Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032816\
Data File : BE091539.D
Acq On : 28 Mar 2016 14:43
Operator : UM/SJ
Sample : PB88878BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB88878BL

Quant Time: Mar 29 01:14:39 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:00:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	36023	5.00	ng	0.00
6) Naphthalene-d8	10.59	136	174127	5.00	ng	0.00
10) Acenaphthene-d10	14.43	164	102113	5.00	ng	-0.01
16) Phenanthrene-d10	17.17	188	257519	5.00	ng	0.00
22) Chrysene-d12	21.33	240	261408	5.00	ng	0.00
28) Perylene-d12	23.78	264	269356	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	63337	9.02	ng	-0.02
5) Phenol-d6	6.97	99	90824	9.48	ng	-0.02
7) Nitrobenzene-d5	8.97	82	32280	4.27	ng	-0.01
11) 2,4,6-Tribromophenol	15.91	330	19904	11.46	ng	-0.01
12) 2-Fluorobiphenyl	13.06	172	118628	4.12	ng	-0.01
24) Terphenyl-d14	19.78	244	196581	4.57	ng	0.00
Target Compounds						Qvalue

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

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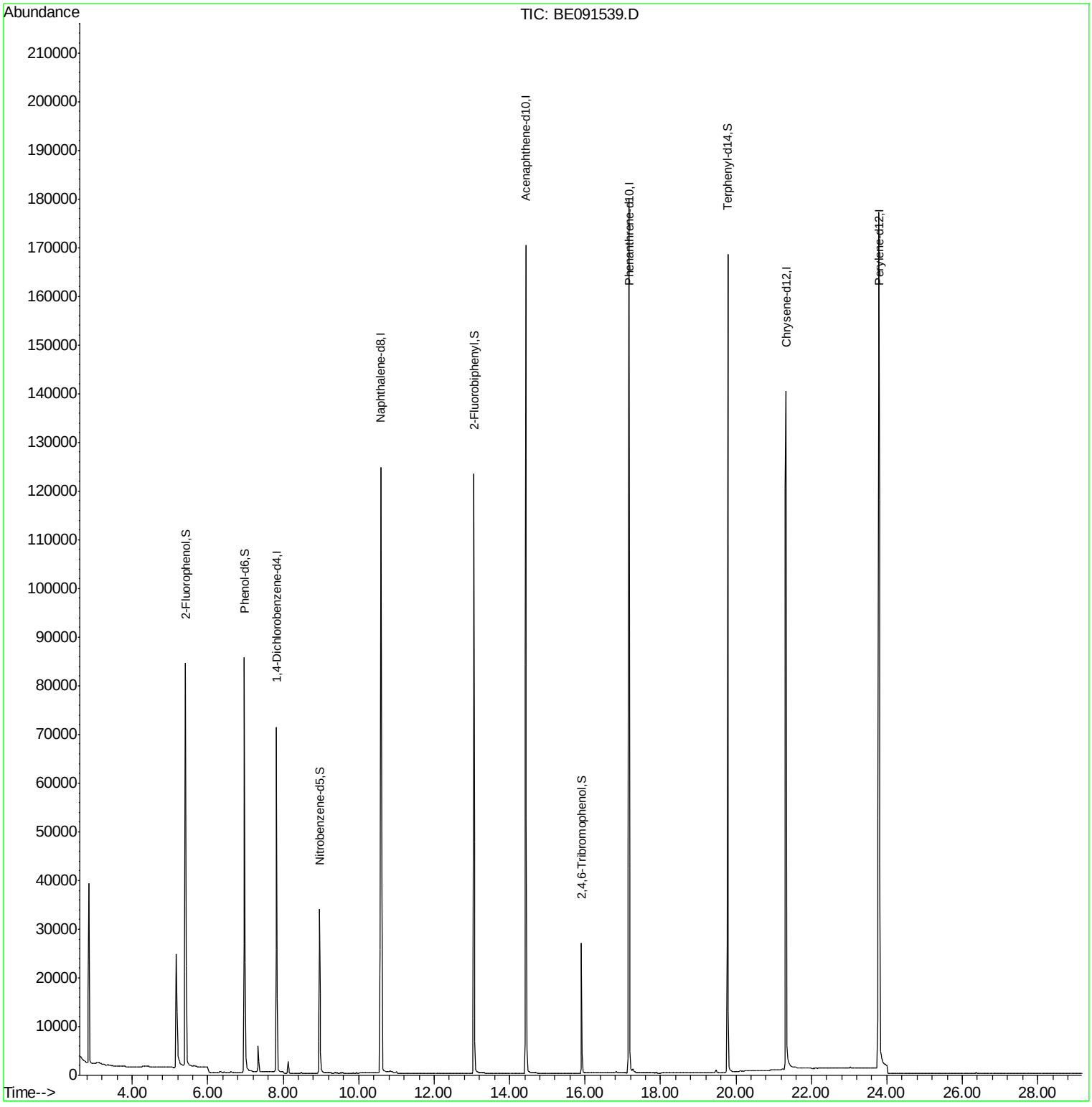
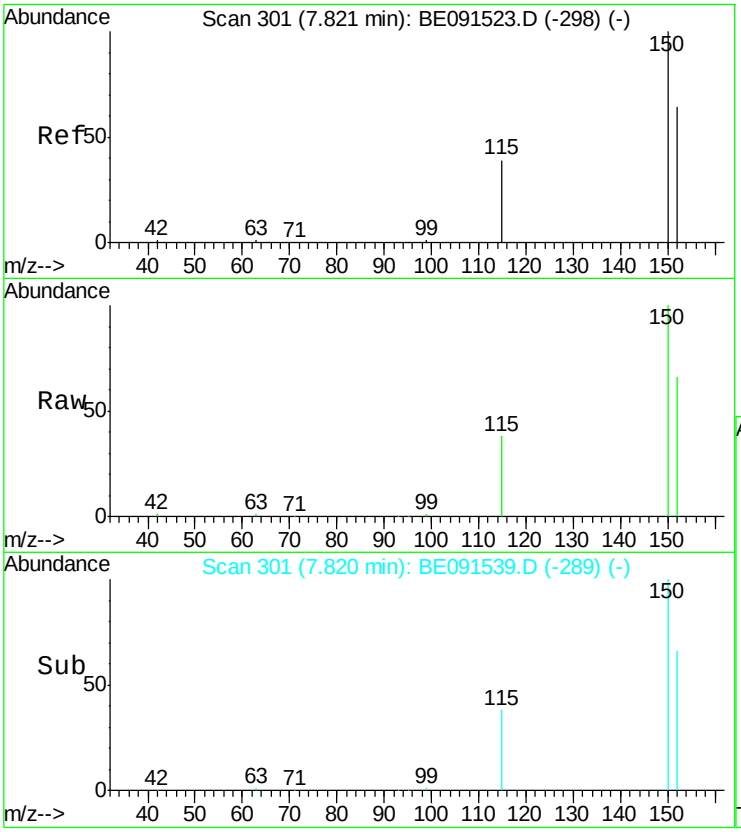


