Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE120914\
Data File : BE089187.D
Acq On : 9 Dec 2014 11:02
Operator : TP/JJ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDCCC001

Quant Time: Dec 10 00:35:11 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-ACID-BE120814.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 09 19:38:28 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	32032	5.00	ng		0.00
8) Naphthalene-d8	8.51	136	123336	5.00	ng		0.00
13) Acenaphthene-d10	10.66	164	59879	5.00	ng		0.00
19) Phenanthrene-d10	12.72	188	86284	5.00	ng		0.00
22) Chrysene-d12	18.07	240	58883	5.00	ng		0.00
23) Perylene-d12	21.12	264	52947	5.00	ng		0.00
System Monitoring Compounds							
2) 2-Fluorophenol	5.27	112	8565	1.04	ng		0.00
3) Phenol-d6	6.56	99	11413	1.05	ng		0.00
14) 2,4,6-Tribromophenol	11.67	330	2039	1.04	ng		0.00
Target Compounds							Qvalue
4) 2-Chlorophenol	6.69	128	9402	1.05	ng		98
5) Phenol	6.57	94	13727	1.06	ng		81
6) 2-Methylphenol	7.31	107	10822	1.05	ng	#	78
7) 3+4-Methylphenols	7.51	107	9358	1.07	ng	#	87
9) 2-Nitrophenol	8.06	139	4418	1.01	ng	#	90
10) 2,4-Dimethylphenol	8.15	122	7902	1.03	ng		91
11) 2,4-Dichlorophenol	8.37	162	6938	1.03	ng		96
12) 4-Chloro-3-methylphenol	9.25	107	7221	1.03	ng	#	90
15) 2,4,6-Trichlorophenol	9.75	196	4178	1.03	ng	#	51
16) 2,4,5-Trichlorophenol	9.81	196	4719	1.04	ng	#	73
17) 2,4-Dinitrophenol	10.79	184	962	0.98	ng		85
18) 4-Nitrophenol	10.91	139	9989	1.08	ng	#	28
20) 4,6-Dinitro-2-methylphenol	11.45	198	1515	0.94	ng		94
21) Pentachlorophenol	12.44	266	1231	0.94	ng		97

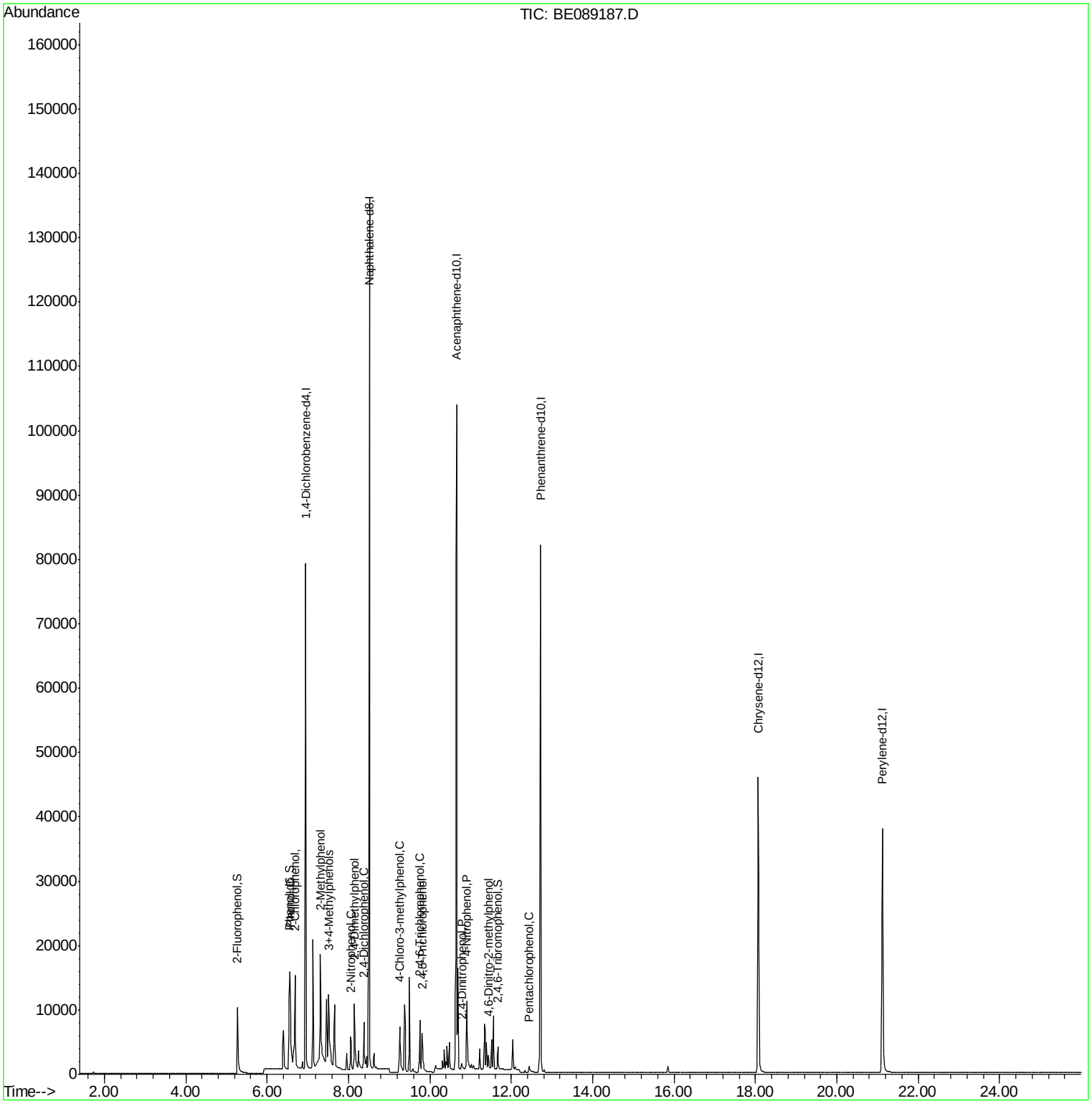
(#) = qualifier out of range (m) = manual integration (+) = signals summed

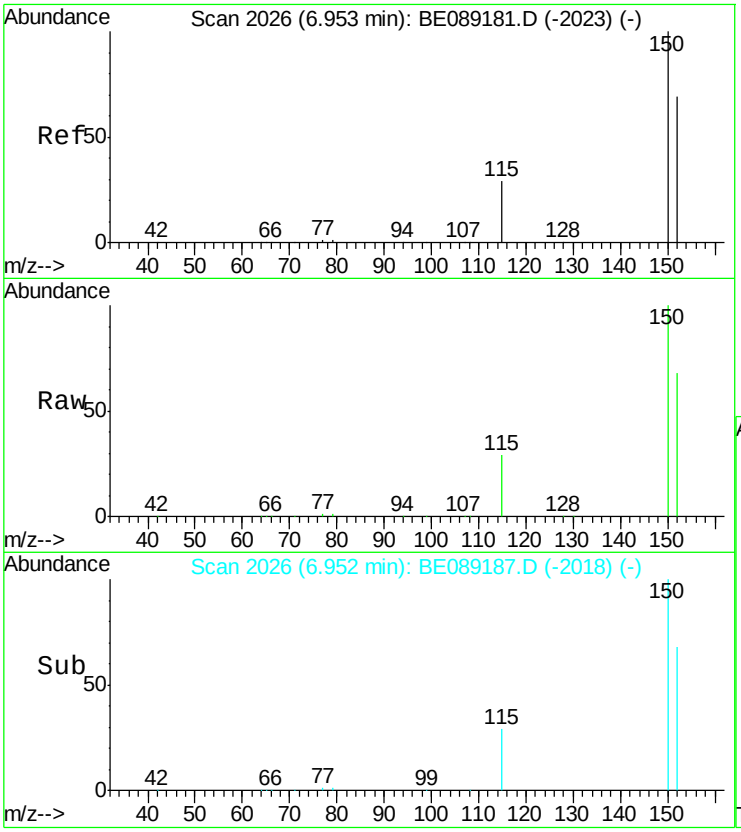
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE120914\
Data File : BE089187.D
Acq On : 9 Dec 2014 11:02
Operator : TP/JJ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Quant Time: Dec 10 00:35:11 2014
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-ACID-BE120814.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 09 19:38:28 2014
Response via : Initial Calibration



