-di-n-propylamine
Concen: 18.102 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.21 min
Lab File: BP001257.D
Acq: 07 Dec 2019 16:36

Tgt Ion: 70 Resp: 88665

Ion	Ratio	Lower	Upper
70	100		
42	49.6	50.6	76.0#
101	0.0	7.1	10.7#
130	1.3	13.6	20.4#



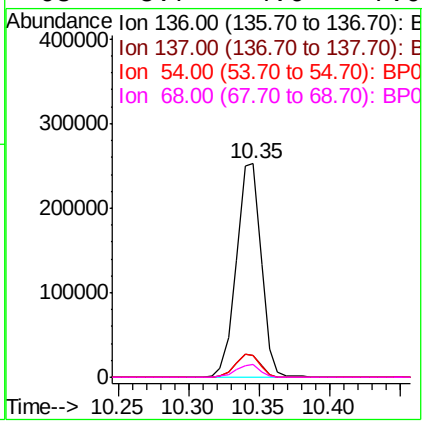


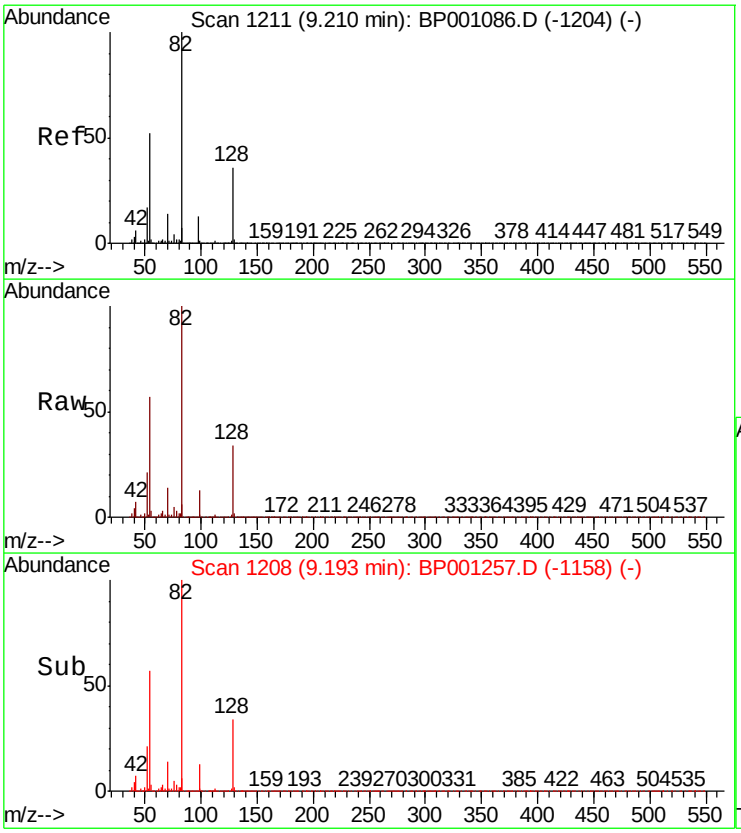
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001257.D
Acq: 07 Dec 2019 16:36

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 310285

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.4	12.6
54	10.0	7.4	11.0
68	5.7	4.6	7.0

