Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
Data File : BE091810.D
Acq On : 19 May 2016 15:08
Operator : UM/SJ
Sample : PB90668BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB90668BL

Quant Time: May 20 04:56:24 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 15:36:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	22248	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	113054	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	77124	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	215004	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	276479	5.00	ng	-0.02
35) Perylene-d12	23.73	264	241400	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	40742	7.01	ng	-0.01
5) Phenol-d6	6.95	99	60173	7.35	ng	0.00
8) Nitrobenzene-d5	8.93	82	26716	3.57	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	22798	7.61	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	83411	3.82	ng	-0.01
29) Terphenyl-d14	19.74	244	161142	4.12	ng	-0.02
Target Compounds						Qvalue

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

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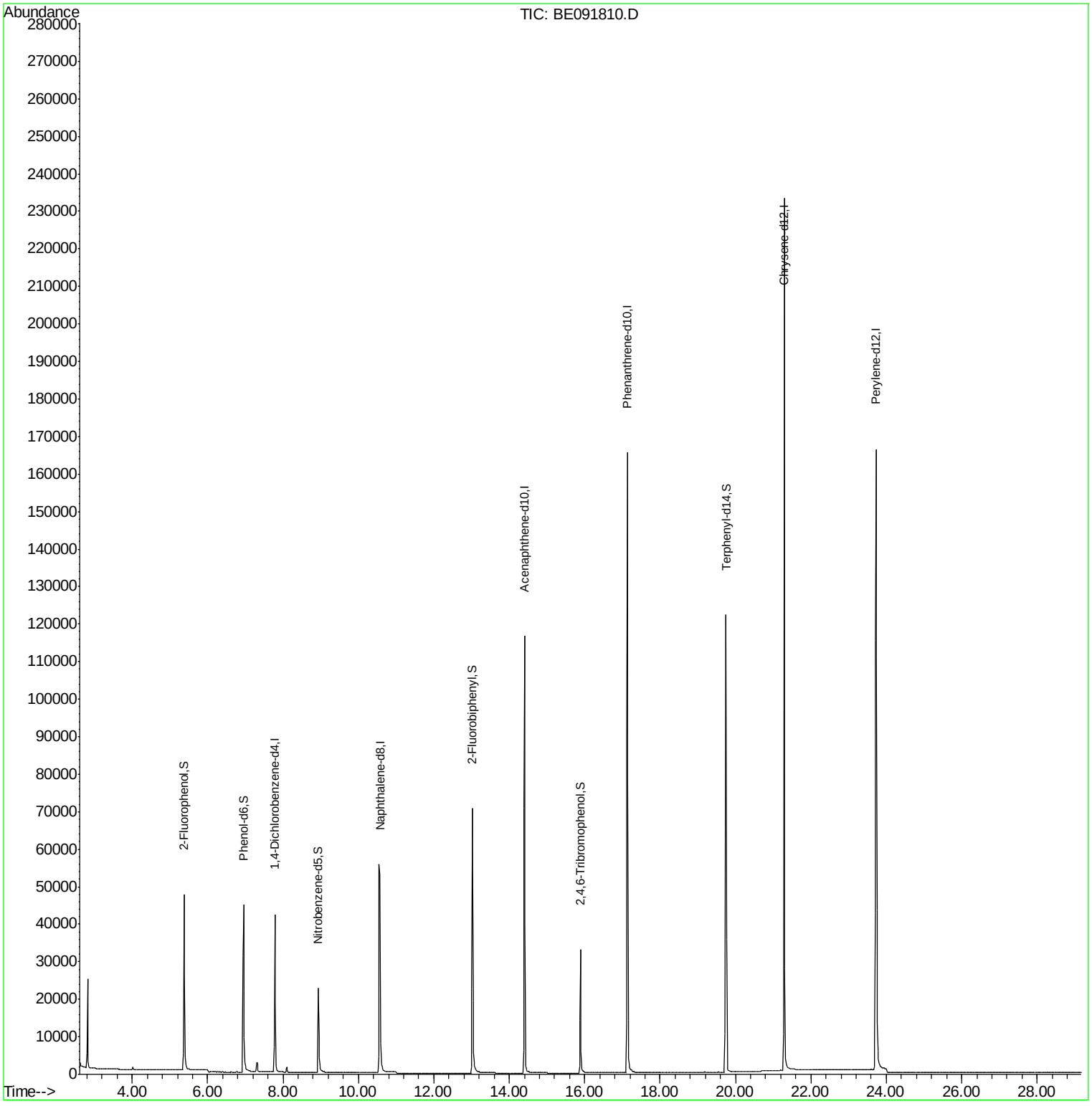
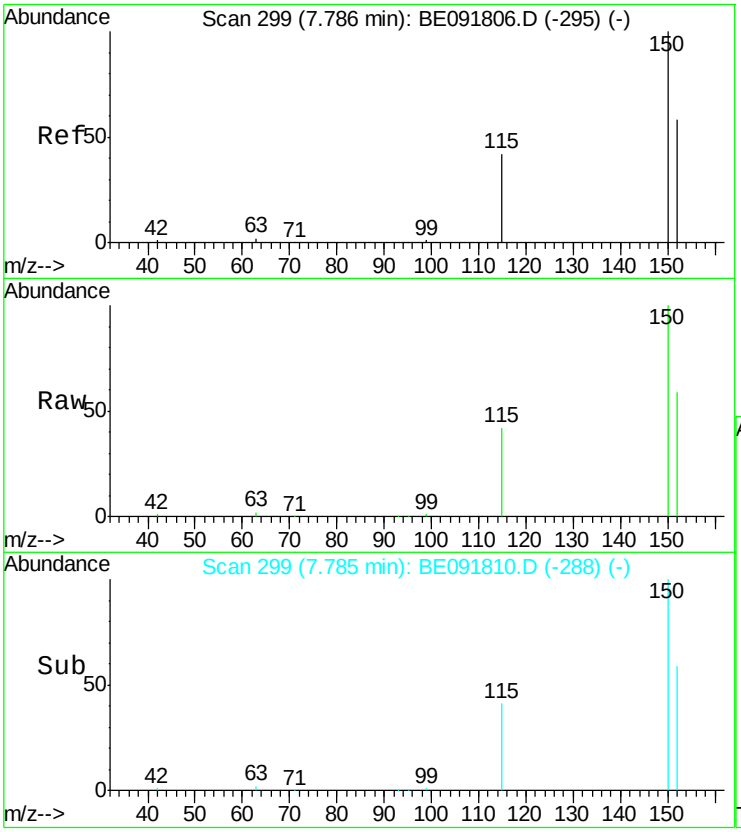