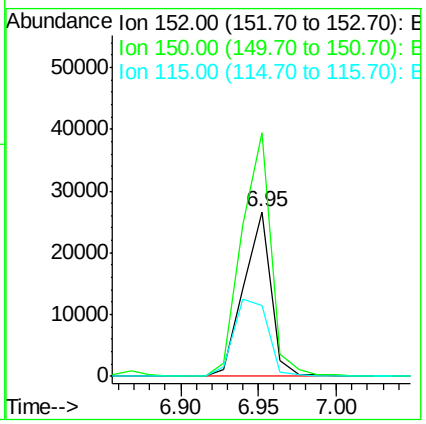


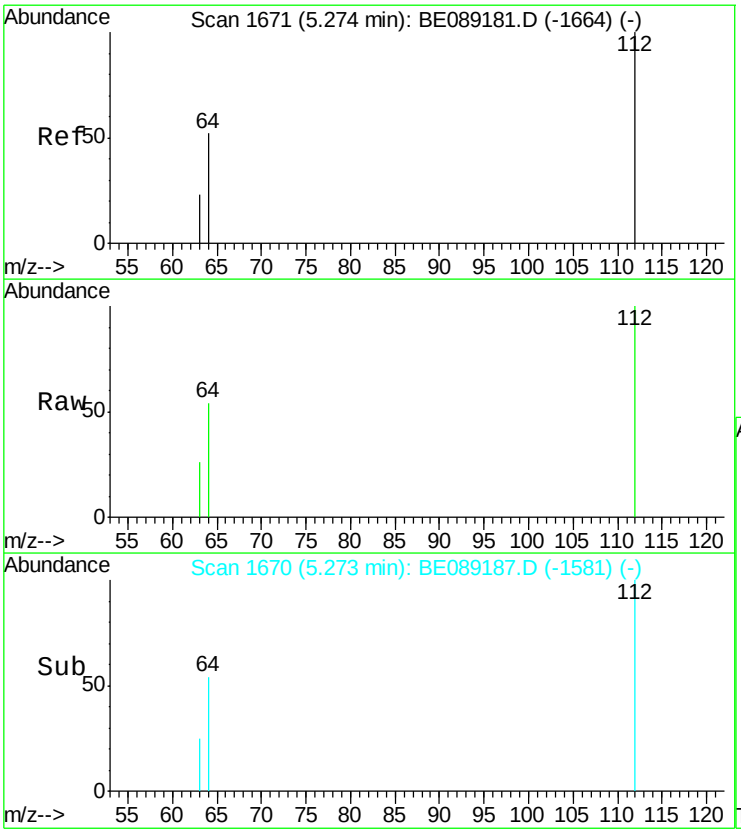
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.95 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BE089187.D
Acq: 9 Dec 2014 11:02

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 32032

Ion	Ratio	Lower	Upper
152	100		
150	147.8	125.5	188.3
115	42.9	43.1	64.7#

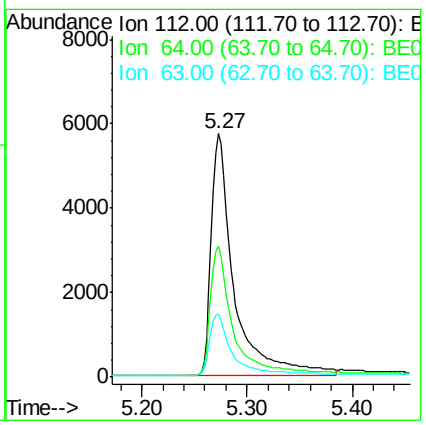


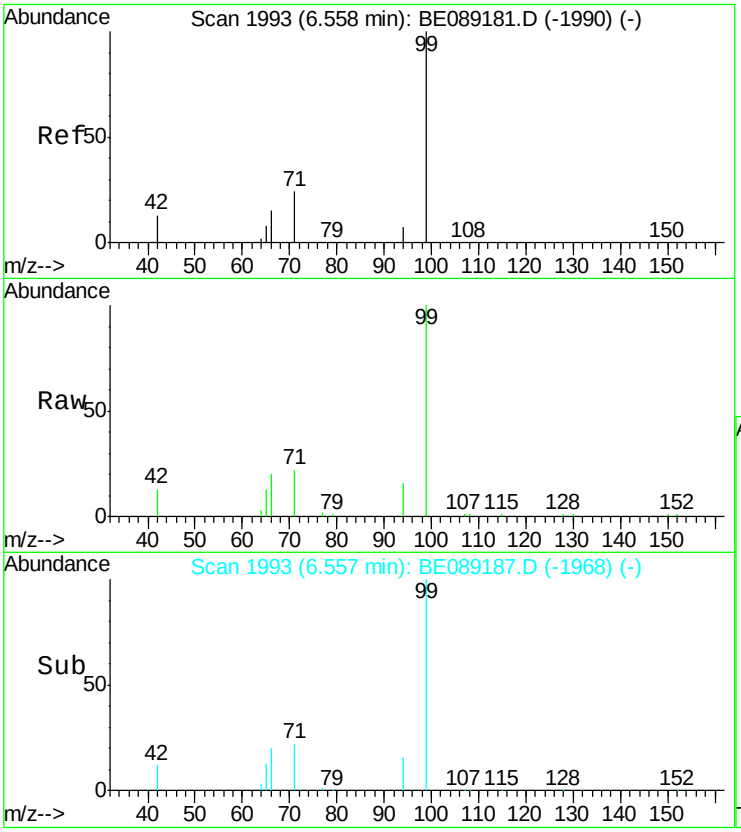


#2
2-Fluorophenol
Concen: 1.04 ng
RT: 5.27 min Scan# 1670
Delta R.T. 0.01 min
Lab File: BE089187.D
Acq: 9 Dec 2014 11:02

Tgt Ion:112 Resp: 8565

Ion	Ratio	Lower	Upper
112	100		
64	54.0	43.2	64.8
63	26.0	19.8	29.6



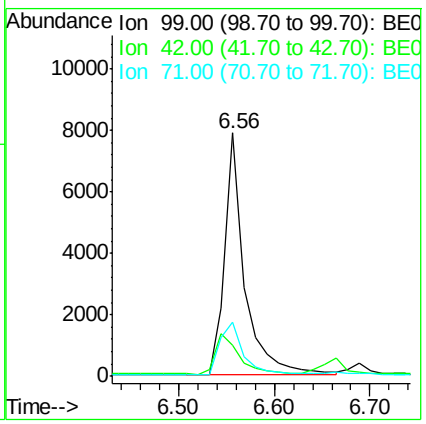


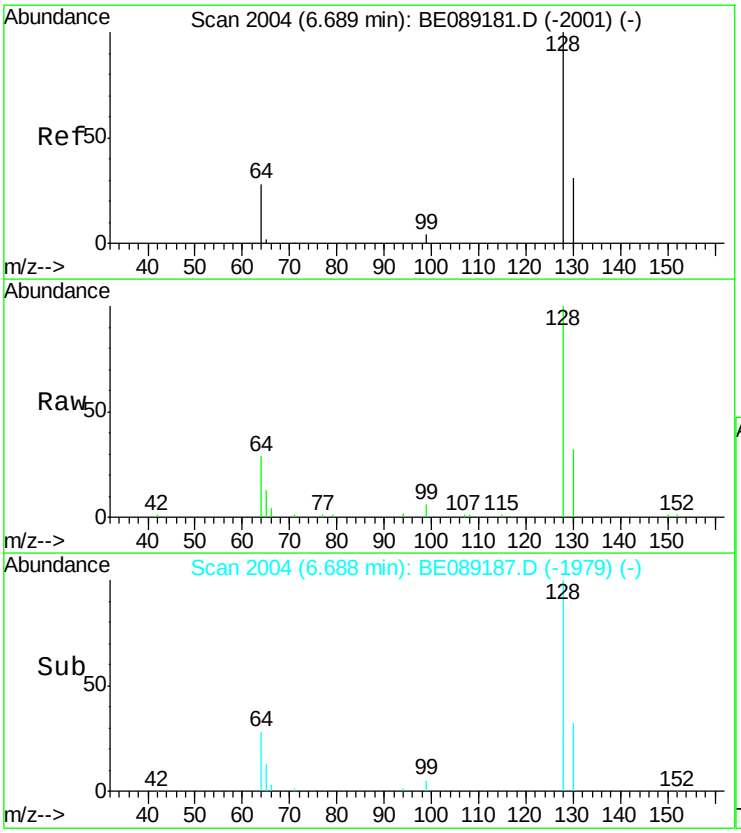
#3
Phenol-d6
Concen: 1.05 ng
RT: 6.56 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BE089187.D
Acq: 9 Dec 2014 11:02

