Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082415\
Data File : BE090603.D
Acq On : 24 Aug 2015 16:21
Operator : UM/IZ
Sample : IDOC-W-BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : IDOC-W-BL

Quant Time: Aug 24 23:03:34 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 16:52:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	13949	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	57659	5.00	ng	0.00
12) Acenaphthene-d10	14.21	164	34098	5.00	ng	0.01
18) Phenanthrene-d10	16.94	188	91184	5.00	ng	0.00
25) Chrysene-d12	21.10	240	103679	5.00	ng	0.00
32) Perylene-d12	23.41	264	89605	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	28318	7.02	ng	0.00
5) Phenol-d6	6.77	99	32909	5.55	ng	0.00
7) Nitrobenzene-d5	8.74	82	16831	3.66	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	10982	8.37	ng	0.00
14) 2-Fluorobiphenyl	12.85	172	38147	3.75	ng	0.03
27) Terphenyl-d14	19.56	244	74042	3.90	ng	0.00
Target Compounds						Qvalue

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

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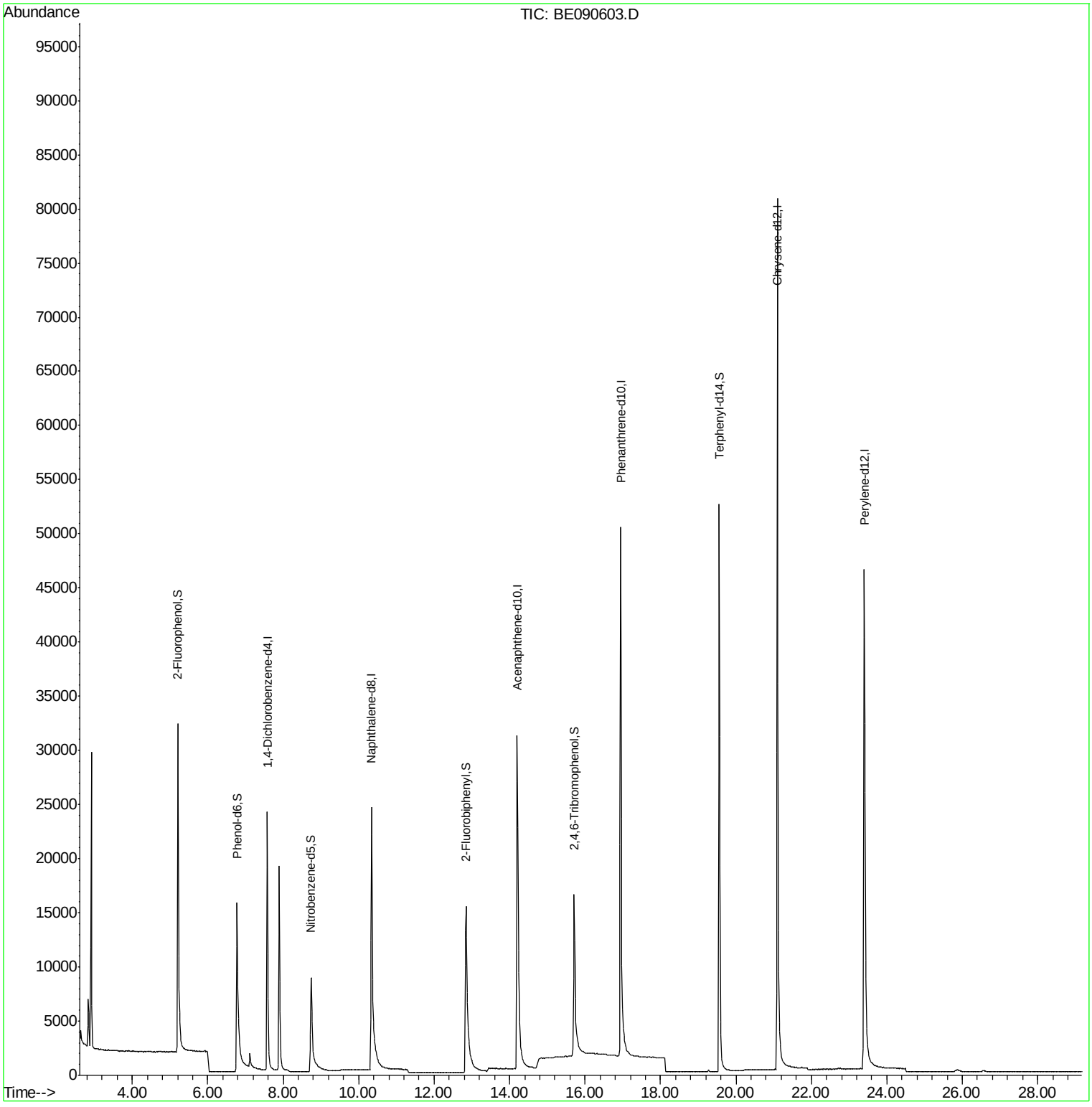
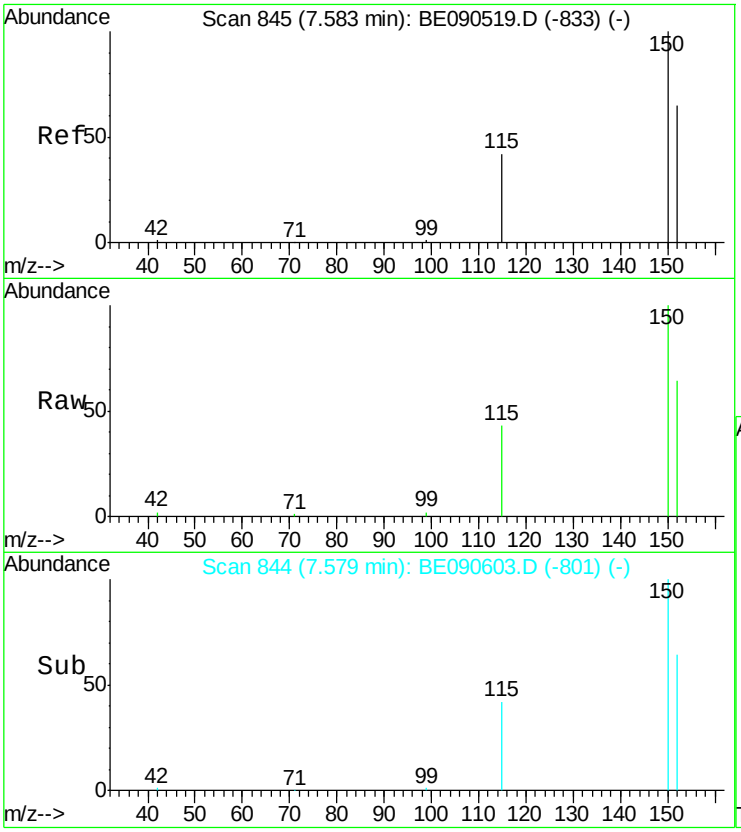


