Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120814\
Data File : BE089180.D
Acq On : 8 Dec 2014 23:27
Operator : TP/JJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Manual Integrations APPROVED
mohammad
12/10/2014 4:30:25 PM

Quant Time: Dec 09 04:12:07 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 03:43:23 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	29077	5.00	ng		0.00
8) Naphthalene-d8	8.51	136	110751	5.00	ng		0.00
13) Acenaphthene-d10	10.66	164	54913	5.00	ng		0.00
19) Phenanthrene-d10	12.72	188	82253	5.00	ng		0.00
22) Chrysene-d12	18.08	240	60677	5.00	ng		0.00
23) Perylene-d12	21.12	264	54853	5.00	ng		0.00
System Monitoring Compounds							
2) 2-Fluorophenol	5.28	112	4825	0.64	ng		0.00
3) Phenol-d6	6.56	99	6760	0.70	ng		0.00
14) 2,4,6-Tribromophenol	11.67	330	1191	0.66	ng		0.00
Target Compounds							Qvalue
4) 2-Chlorophenol	6.69	128	5430	0.76	ng		89
5) Phenol	6.58	94	7936	0.76	ng		86
6) 2-Methylphenol	7.31	107	6479	0.33	ng		95
7) 3+4-Methylphenols	7.52	107	5308	0.22	ng		95
9) 2-Nitrophenol	8.06	139	2781	1.09	ng		95
10) 2,4-Dimethylphenol	8.15	122	4606	0.77	ng		97
11) 2,4-Dichlorophenol	8.38	162	4049	0.80	ng		94
12) 4-Chloro-3-methylphenol	9.25	107	4208	0.75	ng		94
15) 2,4,6-Trichlorophenol	9.75	196	2416	0.72	ng	#	82
16) 2,4,5-Trichlorophenol	9.81	196	2753m	0.78	ng		
17) 2,4-Dinitrophenol	10.80	184	476	1.36	ng	#	88
18) 4-Nitrophenol	10.91	139	5839	2.13	ng		92
20) 4,6-Dinitro-2-methylphenol	11.45	198	800	1.16	ng		88
21) Pentachlorophenol	12.44	266	634	0.66	ng		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120814\
Data File : BE089180.D
Acq On : 8 Dec 2014 23:27
Operator : TP/JJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 09 04:12:07 2014
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 09 03:43:23 2014
Response via : Initial Calibration

Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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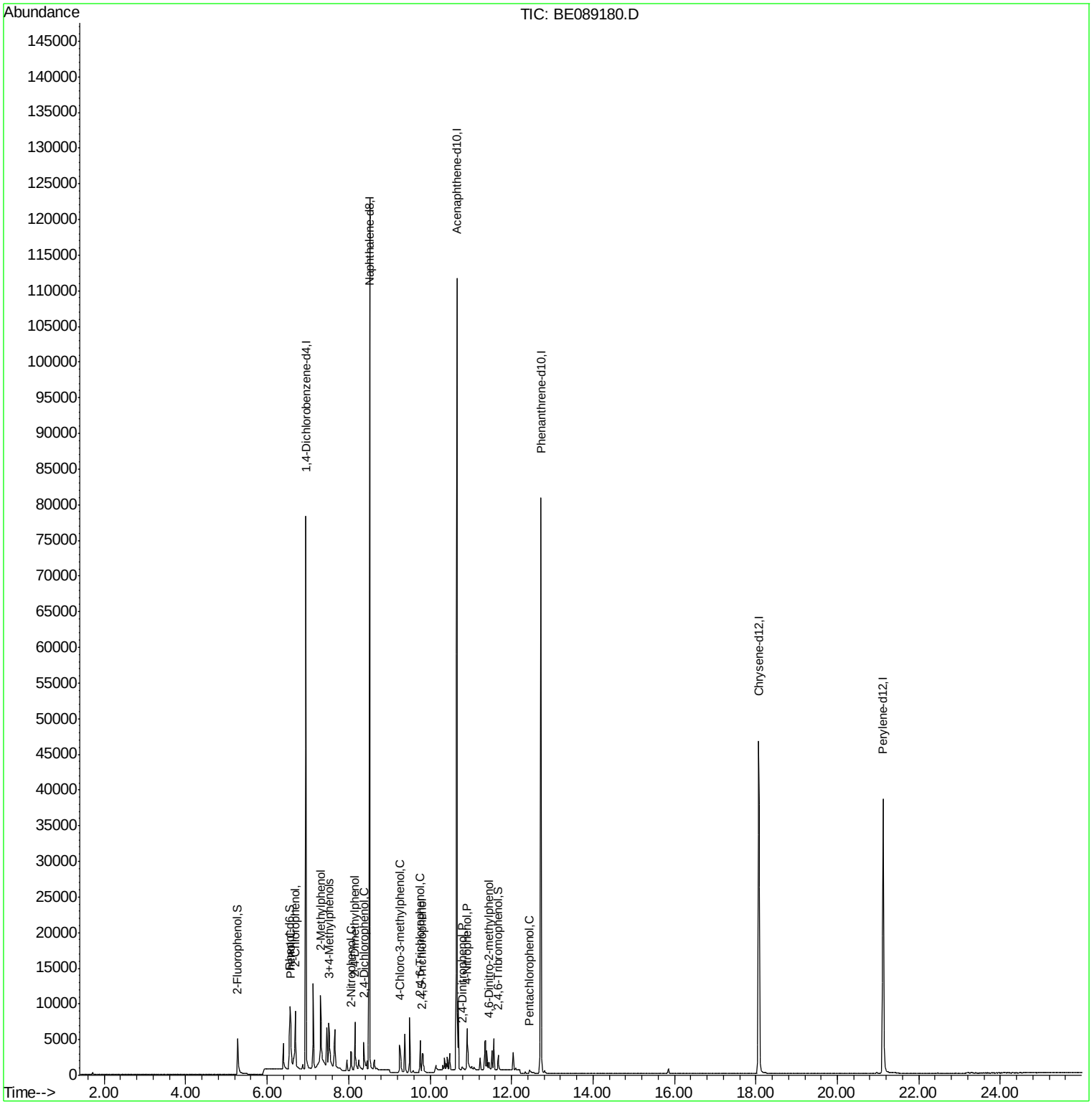
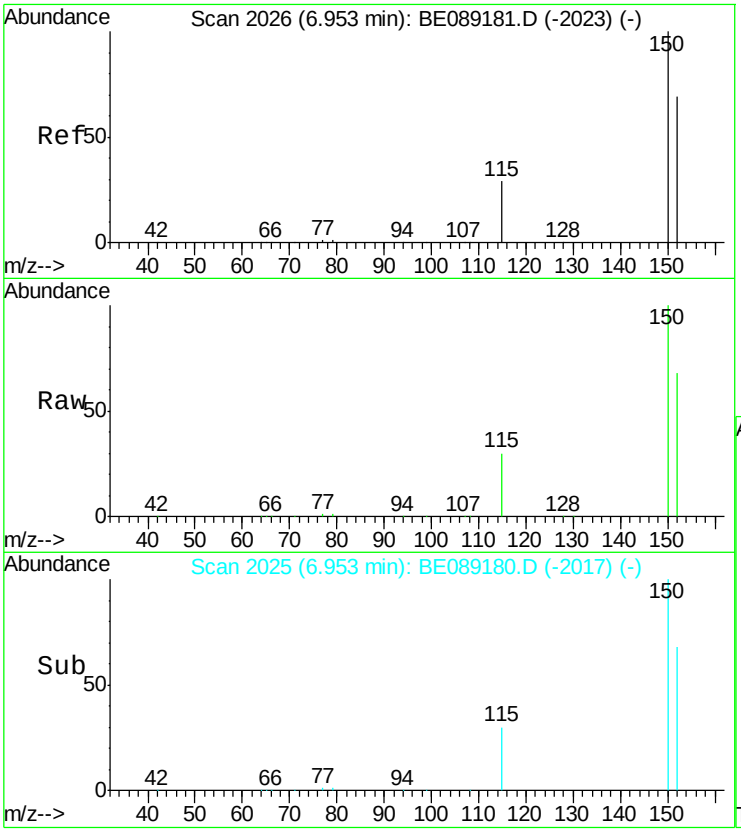
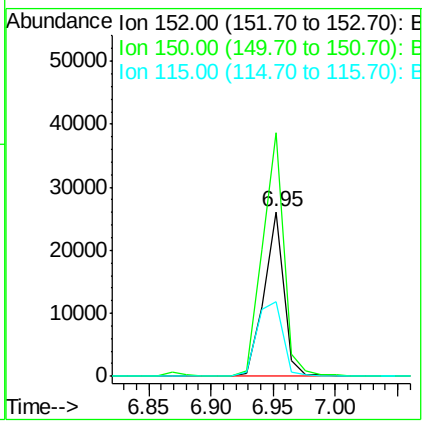




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.95 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BE089180.D
Acq: 8 Dec 2014 23:27