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion: 99 Resp: 11413

Ion	Ratio	Lower	Upper
99	100		
42	12.8	4.4	6.6#
71	22.3	11.0	16.6#

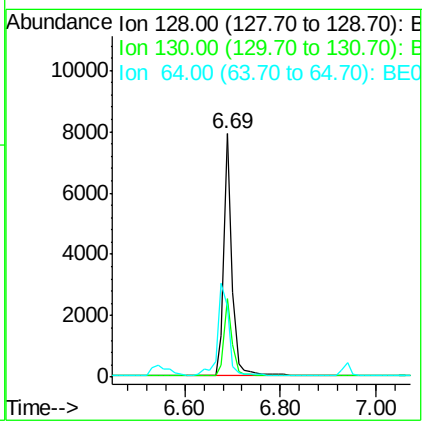


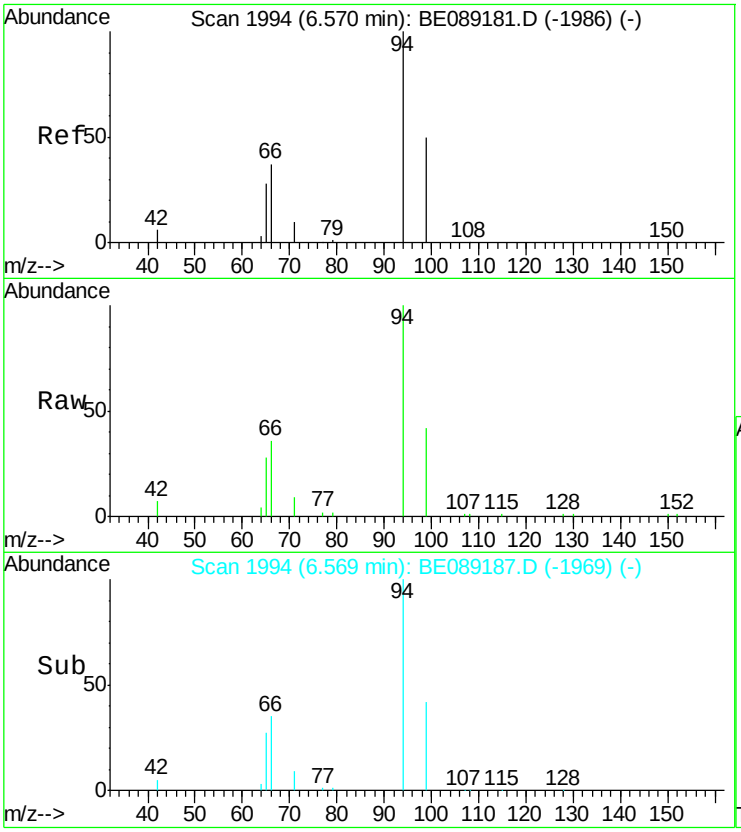


#4
2-Chlorophenol
Concen: 1.05 ng
RT: 6.69 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BE089187.D
Acq: 9 Dec 2014 11:02

Tgt Ion:128 Resp: 9402

Ion	Ratio	Lower	Upper
128	100		
130	32.1	9.8	49.8
64	29.0	8.8	48.8



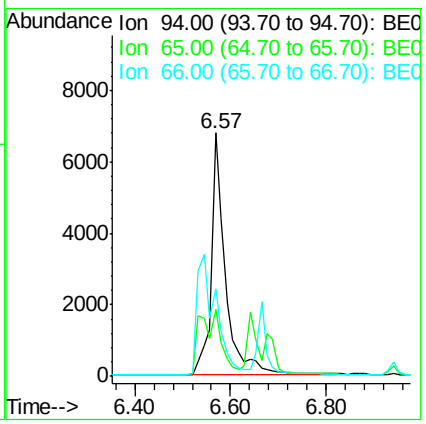


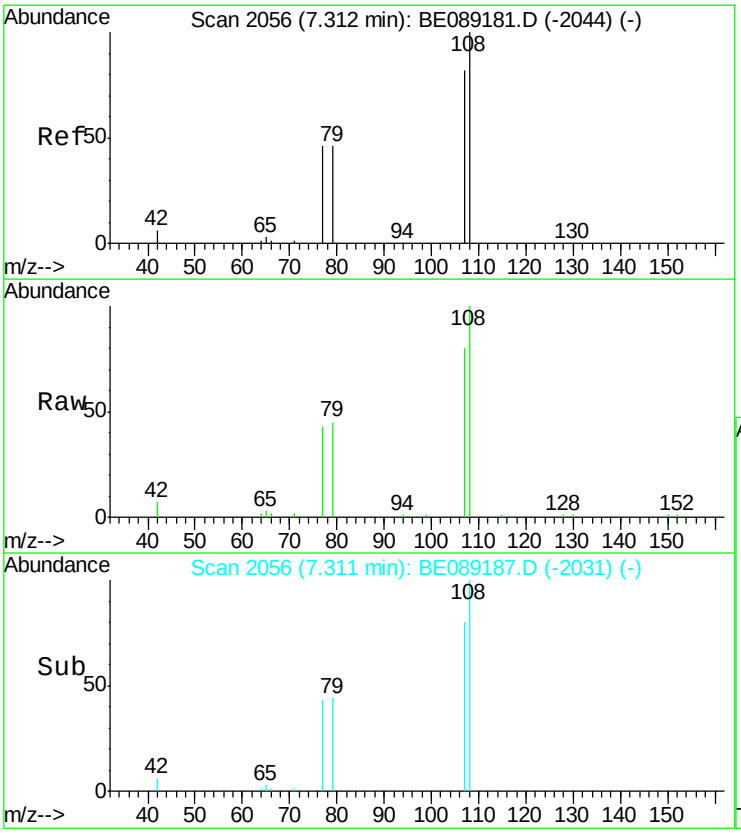
#5
Phenol
Concen: 1.06 ng
RT: 6.57 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BE089187.D
Acq: 9 Dec 2014 11:02

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion: 94 Resp: 13727

Ion	Ratio	Lower	Upper
94	100		
65	27.6	0.0	39.0
66	35.9	6.2	46.2

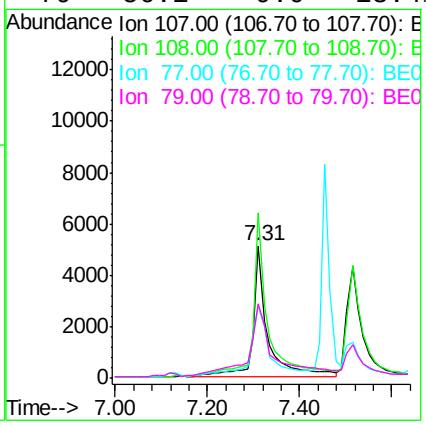


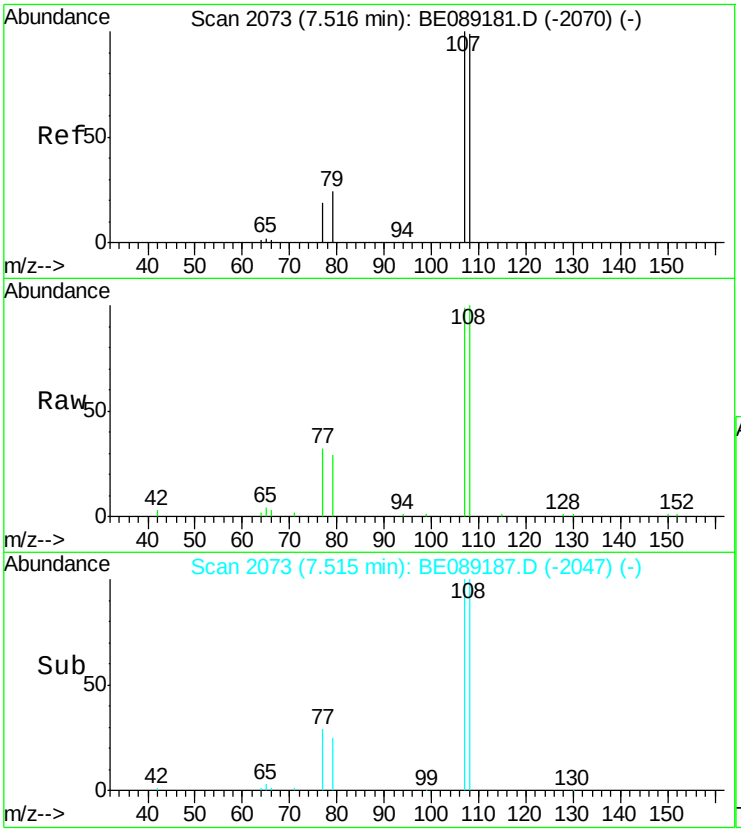


#6
2-Methylphenol
Concen: 1.05 ng
RT: 7.31 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BE089187.D
Acq: 9 Dec 2014 11:02

Tgt Ion:107 Resp: 10822

Ion	Ratio	Lower	Upper
107	100		
108	125.3	86.8	130.2
77	54.3	37.1	55.7
79	56.1	9.0	13.4#



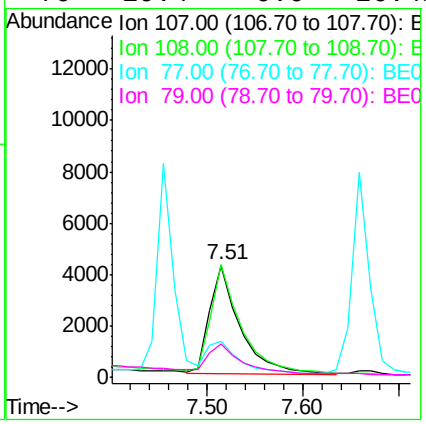


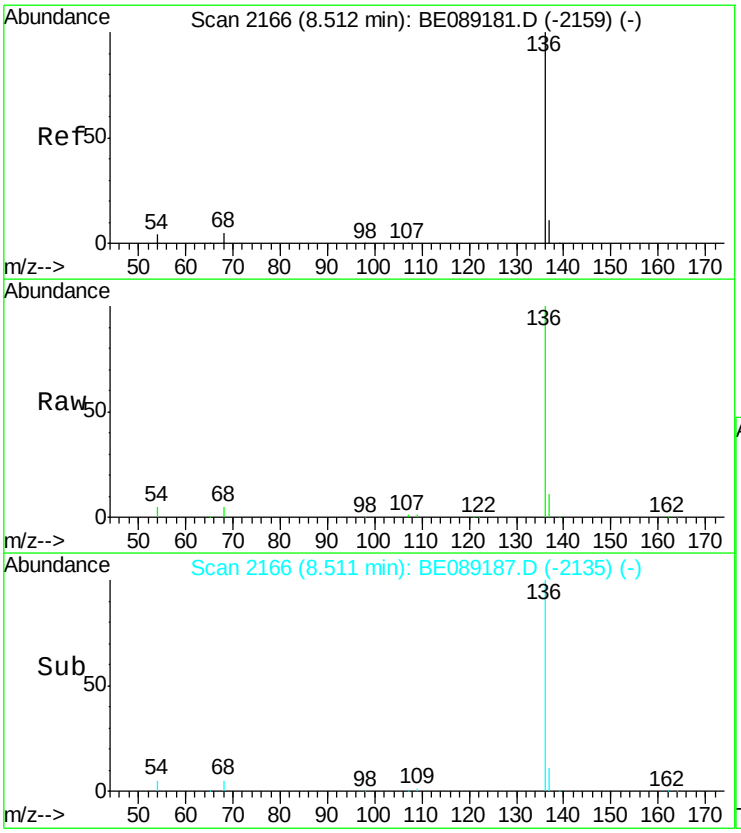
#7
3+4-Methylphenols
Concen: 1.07 ng
RT: 7.51 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BE089187.D
Acq: 9 Dec 2014 11:02

