Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001105.D
Acq On : 28 Nov 2019 03:35
Operator : JU
Sample : K5959-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Nov 28 06:53:26 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	179756	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	694440	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	410653	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	779414	20.00	ng	0.00
76) Chrysene-d12	19.26	240	495362	20.00	ng	-0.01
87) Perylene-d12	21.05	264	515016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	1090330	100.63	ng	0.00
7) Phenol-d6	7.77	99	999249	69.23	ng	0.00
23) Nitrobenzene-d5	9.21	82	1523406	95.18	ng	0.00
42) 2,4,6-Tribromophenol	14.53	330	572490	145.45	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	2594725	92.48	ng	0.00
79) Terphenyl-d14	17.91	244	2757898	103.00	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.63	77	801	Below Cal	#	87
15) Benzyl Alcohol	8.57	79	26168	2.208	ng	# 52
19) n-Nitroso-di-n-propylamine	9.21	70	210283	20.189	ng	# 80
54) 2,4-Dinitrophenol	13.32	184	7	7.111	ng	# 1
65) 4,6-Dinitro-2-methylphenol	14.07	198	43	6.288	ng	# 1

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

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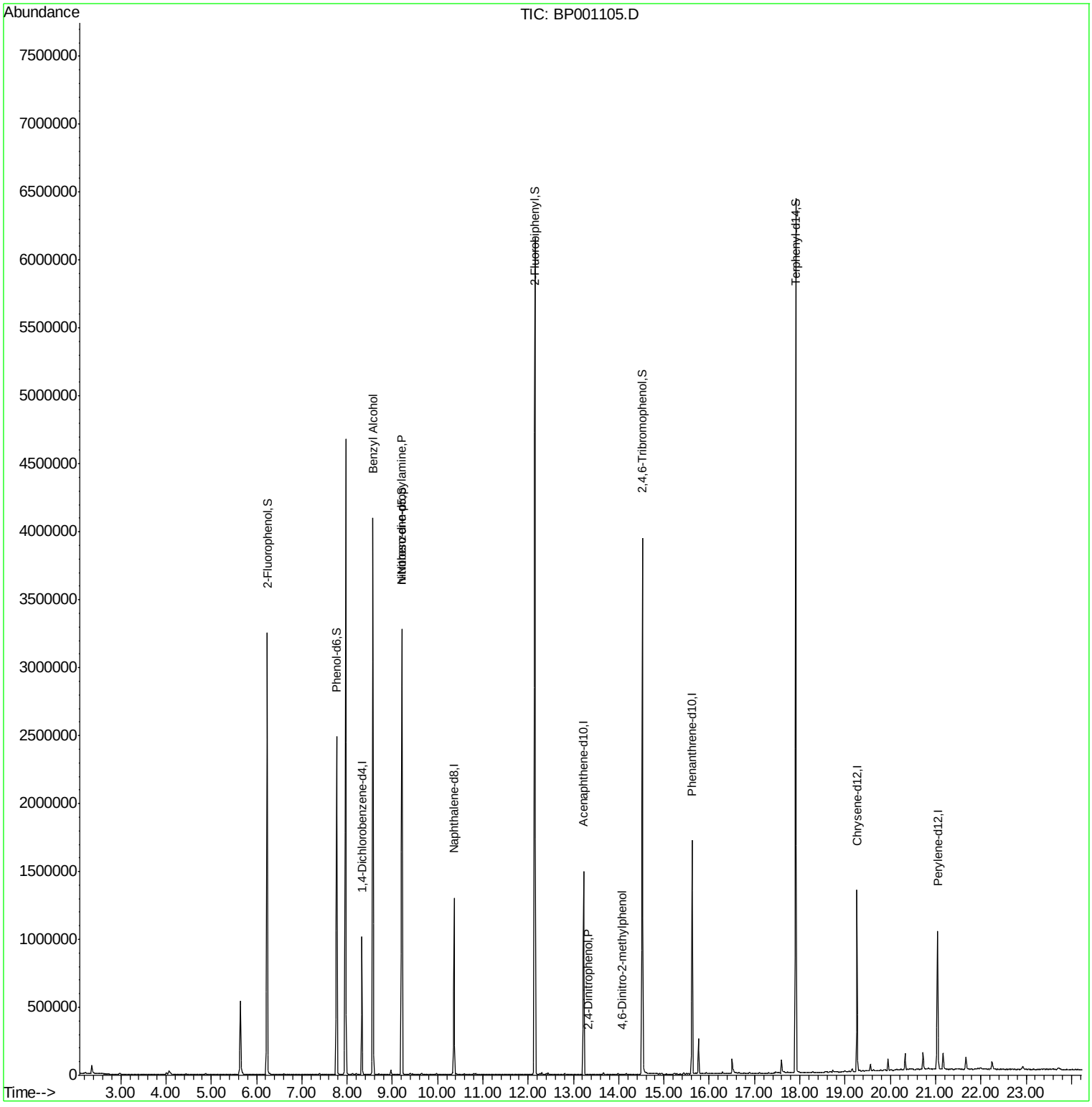
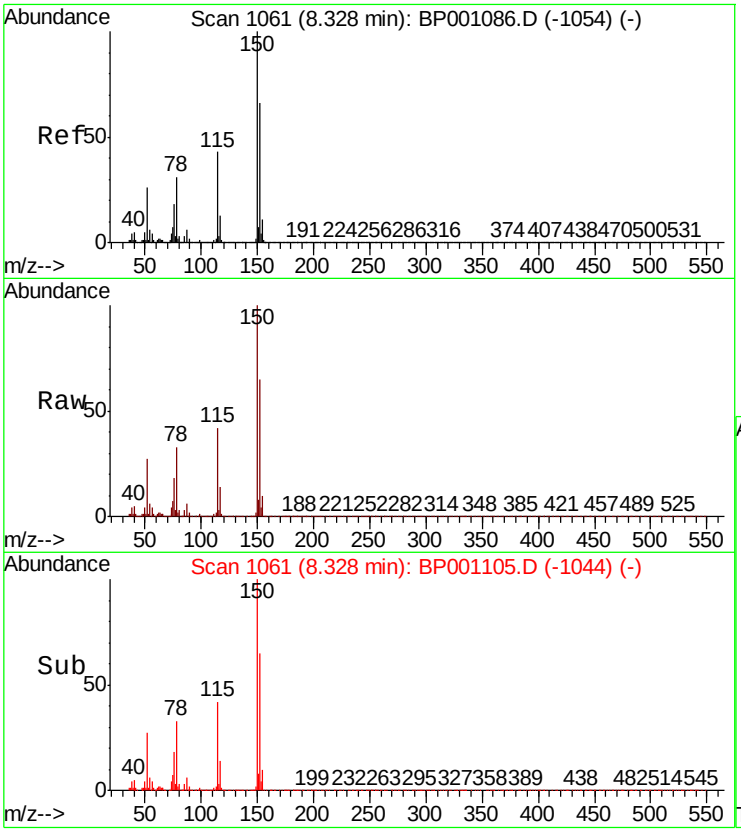