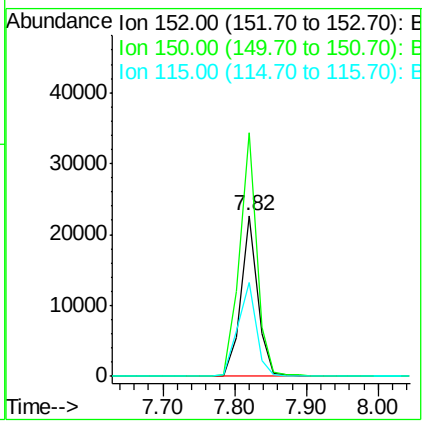


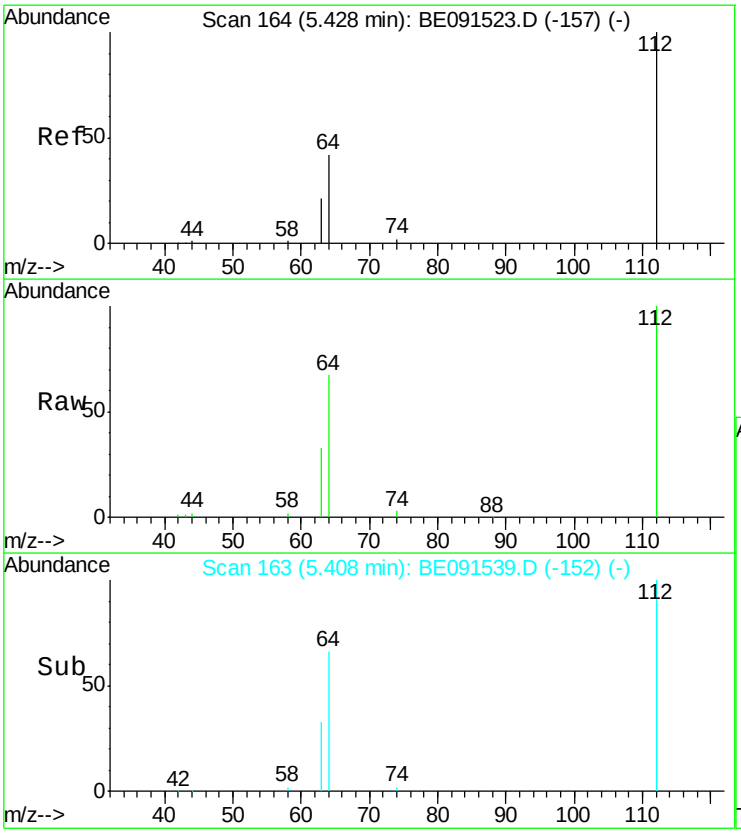
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.82 min Scan# 301
Delta R.T. 0.00 min
Lab File: BE091539.D
Acq: 28 Mar 2016 14:43