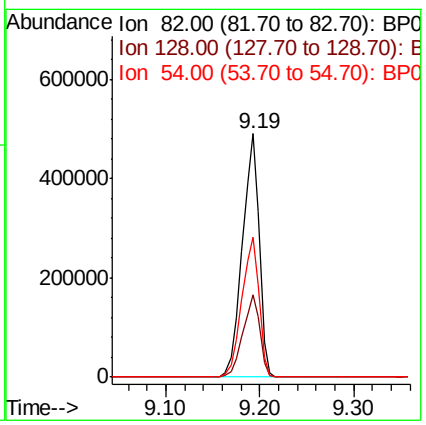


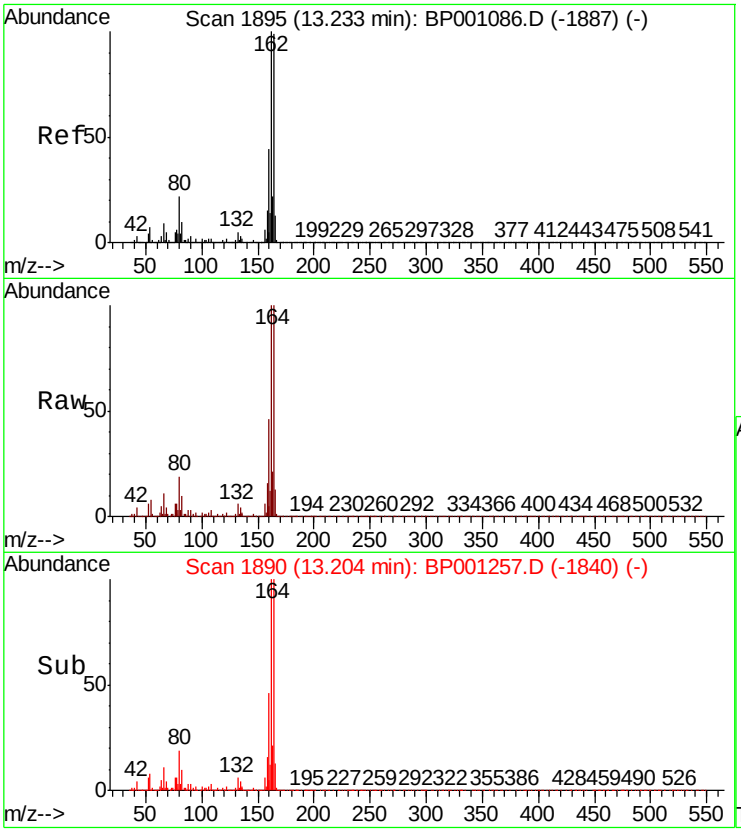


#23
Nitrobenzene-d5
Concen: 85.434 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001257.D
Acq: 07 Dec 2019 16:36

Tgt Ion: 82 Resp: 611004

Ion	Ratio	Lower	Upper
82	100		
128	33.7	27.5	41.3
54	57.3	45.7	68.5



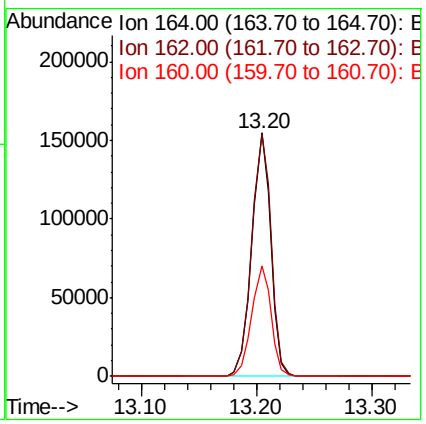


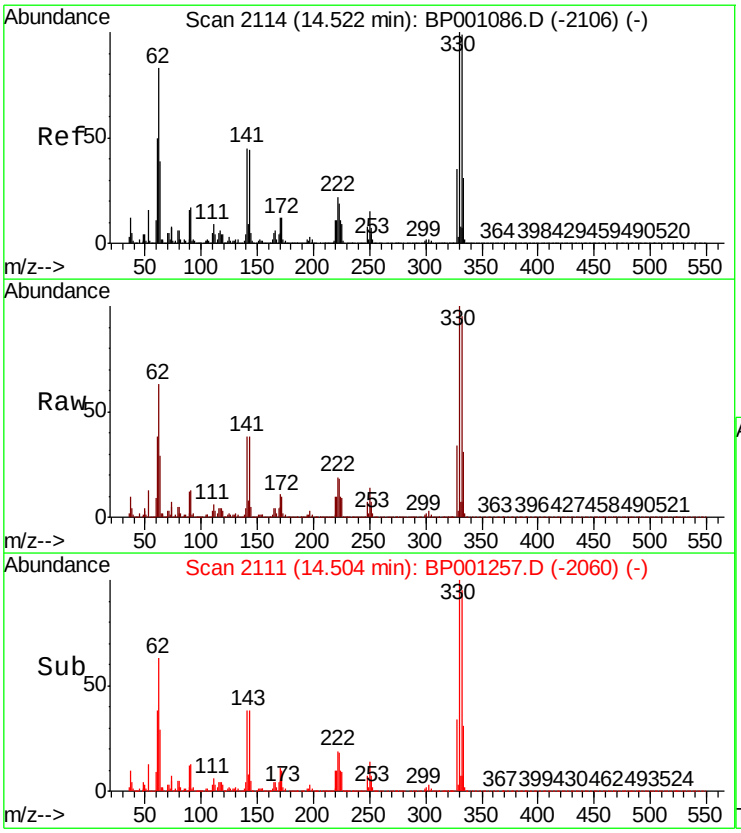
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001257.D
Acq: 07 Dec 2019 16:36