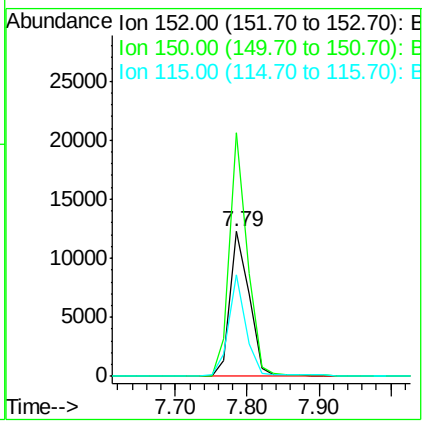


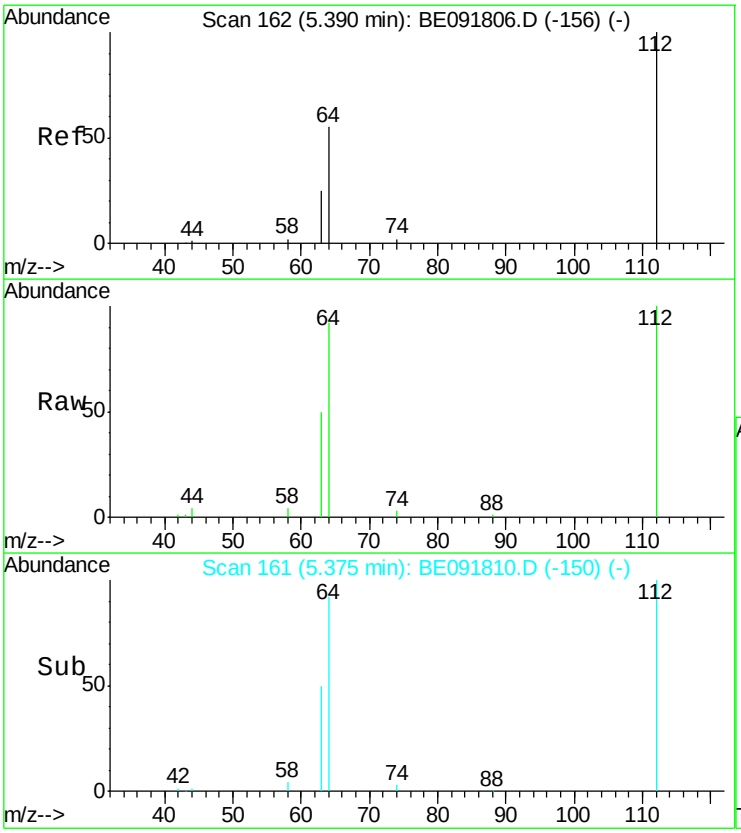
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.79 min Scan# 299
Delta R.T. -0.02 min
Lab File: BE091810.D
Acq: 19 May 2016 15:08