Instrument :
BNA_E
ClientSampleId :
PB88878BL

Tgt Ion:152 Resp: 36023

Ion	Ratio	Lower	Upper
152	100		
150	151.7	122.2	183.2
115	58.4	45.9	68.9

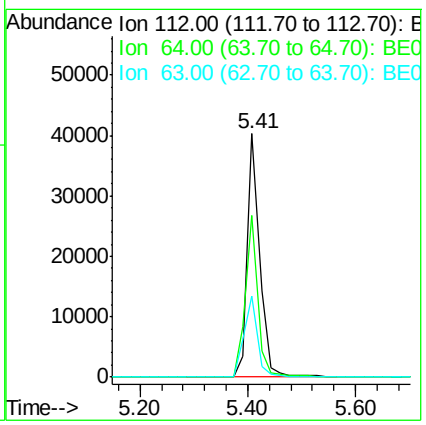


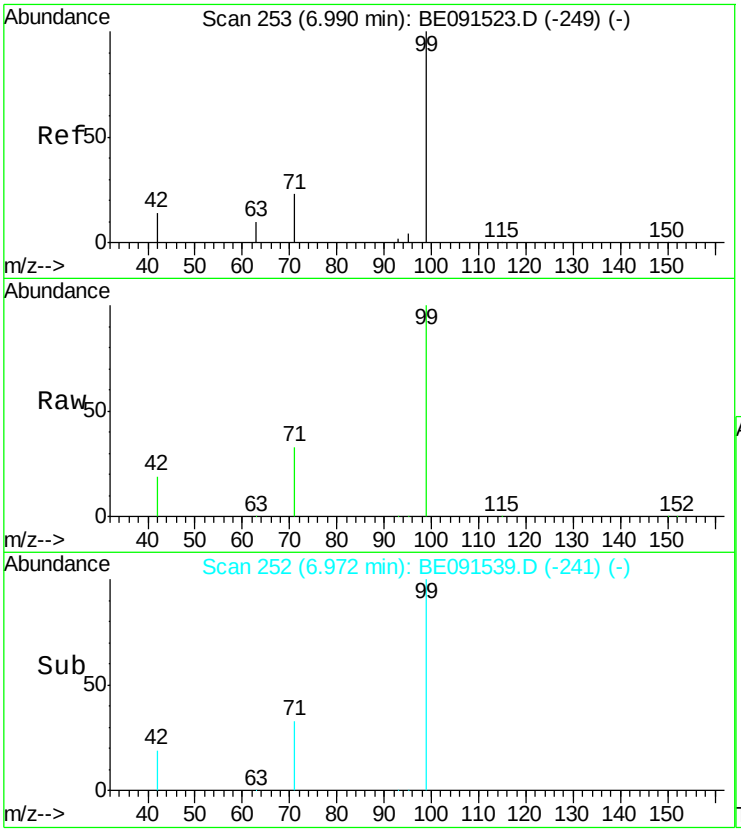


#4
2-Fluorophenol
Concen: 9.02 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.02 min
Lab File: BE091539.D
Acq: 28 Mar 2016 14:43

Tgt Ion:112 Resp: 63337

Ion	Ratio	Lower	Upper
112	100		
64	67.3	53.3	79.9
63	36.6	29.8	44.8



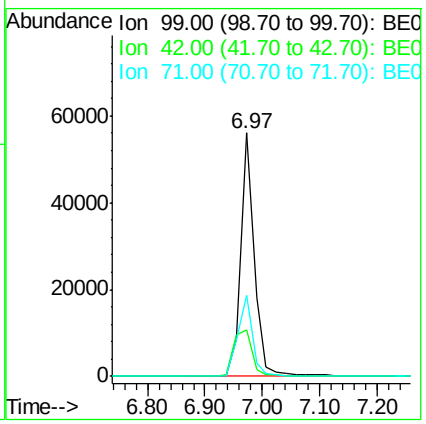


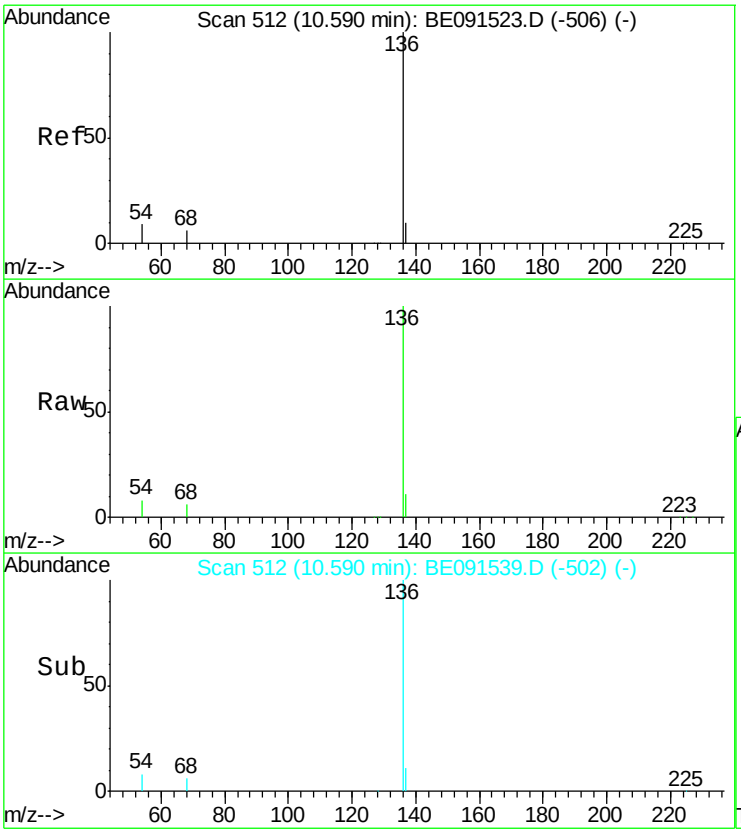
#5
Phenol-d6
Concen: 9.48 ng
RT: 6.97 min Scan# 252
Delta R.T. -0.02 min
Lab File: BE091539.D
Acq: 28 Mar 2016 14:43