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 177587

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.7	121.1
160	45.6	36.3	54.5

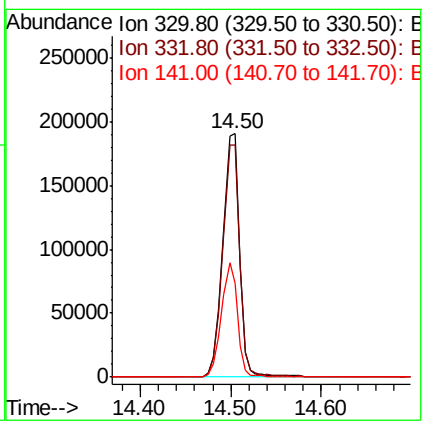


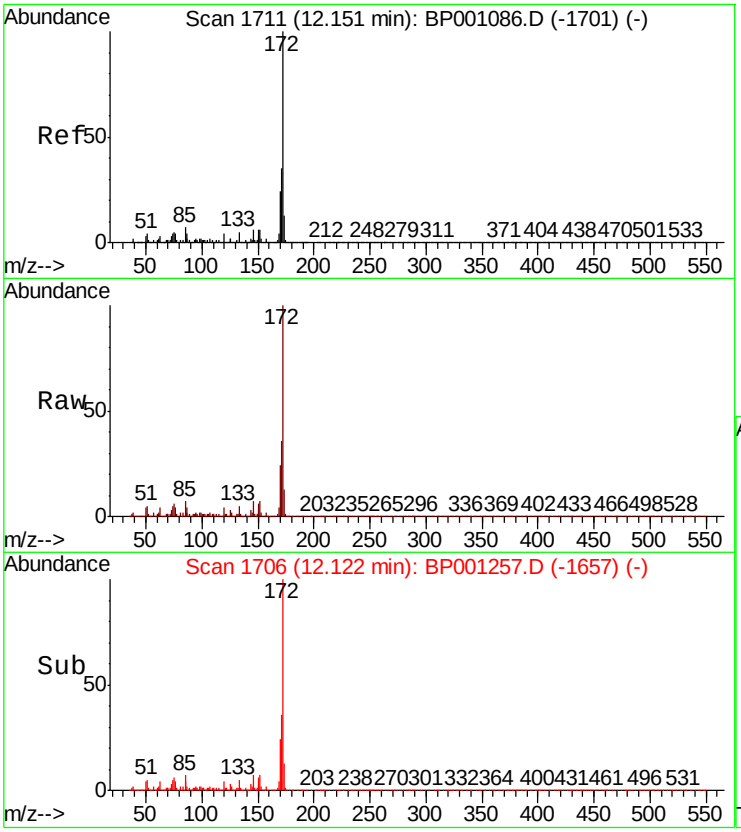


#42
2,4,6-Tribromophenol
Concen: 143.721 ng
RT: 14.50 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BP001257.D
Acq: 07 Dec 2019 16:36