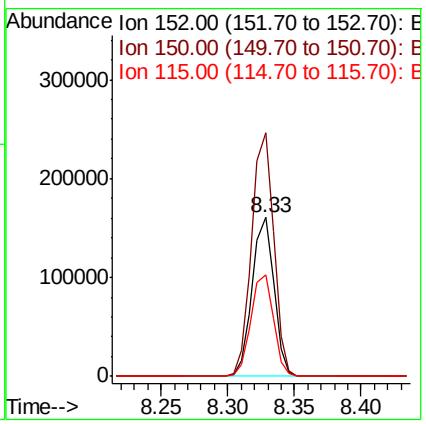


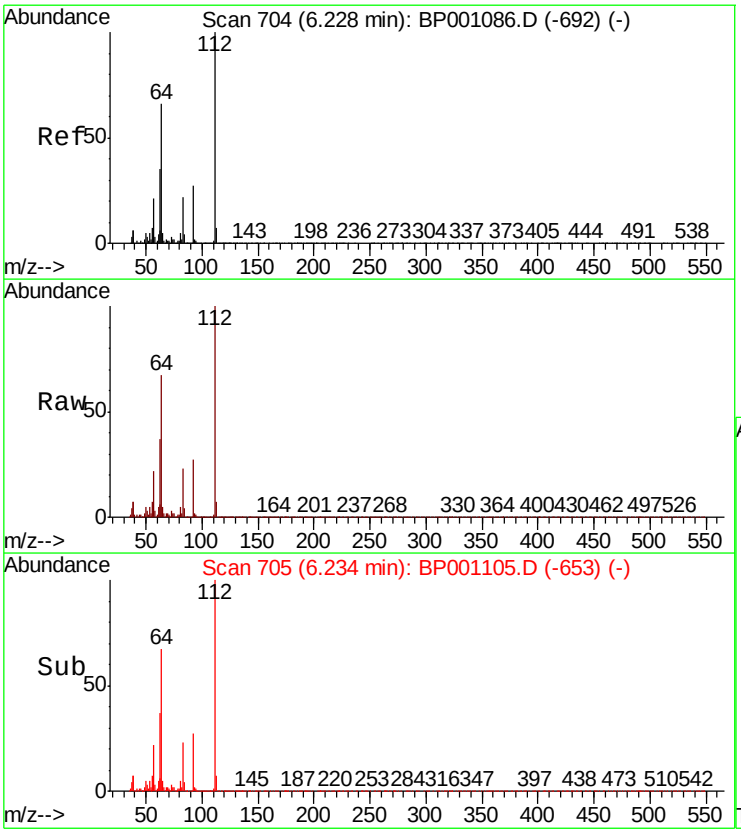
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 179756

Ion	Ratio	Lower	Upper
152	100		
150	153.3	120.6	181.0
115	63.7	51.6	77.4

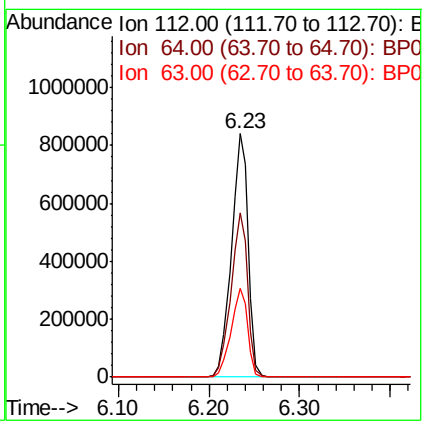


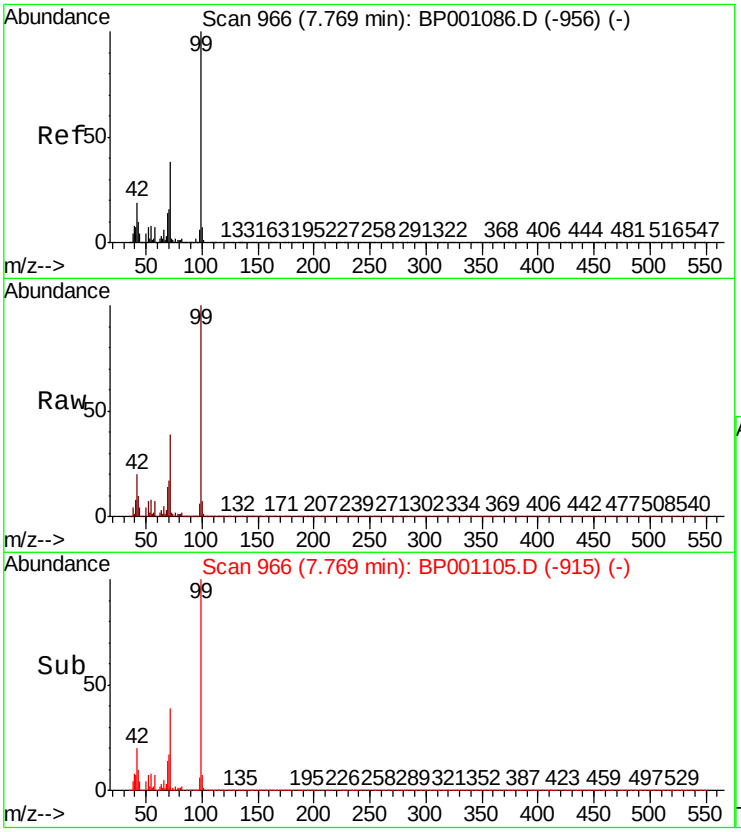


#5
2-Fluorophenol
Concen: 100.633 ng
RT: 6.23 min Scan# 705
Delta R.T. 0.01 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

