Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022615\
Data File : BE089712.D
Acq On : 27 Feb 2015 5:18
Operator : TP/JJ
Sample : G1382-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MW2-022515

Quant Time: Feb 27 14:03:41 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE022615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 27 13:38:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.33	152	45366	5.00	ng		0.00
7) Naphthalene-d8	12.24	136	193149	5.00	ng		0.00
13) Acenaphthene-d10	16.40	164	92665	5.00	ng		0.00
17) Phenanthrene-d10	19.76	188	171722	5.00	ng		0.00
20) Chrysene-d12	23.65	240	139174	5.00	ng		0.00
27) Perylene-d12	25.33	264	116990	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.50	112	52535	4.78	ng		0.00
4) Phenol-d6	8.62	99	44095	2.96	ng		0.01
8) Nitrobenzene-d5	10.61	82	112428	9.39	ng		0.01
14) 2,4,6-Tribromophenol	18.31	330	25254	15.72	ng		0.00
15) 2-Fluorobiphenyl	14.87	172	211839	10.29	ng		0.00
22) Terphenyl-d14	22.30	244	216119	12.81	ng		0.00
Target Compounds							Qvalue
10) 2,4-Dimethylphenol	11.61	122	17275	1.95	ng		91
19) Pentachlorophenol	19.43	266	128	0.29	ng	#	82
23) Benzo(a)anthracene	23.64	228	2829	0.03	ng	#	80

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022615\
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Misc :
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Instrument :
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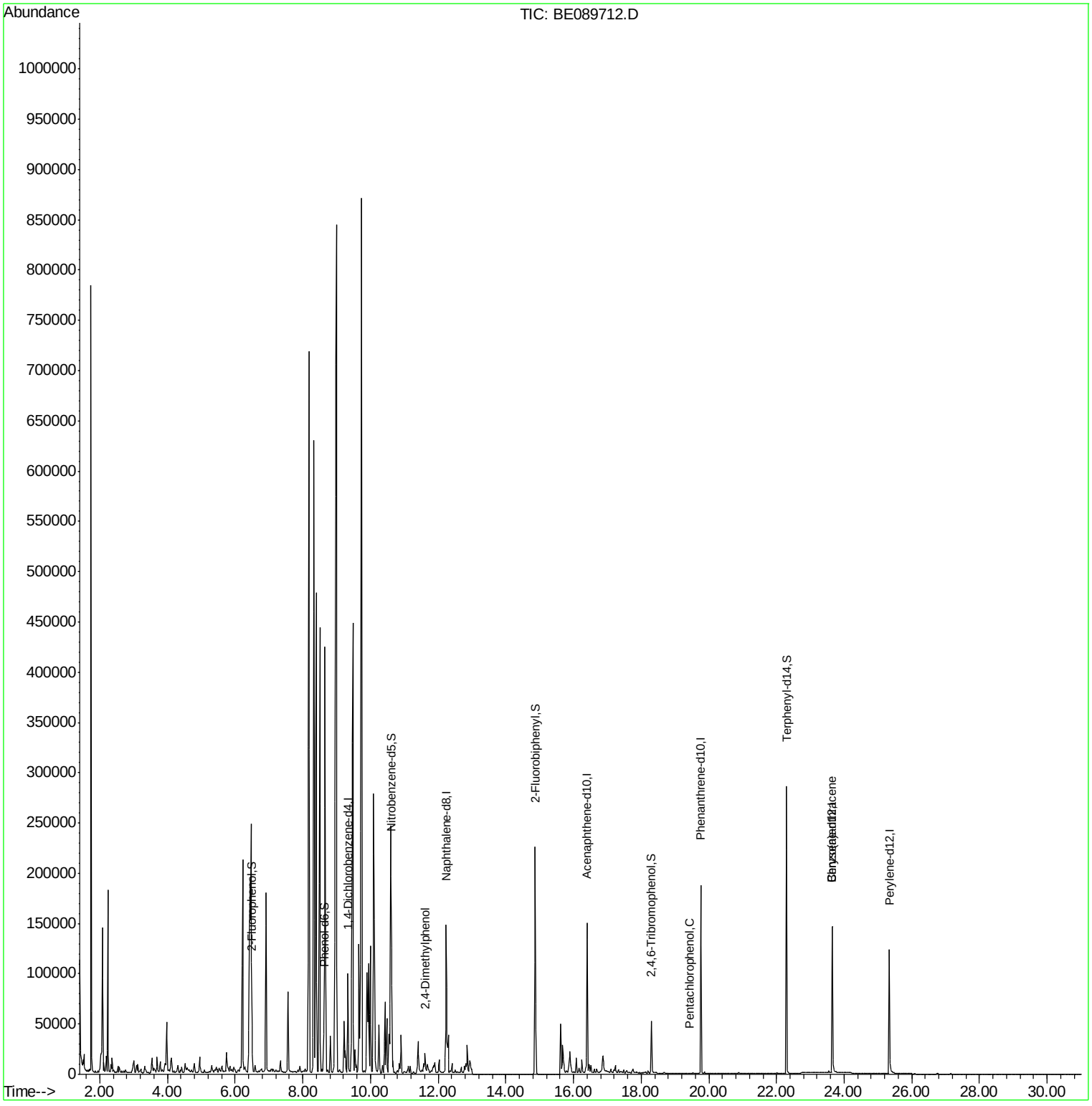
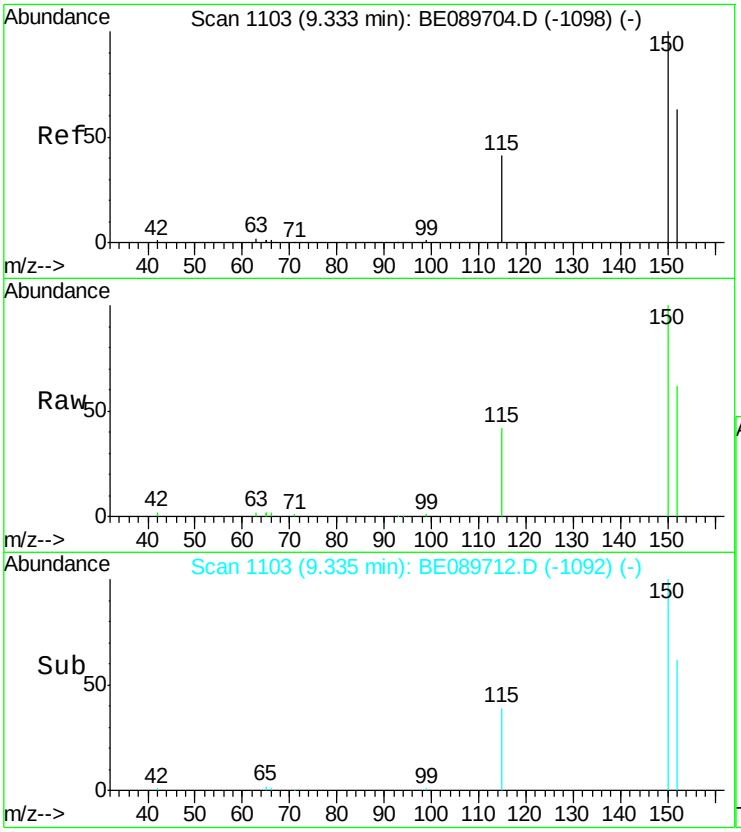