Tgt Ion:330 Resp: 244637

Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.1	118.7
141	44.5	35.9	53.9



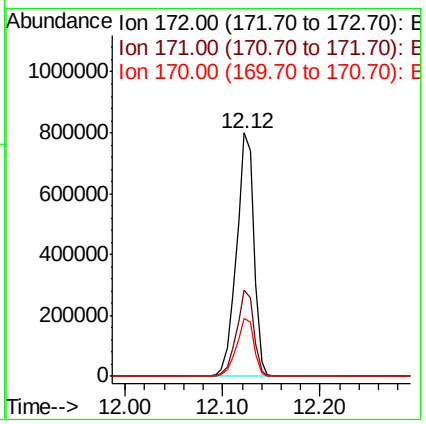


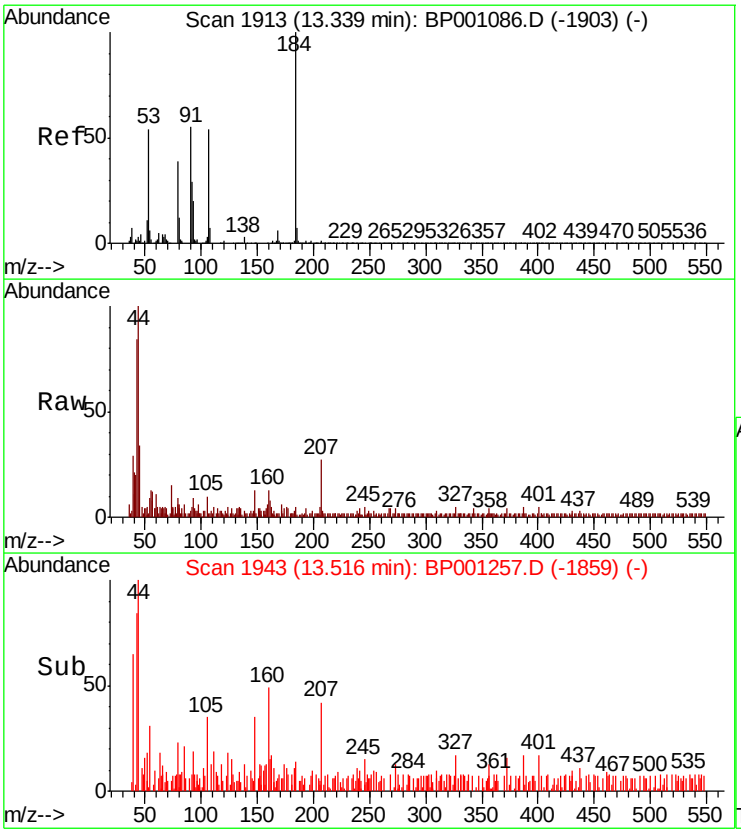
#45
2-Fluorobiphenyl
Concen: 81.664 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001257.D
Acq: 07 Dec 2019 16:36