Tgt Ion:112 Resp: 1090330

Ion	Ratio	Lower	Upper
112	100		
64	67.3	52.8	79.2
63	36.5	28.2	42.2



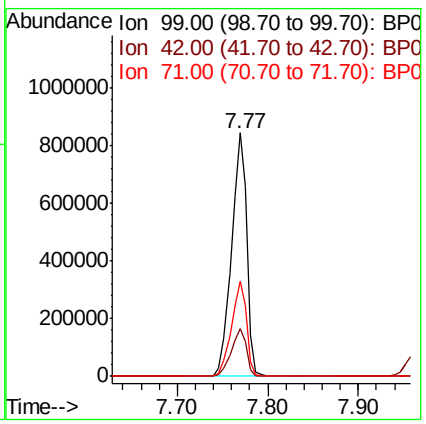


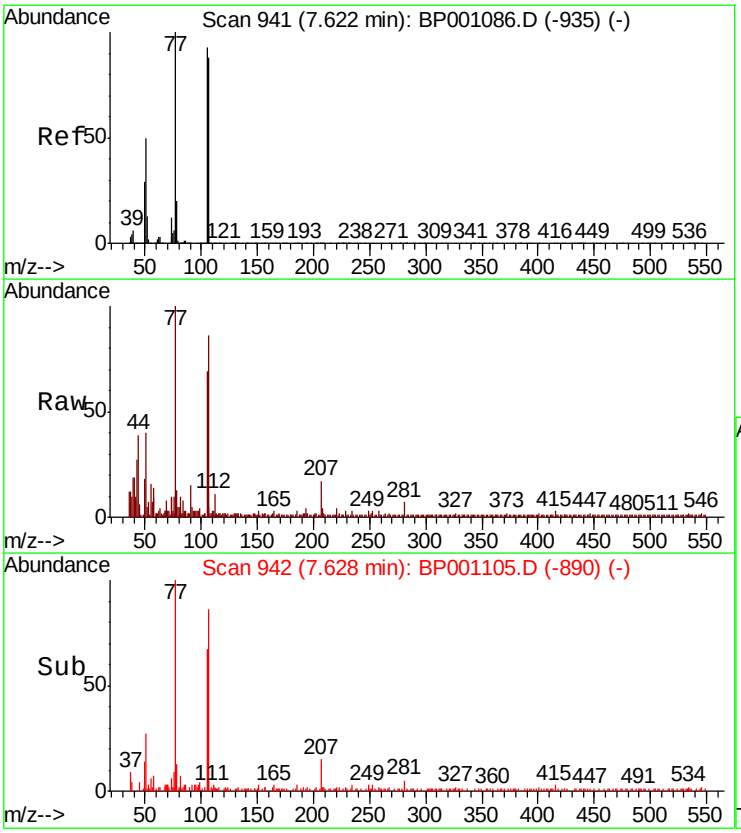
#7
Phenol-d6
Concen: 69.227 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 999249

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.4	23.0
71	39.0	30.8	46.2

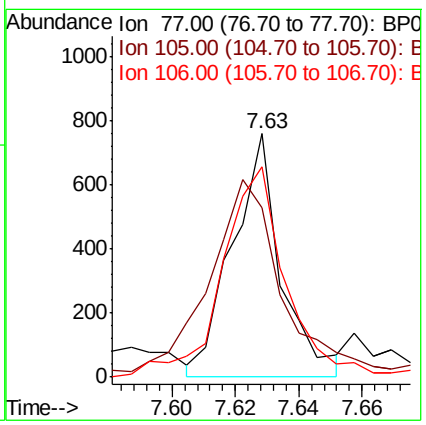


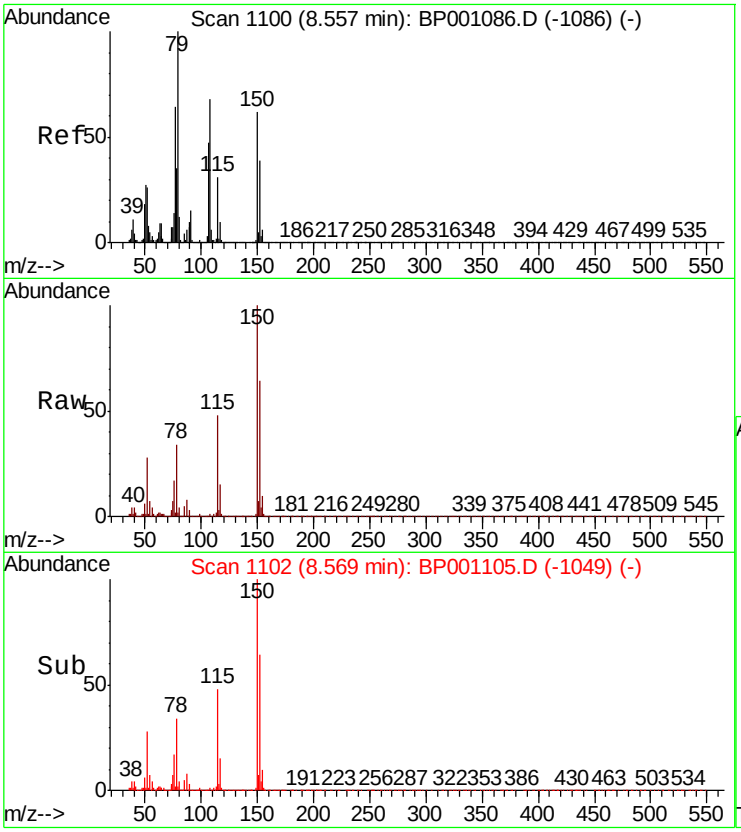


#9
Benzaldehyde
Concen: Below Cal
RT: 7.63 min Scan# 942
Delta R.T. 0.01 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