Tgt Ion:152 Resp: 29077

Ion	Ratio	Lower	Upper
152	100		
150	148.1	115.4	173.2
115	45.2	33.3	49.9



Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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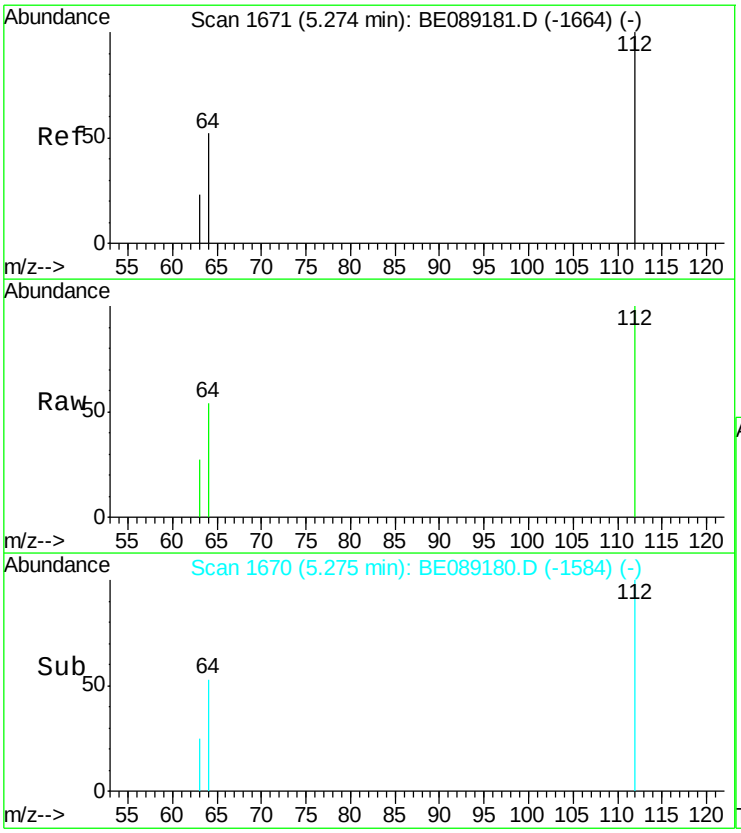
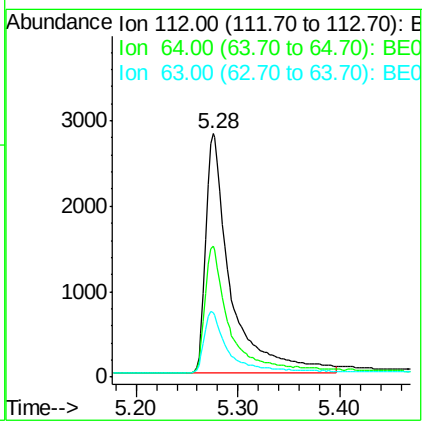
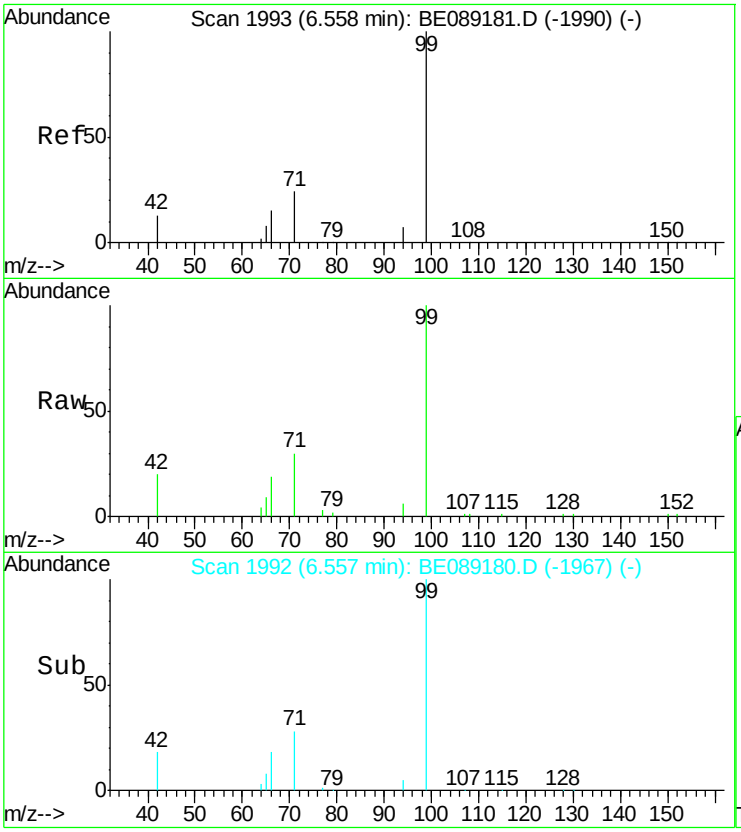


#2
2-Fluorophenol
Concen: 0.64 ng
RT: 5.28 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BE089180.D
Acq: 8 Dec 2014 23:27

Tgt Ion:112 Resp: 4825

Ion	Ratio	Lower	Upper
112	100		
64	53.9	42.3	63.5
63	26.6	20.0	30.0

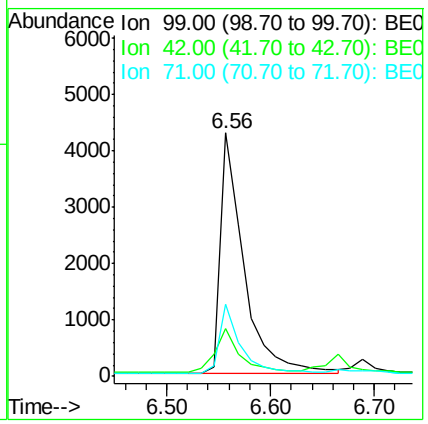




#3
Phenol-d6
Concen: 0.70 ng
RT: 6.56 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BE089180.D
Acq: 8 Dec 2014 23:27

Tgt Ion: 99 Resp: 6760

Ion	Ratio	Lower	Upper
99	100		
42	19.6	11.2	16.8#
71	29.5	19.3	28.9#



Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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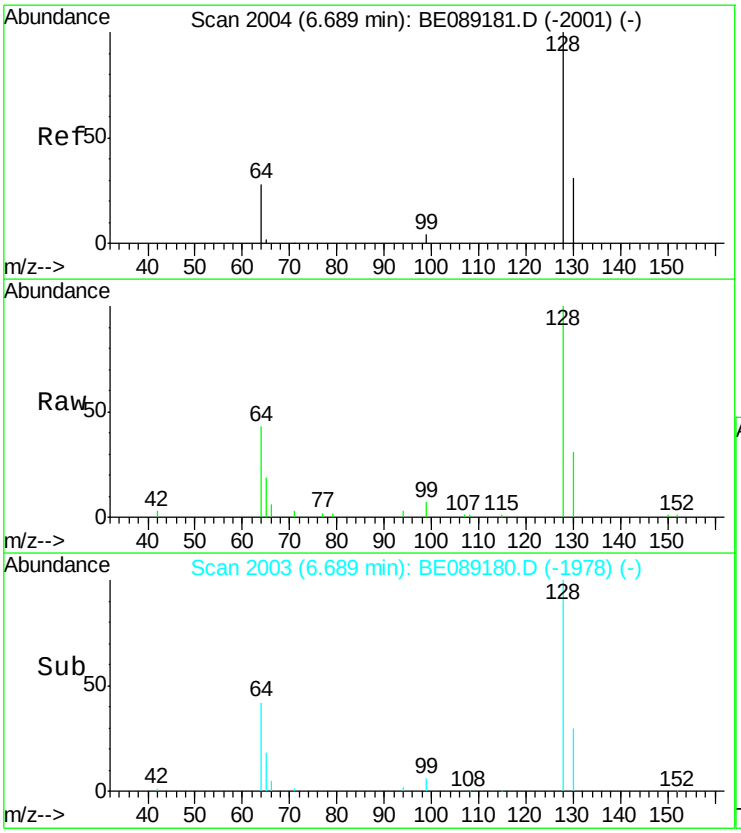
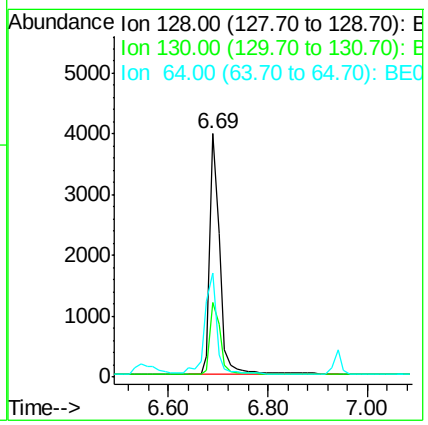
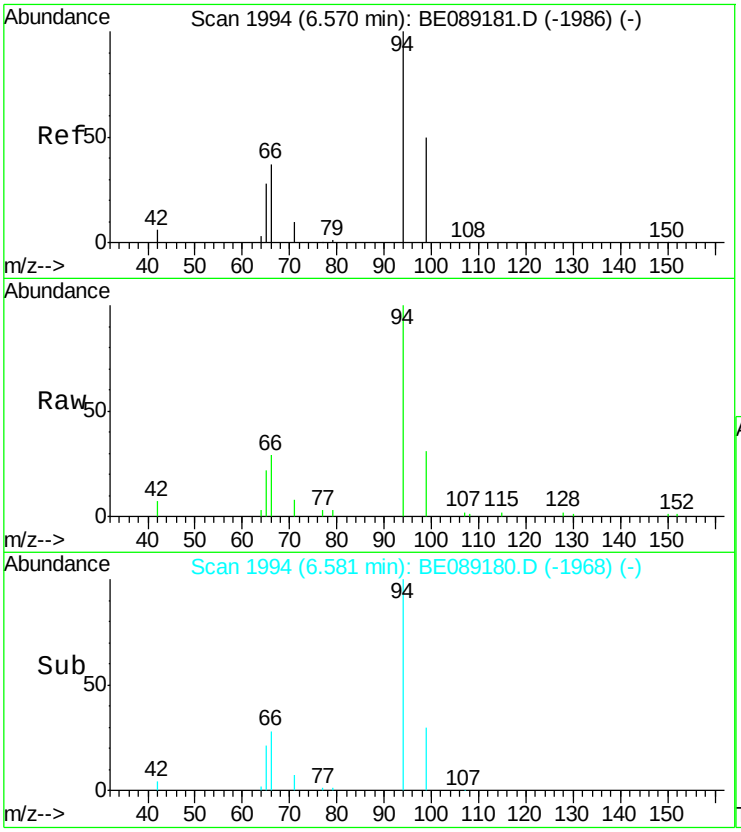