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 990895

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.7	43.1
170	23.6	19.2	28.8

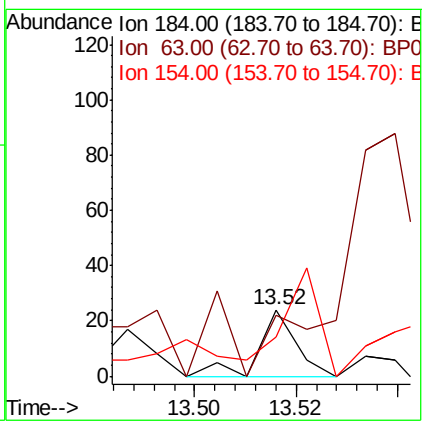


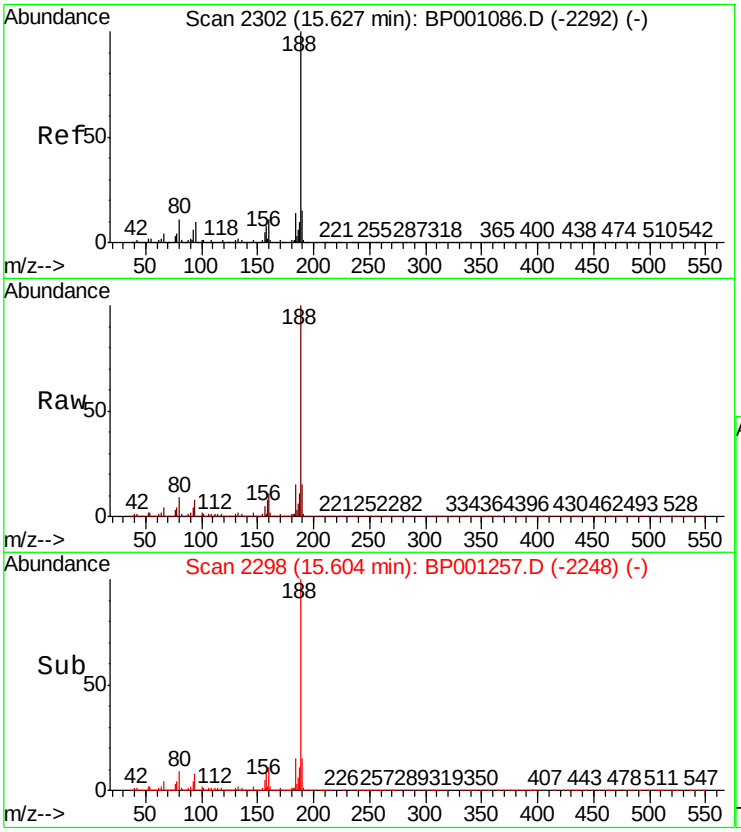


#54
2,4-Dinitrophenol
Concen: 7.118 ng
RT: 13.52 min Scan# 1943
Delta R.T. 0.19 min
Lab File: BP001257.D
Acq: 07 Dec 2019 16:36

Tgt Ion:184 Resp: 12

Ion	Ratio	Lower	Upper
184	100		
63	91.7	69.4	104.0
154	58.3	57.4	86.2



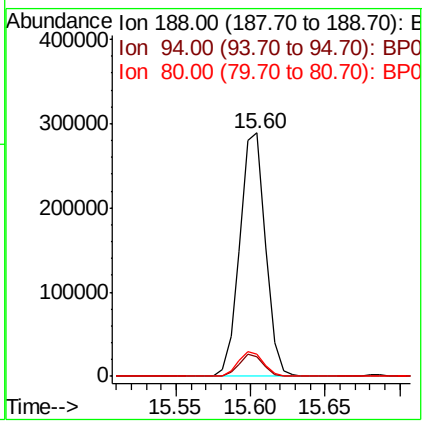


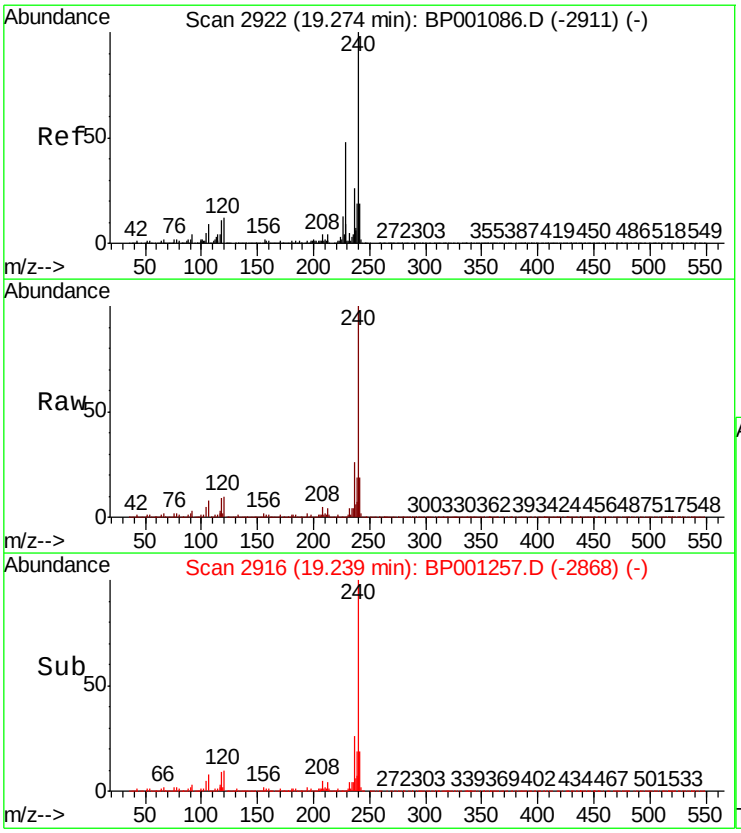
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001257.D
Acq: 07 Dec 2019 16:36