Tgt Ion: 77 Resp: 801

Ion	Ratio	Lower	Upper
77	100		
105	69.3	72.5	112.5#
106	86.3	67.6	107.6



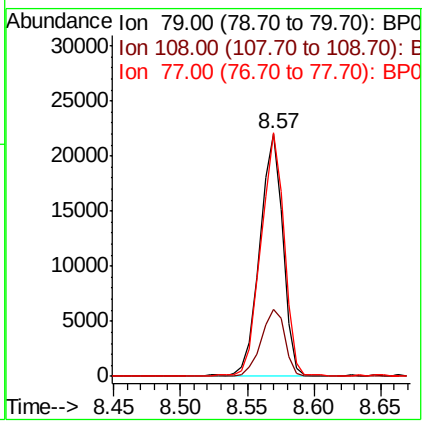


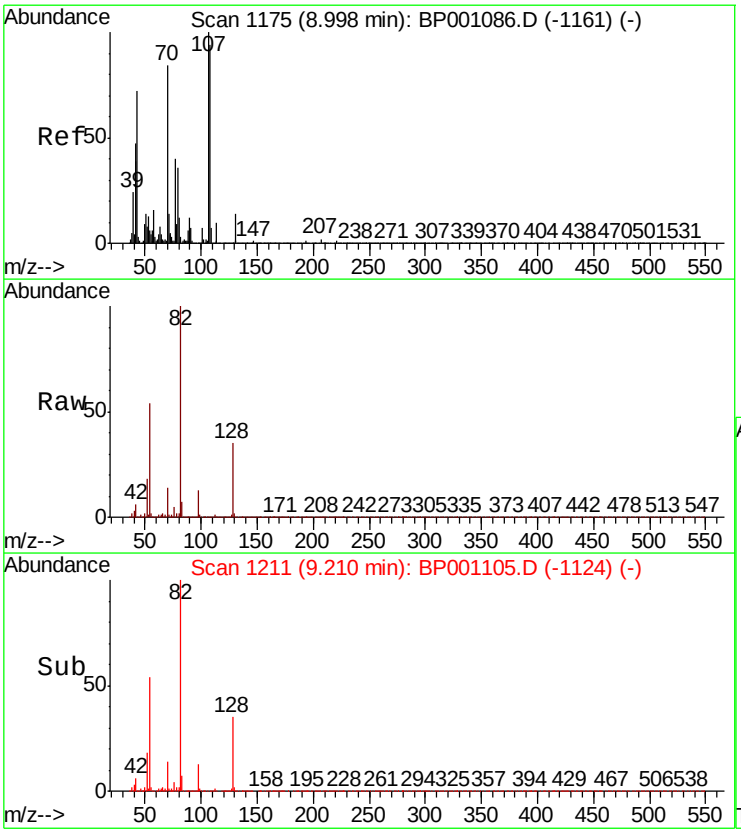
#15
Benzyl Alcohol
Concen: 2.208 ng
RT: 8.57 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 79 Resp: 26168

Ion	Ratio	Lower	Upper
79	100		
108	27.8	54.8	82.2#
77	100.4	51.4	77.2#

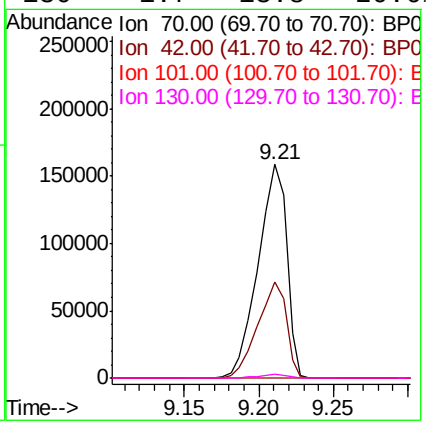


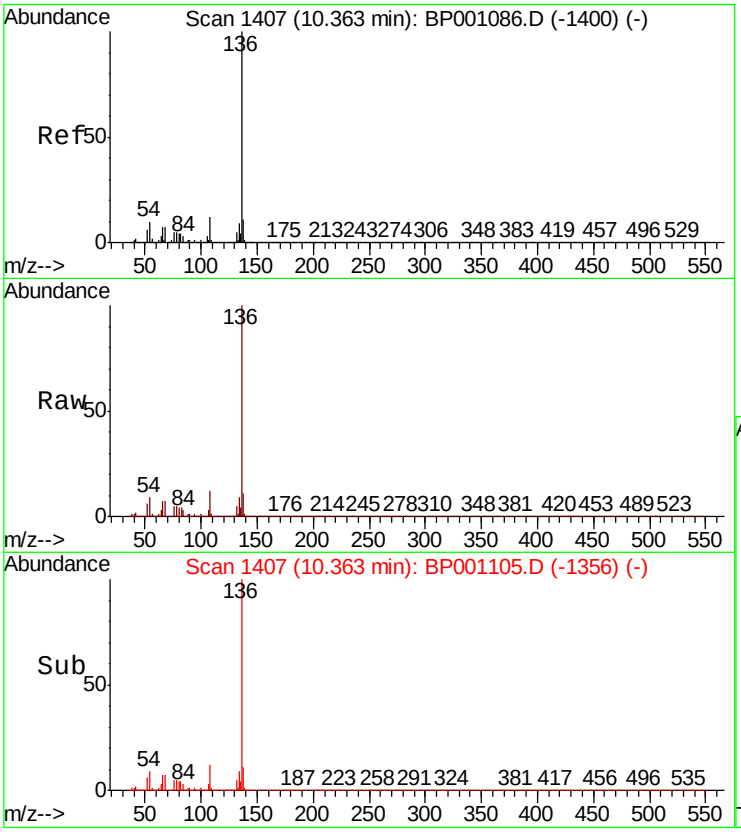


#19
n-Nitroso-di-n-propylamine
Concen: 20.189 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.21 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

Tgt Ion: 70 Resp: 210283

Ion	Ratio	Lower	Upper
70	100		
42	44.9	44.6	66.8
101	0.0	7.1	10.7#
130	1.7	13.8	20.6#



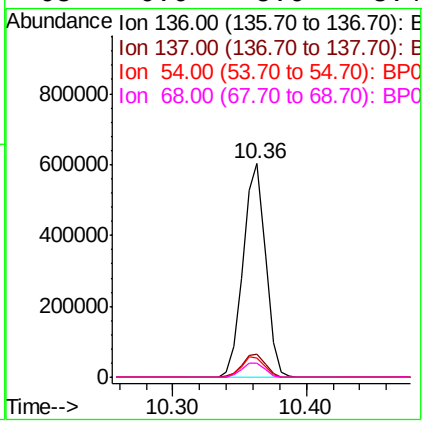


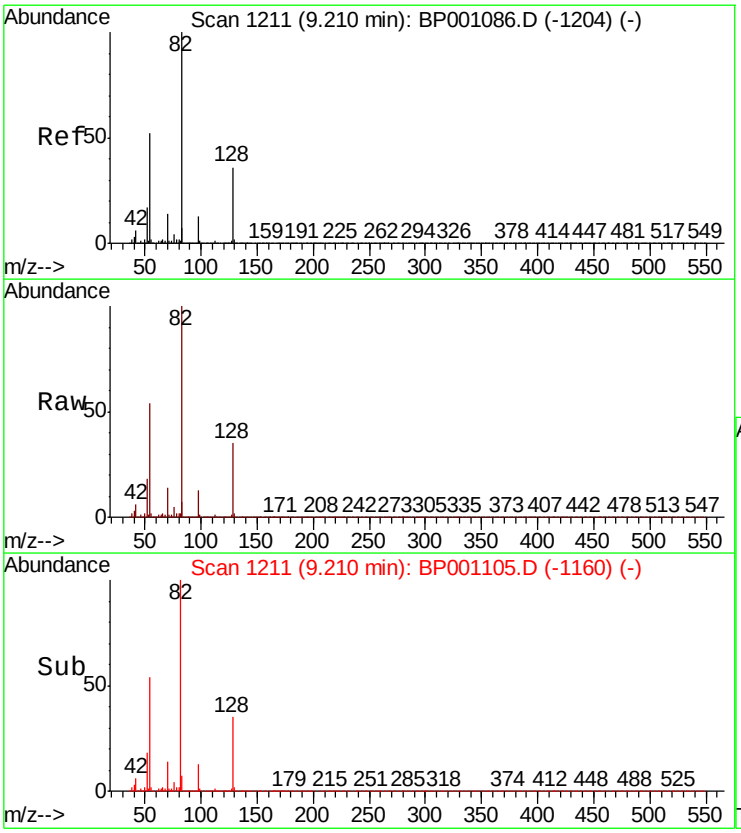
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 694440