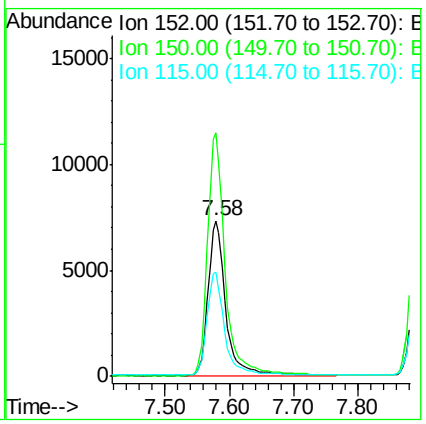


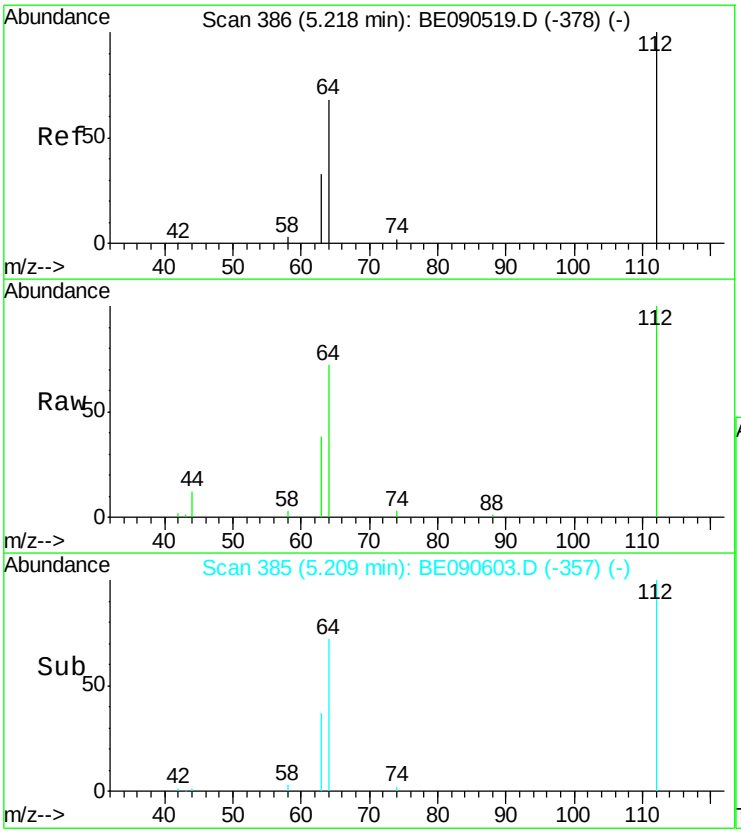
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.00 min
Lab File: BE090603.D
Acq: 24 Aug 2015 16:21