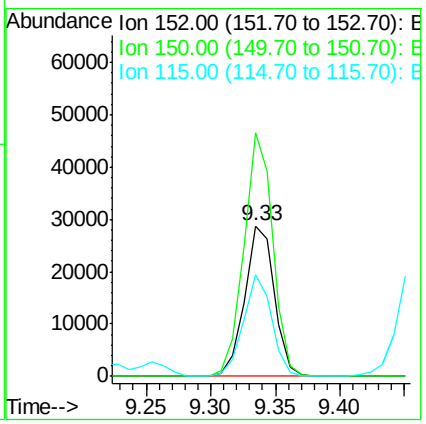


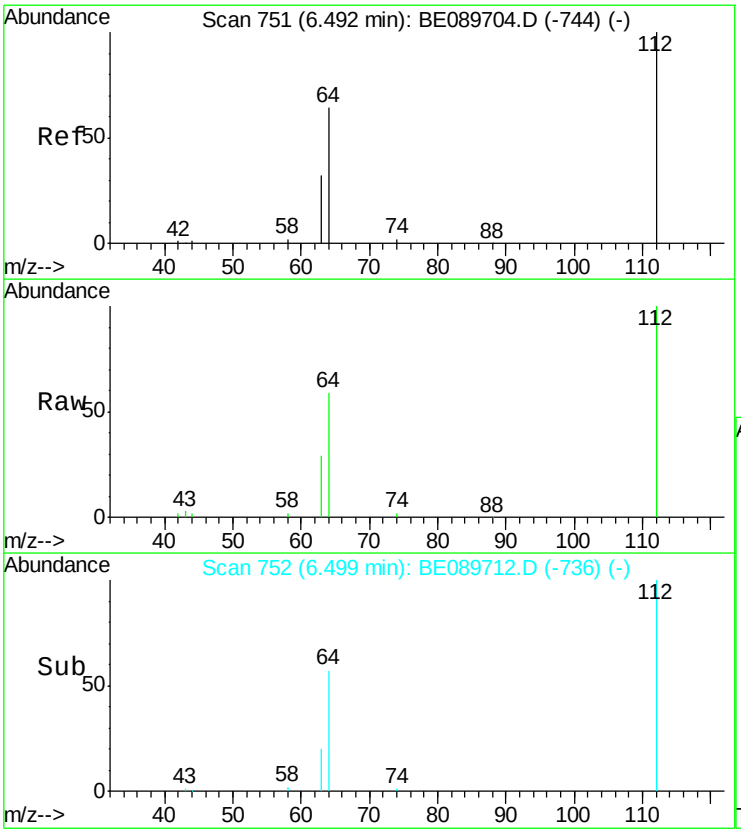
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.33 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BE089712.D
Acq: 27 Feb 2015 5:18

Instrument :
BNA_E
ClientSampleId :
MW2-022515

Tgt Ion:152 Resp: 45366

Ion	Ratio	Lower	Upper
152	100		
150	161.8	127.3	190.9
115	67.4	52.0	78.0

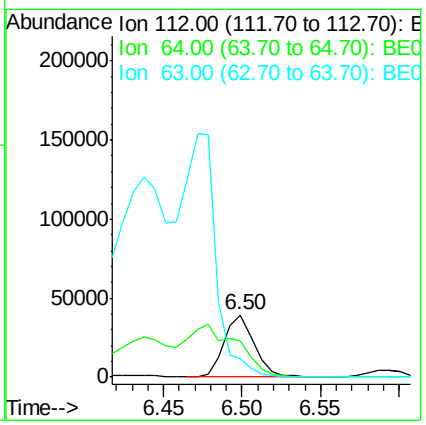


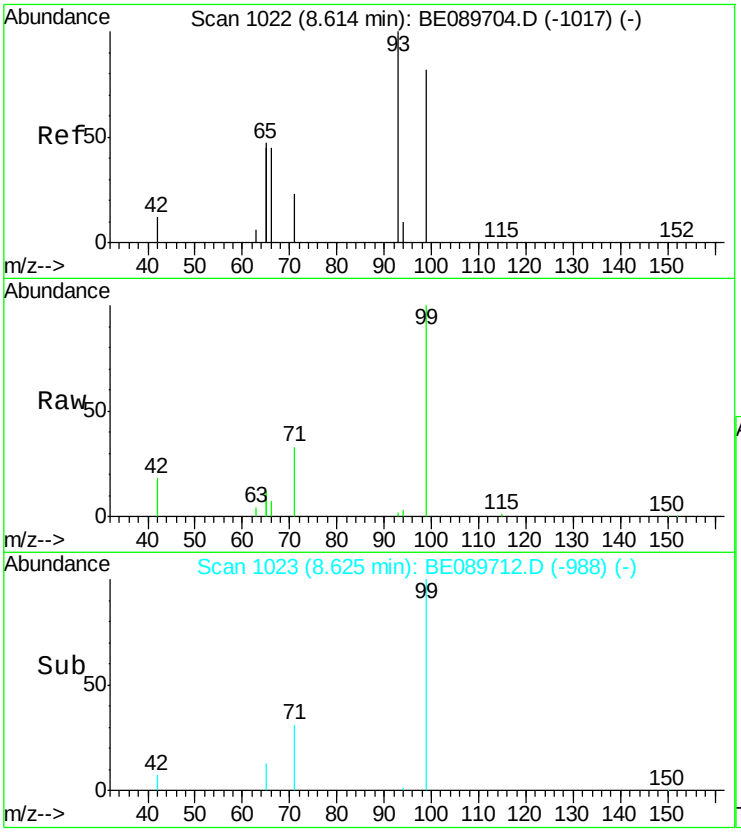


#3
2-Fluorophenol
Concen: 4.78 ng
RT: 6.50 min Scan# 752
Delta R.T. 0.01 min
Lab File: BE089712.D
Acq: 27 Feb 2015 5:18