#4
2-Chlorophenol
Concen: 0.76 ng
RT: 6.69 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BE089180.D
Acq: 8 Dec 2014 23:27

Tgt Ion:128 Resp: 5430

Ion	Ratio	Lower	Upper
128	100		
130	30.9	11.2	51.2
64	42.8	10.6	50.6

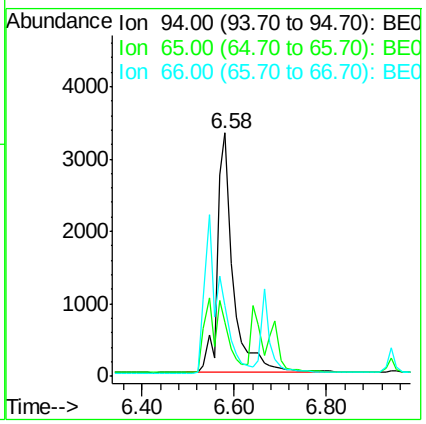




#5
Phenol
Concen: 0.76 ng
RT: 6.58 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BE089180.D
Acq: 8 Dec 2014 23:27

Tgt Ion: 94 Resp: 7936

Ion	Ratio	Lower	Upper
94	100		
65	22.0	9.0	49.0
66	29.1	17.7	57.7



Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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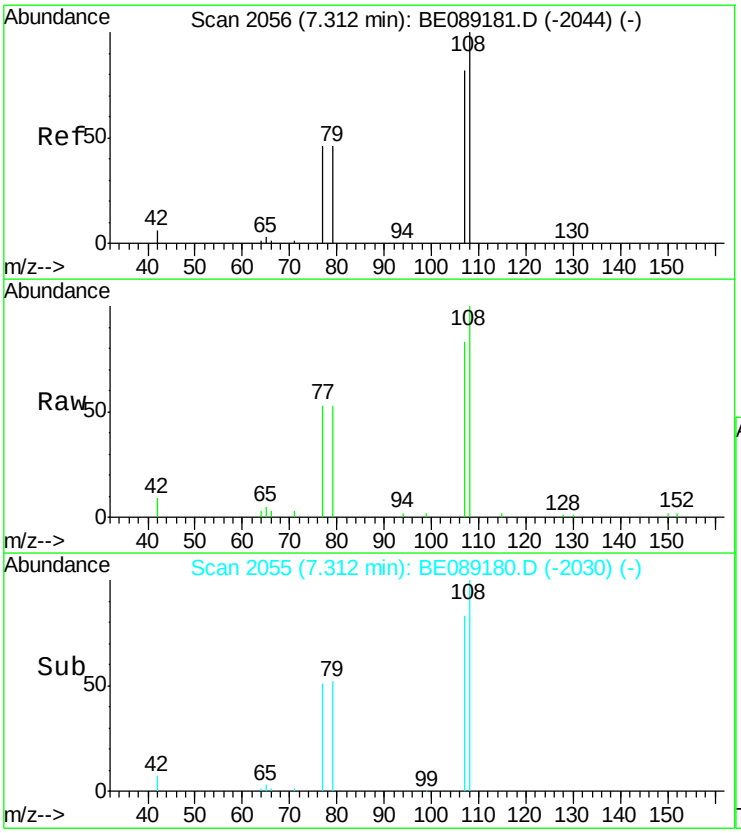
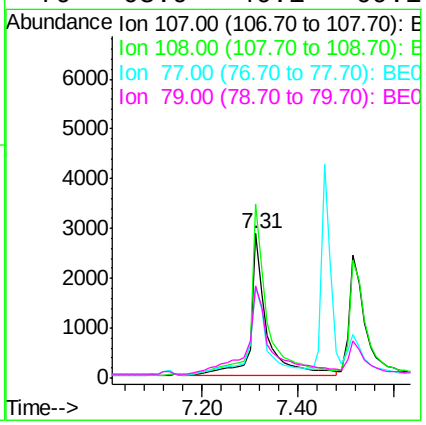
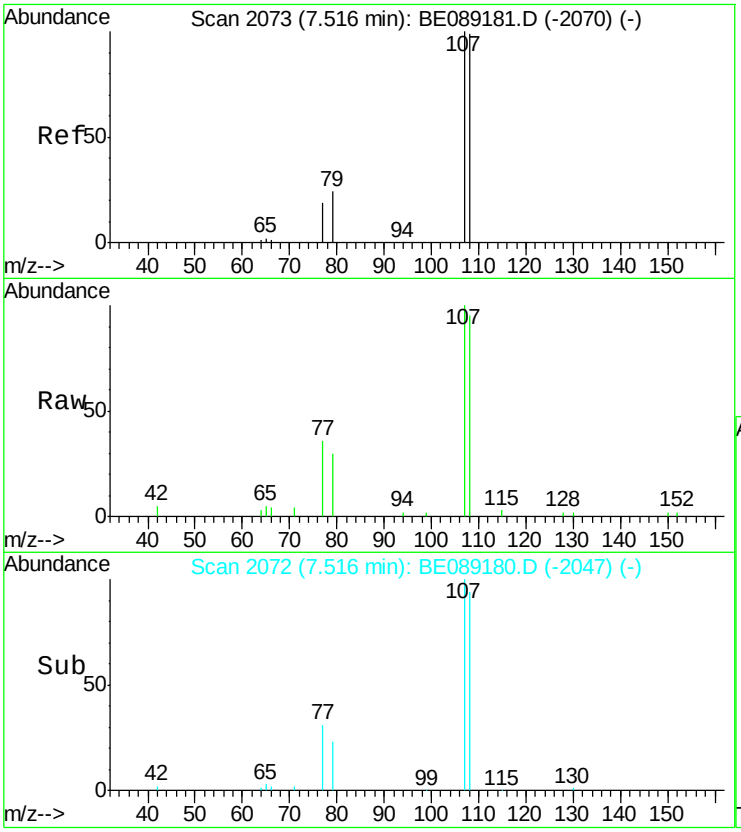


#6
2-Methylphenol
Concen: 0.33 ng
RT: 7.31 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BE089180.D
Acq: 8 Dec 2014 23:27

Tgt Ion:107 Resp: 6479

Ion	Ratio	Lower	Upper
107	100		
108	120.6	97.6	146.4
77	63.4	45.8	68.6
79	63.9	46.1	69.1

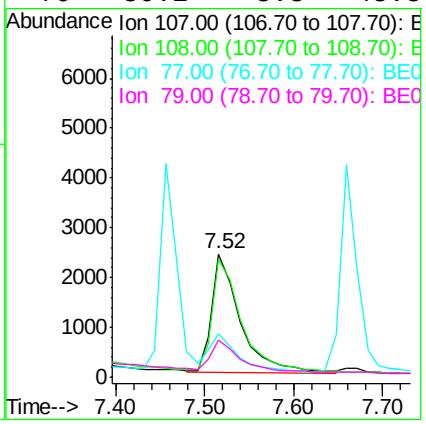




#7
3+4-Methylphenols
Concen: 0.22 ng
RT: 7.52 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BE089180.D
Acq: 8 Dec 2014 23:27

Tgt Ion:107 Resp: 5308

Ion	Ratio	Lower	Upper
107	100		
108	95.4	80.4	120.4
77	35.6	12.4	52.4
79	30.2	8.3	48.3



Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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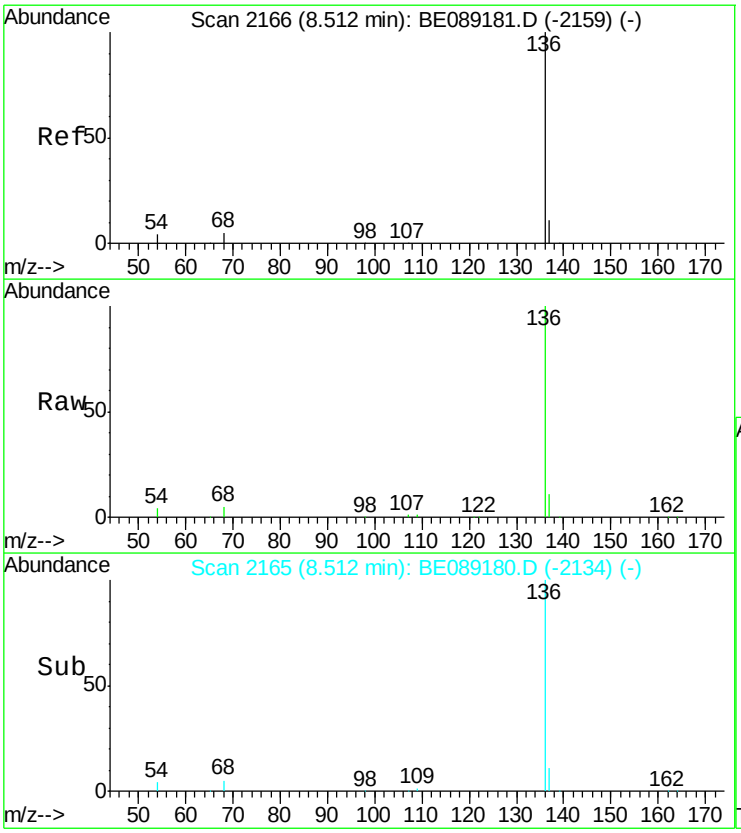
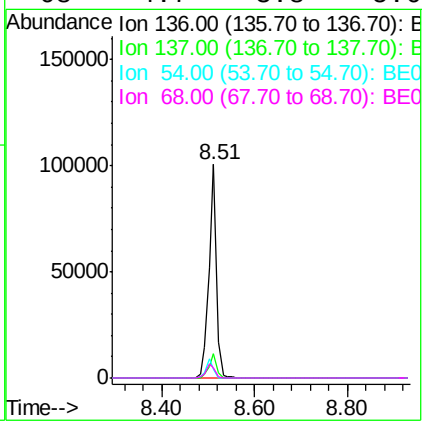
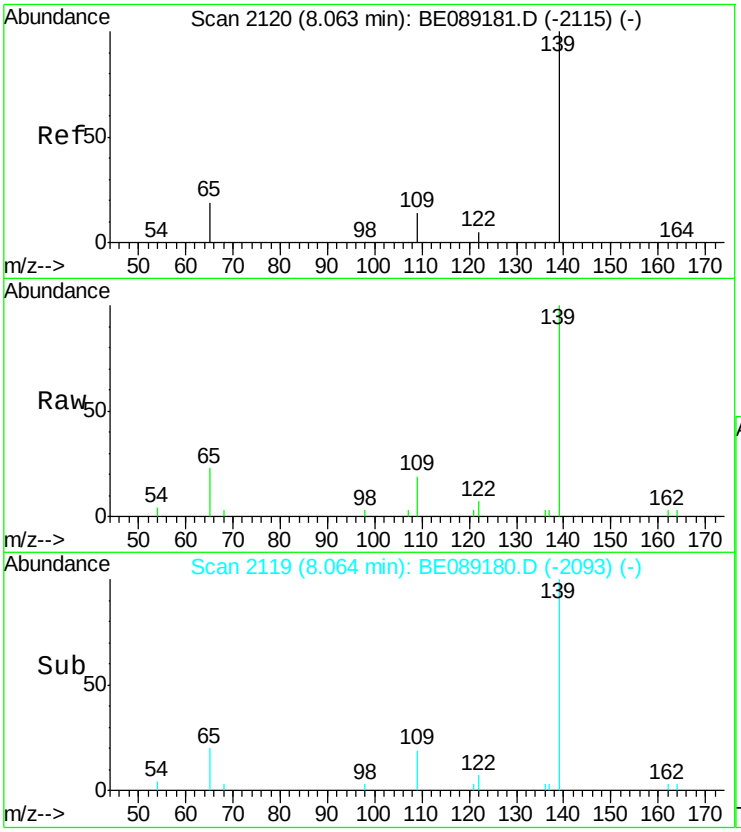


#8
Naphthalene-d8
Concen: 5.00 ng
RT: 8.51 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BE089180.D
Acq: 8 Dec 2014 23:27

Tgt Ion:136 Resp: 110751

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	4.3	3.4	5.2
68	4.7	3.8	5.6

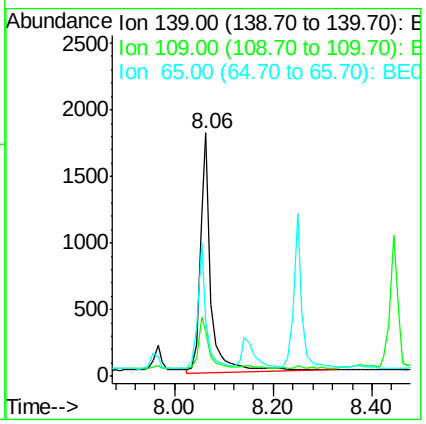




#9
2-Nitrophenol
Concen: 1.09 ng
RT: 8.06 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BE089180.D
Acq: 8 Dec 2014 23:27

Tgt Ion:139 Resp: 2781

Ion	Ratio	Lower	Upper
139	100		
109	18.5	13.0	19.4
65	23.0	16.4	24.6



Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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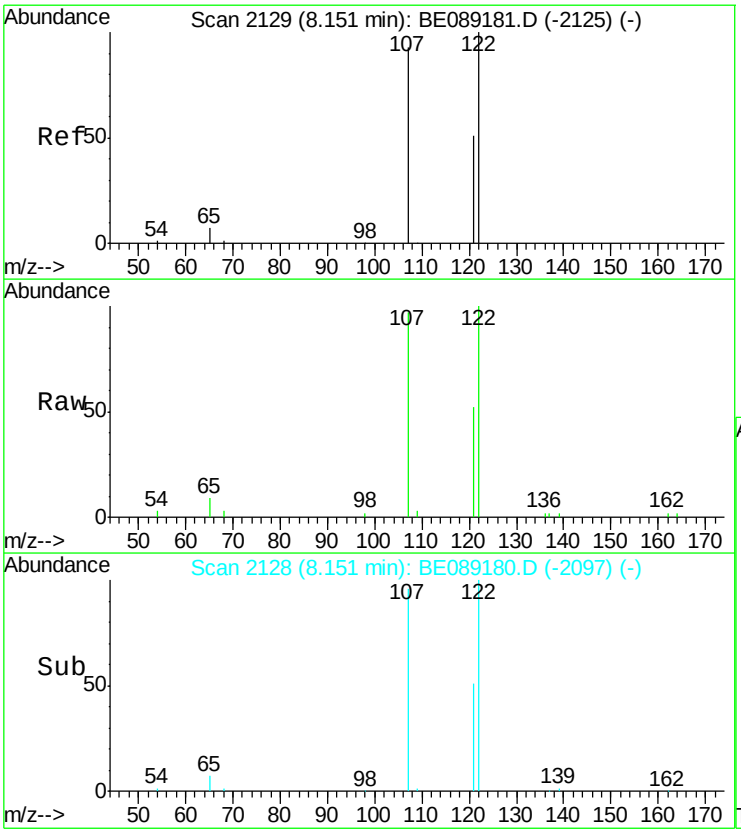
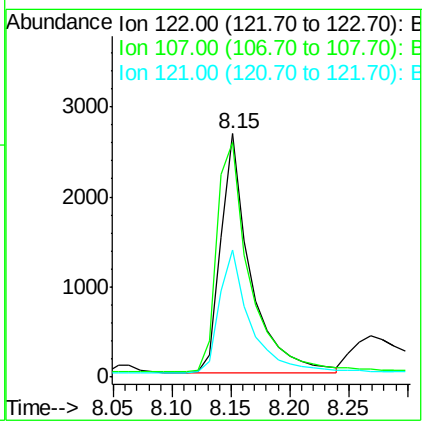
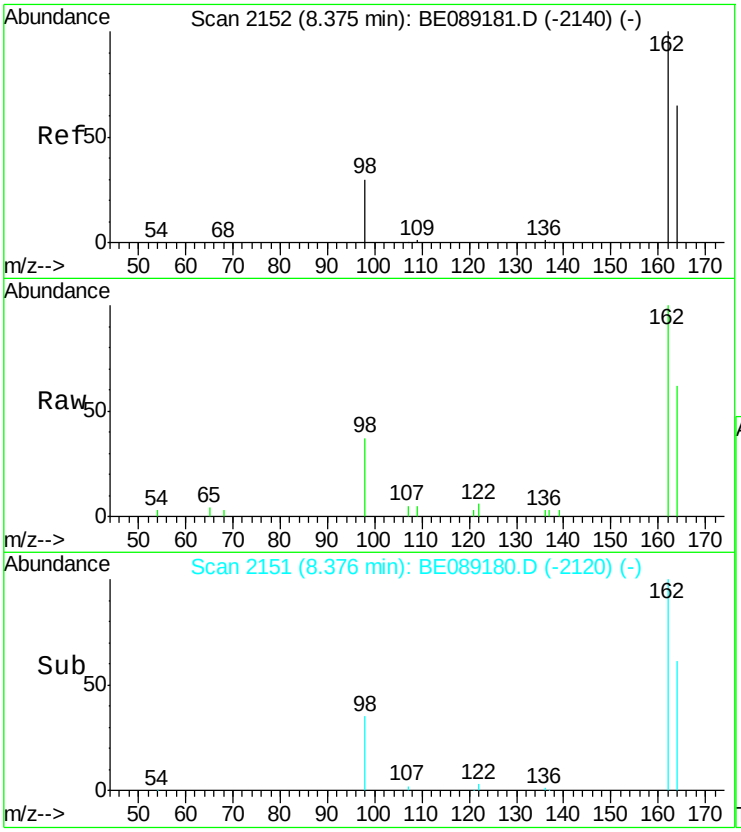