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.0	7.9	11.9
68	6.6	5.6	8.4

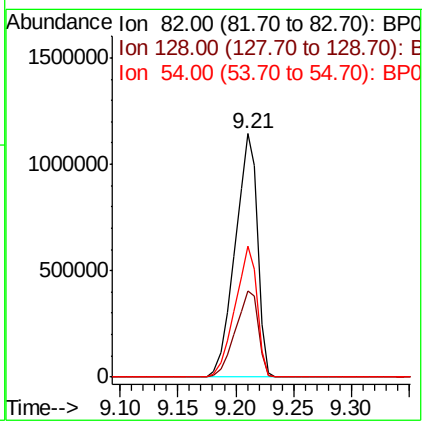


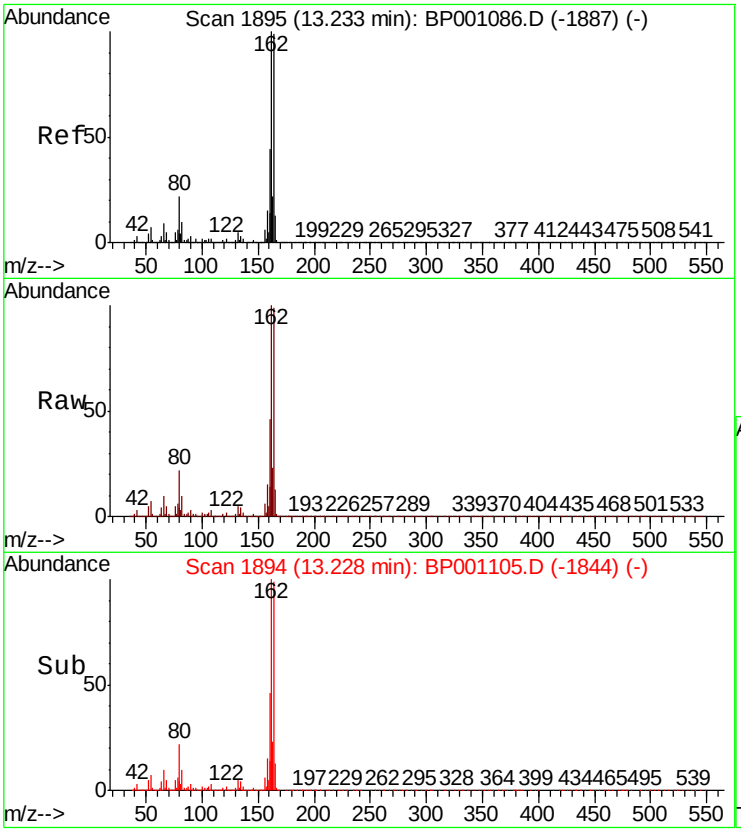


#23
Nitrobenzene-d5
Concen: 95.176 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

Tgt Ion: 82 Resp: 1523406

Ion	Ratio	Lower	Upper
82	100		
128	35.3	28.9	43.3
54	53.6	41.9	62.9



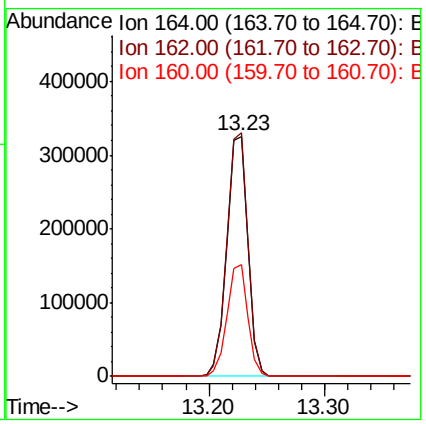


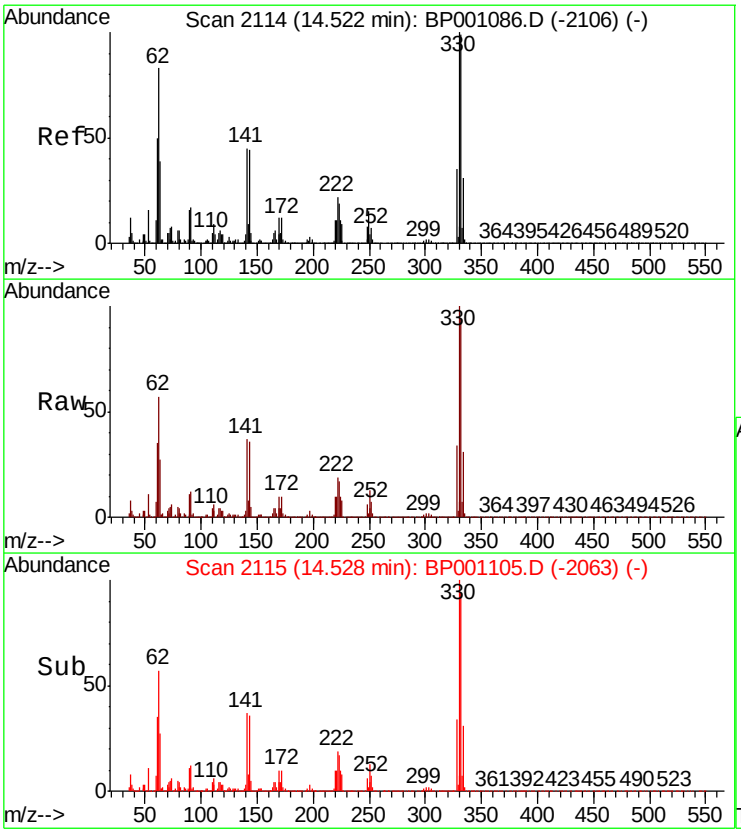
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 410653