Tgt Ion:112 Resp: 52535

Ion	Ratio	Lower	Upper
112	100		
64	58.7	51.3	76.9
63	28.9	26.2	39.2



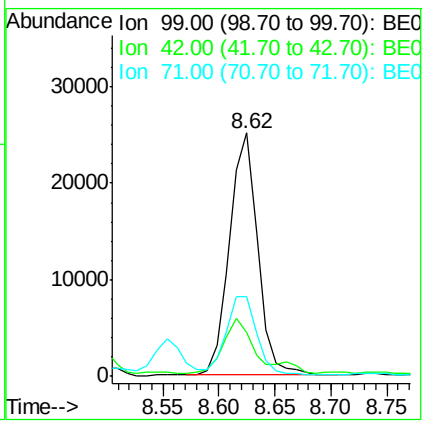


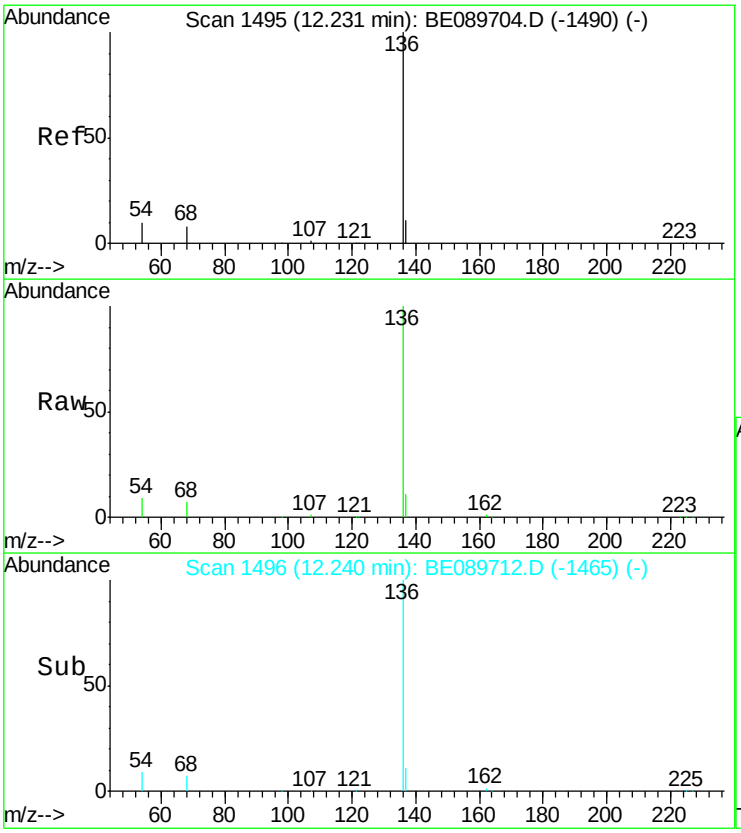
#4
Phenol-d6
Concen: 2.96 ng
RT: 8.62 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BE089712.D
Acq: 27 Feb 2015 5:18

Instrument :
BNA_E
ClientSampleId :
MW2-022515

Tgt Ion: 99 Resp: 44095

Ion	Ratio	Lower	Upper
99	100		
42	17.8	12.3	18.5
71	32.9	22.9	34.3

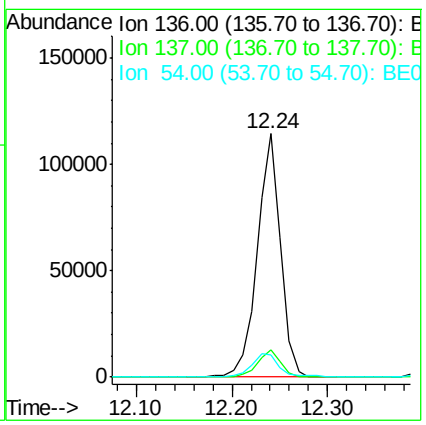


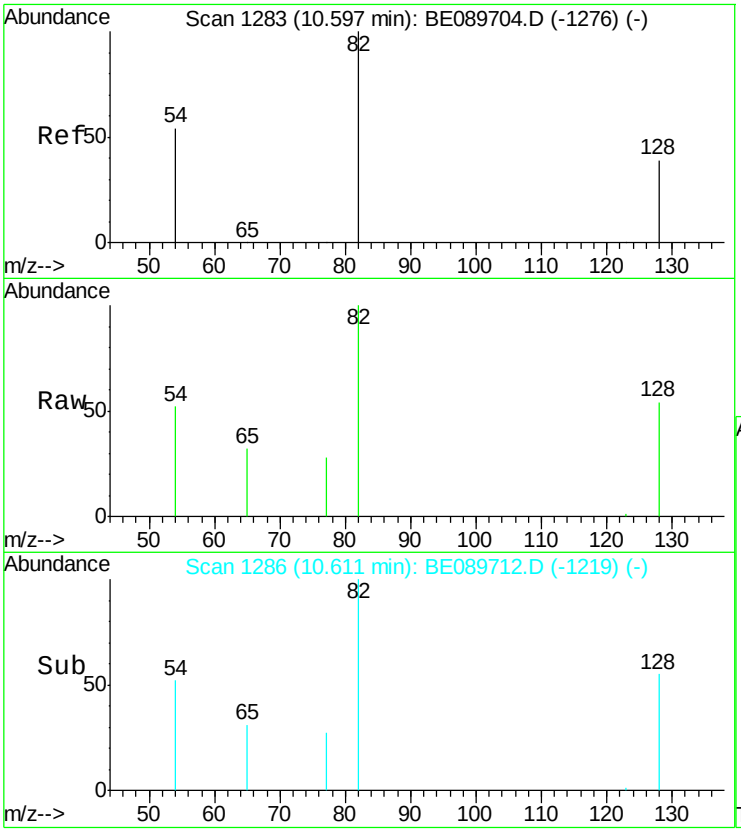


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.24 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BE089712.D
Acq: 27 Feb 2015 5:18