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 346057

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.1	10.7
80	8.9	7.8	11.6

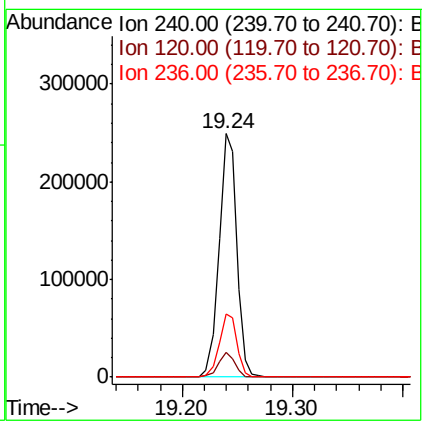


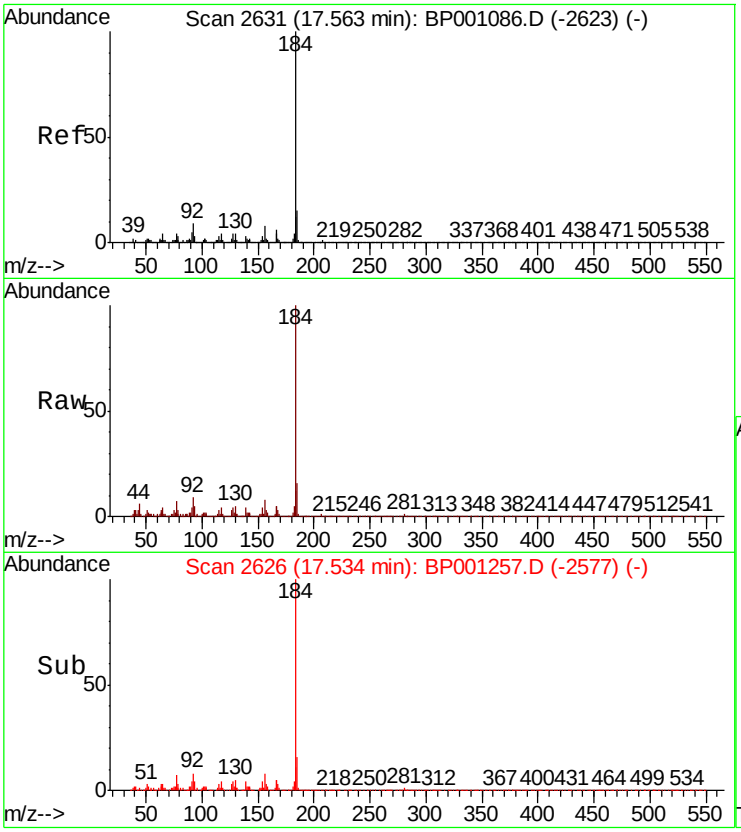


#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.02 min
Lab File: BP001257.D
Acq: 07 Dec 2019 16:36

Tgt Ion:240 Resp: 278652

Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.0	10.6
236	26.1	21.7	32.5



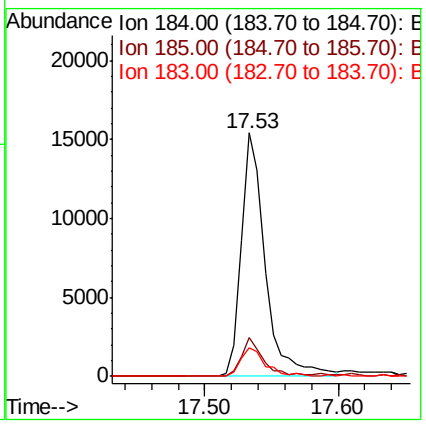


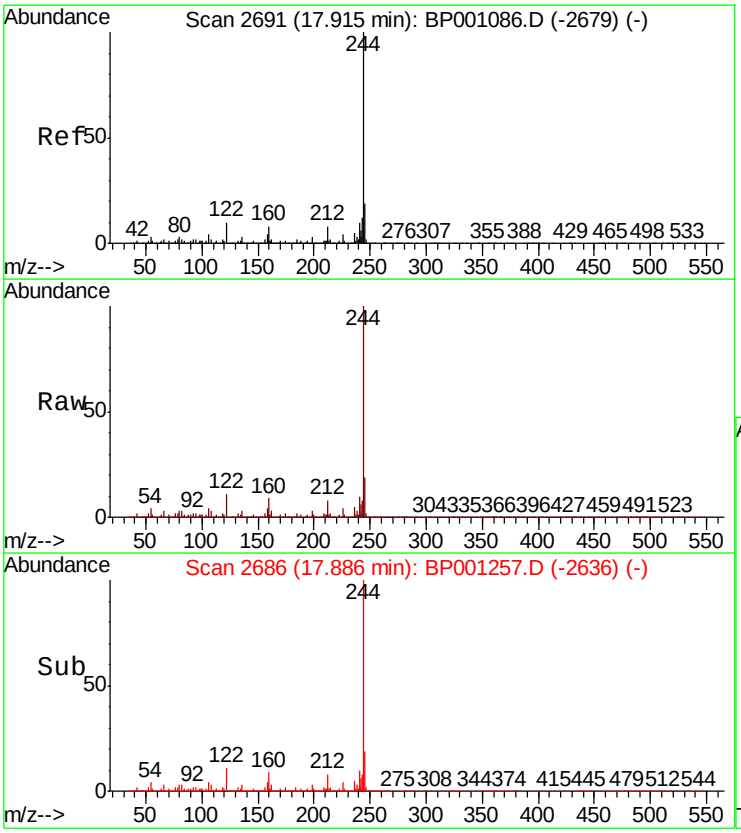
#77
Benzidine
Concen: 2.649 ng
RT: 17.53 min Scan# 2626
Delta R.T. -0.01 min
Lab File: BP001257.D
Acq: 07 Dec 2019 16:36