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.6	120.8
160	46.7	35.4	53.2

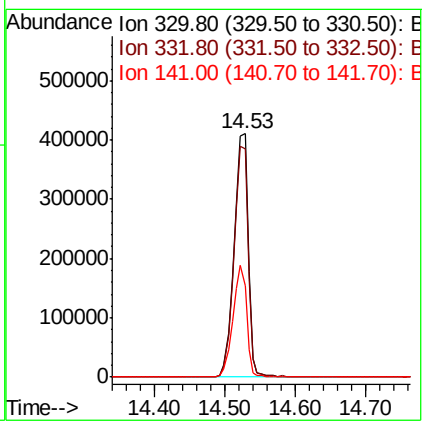


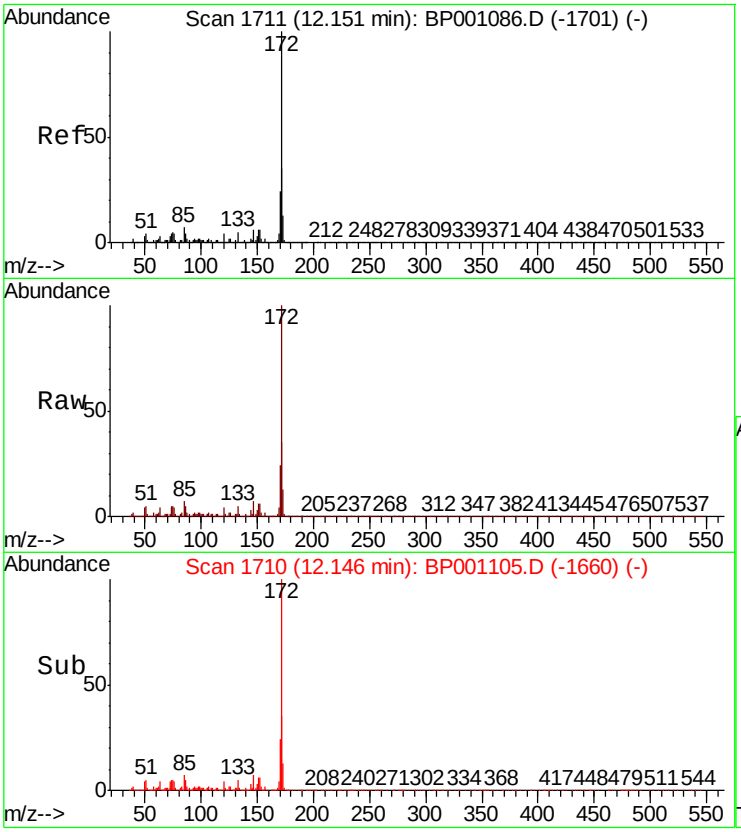


#42
2,4,6-Tribromophenol
Concen: 145.446 ng
RT: 14.53 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

Tgt Ion:330 Resp: 572490

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.6	116.4
141	44.0	34.2	51.2



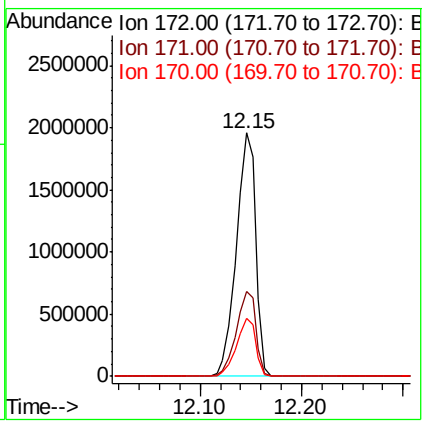


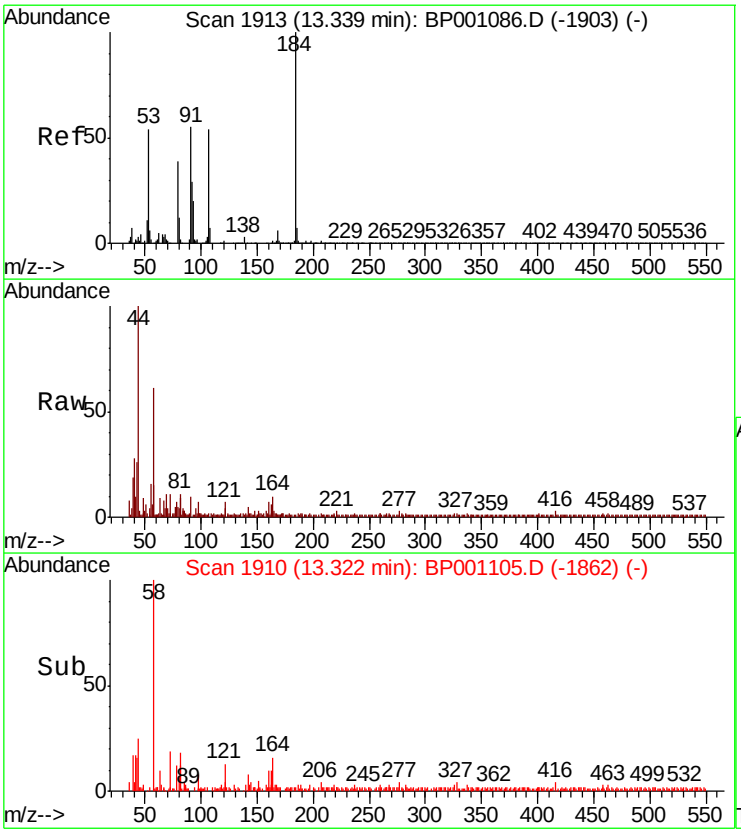
#45
2-Fluorobiphenyl
Concen: 92.476 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 2594725