Tgt Ion:136 Resp: 193149

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.9	8.1	12.1



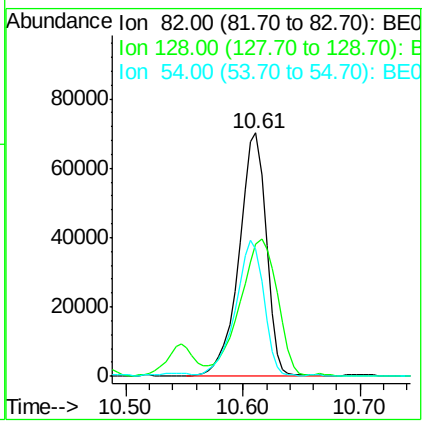


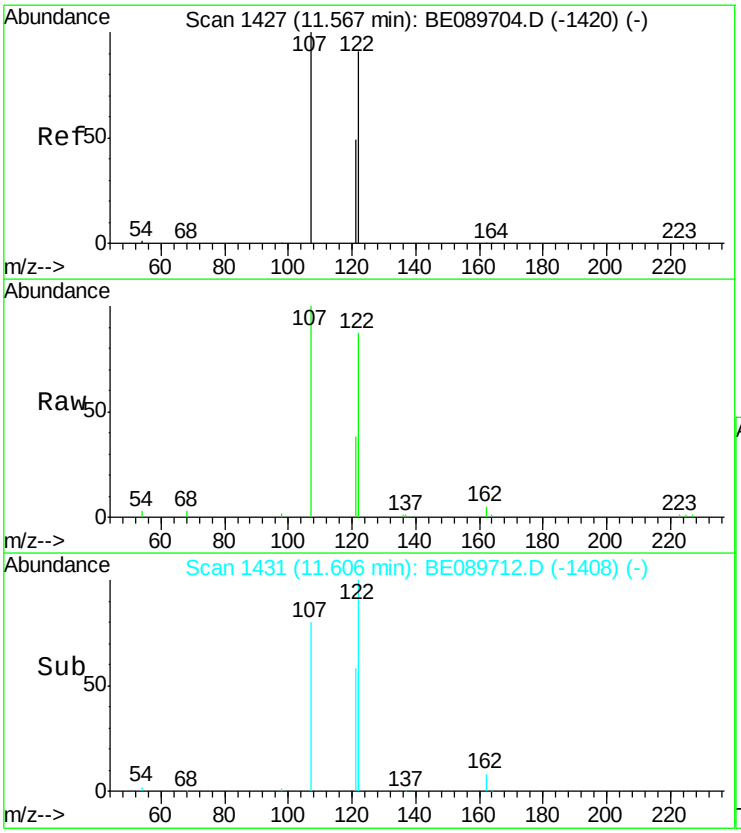
#8
Nitrobenzene-d5
Concen: 9.39 ng
RT: 10.61 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BE089712.D
Acq: 27 Feb 2015 5:18

Instrument :
BNA_E
ClientSampleId :
MW2-022515

Tgt Ion: 82 Resp: 112428

Ion	Ratio	Lower	Upper
82	100		
128	54.5	31.4	47.2#
54	52.3	43.8	65.8

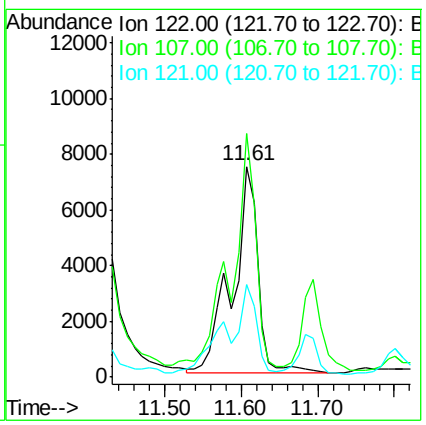


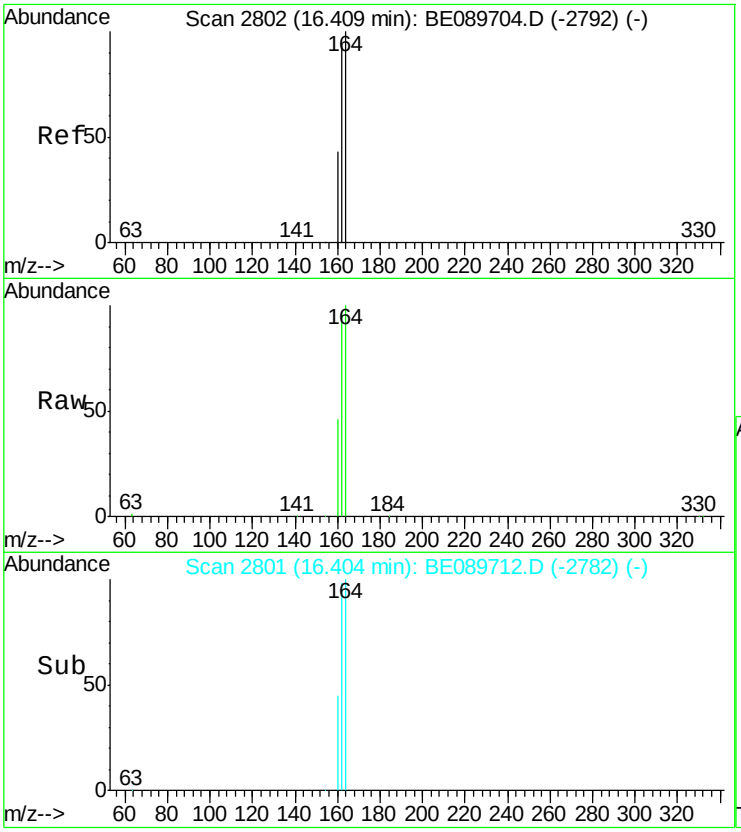


#10
2,4-Dimethylphenol
Concen: 1.95 ng
RT: 11.61 min Scan# 1431
Delta R.T. 0.04 min
Lab File: BE089712.D
Acq: 27 Feb 2015 5:18