Instrument :
BNA_E
ClientSampleId :
IDOC-W-BL

Tgt Ion:152 Resp: 13949

Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.0	184.4
115	66.9	48.9	73.3

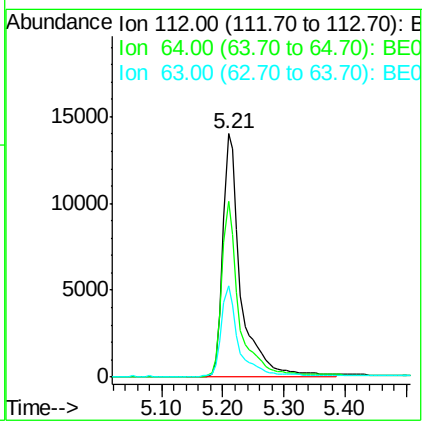


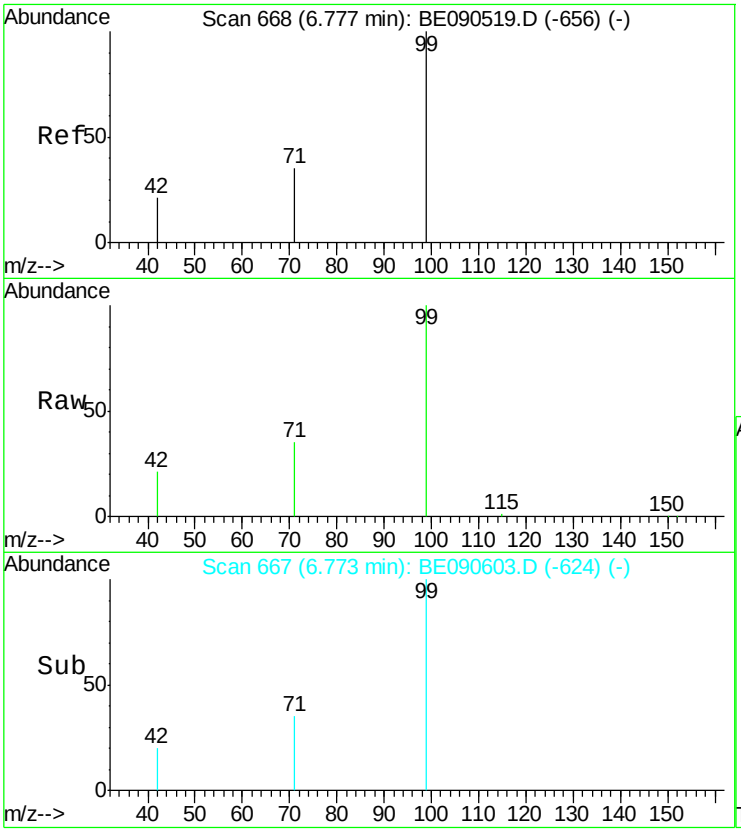


#4
2-Fluorophenol
Concen: 7.02 ng
RT: 5.21 min Scan# 385
Delta R.T. -0.01 min
Lab File: BE090603.D
Acq: 24 Aug 2015 16:21

Tgt Ion:112 Resp: 28318

Ion	Ratio	Lower	Upper
112	100		
64	69.6	37.1	55.7#
63	36.2	19.5	29.3#



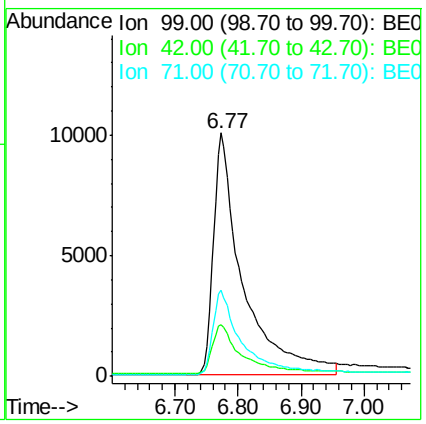


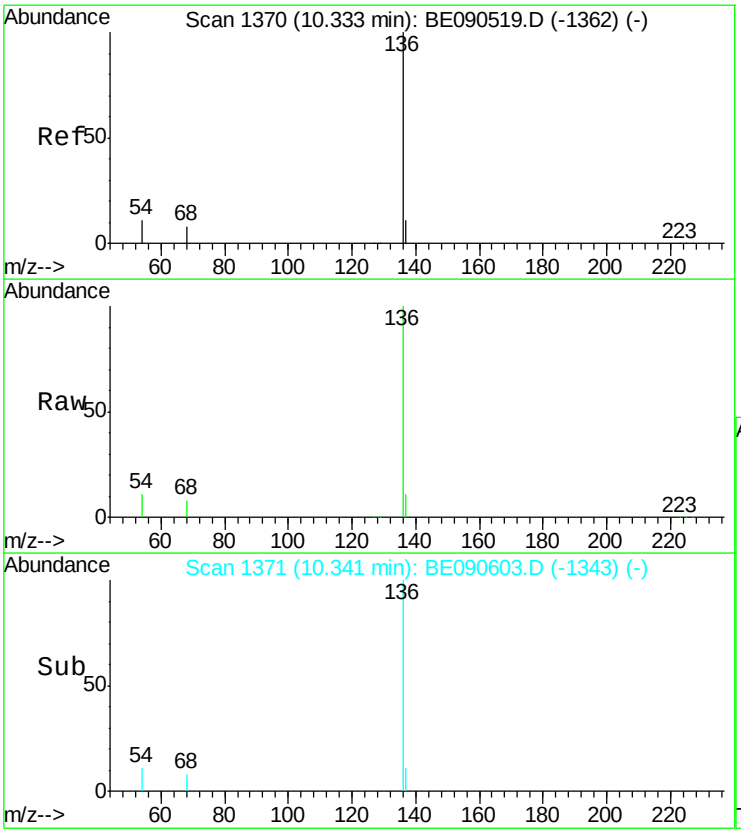
#5
Phenol-d6
Concen: 5.55 ng
RT: 6.77 min Scan# 667
Delta R.T. -0.00 min
Lab File: BE090603.D
Acq: 24 Aug 2015 16:21