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	24.0	19.0	28.4

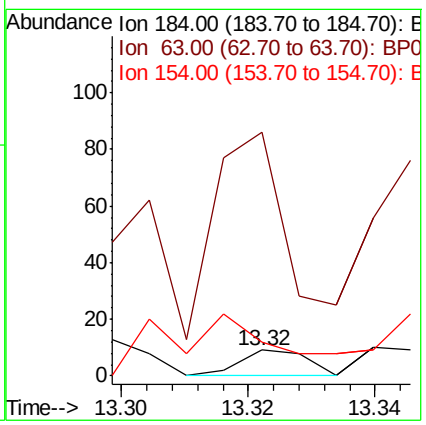


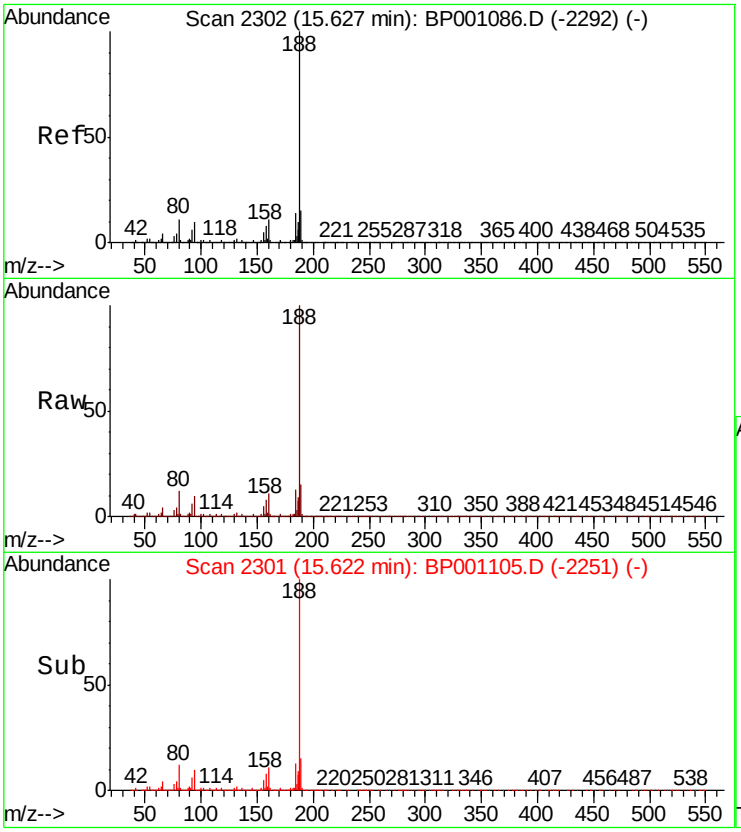


#54
2,4-Dinitrophenol
Concen: 7.111 ng
RT: 13.32 min Scan# 1910
Delta R.T. -0.02 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

Tgt Ion:184 Resp: 7

Ion	Ratio	Lower	Upper
184	100		
63	955.6	60.7	91.1#
154	133.3	56.2	84.2#



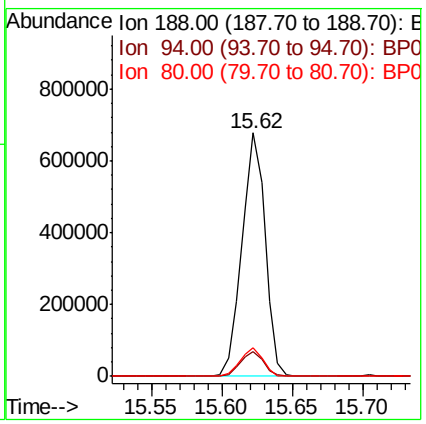


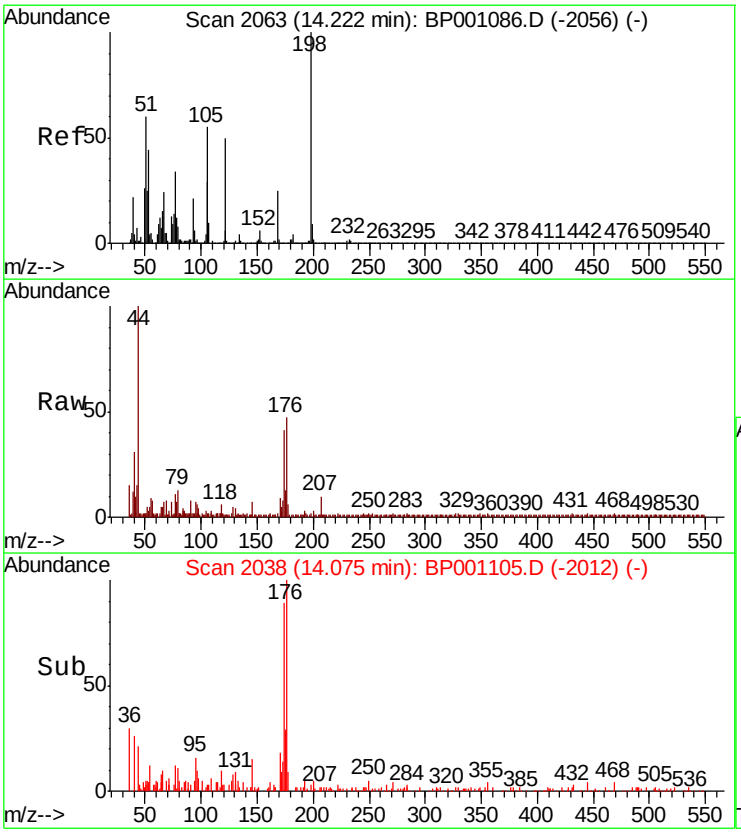
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 779414

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.9	11.9
80	11.6	8.8	13.2

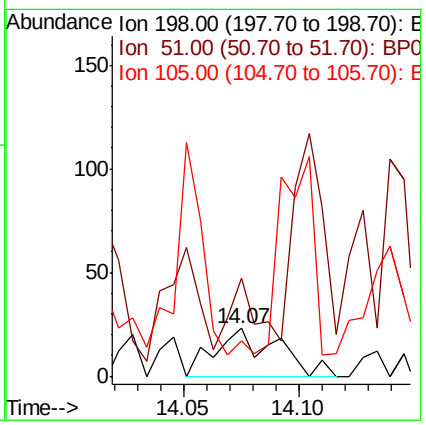


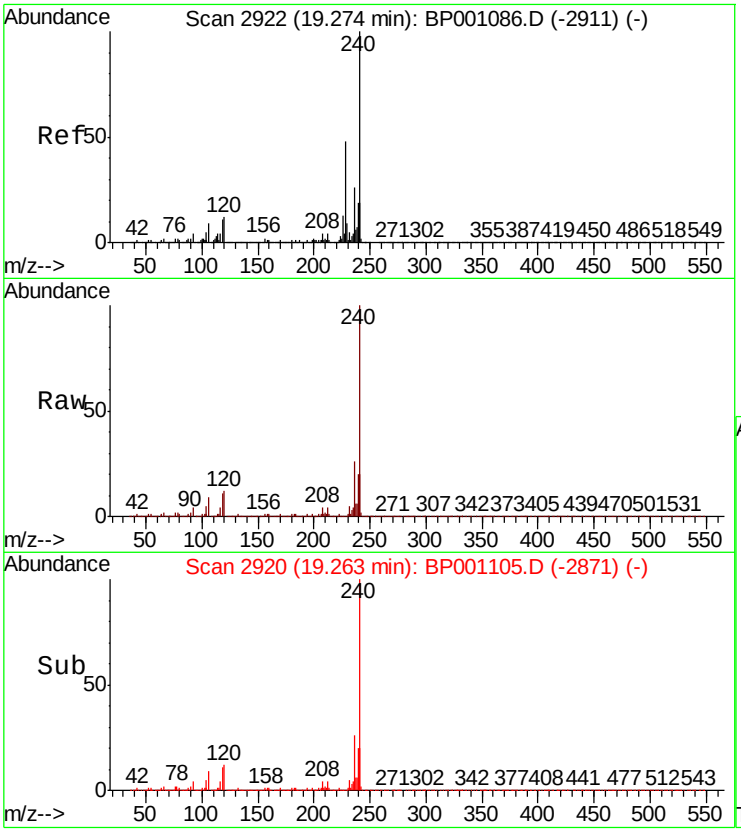


#65
4,6-Dinitro-2-methylphenol
Concen: 6.288 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.15 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