Tgt Ion:122 Resp: 17275

Ion	Ratio	Lower	Upper
122	100		
107	115.5	87.6	131.4
121	44.0	43.4	65.2



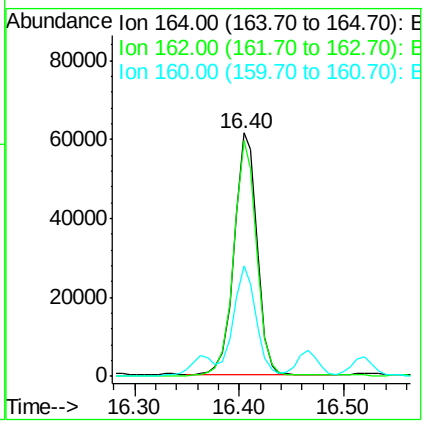


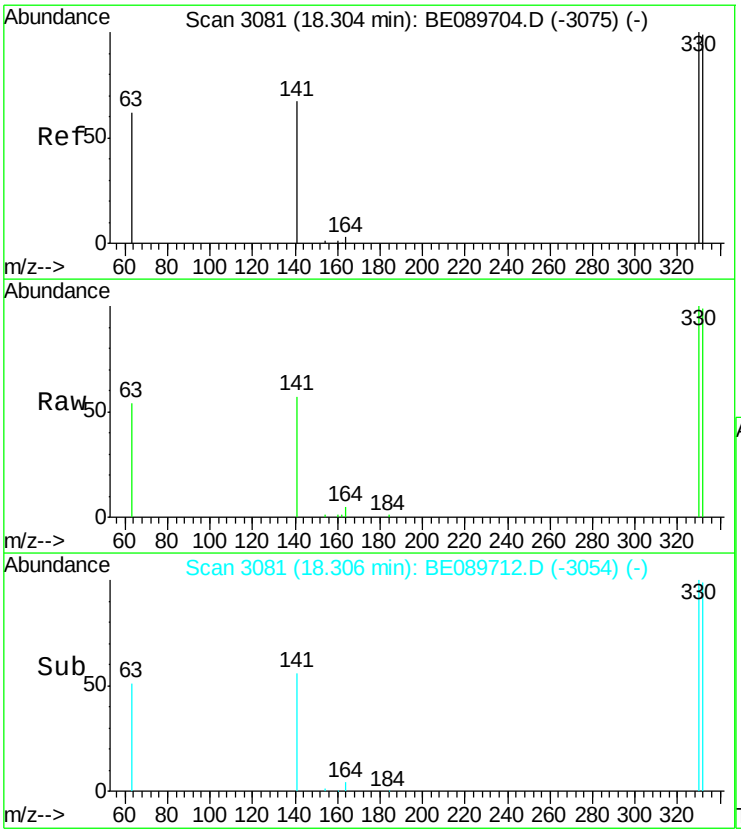
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.40 min Scan# 2801
Delta R.T. -0.00 min
Lab File: BE089712.D
Acq: 27 Feb 2015 5:18

Instrument :
BNA_E
ClientSampleId :
MW2-022515

Tgt Ion:164 Resp: 92665

Ion	Ratio	Lower	Upper
164	100		
162	97.1	75.0	112.6
160	45.5	34.3	51.5

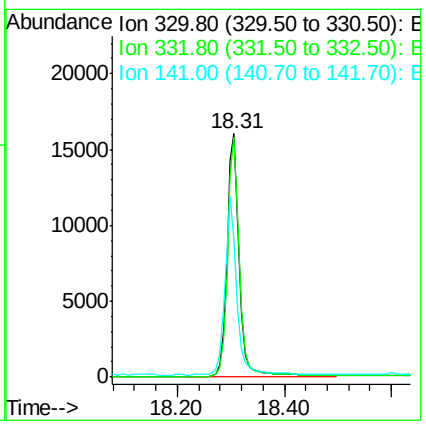


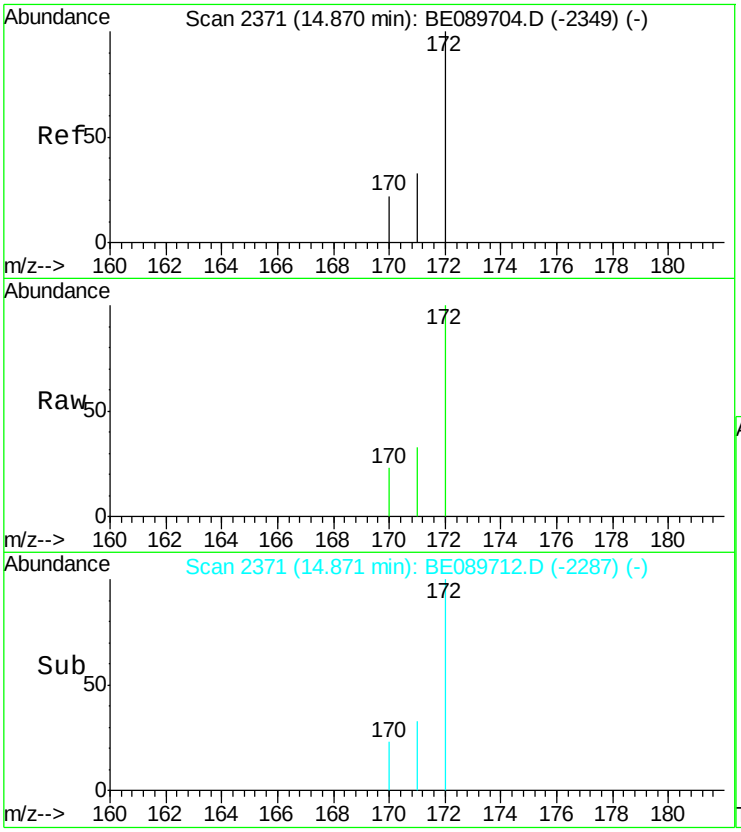


#14
2,4,6-Tribromophenol
Concen: 15.72 ng
RT: 18.31 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BE089712.D
Acq: 27 Feb 2015 5:18