Instrument :
BNA_E
ClientSampleId :
PB88878BL

Tgt Ion: 99 Resp: 90824

Ion	Ratio	Lower	Upper
99	100		
42	25.6	20.6	30.8
71	35.8	29.0	43.4

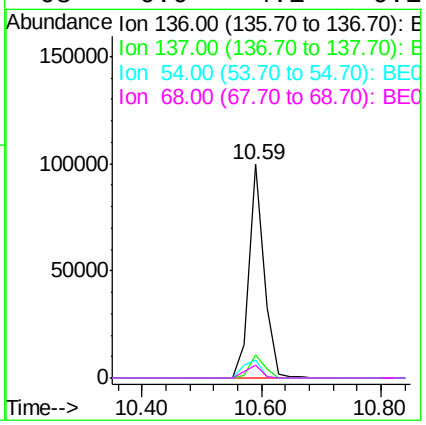


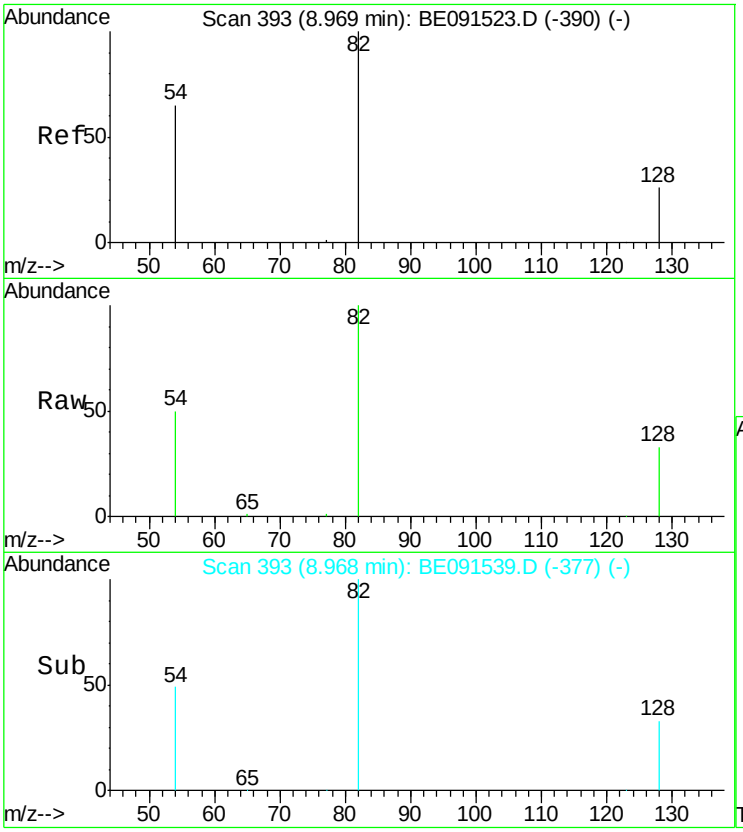


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.59 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE091539.D
Acq: 28 Mar 2016 14:43