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:107 Resp: 9358

Ion	Ratio	Lower	Upper
107	100		
108	100.8	69.0	109.0
77	32.3	13.4	53.4
79	29.4	0.0	26.4#

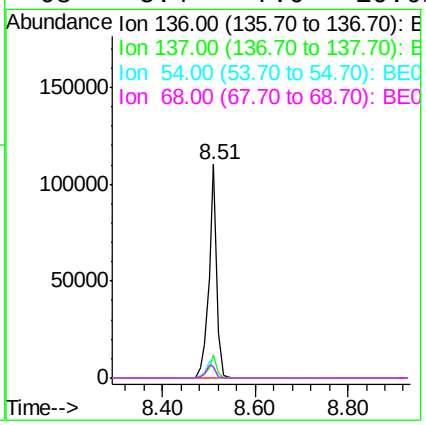


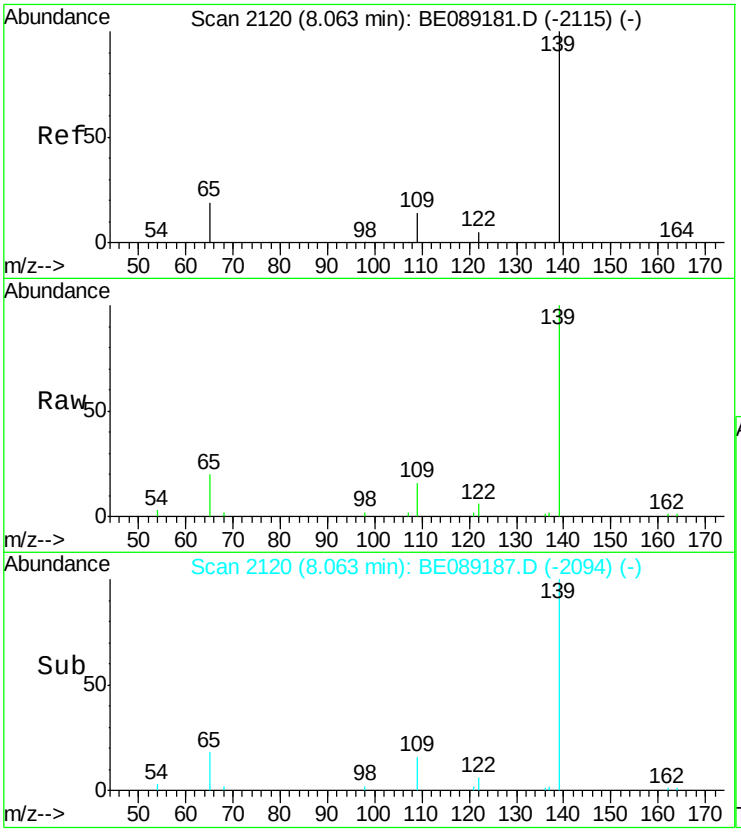


#8
Naphthalene-d8
Concen: 5.00 ng
RT: 8.51 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BE089187.D
Acq: 9 Dec 2014 11:02

Tgt Ion:136 Resp: 123336

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	4.9	7.2	10.8#
68	5.4	7.0	10.6#



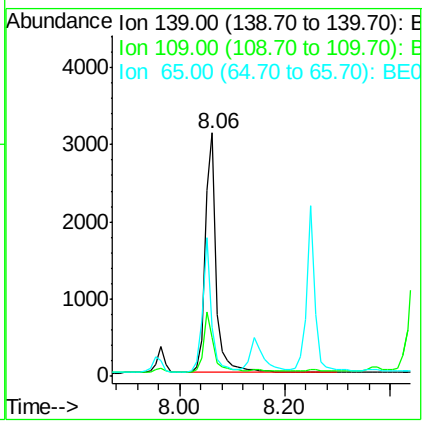


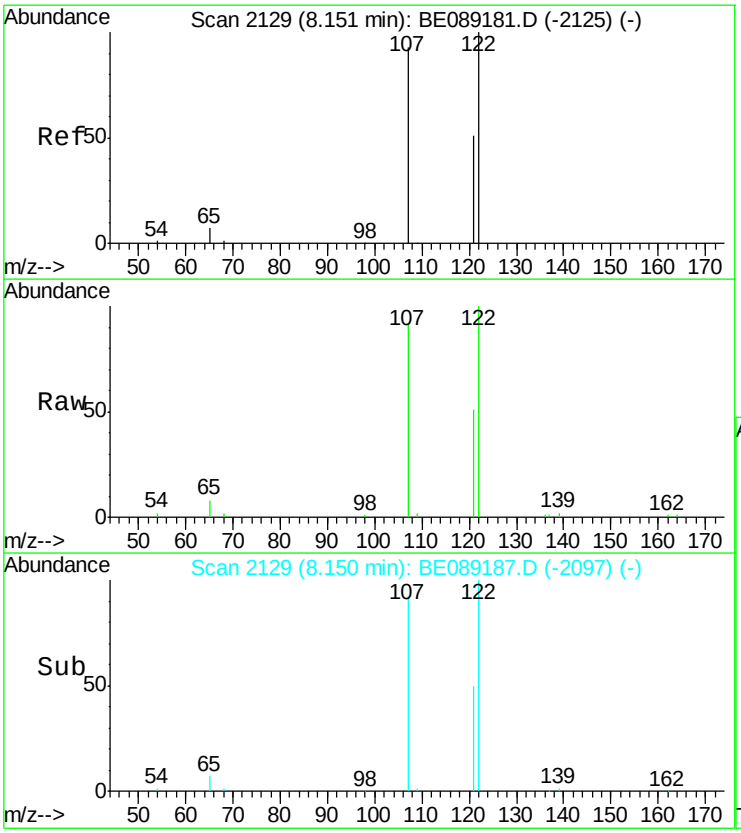
#9
2-Nitrophenol
Concen: 1.01 ng
RT: 8.06 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BE089187.D
Acq: 9 Dec 2014 11:02

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:139 Resp: 4418

Ion	Ratio	Lower	Upper
139	100		
109	16.0	15.3	22.9
65	20.2	21.2	31.8#

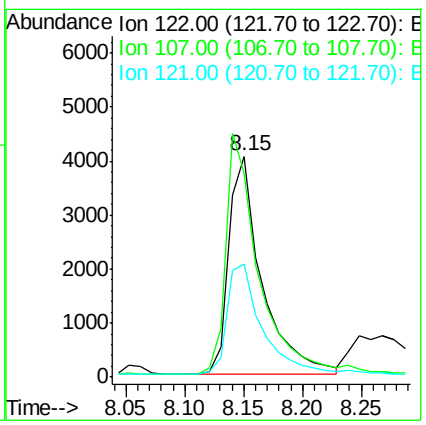


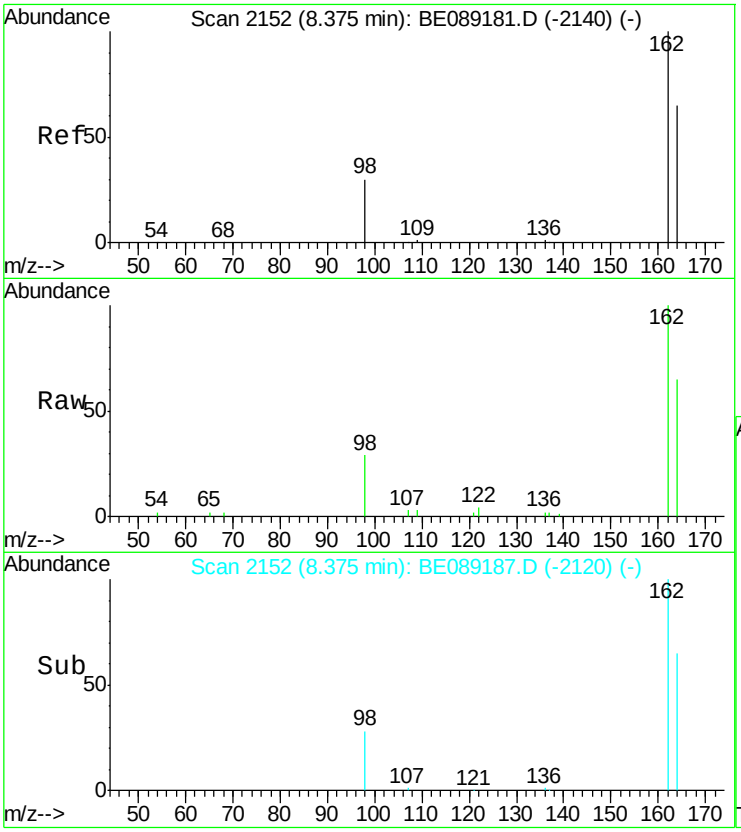


#10
2,4-Dimethylphenol
Concen: 1.03 ng
RT: 8.15 min Scan# 2129
Delta R.T. 0.01 min
Lab File: BE089187.D
Acq: 9 Dec 2014 11:02