#10
2,4-Dimethylphenol
Concen: 0.77 ng
RT: 8.15 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BE089180.D
Acq: 8 Dec 2014 23:27

Tgt Ion:122 Resp: 4606

Ion	Ratio	Lower	Upper
122	100		
107	96.5	74.3	111.5
121	52.4	41.5	62.3

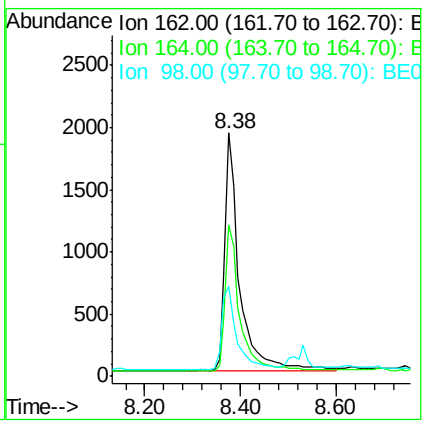




#11
2,4-Dichlorophenol
Concen: 0.80 ng
RT: 8.38 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BE089180.D
Acq: 8 Dec 2014 23:27

Tgt Ion:162 Resp: 4049

Ion	Ratio	Lower	Upper
162	100		
164	62.4	45.3	85.3
98	37.1	10.9	50.9



Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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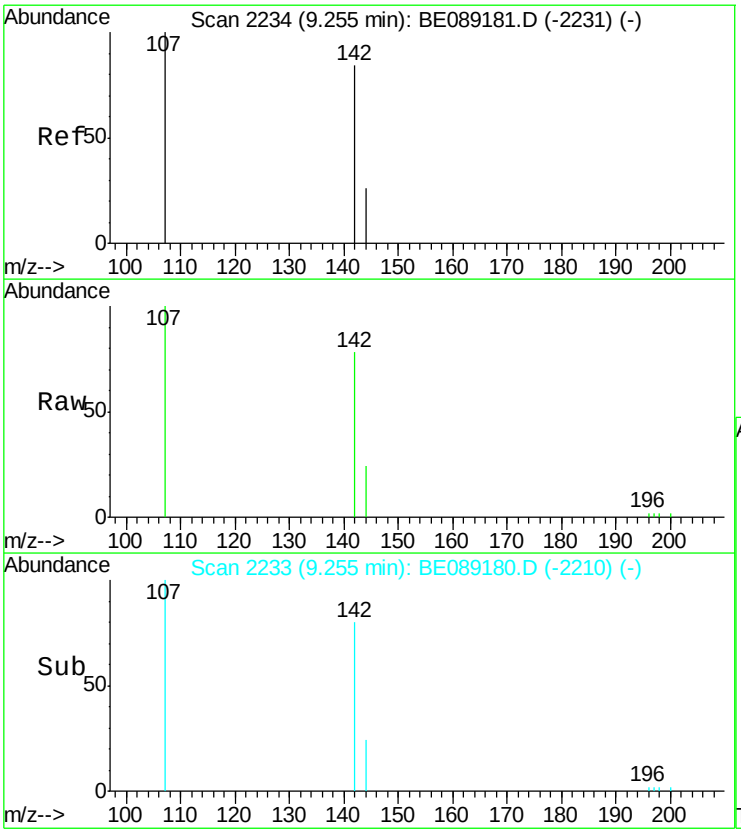
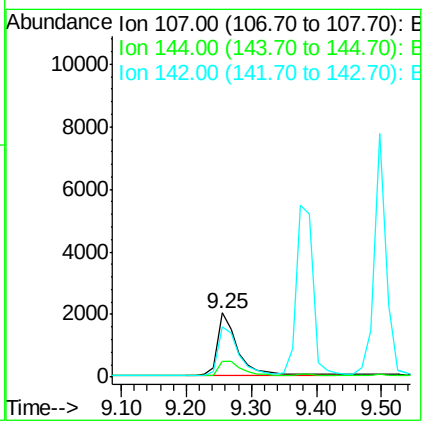
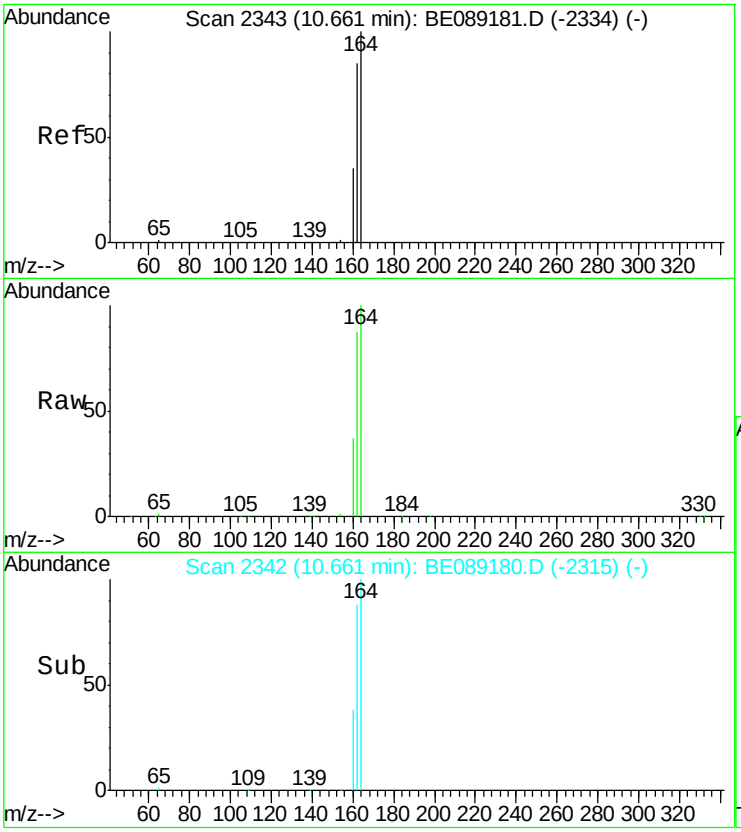


#12
4-Chloro-3-methylphenol
Concen: 0.75 ng
RT: 9.25 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BE089180.D
Acq: 8 Dec 2014 23:27

Tgt Ion:107 Resp: 4208

Ion	Ratio	Lower	Upper
107	100		
144	23.7	21.3	31.9
142	77.9	66.7	100.1

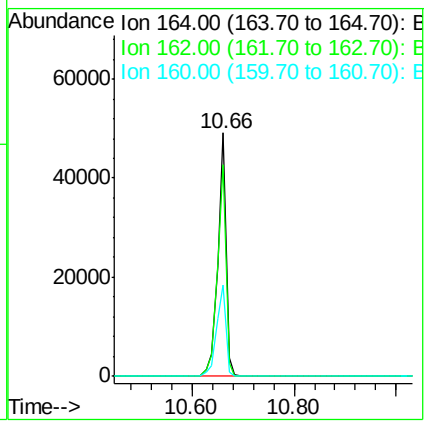




#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 10.66 min Scan# 2342
Delta R.T. -0.00 min
Lab File: BE089180.D
Acq: 8 Dec 2014 23:27

Tgt Ion:164 Resp: 54913

Ion	Ratio	Lower	Upper
164	100		
162	87.2	68.0	102.0
160	37.3	28.2	42.2



Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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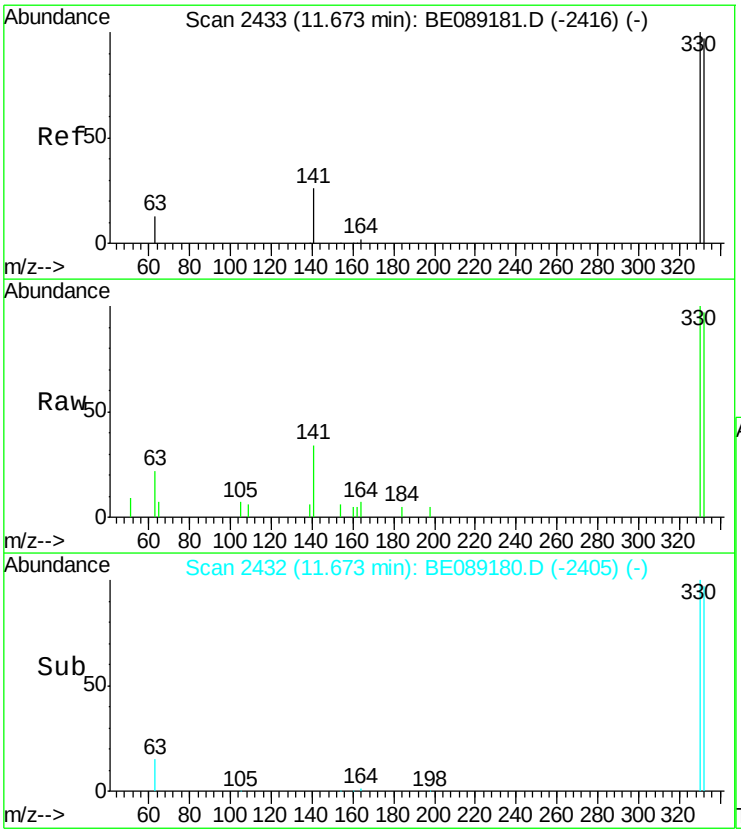
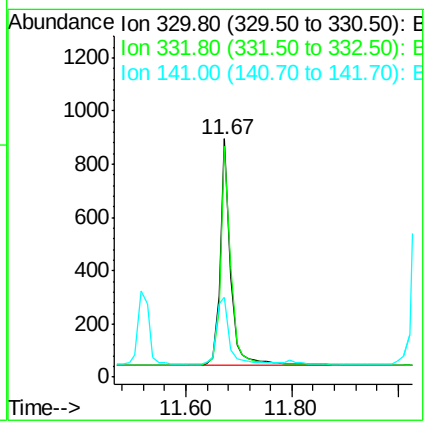
12/10/2014 4:30:25 PM