Tgt Ion:136 Resp: 174127

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.4	5.2	7.8#
68	6.0	4.1	6.1



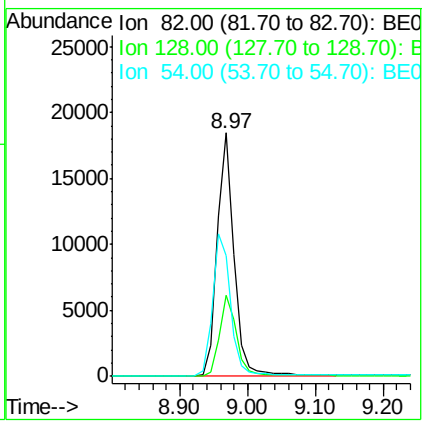


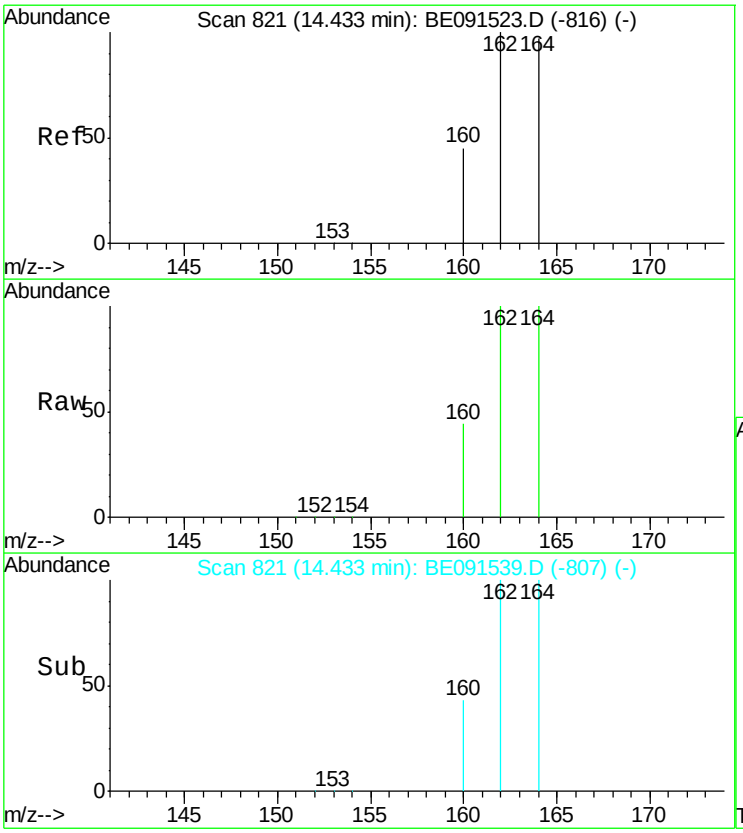
#7
Nitrobenzene-d5
Concen: 4.27 ng
RT: 8.97 min Scan# 393
Delta R.T. -0.01 min
Lab File: BE091539.D
Acq: 28 Mar 2016 14:43

Instrument :
BNA_E
ClientSampleId :
PB88878BL

Tgt Ion: 82 Resp: 32280

Ion	Ratio	Lower	Upper
82	100		
128	33.4	23.5	35.3
54	49.6	52.4	78.6#

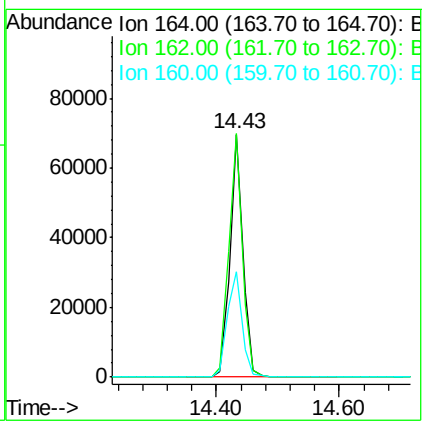


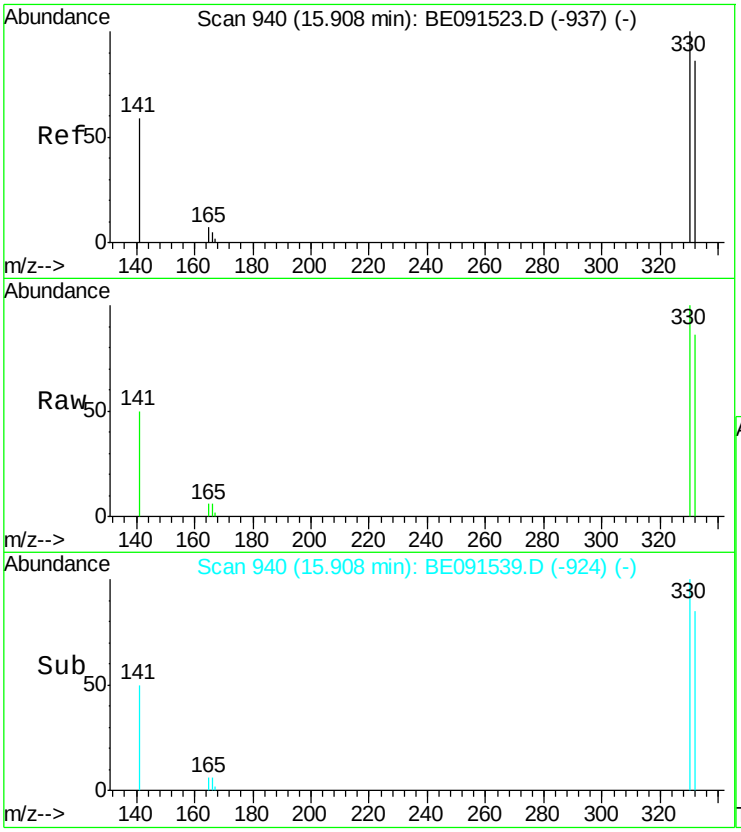


#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.43 min Scan# 821
Delta R.T. -0.01 min
Lab File: BE091539.D
Acq: 28 Mar 2016 14:43