Tgt Ion:122 Resp: 7902

Ion	Ratio	Lower	Upper
122	100		
107	92.4	64.3	96.5
121	50.9	39.5	59.3



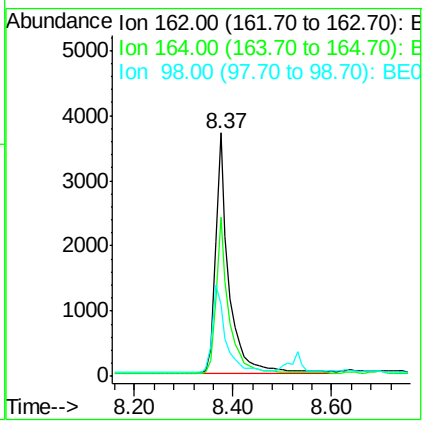


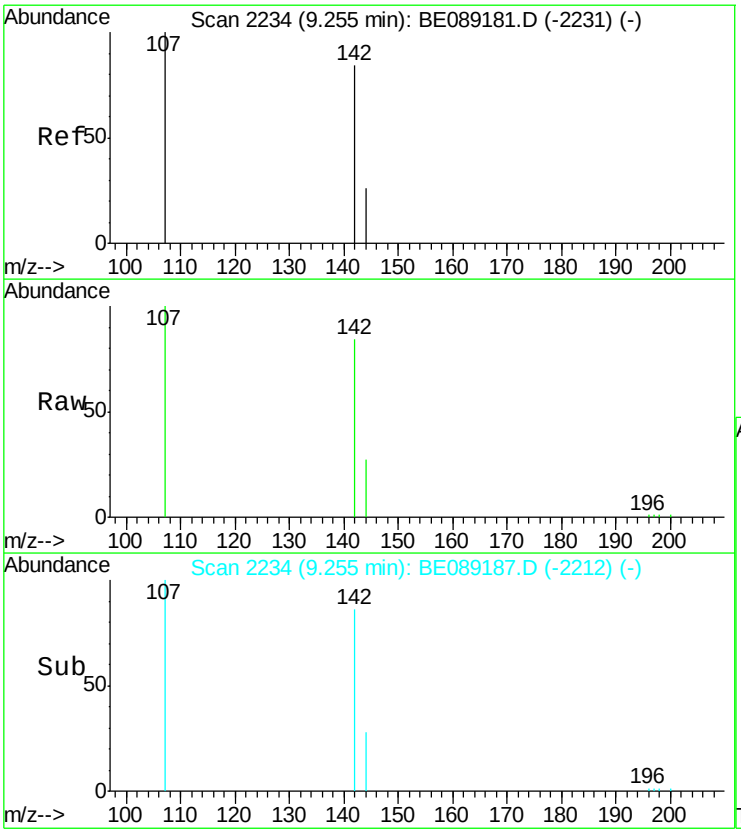
#11
2,4-Dichlorophenol
Concen: 1.03 ng
RT: 8.37 min Scan# 2152
Delta R.T. 0.01 min
Lab File: BE089187.D
Acq: 9 Dec 2014 11:02

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:162 Resp: 6938

Ion	Ratio	Lower	Upper
162	100		
164	65.2	42.5	82.5
98	29.5	6.0	46.0

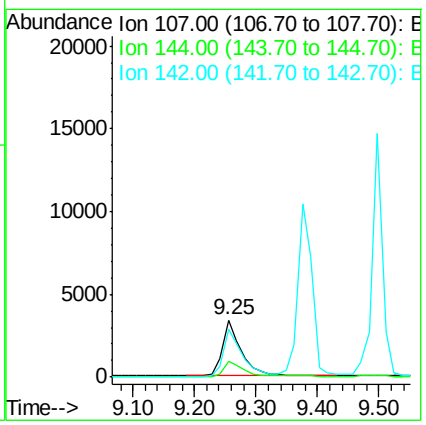


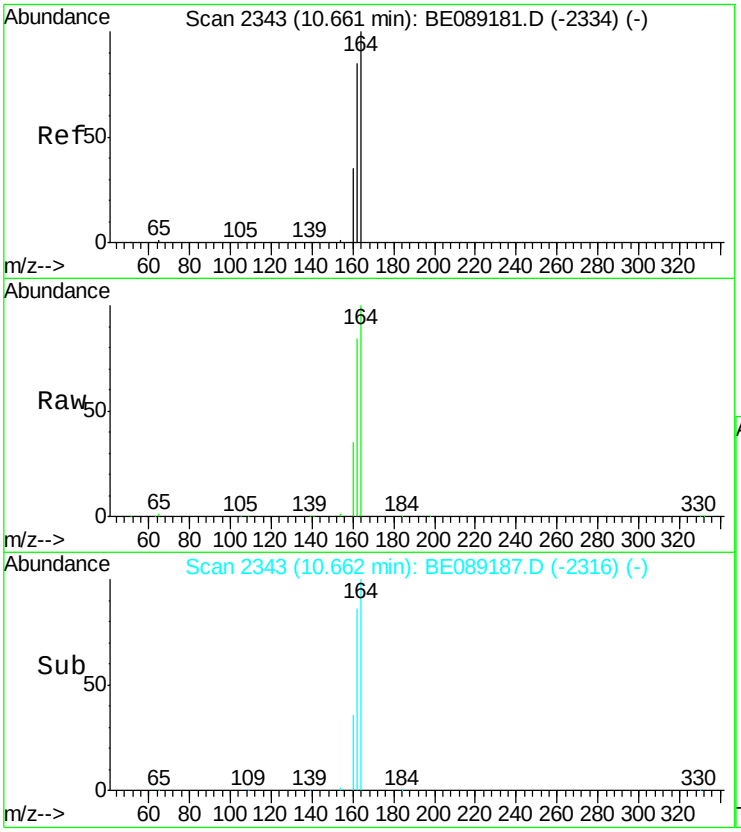


#12
4-Chloro-3-methylphenol
Concen: 1.03 ng
RT: 9.25 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BE089187.D
Acq: 9 Dec 2014 11:02

Tgt Ion:107 Resp: 7221

Ion	Ratio	Lower	Upper
107	100		
144	27.4	16.2	24.4#
142	84.1	61.4	92.0



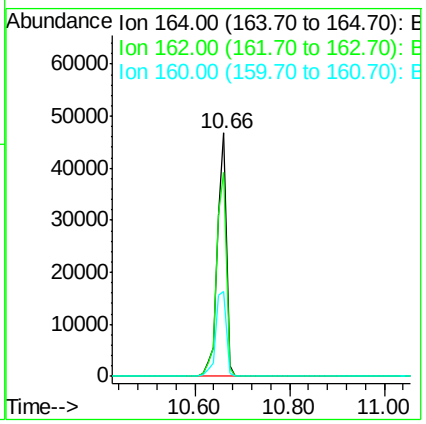


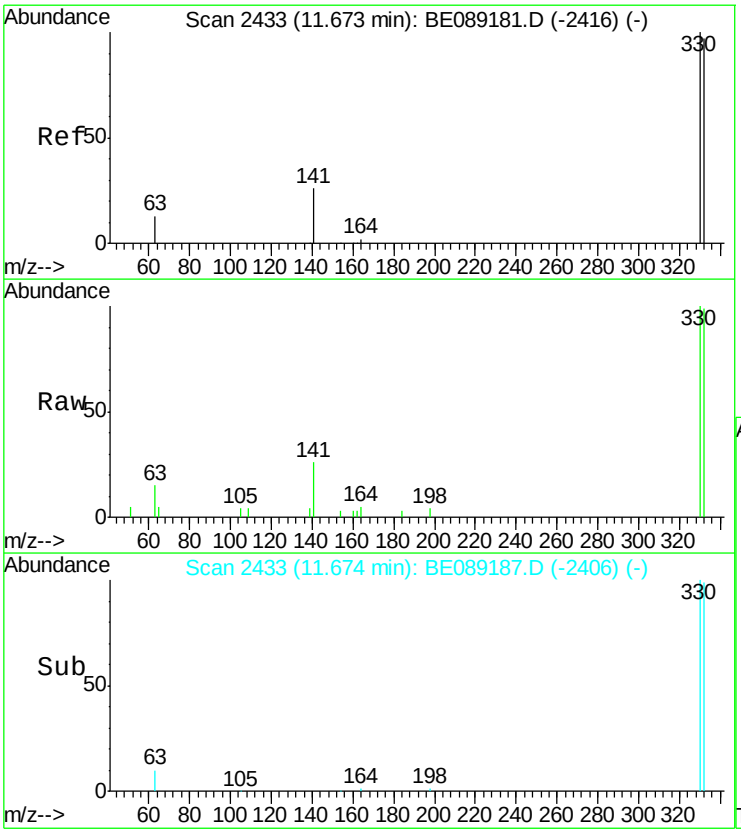
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.66 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BE089187.D
Acq: 9 Dec 2014 11:02