Instrument :
BNA_E
ClientSampleId :
IDOC-W-BL

Tgt Ion: 99 Resp: 32909

Ion	Ratio	Lower	Upper
99	100		
42	20.9	18.2	27.4
71	35.4	27.4	41.0

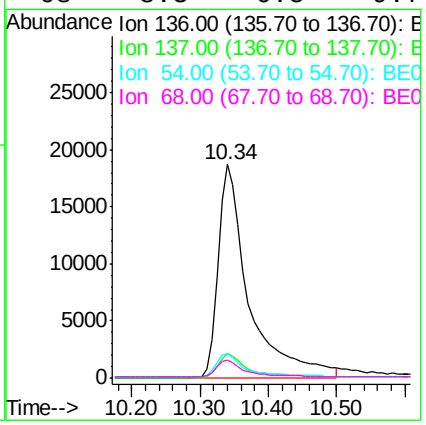


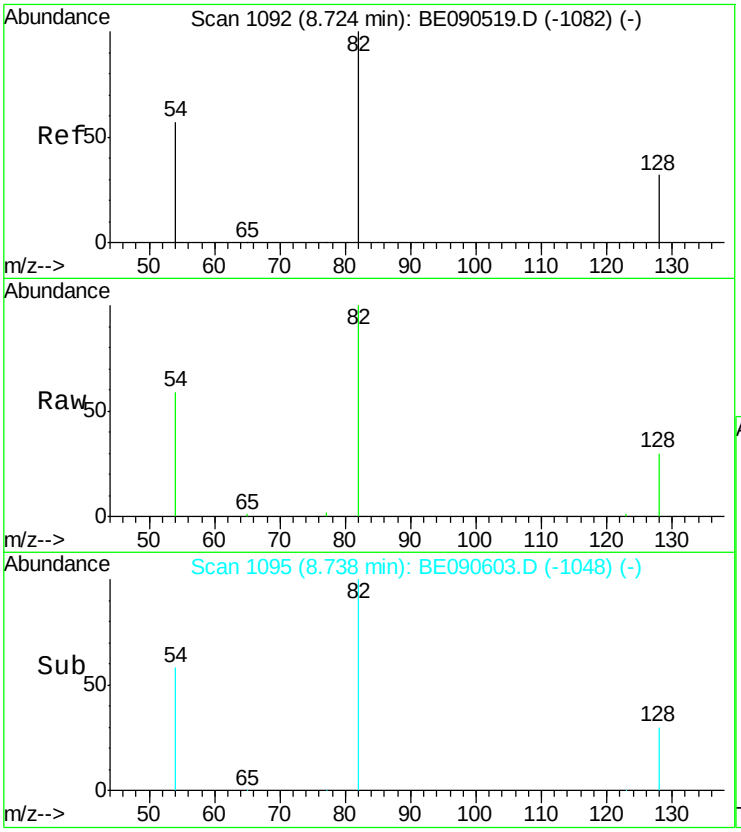


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE090603.D
Acq: 24 Aug 2015 16:21

Tgt Ion:136 Resp: 57659

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	11.3	9.4	14.0
68	8.3	6.5	9.7