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:184 Resp: 19057

Ion	Ratio	Lower	Upper
184	100		
185	15.9	11.4	17.0
183	11.5	9.0	13.4

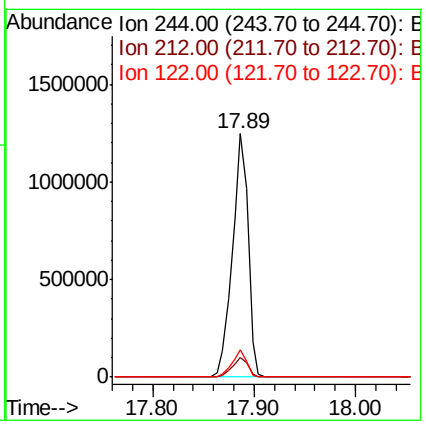


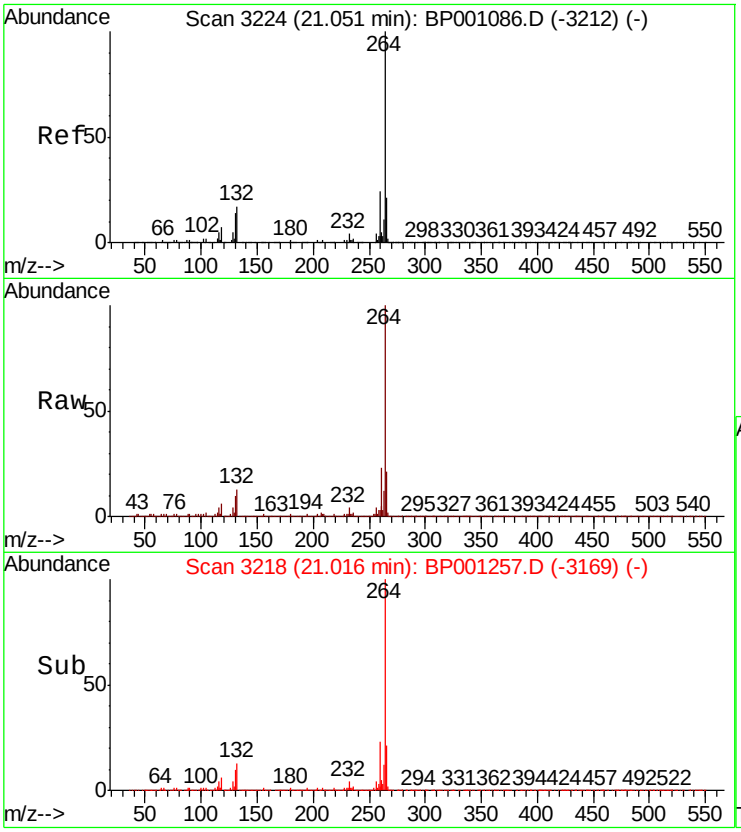


#79
Terphenyl-d14
Concen: 89.069 ng
RT: 17.89 min Scan# 2686
Delta R.T. -0.01 min
Lab File: BP001257.D
Acq: 07 Dec 2019 16:36

Tgt Ion:244 Resp: 1341518

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	9.8
122	11.0	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: BP001257.D
Acq: 07 Dec 2019 16:36

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 281012

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	20.8	17.1	25.7