Instrument :
BNA_E
ClientSampleId :
PB90668BL

Tgt Ion:152 Resp: 22248

Ion	Ratio	Lower	Upper
152	100		
150	168.2	122.6	183.8
115	70.1	52.8	79.2

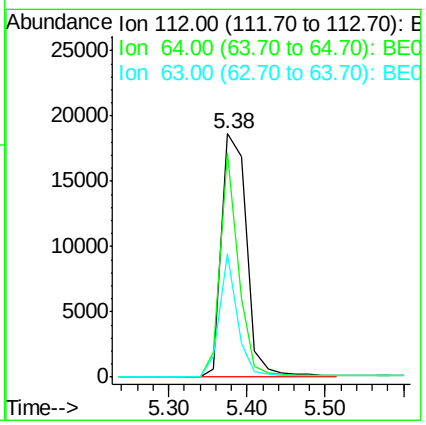


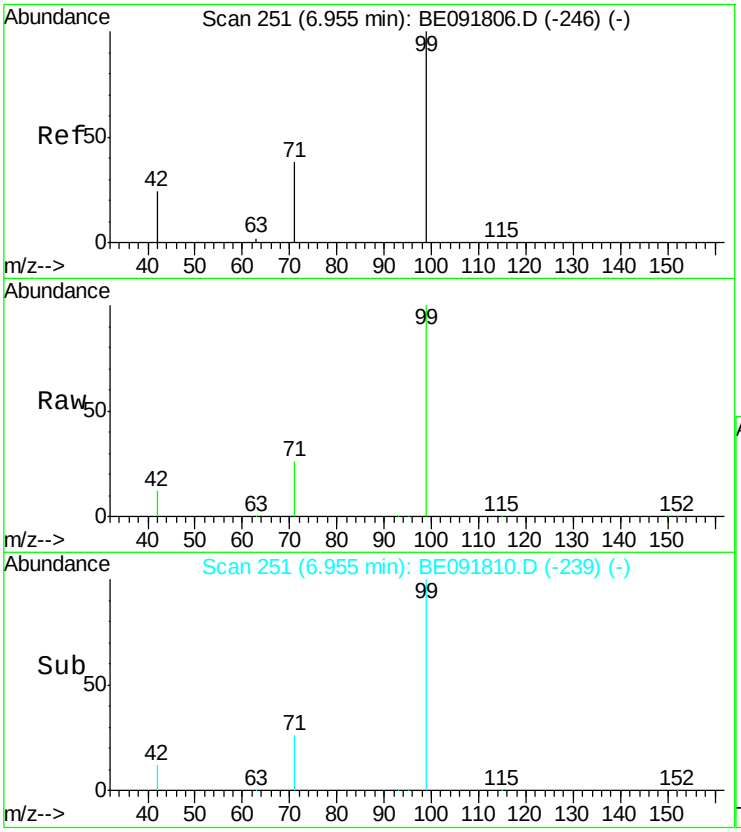


#4
2-Fluorophenol
Concen: 7.01 ng
RT: 5.38 min Scan# 161
Delta R.T. -0.01 min
Lab File: BE091810.D
Acq: 19 May 2016 15:08