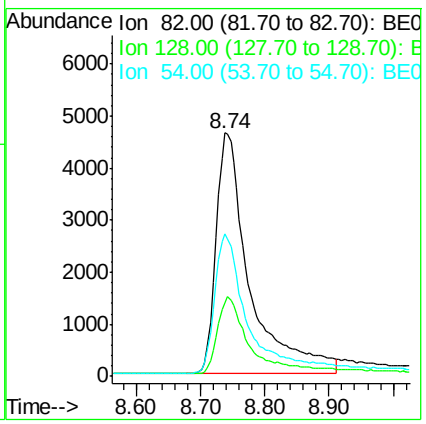


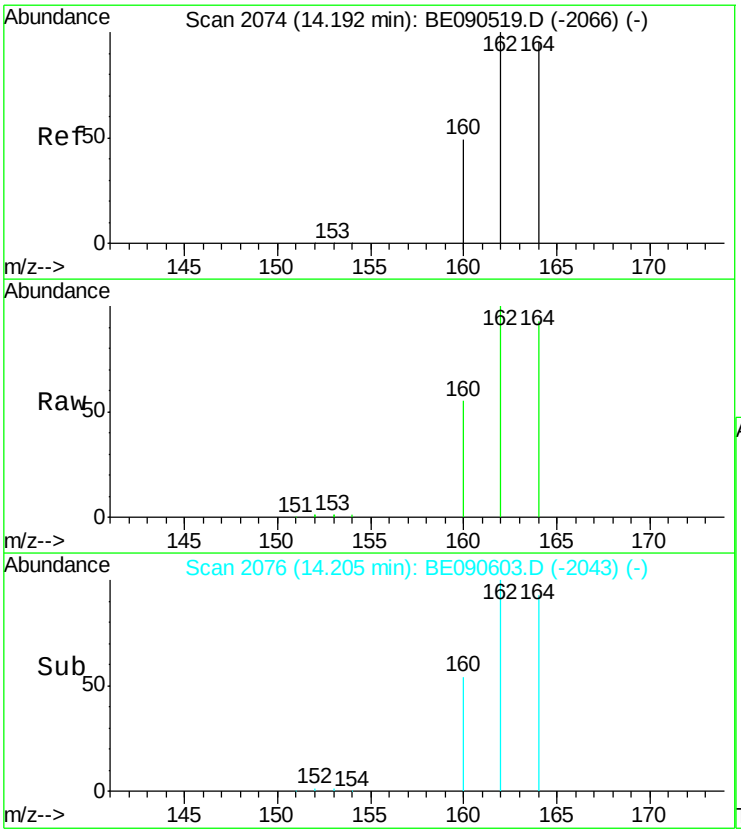
#7
Nitrobenzene-d5
Concen: 3.66 ng
RT: 8.74 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BE090603.D
Acq: 24 Aug 2015 16:21

Instrument :
BNA_E
ClientSampleId :
IDOC-W-BL

Tgt Ion: 82 Resp: 16831

Ion	Ratio	Lower	Upper
82	100		
128	30.4	25.0	37.6
54	58.5	48.8	73.2

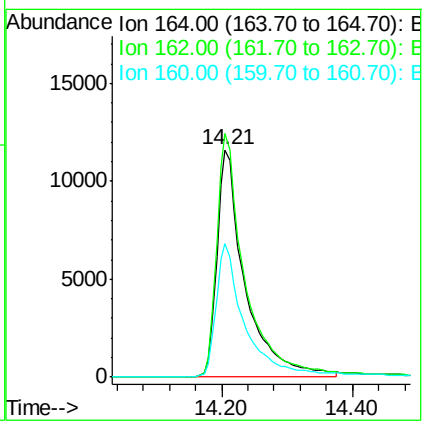


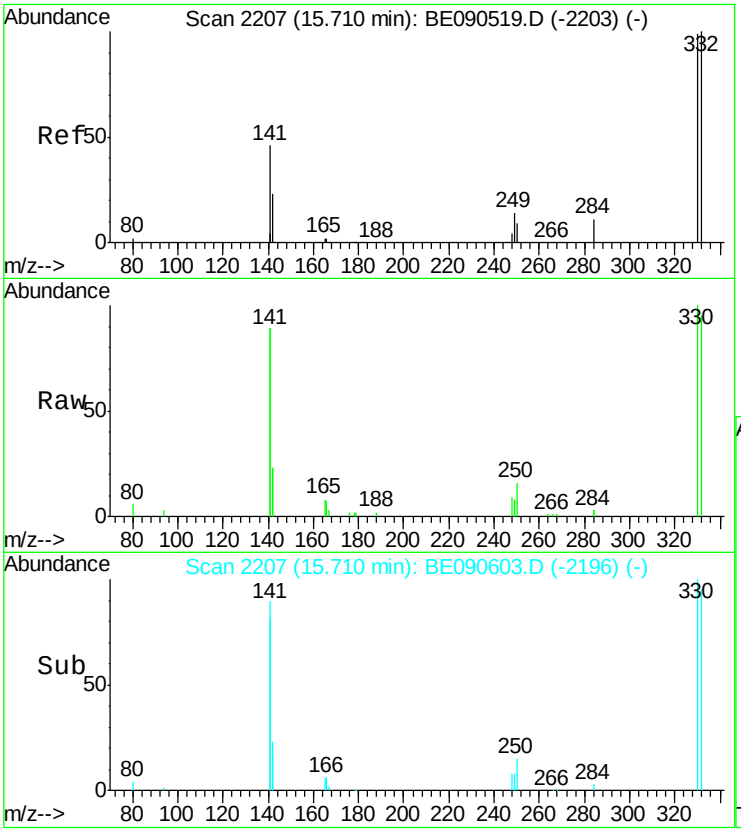


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.21 min Scan# 2076
Delta R.T. 0.01 min
Lab File: BE090603.D
Acq: 24 Aug 2015 16:21