Tgt Ion:330 Resp: 25254

Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	73.3	0.0	0.0#



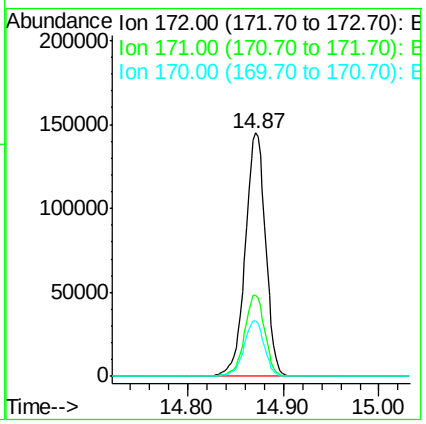


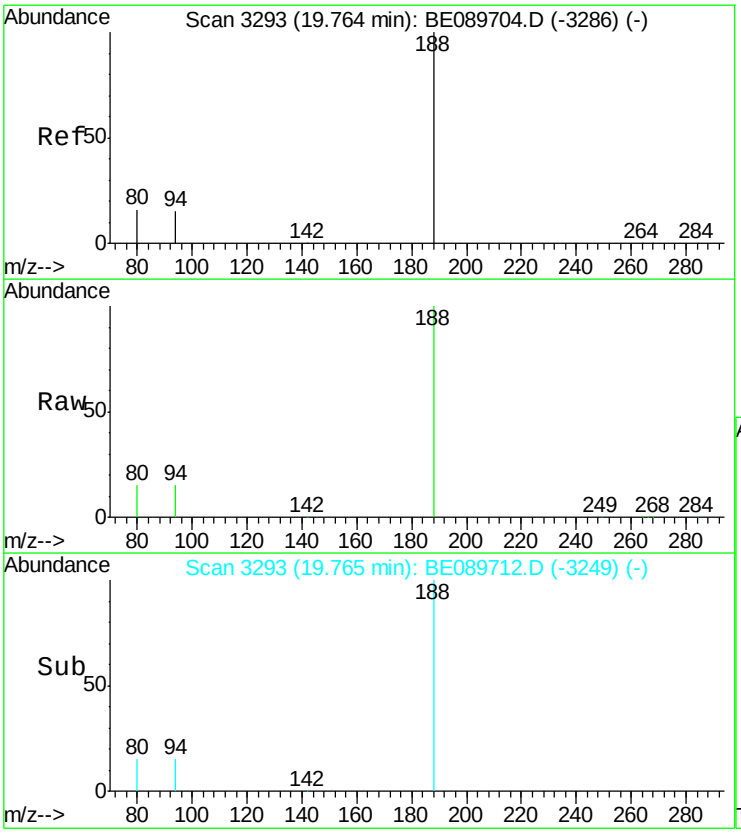
#15
2-Fluorobiphenyl
Concen: 10.29 ng
RT: 14.87 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BE089712.D
Acq: 27 Feb 2015 5:18

Instrument :
BNA_E
ClientSampleId :
MW2-022515

Tgt Ion:172 Resp: 211839

Ion	Ratio	Lower	Upper
172	100		
171	33.5	26.8	40.2
170	22.8	18.0	27.0

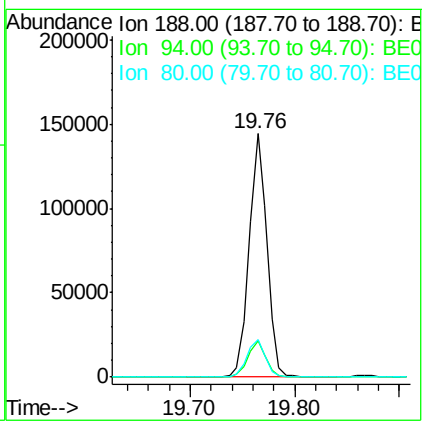


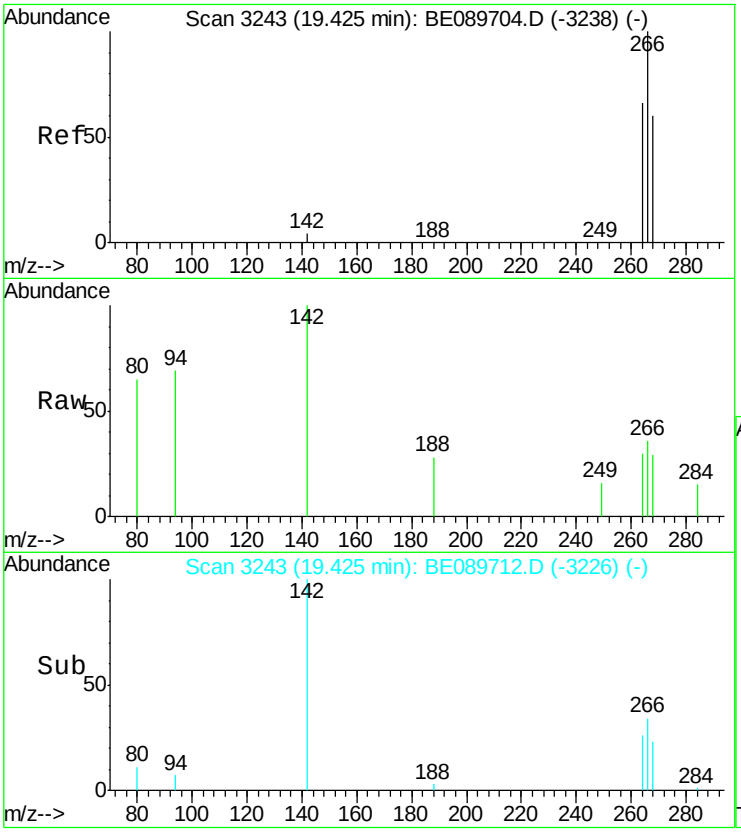


#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.76 min Scan# 3293
Delta R.T. 0.00 min
Lab File: BE089712.D
Acq: 27 Feb 2015 5:18