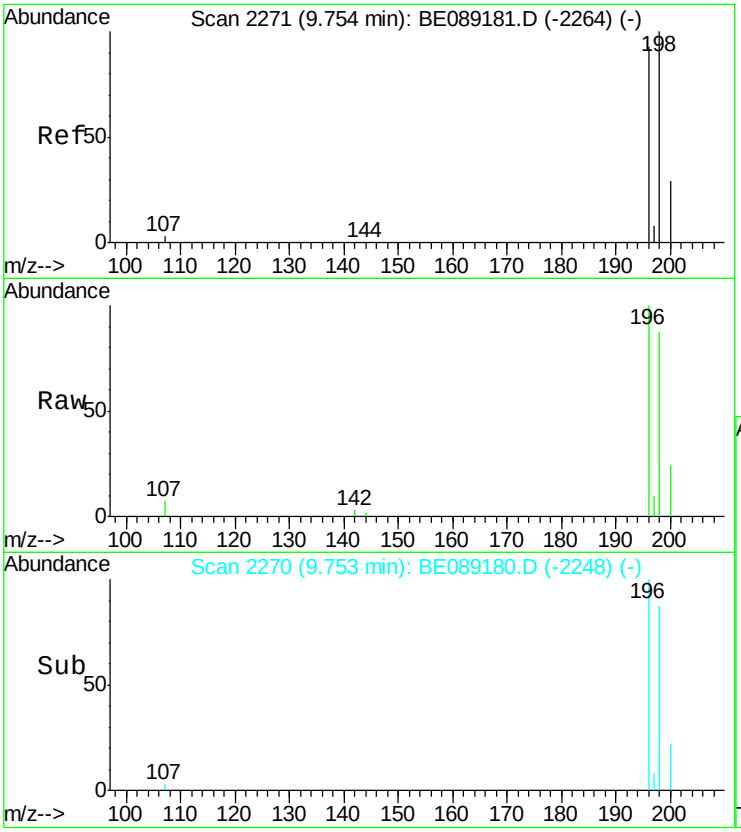


#14
2,4,6-Tribromophenol
Concen: 0.66 ng
RT: 11.67 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BE089180.D
Acq: 8 Dec 2014 23:27

Tgt Ion:330 Resp: 1191

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.8	115.2
141	35.1	28.4	42.6

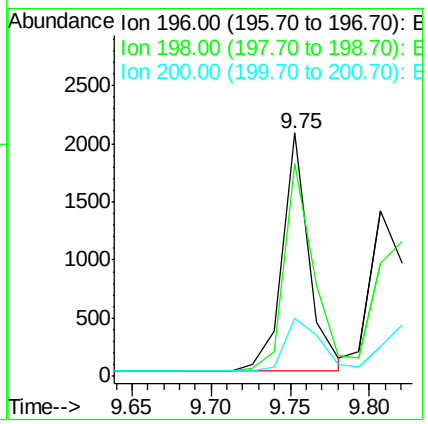




#15
2,4,6-Trichlorophenol
Concen: 0.72 ng
RT: 9.75 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BE089180.D
Acq: 8 Dec 2014 23:27

Tgt Ion:196 Resp: 2416

Ion	Ratio	Lower	Upper
196	100		
198	87.4	85.6	128.4
200	23.8	25.4	38.2#



Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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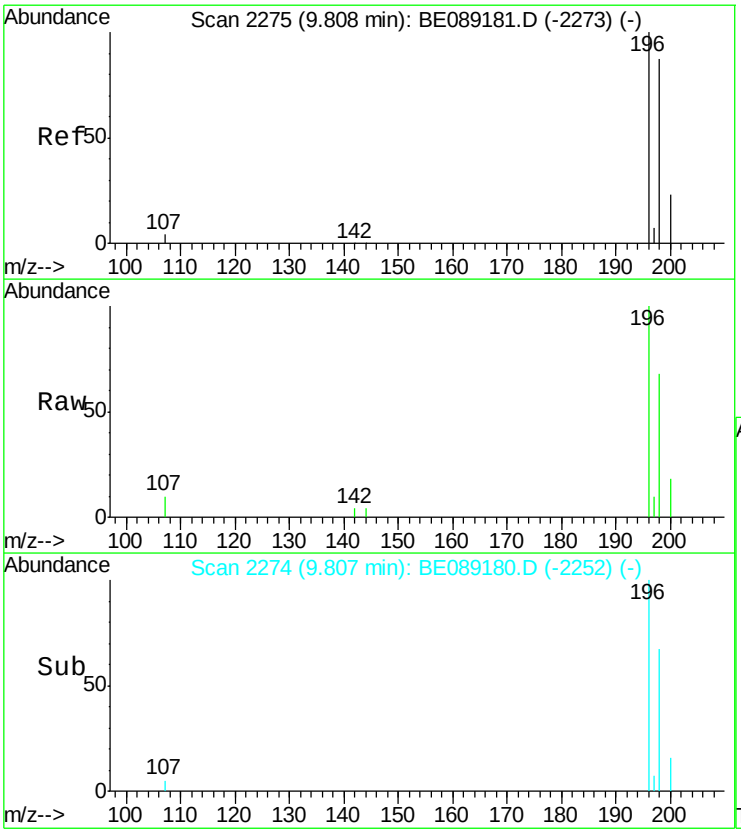
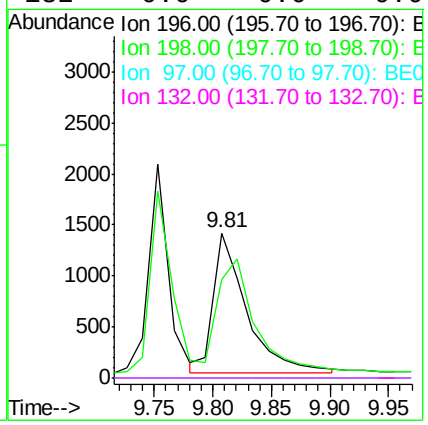
12/10/2014 4:30:25 PM

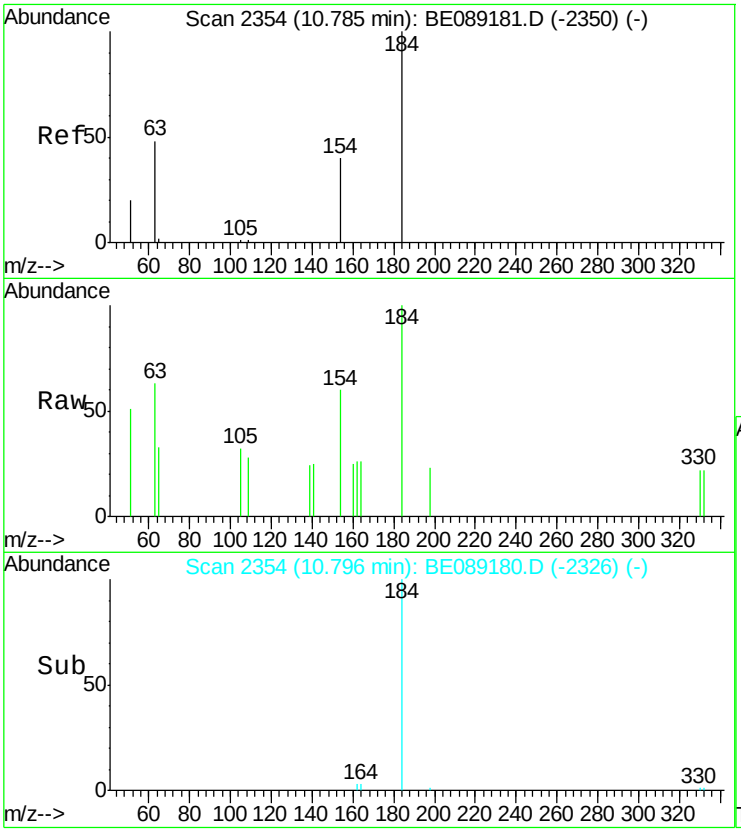


#16
2,4,5-Trichlorophenol
Concen: 0.78 ng m
RT: 9.81 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BE089180.D
Acq: 8 Dec 2014 23:27

Tgt Ion:196 Resp: 2753

Ion	Ratio	Lower	Upper
196	100		
198	68.4	70.8	106.2#
97	0.0	0.0	0.0
132	0.0	0.0	0.0





#17
2,4-Dinitrophenol
Concen: 1.36 ng
RT: 10.80 min Scan# 2354
Delta R.T. 0.01 min
Lab File: BE089180.D
Acq: 8 Dec 2014 23:27