Tgt Ion:164 Resp: 34098

Ion	Ratio	Lower	Upper
164	100		
162	107.0	81.8	122.8
160	58.5	44.2	66.4



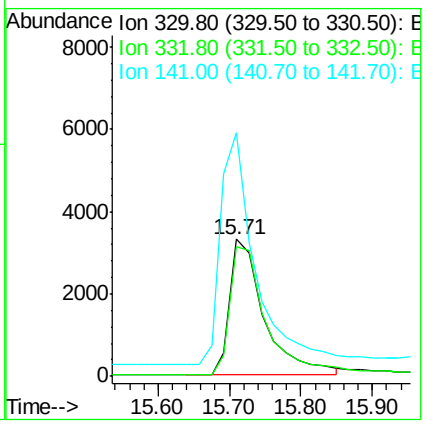


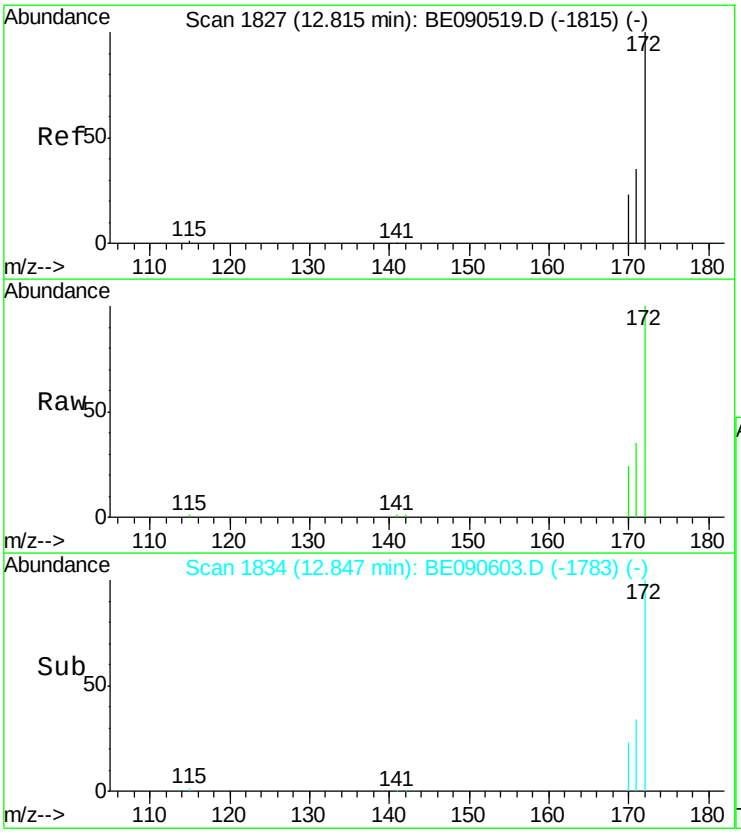
#13
2,4,6-Tribromophenol
Concen: 8.37 ng
RT: 15.71 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE090603.D
Acq: 24 Aug 2015 16:21

Instrument :
BNA_E
ClientSampleId :
IDOC-W-BL

Tgt Ion:330 Resp: 10982

Ion	Ratio	Lower	Upper
330	100		
332	98.7	75.8	113.6
141	174.6	114.4	171.6#

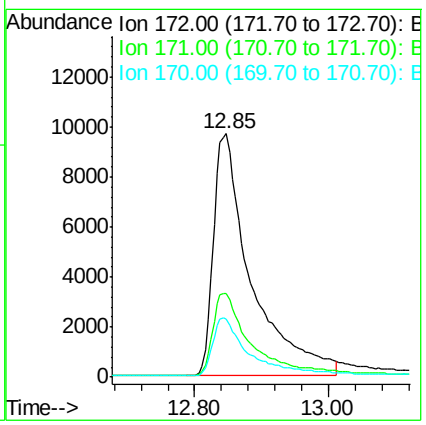


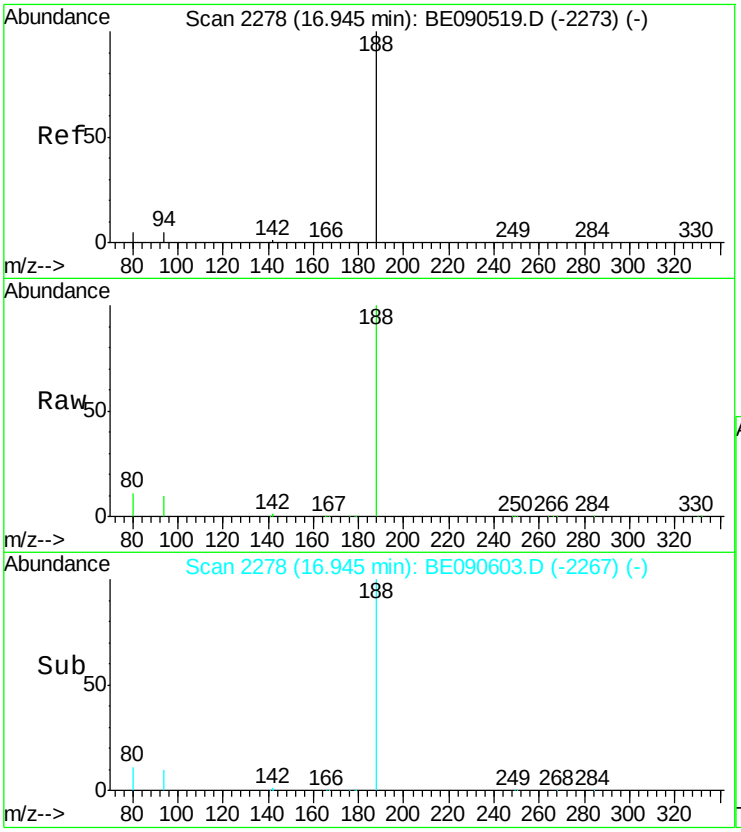


#14
2-Fluorobiphenyl
Concen: 3.75 ng
RT: 12.85 min Scan# 1834
Delta R.T. 0.03 min
Lab File: BE090603.D
Acq: 24 Aug 2015 16:21