Tgt Ion:164 Resp: 102113

Ion	Ratio	Lower	Upper
164	100		
162	100.3	84.4	126.6
160	43.7	37.7	56.5



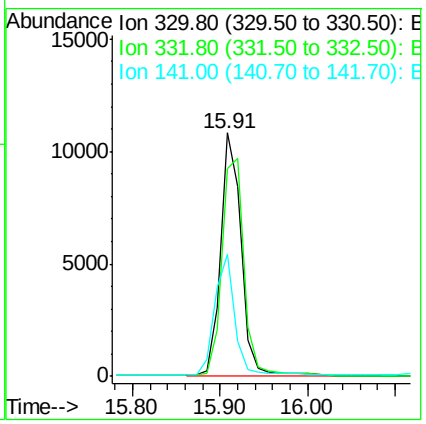


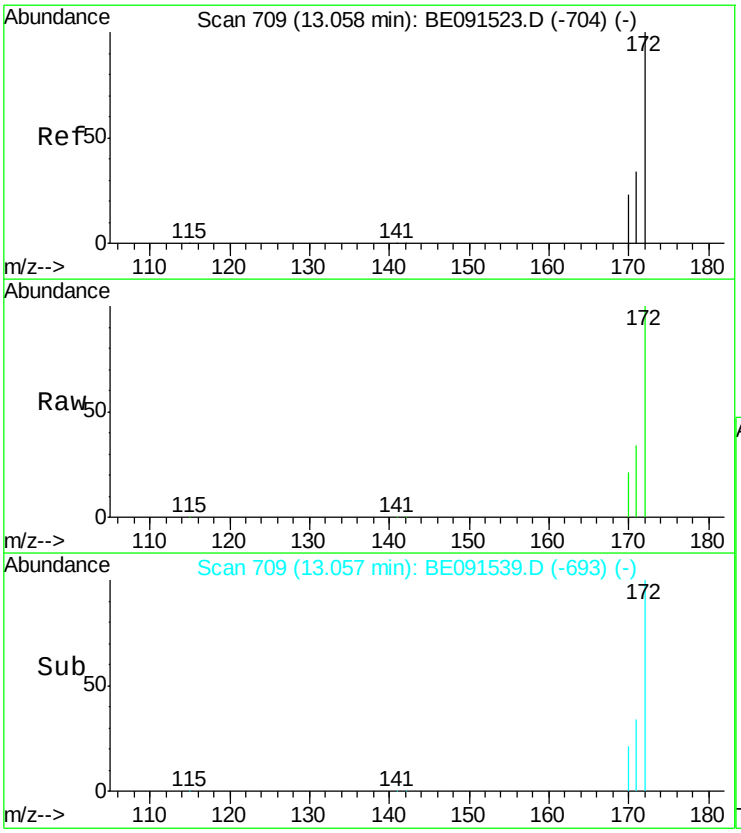
#11
2,4,6-Tribromophenol
Concen: 11.46 ng
RT: 15.91 min Scan# 940
Delta R.T. -0.01 min
Lab File: BE091539.D
Acq: 28 Mar 2016 14:43

Instrument :
BNA_E
ClientSampleId :
PB88878BL

Tgt Ion:330 Resp: 19904

Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.2	118.8
141	47.0	28.1	42.1#