Tgt Ion:188 Resp: 171722

Ion	Ratio	Lower	Upper
188	100		
94	14.7	12.1	18.1
80	15.2	12.7	19.1



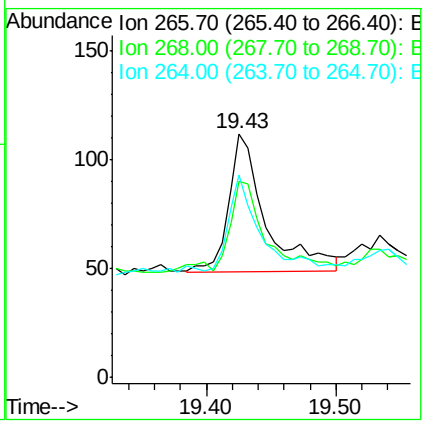


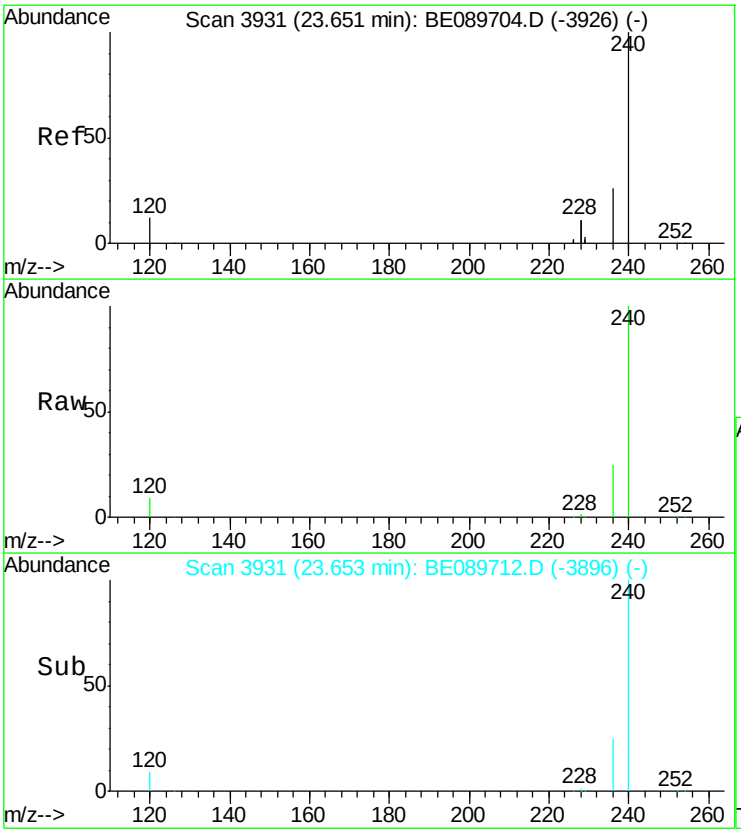
#19
Pentachlorophenol
Concen: 0.29 ng
RT: 19.43 min Scan# 3243
Delta R.T. 0.00 min
Lab File: BE089712.D
Acq: 27 Feb 2015 5:18

Instrument :
BNA_E
ClientSampleId :
MW2-022515

Tgt Ion:266 Resp: 128

Ion	Ratio	Lower	Upper
266	100		
268	80.4	51.4	77.2#
264	83.0	55.8	83.8

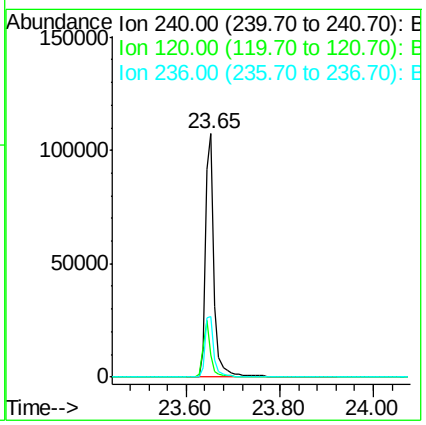


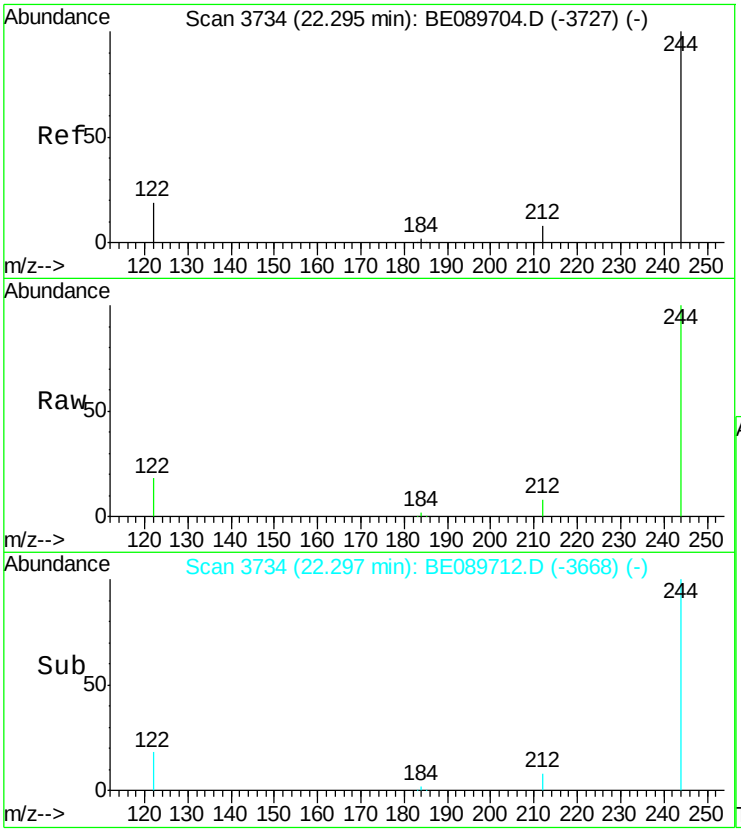


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.65 min Scan# 3931
Delta R.T. 0.00 min
Lab File: BE089712.D
Acq: 27 Feb 2015 5:18