Tgt Ion:112 Resp: 40742

Ion	Ratio	Lower	Upper
112	100		
64	67.5	30.9	46.3#
63	35.8	16.7	25.1#



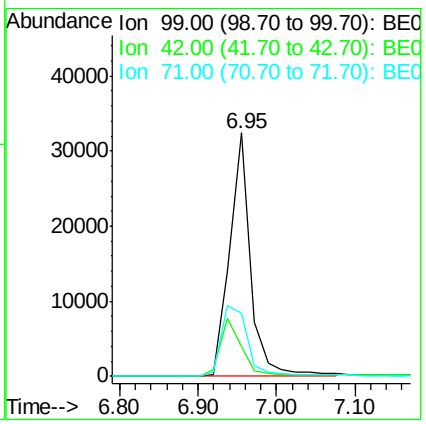


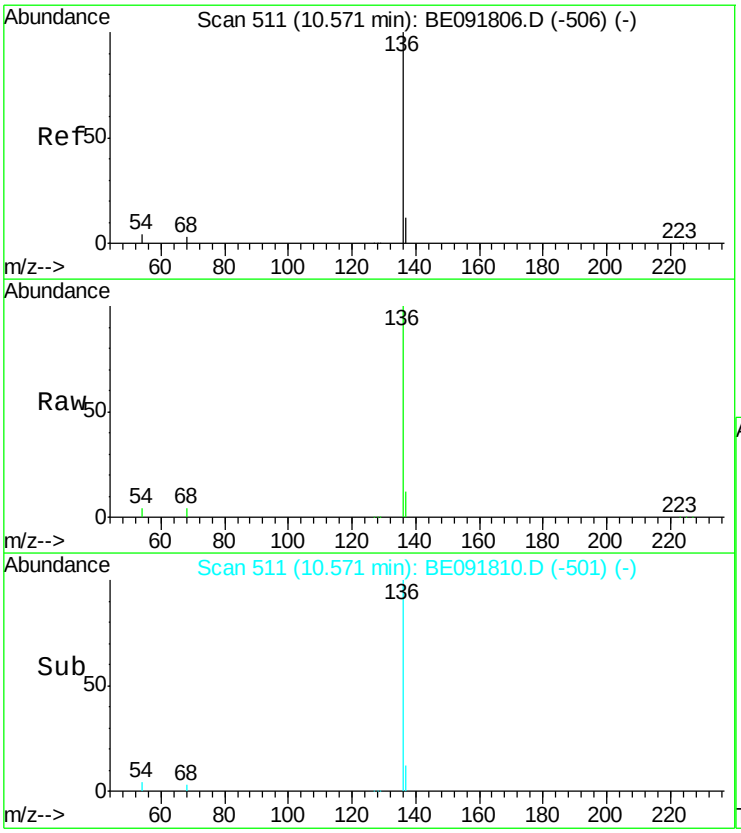
#5
Phenol-d6
Concen: 7.35 ng
RT: 6.95 min Scan# 251
Delta R.T. 0.00 min
Lab File: BE091810.D
Acq: 19 May 2016 15:08