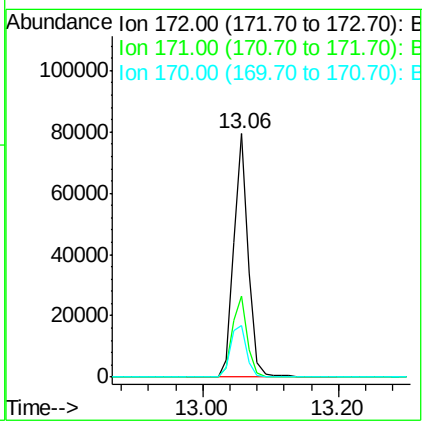


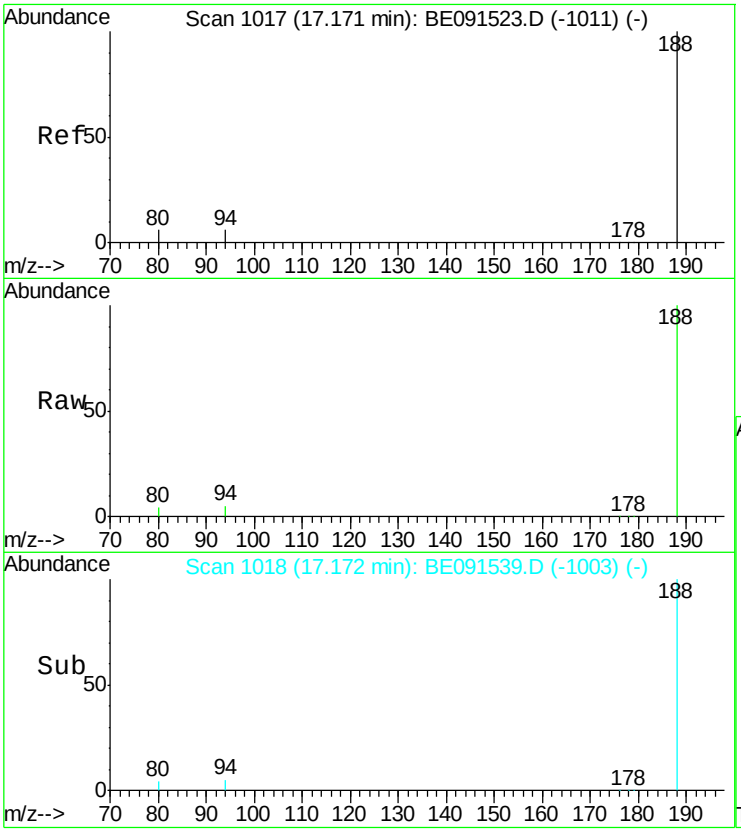


#12
2-Fluorobiphenyl
Concen: 4.12 ng
RT: 13.06 min Scan# 709
Delta R.T. -0.01 min
Lab File: BE091539.D
Acq: 28 Mar 2016 14:43

Tgt Ion:172 Resp: 118628

Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.8	44.8
170	21.3	21.4	32.2#



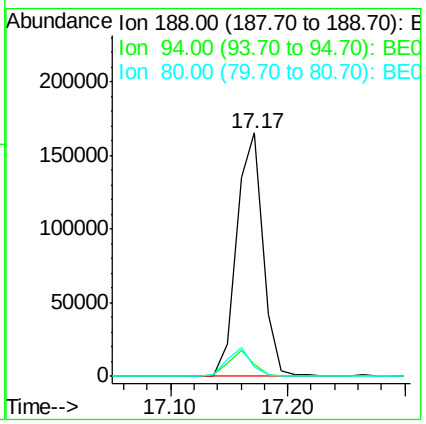


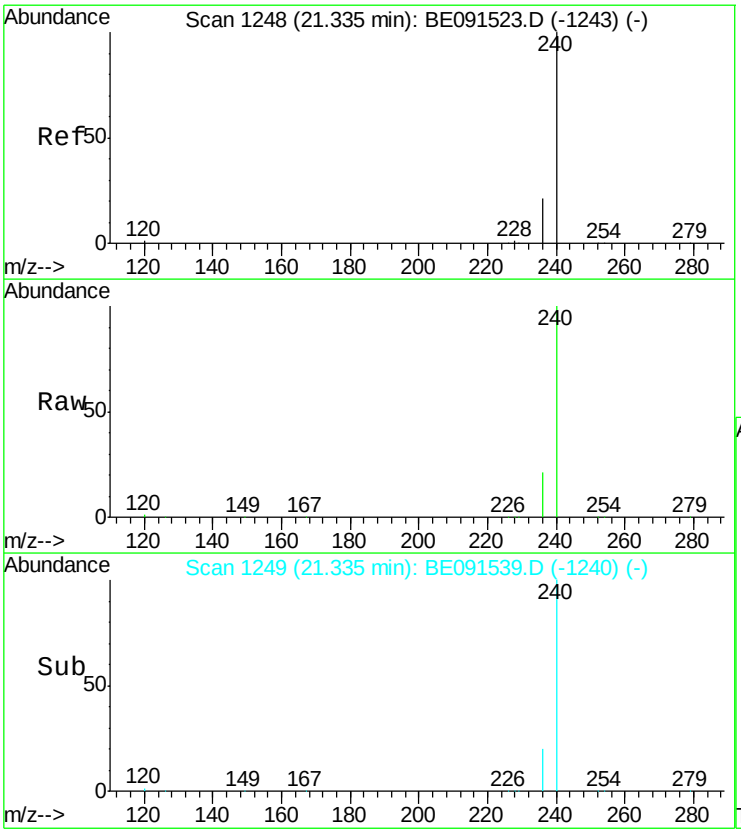
#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.17 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE091539.D
Acq: 28 Mar 2016 14:43