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:164 Resp: 59879

Ion	Ratio	Lower	Upper
164	100		
162	84.0	65.4	98.2
160	34.7	26.2	39.4

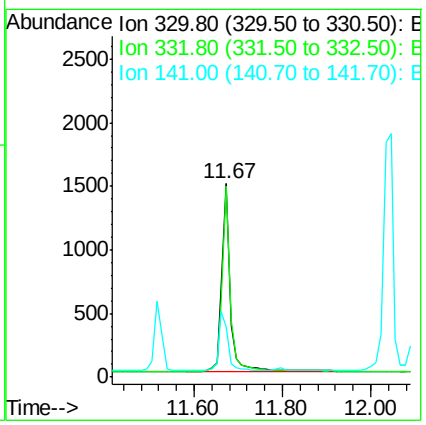


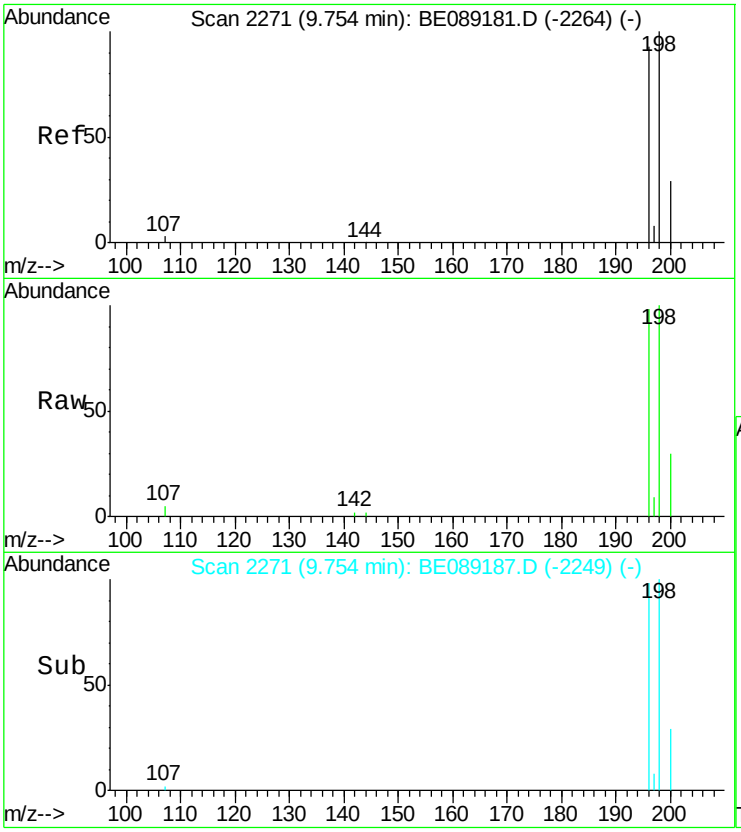


#14
2,4,6-Tribromophenol
Concen: 1.04 ng
RT: 11.67 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BE089187.D
Acq: 9 Dec 2014 11:02

Tgt Ion:330 Resp: 2039

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.6	116.4
141	33.9	23.5	35.3



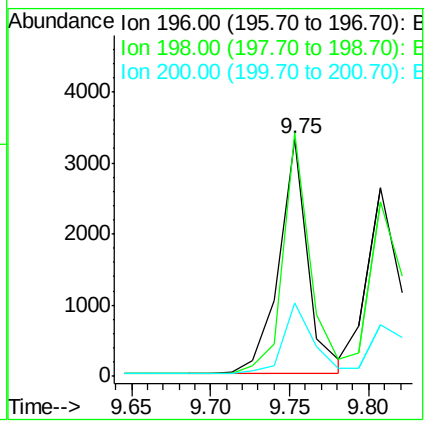


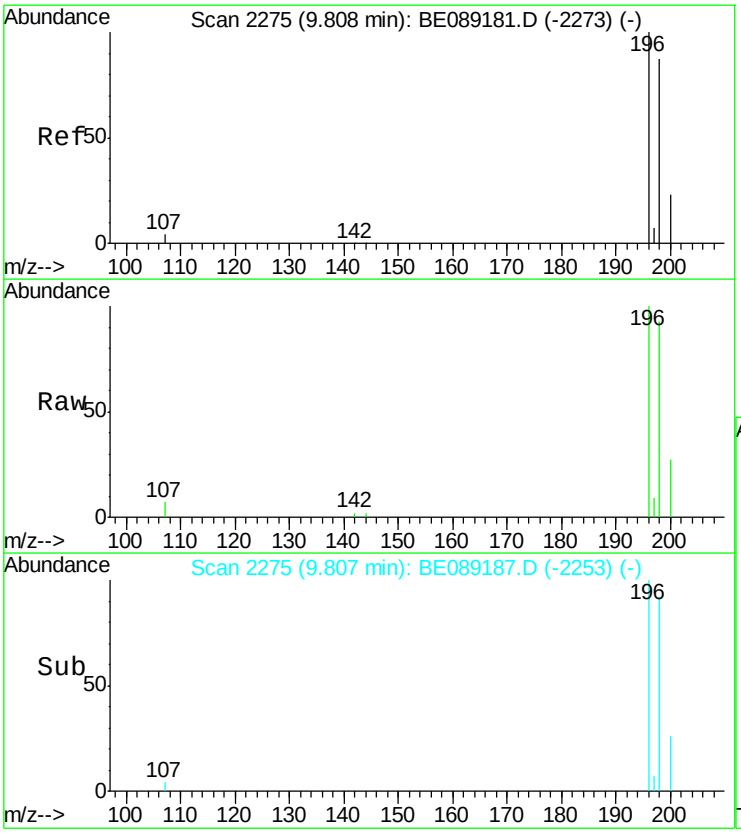
#15
2,4,6-Trichlorophenol
Concen: 1.03 ng
RT: 9.75 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BE089187.D
Acq: 9 Dec 2014 11:02

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:196 Resp: 4178

Ion	Ratio	Lower	Upper
196	100		
198	102.5	50.5	75.7#
200	31.0	11.5	17.3#

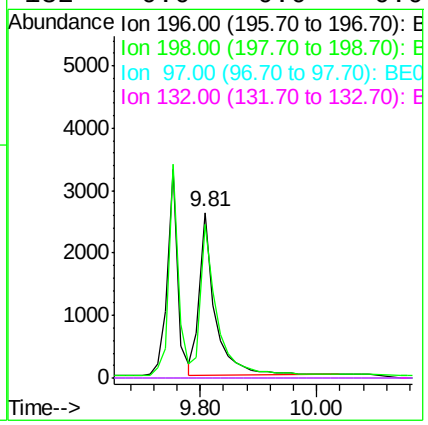


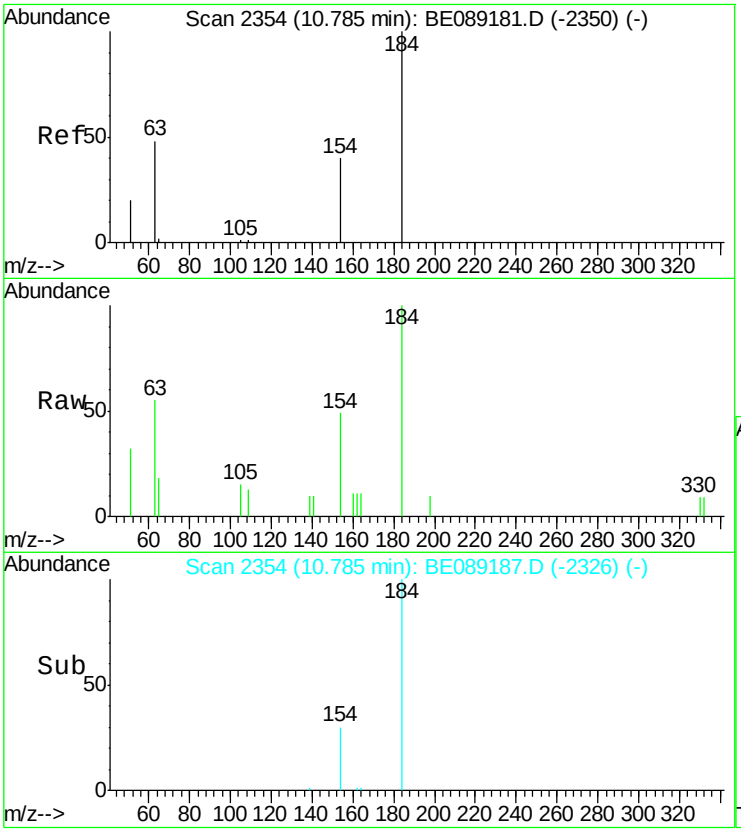


#16
2,4,5-Trichlorophenol
Concen: 1.04 ng
RT: 9.81 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE089187.D
Acq: 9 Dec 2014 11:02