Tgt Ion:172 Resp: 38147

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	23.6	19.8	29.8



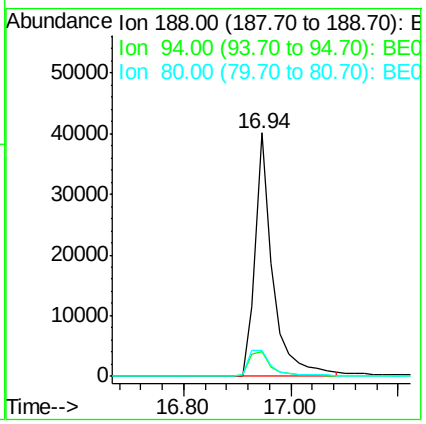


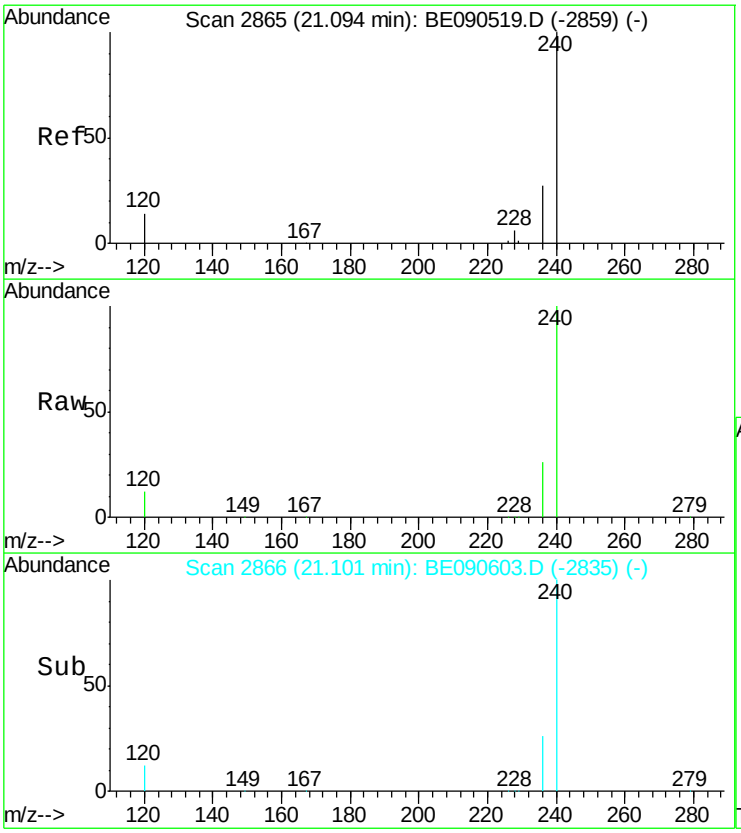
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090603.D
Acq: 24 Aug 2015 16:21