Tgt Ion:184 Resp: 476

Ion	Ratio	Lower	Upper
184	100		
63	62.7	45.2	67.8
154	60.3	39.5	59.3#

Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

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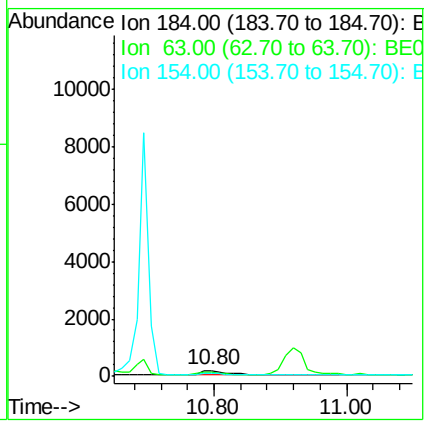
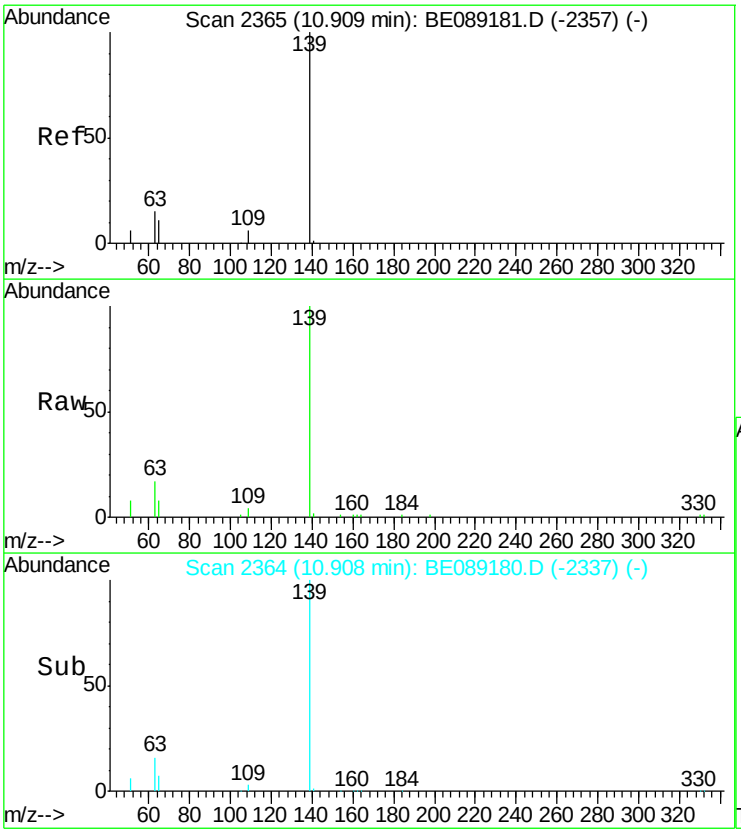
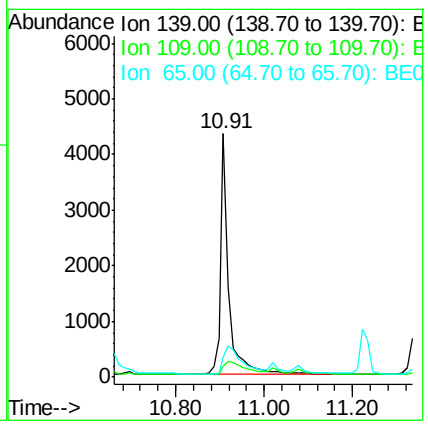


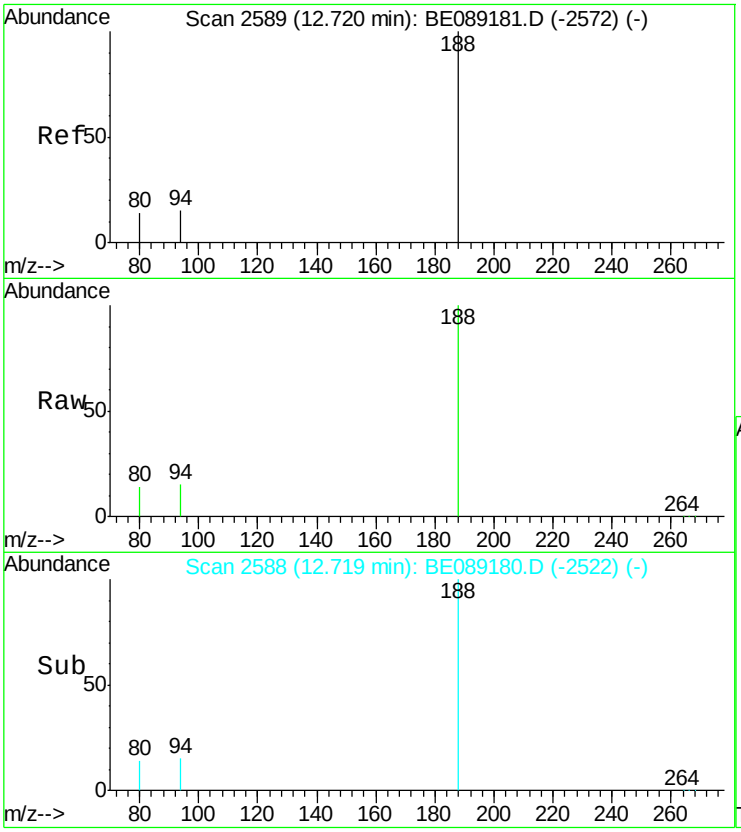


#18
4-Nitrophenol
Concen: 2.13 ng
RT: 10.91 min Scan# 2364
Delta R.T. -0.00 min
Lab File: BE089180.D
Acq: 8 Dec 2014 23:27

Tgt Ion:139 Resp: 5839

Ion	Ratio	Lower	Upper
139	100		
109	4.5	0.0	26.6
65	8.3	0.0	31.7

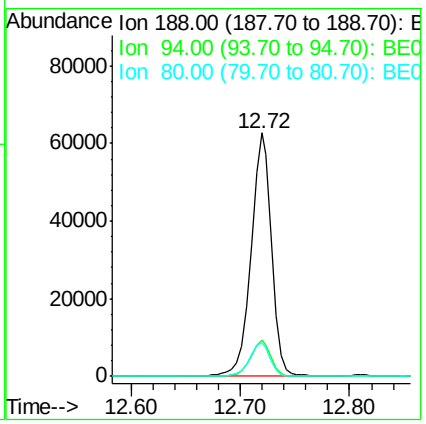




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.72 min Scan# 2588
Delta R.T. -0.00 min
Lab File: BE089180.D
Acq: 8 Dec 2014 23:27

Tgt Ion:188 Resp: 82253

Ion	Ratio	Lower	Upper
188	100		
94	14.7	11.7	17.5
80	14.1	11.0	16.4



Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

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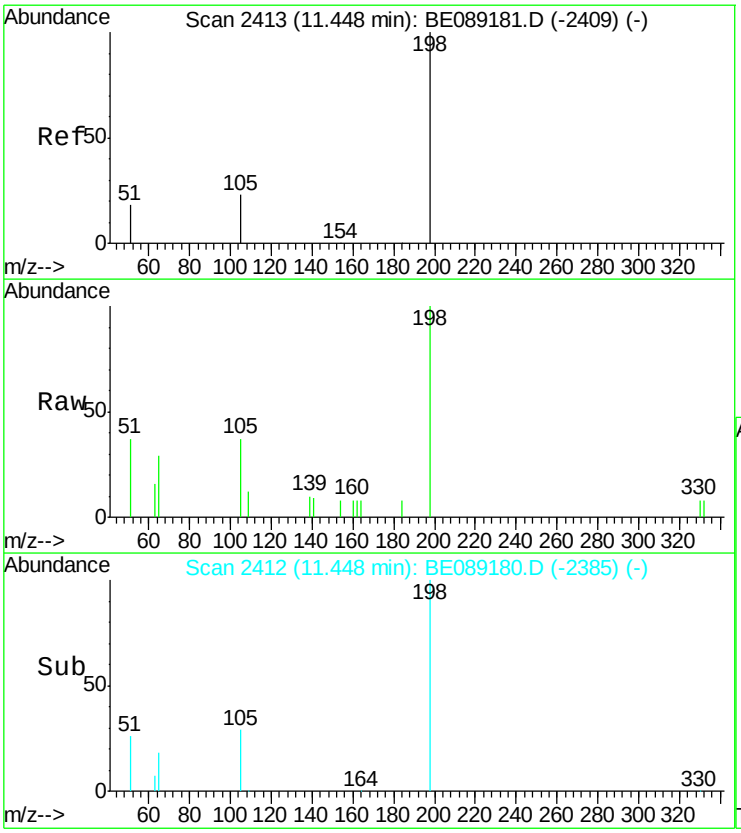
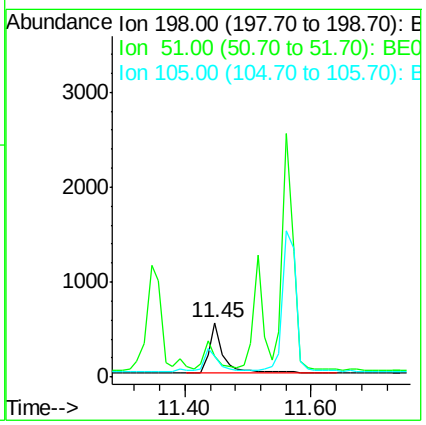
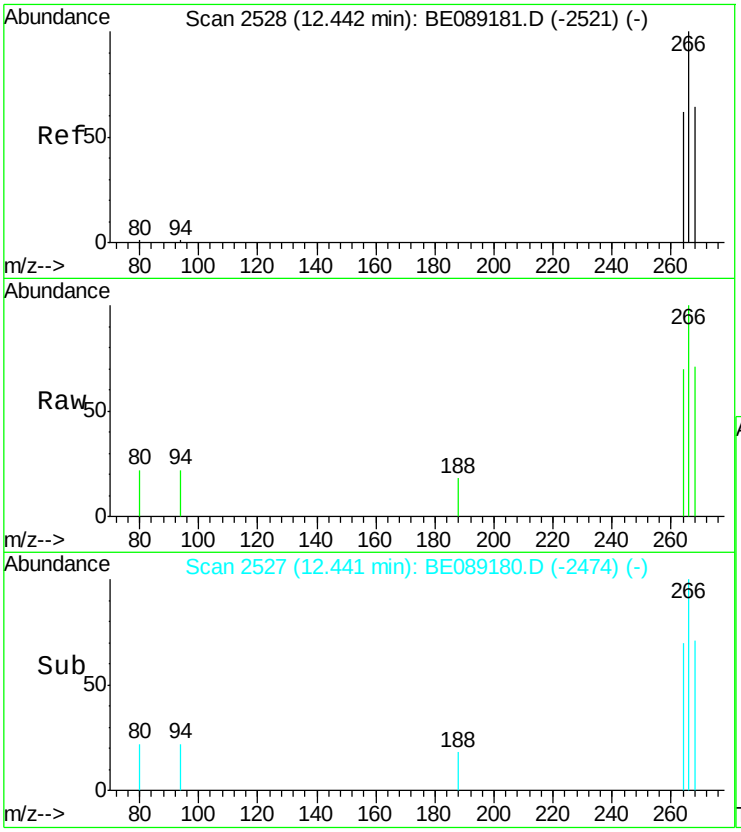