Tgt Ion:196 Resp: 4719

Ion	Ratio	Lower	Upper
196	100		
198	92.5	56.1	84.1#
97	0.0	0.0	0.0
132	0.0	0.0	0.0



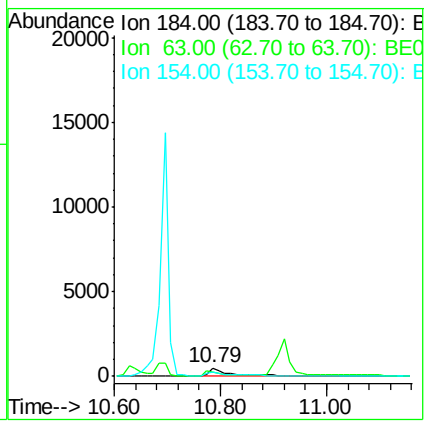


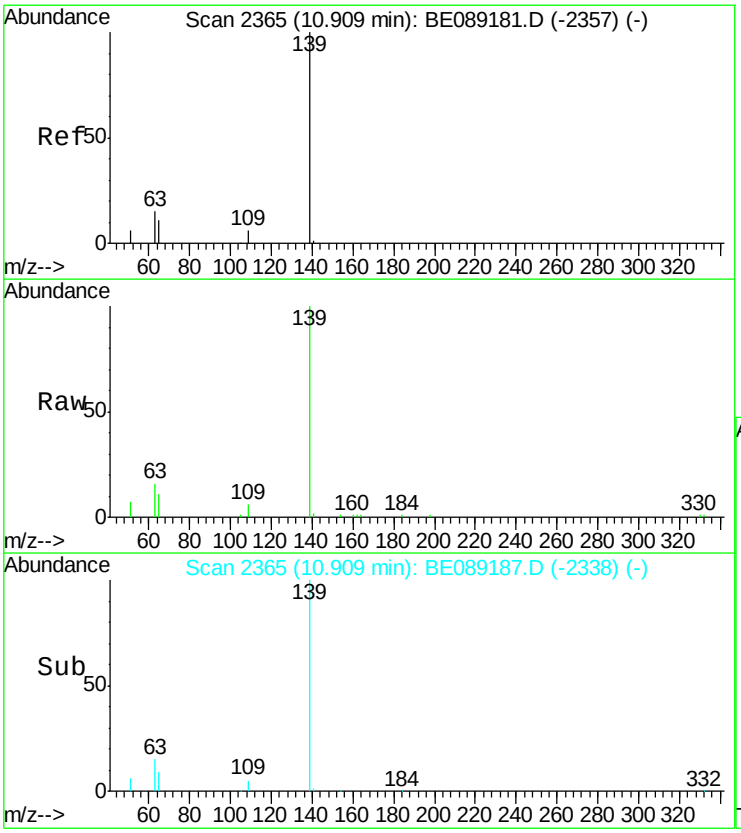
#17
2,4-Dinitrophenol
Concen: 0.98 ng
RT: 10.79 min Scan# 2354
Delta R.T. 0.01 min
Lab File: BE089187.D
Acq: 9 Dec 2014 11:02

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:184 Resp: 962

Ion	Ratio	Lower	Upper
184	100		
63	54.8	54.0	81.0
154	48.7	47.3	70.9

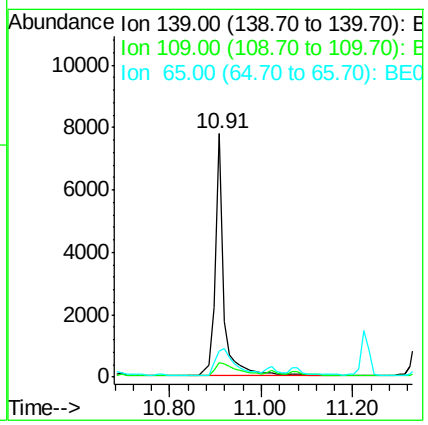


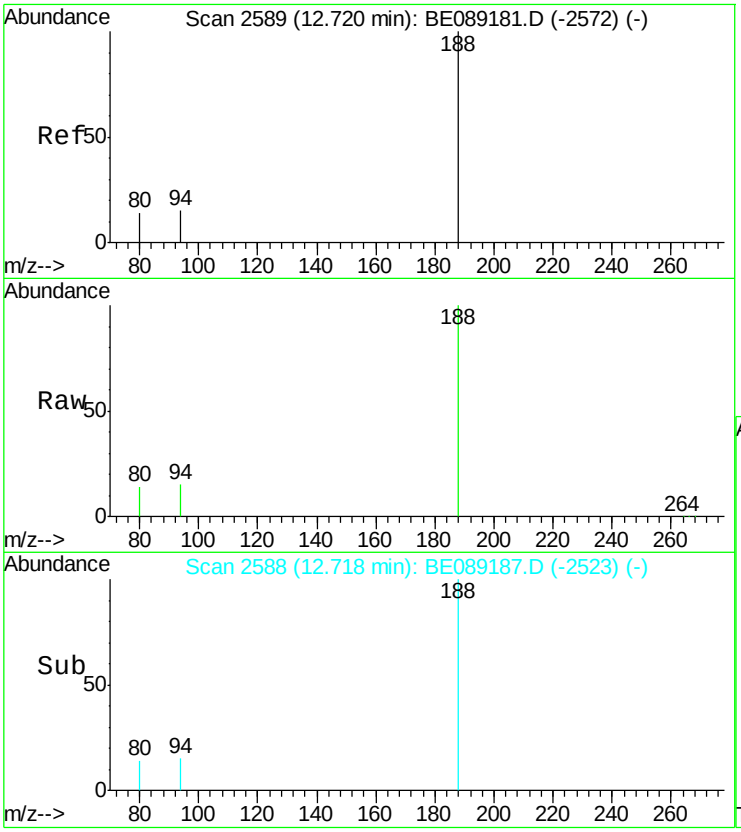


#18
4-Nitrophenol
Concen: 1.08 ng
RT: 10.91 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BE089187.D
Acq: 9 Dec 2014 11:02

Tgt Ion:139 Resp: 9989

Ion	Ratio	Lower	Upper
139	100		
109	5.9	37.4	77.4#
65	10.5	52.7	92.7#



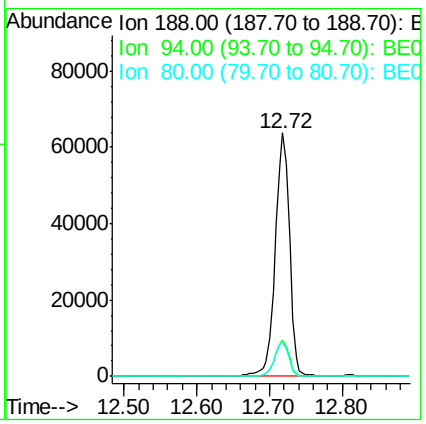


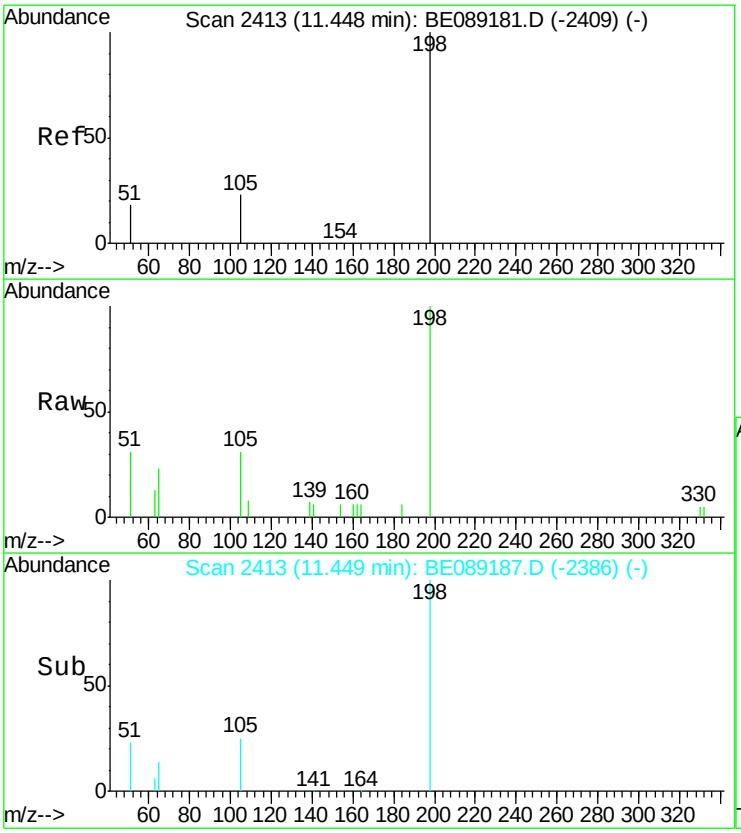
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.72 min Scan# 2588
Delta R.T. -0.00 min
Lab File: BE089187.D
Acq: 9 Dec 2014 11:02