Instrument :
BNA_E
ClientSampleId :
PB90668BL

Tgt Ion: 99 Resp: 60173

Ion	Ratio	Lower	Upper
99	100		
42	23.6	16.2	24.2
71	35.9	29.0	43.4

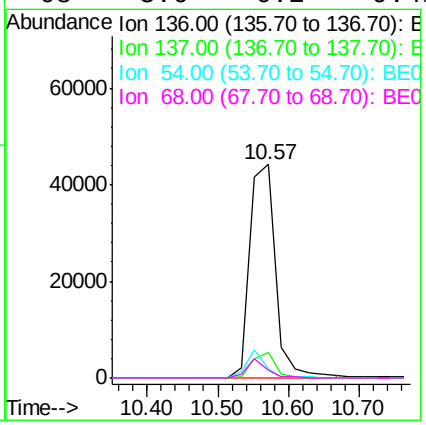


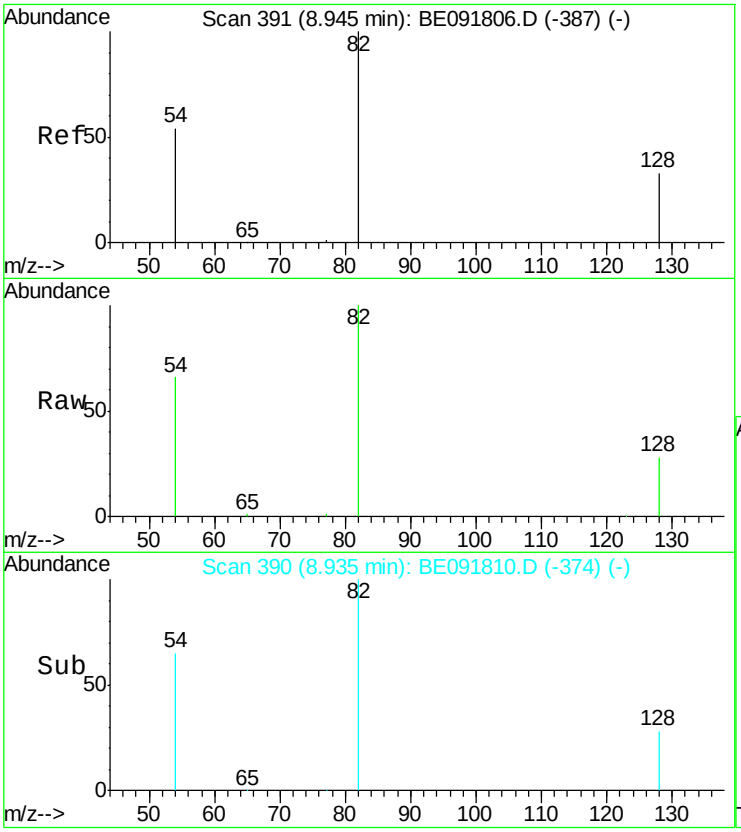


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. 0.00 min
Lab File: BE091810.D
Acq: 19 May 2016 15:08

Tgt Ion:136 Resp: 113054

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	4.4	8.2	12.4#
68	3.6	6.2	9.4#



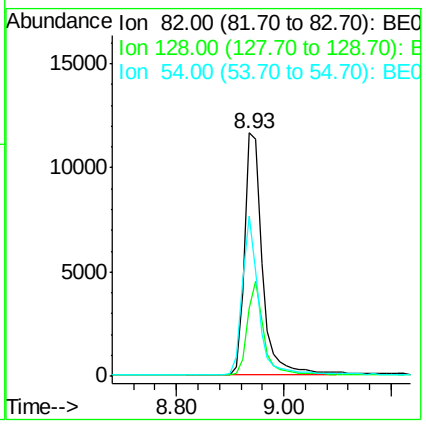


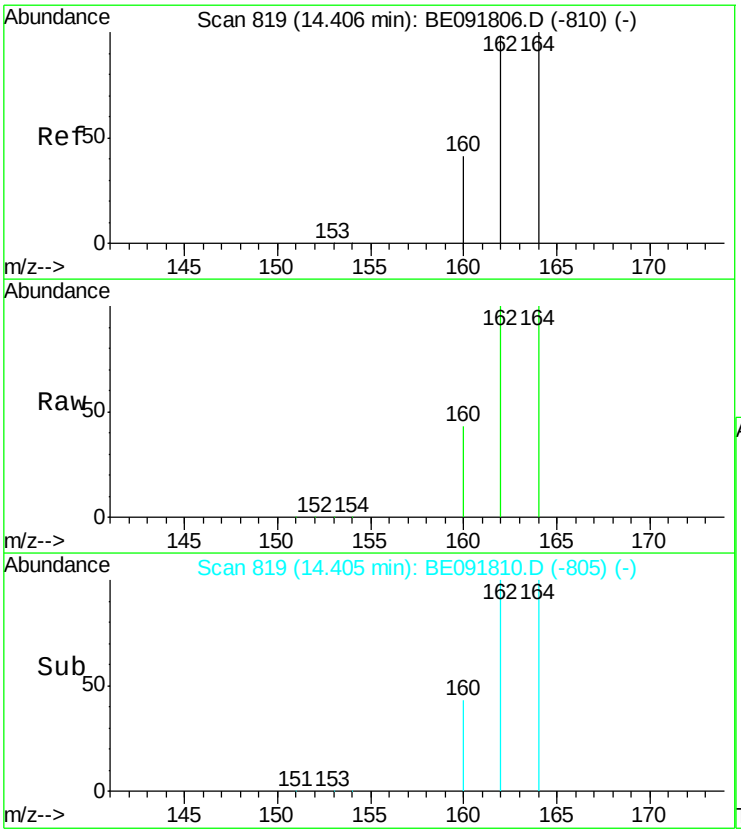
#8
Nitrobenzene-d5
Concen: 3.57 ng
RT: 8.93 min Scan# 390
Delta R.T. -0.01 min
Lab File: BE091810.D
Acq: 19 May 2016 15:08