Instrument :
BNA_E
ClientSampleId :
PB88878BL

Tgt Ion:188 Resp: 257519

Ion	Ratio	Lower	Upper
188	100		
94	4.6	5.4	8.2#
80	3.9	5.0	7.4#

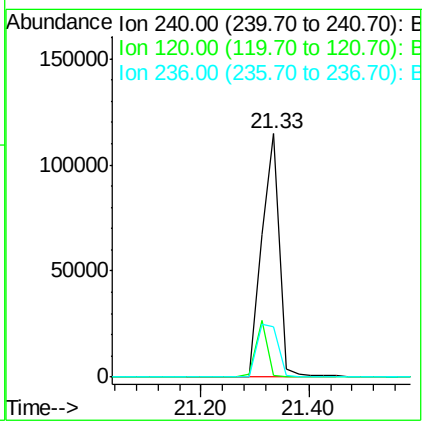


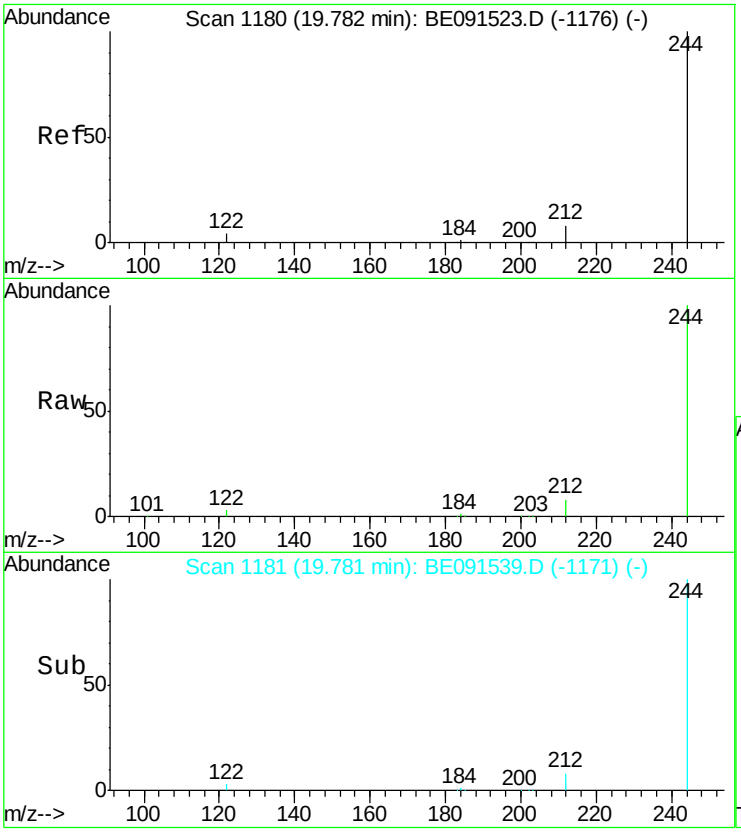


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.33 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BE091539.D
Acq: 28 Mar 2016 14:43

Tgt Ion:240 Resp: 261408

Ion	Ratio	Lower	Upper
240	100		
120	0.9	4.0	6.0#
236	20.5	23.0	34.4#



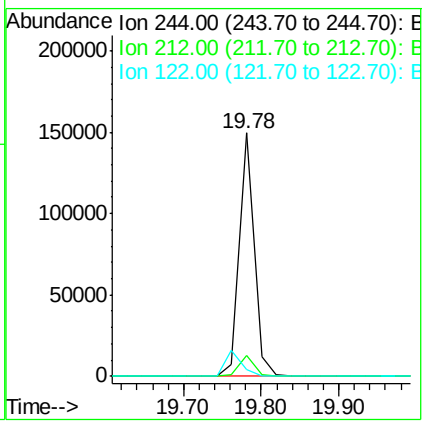


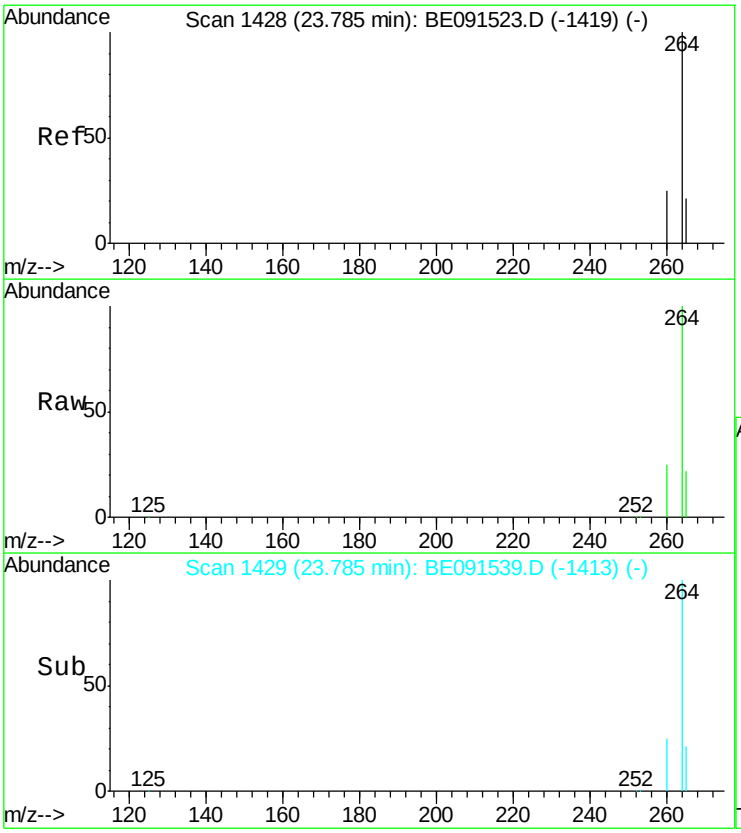
#24
Terphenyl-d14
Concen: 4.57 ng
RT: 19.78 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BE091539.D
Acq: 28 Mar 2016 14:43

Instrument :
BNA_E
ClientSampleId :
PB88878BL

Tgt Ion:244 Resp: 196581

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	2.6	1.8	2.8





#28
Perylene-d12
Concen: 5.00 ng
RT: 23.78 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BE091539.D
Acq: 28 Mar 2016 14:43

Tgt Ion:264 Resp: 269356

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	22.2	18.3	27.5