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:188 Resp: 86284

Ion	Ratio	Lower	Upper
188	100		
94	14.7	12.7	19.1
80	14.0	11.9	17.9

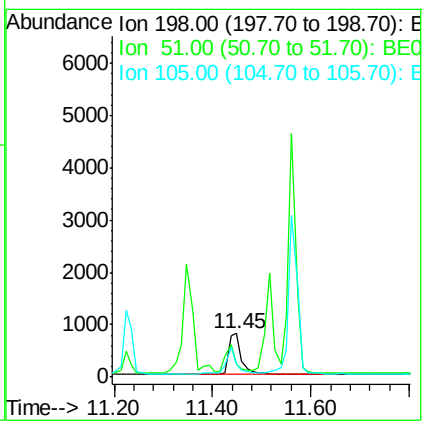


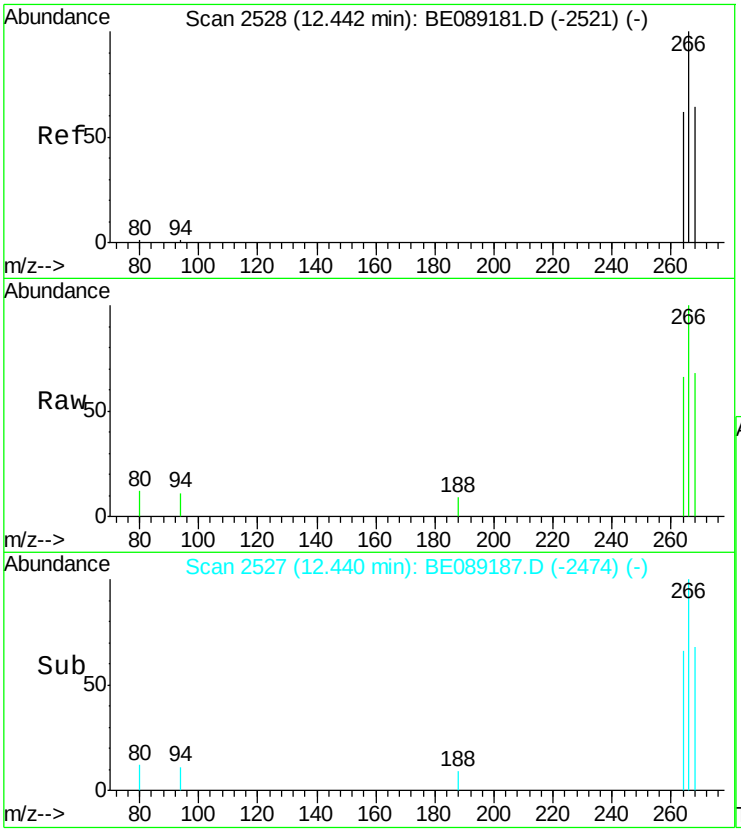


#20
4,6-Dinitro-2-methylphenol
Concen: 0.94 ng
RT: 11.45 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BE089187.D
Acq: 9 Dec 2014 11:02

Tgt Ion:198 Resp: 1515

Ion	Ratio	Lower	Upper
198	100		
51	30.9	11.2	51.2
105	30.6	4.3	44.3



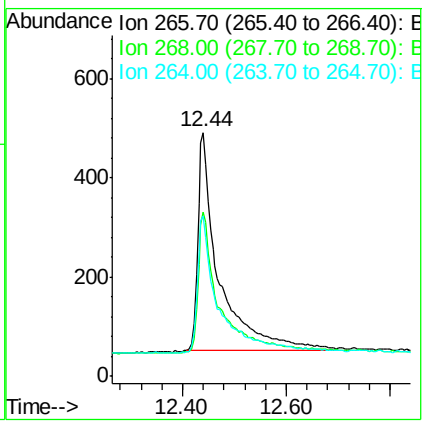


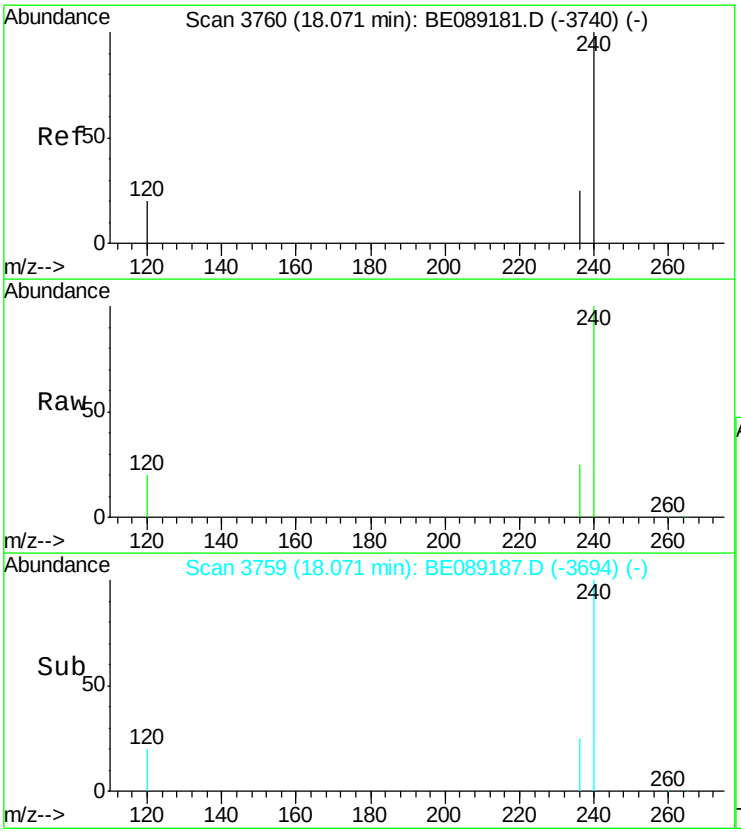
#21
Pentachlorophenol
Concen: 0.94 ng
RT: 12.44 min Scan# 2527
Delta R.T. 0.01 min
Lab File: BE089187.D
Acq: 9 Dec 2014 11:02

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:266 Resp: 1231

Ion	Ratio	Lower	Upper
266	100		
268	67.6	52.8	79.2
264	66.0	50.6	75.8

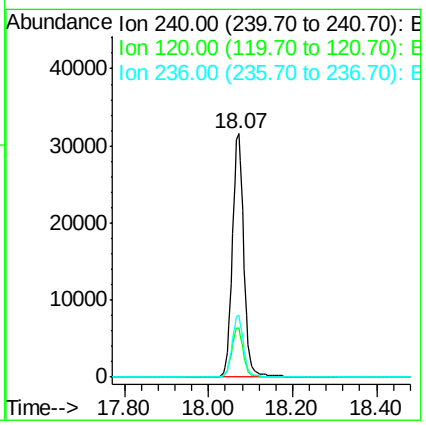


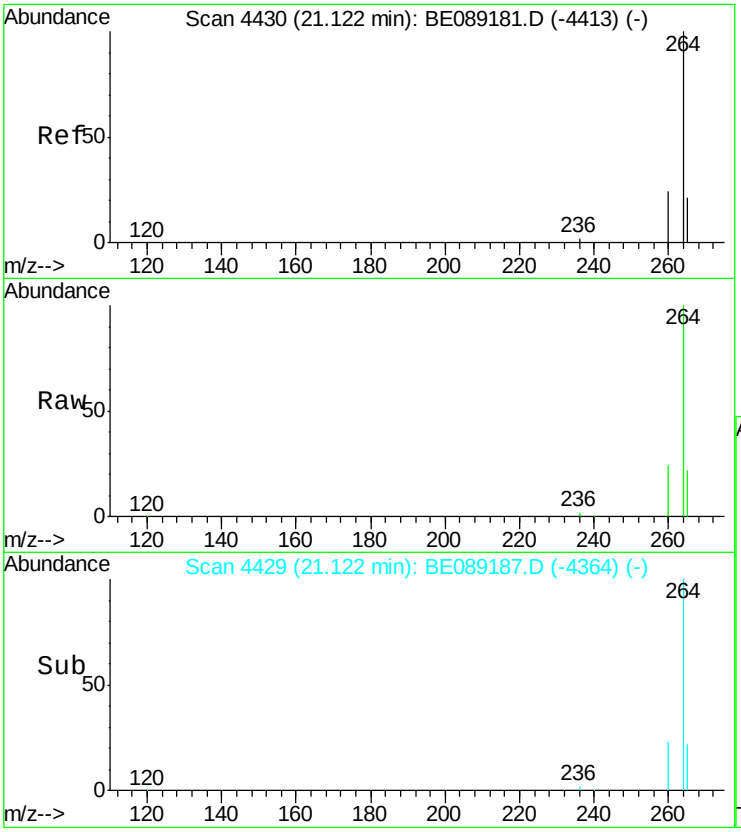


#22
Chrysene-d12
Concen: 5.00 ng
RT: 18.07 min Scan# 3759
Delta R.T. -0.00 min
Lab File: BE089187.D
Acq: 9 Dec 2014 11:02

Tgt Ion:240 Resp: 58883

Ion	Ratio	Lower	Upper
240	100		
120	20.2	17.0	25.6
236	25.5	20.2	30.4





#23
Perylene-d12
Concen: 5.00 ng
RT: 21.12 min Scan# 4429
Delta R.T. -0.00 min
Lab File: BE089187.D
Acq: 9 Dec 2014 11:02

Instrument :
BNA_E
LabSampleId :
SSTDCCC001

Tgt Ion:264 Resp: 52947

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.7	17.4	26.0