Instrument :
BNA_E
ClientSampleId :
IDOC-W-BL

Tgt Ion:188 Resp: 91184

Ion	Ratio	Lower	Upper
188	100		
94	10.0	5.7	8.5#
80	10.9	5.8	8.8#

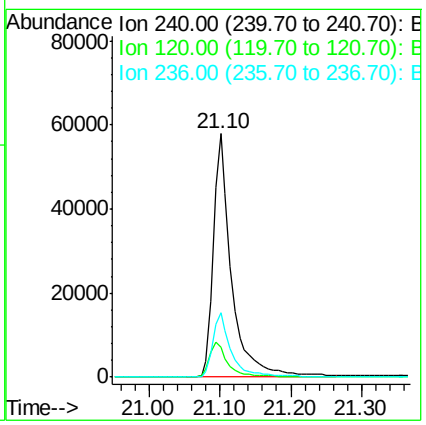


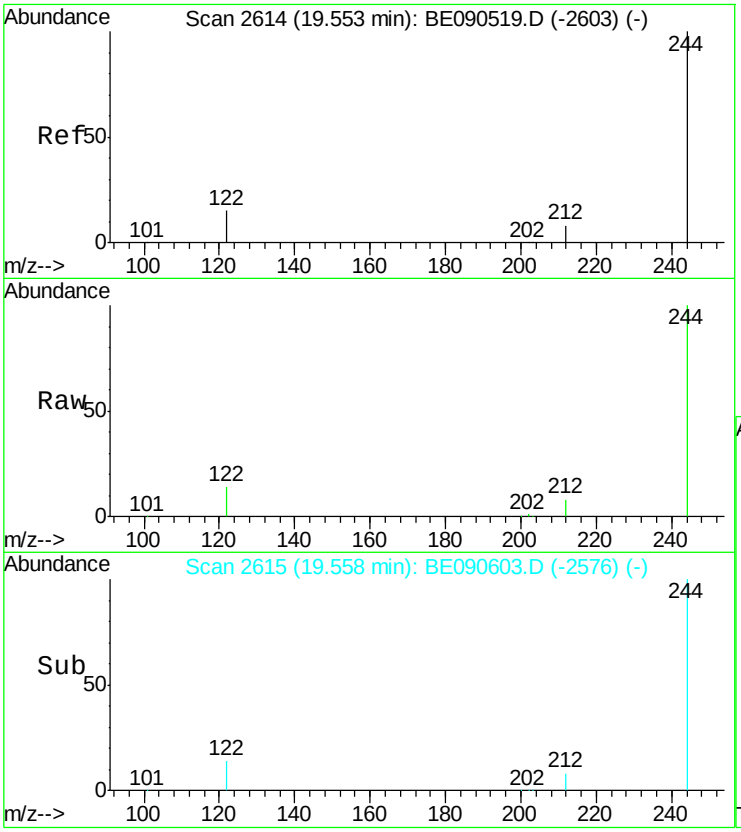


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.10 min Scan# 2866
Delta R.T. 0.01 min
Lab File: BE090603.D
Acq: 24 Aug 2015 16:21

Tgt Ion:240 Resp: 103679

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.3	12.5
236	26.4	21.0	31.4



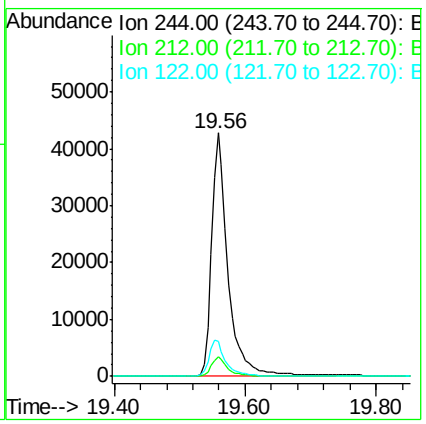


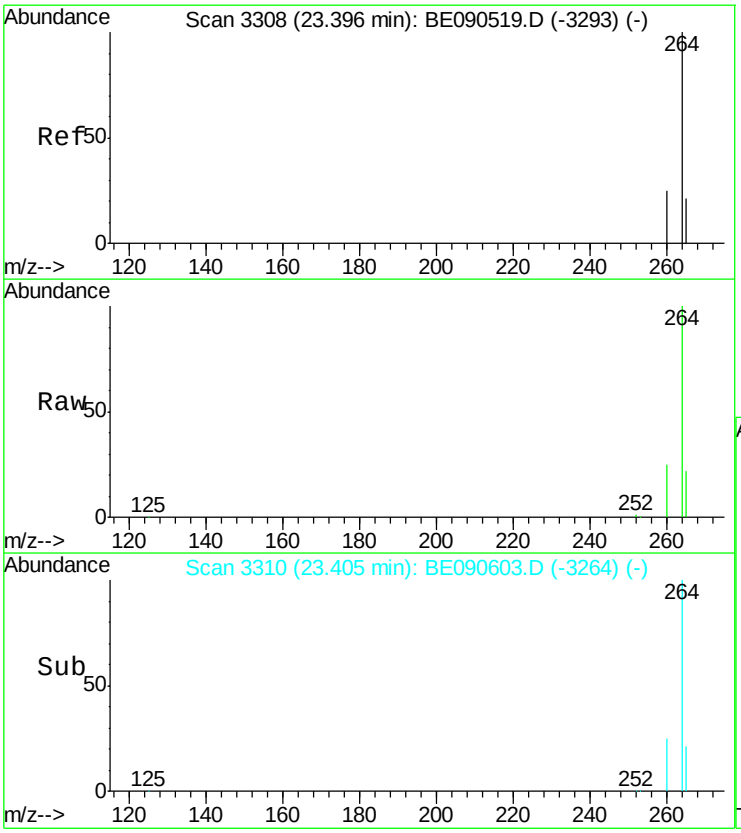
#27
Terphenyl-d14
Concen: 3.90 ng
RT: 19.56 min Scan# 2615
Delta R.T. 0.01 min
Lab File: BE090603.D
Acq: 24 Aug 2015 16:21

Instrument :
BNA_E
ClientSampleId :
IDOC-W-BL

Tgt Ion:244 Resp: 74042

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	9.8
122	14.1	10.2	15.4





#32
Perylene-d12
Concen: 5.00 ng
RT: 23.41 min Scan# 3310
Delta R.T. 0.01 min
Lab File: BE090603.D
Acq: 24 Aug 2015 16:21

Tgt Ion:264 Resp: 89605

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	21.7	17.2	25.8