Tgt Ion:240 Resp: 139174

Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.9	14.9#
236	24.7	21.0	31.6



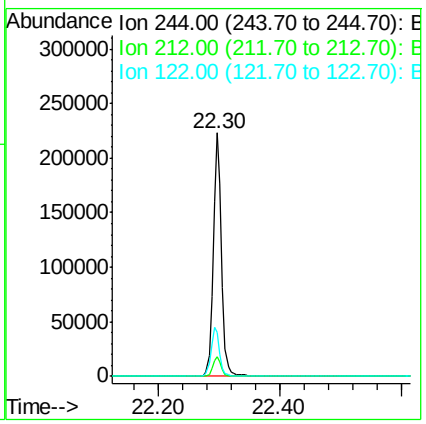


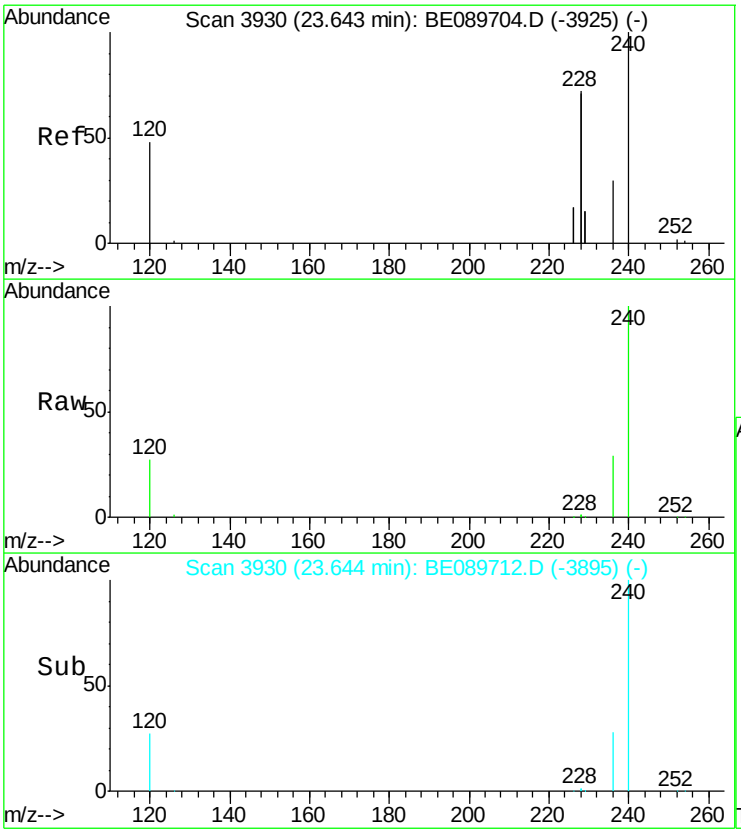
#22
Terphenyl-d14
Concen: 12.81 ng
RT: 22.30 min Scan# 3734
Delta R.T. 0.00 min
Lab File: BE089712.D
Acq: 27 Feb 2015 5:18

Instrument :
BNA_E
ClientSampleId :
MW2-022515

Tgt Ion:244 Resp: 216119

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.7	10.1
122	17.9	15.7	23.5

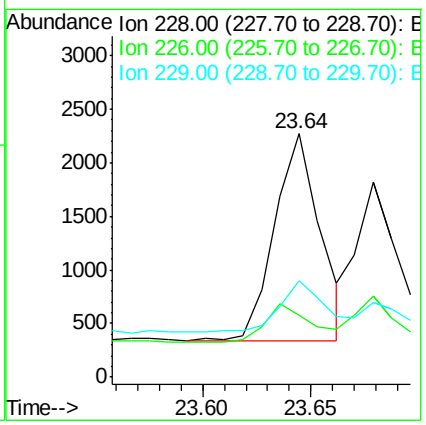


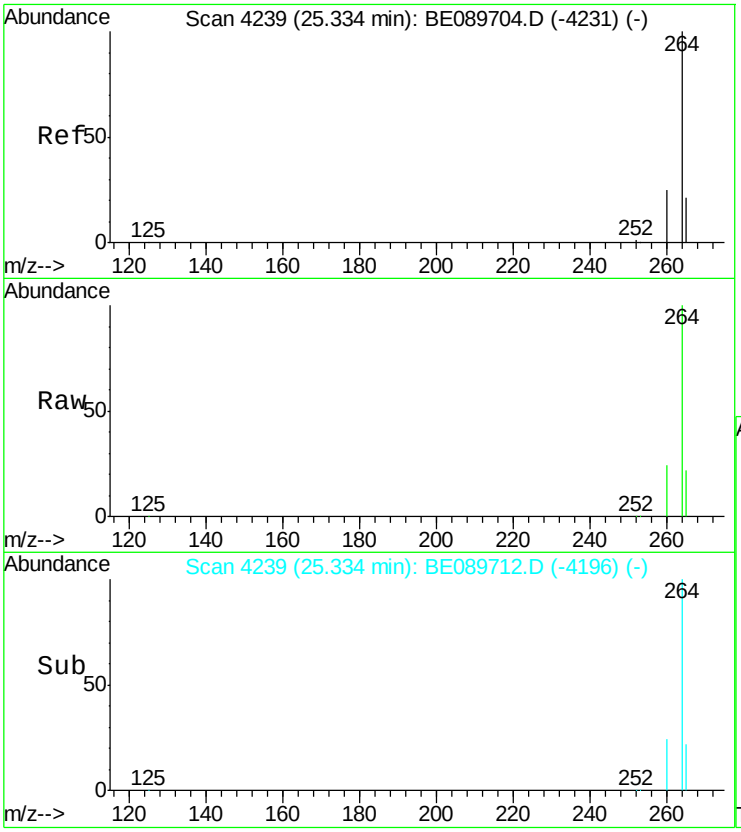


#23
Benzo(a)anthracene
Concen: 0.03 ng
RT: 23.64 min Scan# 3930
Delta R.T. 0.00 min
Lab File: BE089712.D
Acq: 27 Feb 2015 5:18

Tgt Ion:228 Resp: 2829

Ion	Ratio	Lower	Upper
228	100		
226	25.4	19.3	28.9
229	39.4	16.6	25.0#





#27
Perylene-d12
Concen: 5.00 ng
RT: 25.33 min Scan# 4239
Delta R.T. 0.00 min
Lab File: BE089712.D
Acq: 27 Feb 2015 5:18

Instrument :
BNA_E
ClientSampleId :
MW2-022515

Tgt Ion:264 Resp: 116990

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.2	30.2
265	21.7	16.9	25.3