Tgt Ion:198 Resp: 43

Ion	Ratio	Lower	Upper
198	100		
51	204.3	40.5	80.5#
105	73.9	35.7	75.7



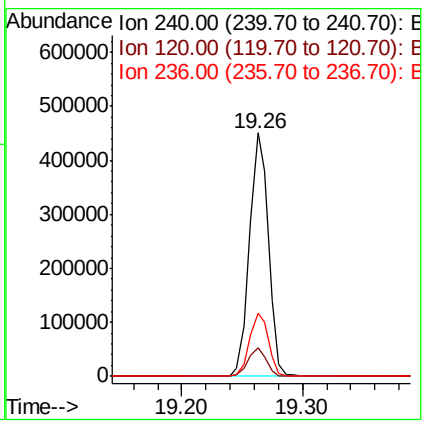


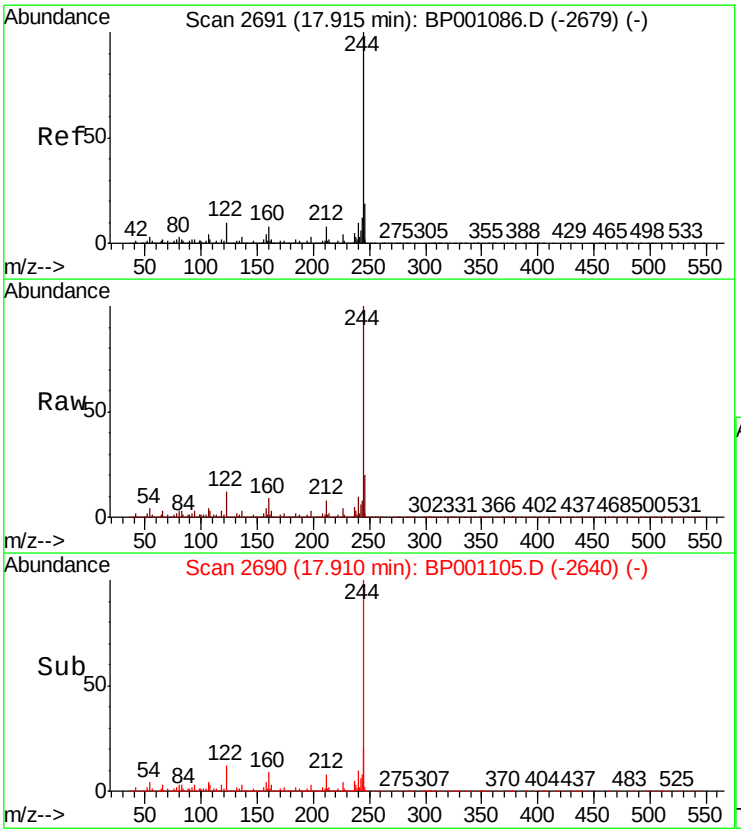
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.26 min Scan# 2920
Delta R.T. -0.01 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 495362

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.1	20.4	30.6

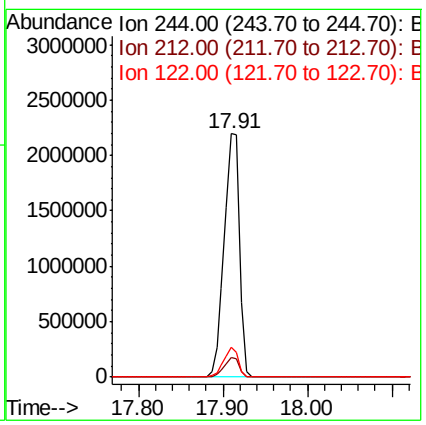


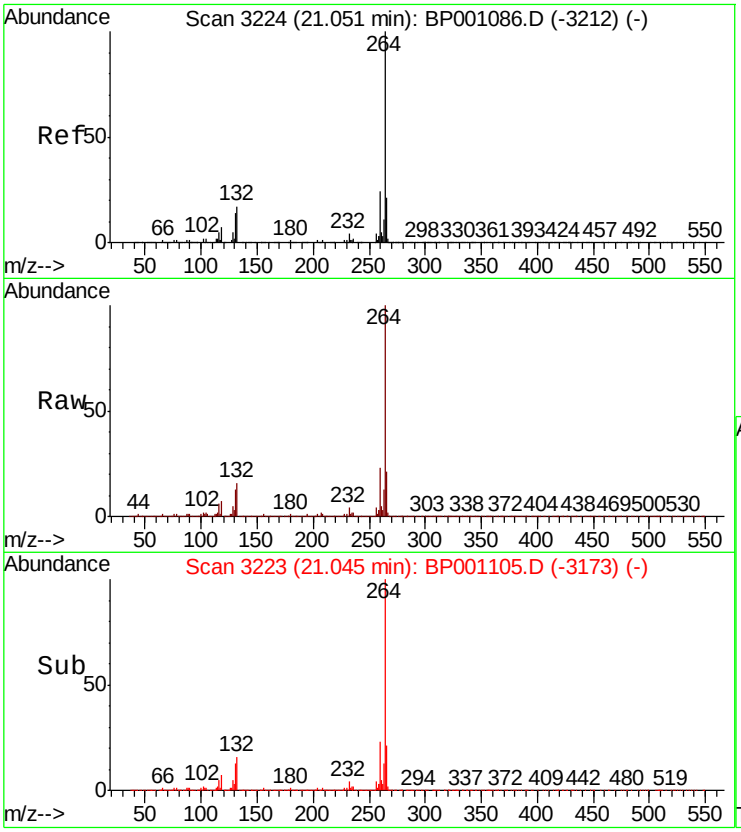


#79
Terphenyl-d14
Concen: 103.003 ng
RT: 17.91 min Scan# 2690
Delta R.T. -0.01 min
Lab File: BP001105.D
Acq: 28 Nov 2019 03:35

Tgt Ion:244 Resp: 2757898

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	12.2	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: BP001105.D
Acq: 28 Nov 2019 03:35

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 515016

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.4	16.9	25.3