#20
4,6-Dinitro-2-methylphenol
Concen: 1.16 ng
RT: 11.45 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BE089180.D
Acq: 8 Dec 2014 23:27

Tgt Ion:198 Resp: 800

Ion	Ratio	Lower	Upper
198	100		
51	37.3	10.8	50.8
105	37.3	10.4	50.4

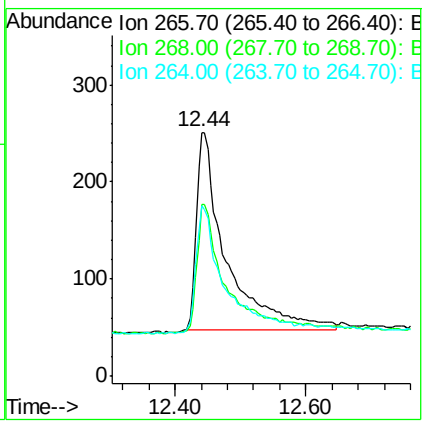




#21
Pentachlorophenol
Concen: 0.66 ng
RT: 12.44 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BE089180.D
Acq: 8 Dec 2014 23:27

Tgt Ion:266 Resp: 634

Ion	Ratio	Lower	Upper
266	100		
268	70.5	53.9	80.9
264	70.1	52.6	78.8



Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

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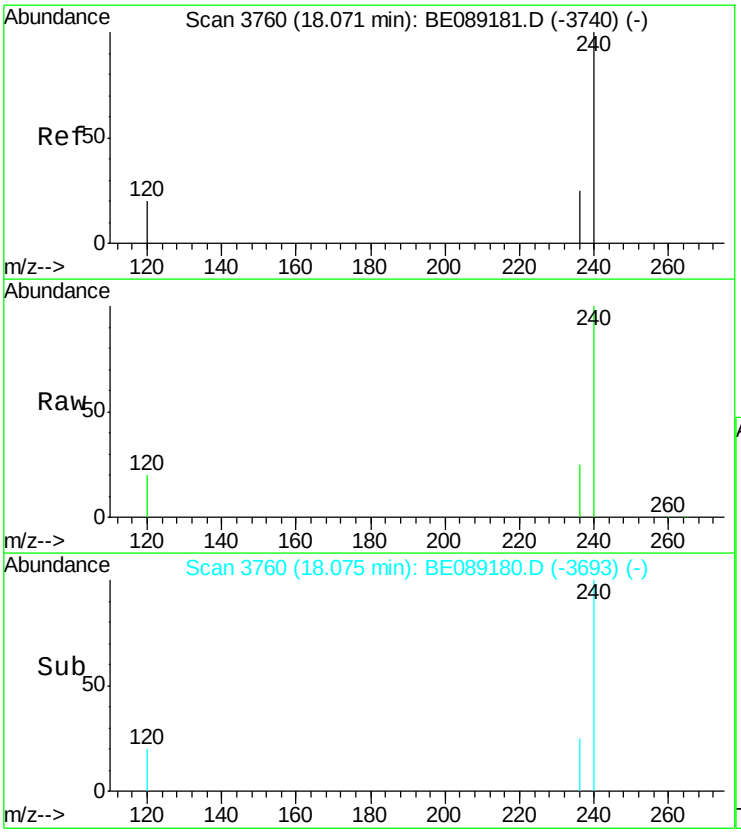
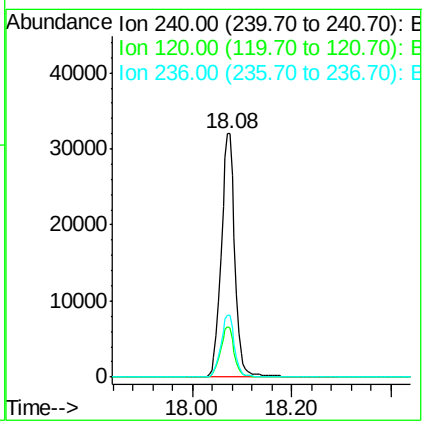
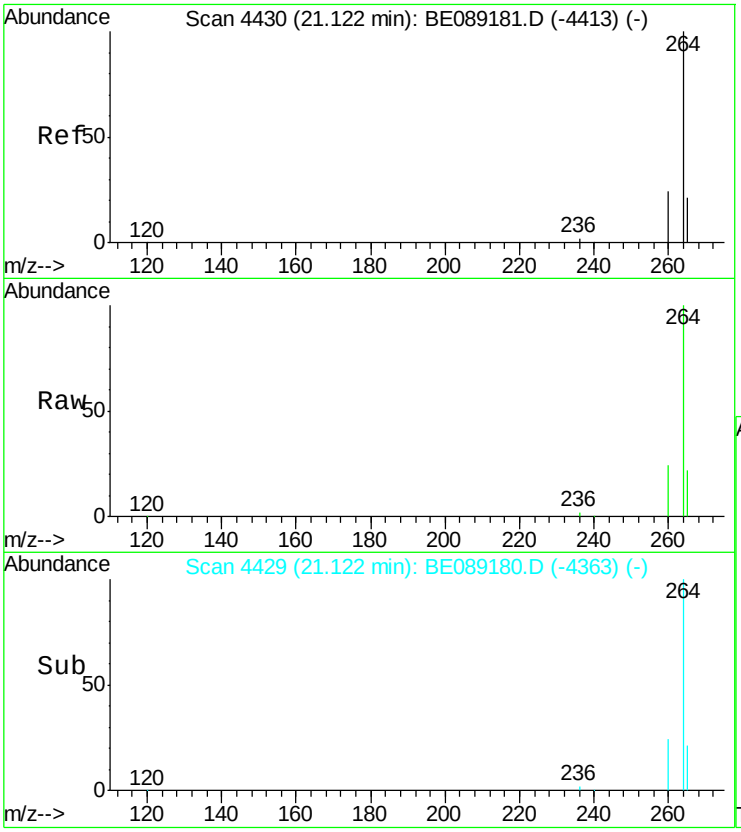


#22
Chrysene-d12
Concen: 5.00 ng
RT: 18.08 min Scan# 3760
Delta R.T. 0.00 min
Lab File: BE089180.D
Acq: 8 Dec 2014 23:27

Tgt Ion:240 Resp: 60677

Ion	Ratio	Lower	Upper
240	100		
120	19.9	15.8	23.8
236	25.2	20.2	30.4

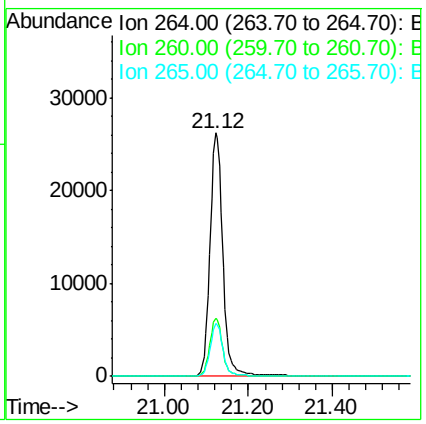




#23
Perylene-d12
Concen: 5.00 ng
RT: 21.12 min Scan# 4429
Delta R.T. -0.00 min
Lab File: BE089180.D
Acq: 8 Dec 2014 23:27

Tgt Ion:264 Resp: 54853

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	21.6	17.2	25.8



Instrument :
BNA_E
LabSampleId :
SSTDICC0.8

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