Instrument :
BNA_E
ClientSampleId :
PB90668BL

Tgt Ion: 82 Resp: 26716

Ion	Ratio	Lower	Upper
82	100		
128	28.3	25.4	38.0
54	65.7	48.4	72.6

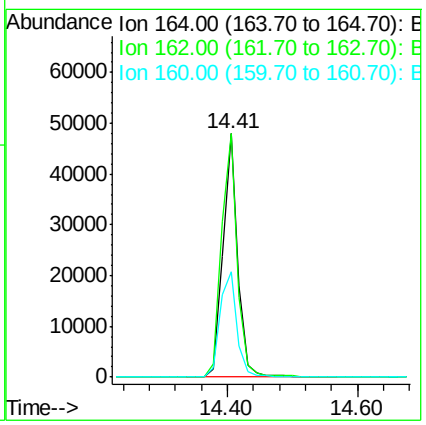


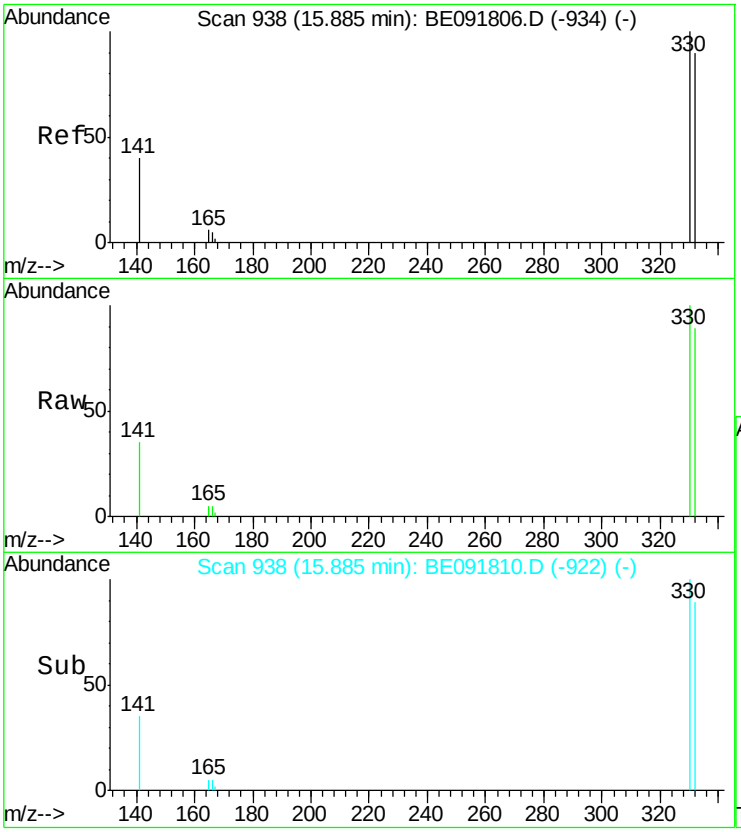


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.41 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE091810.D
Acq: 19 May 2016 15:08

Tgt Ion:164 Resp: 77124

Ion	Ratio	Lower	Upper
164	100		
162	100.2	85.3	127.9
160	43.2	46.2	69.2#



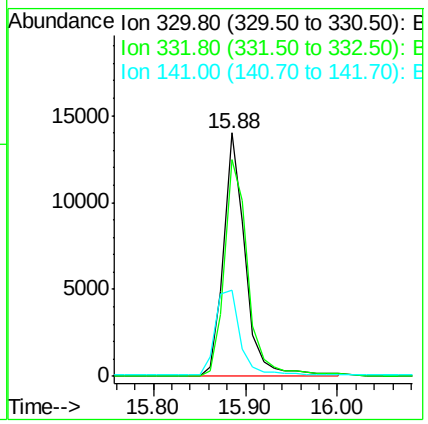


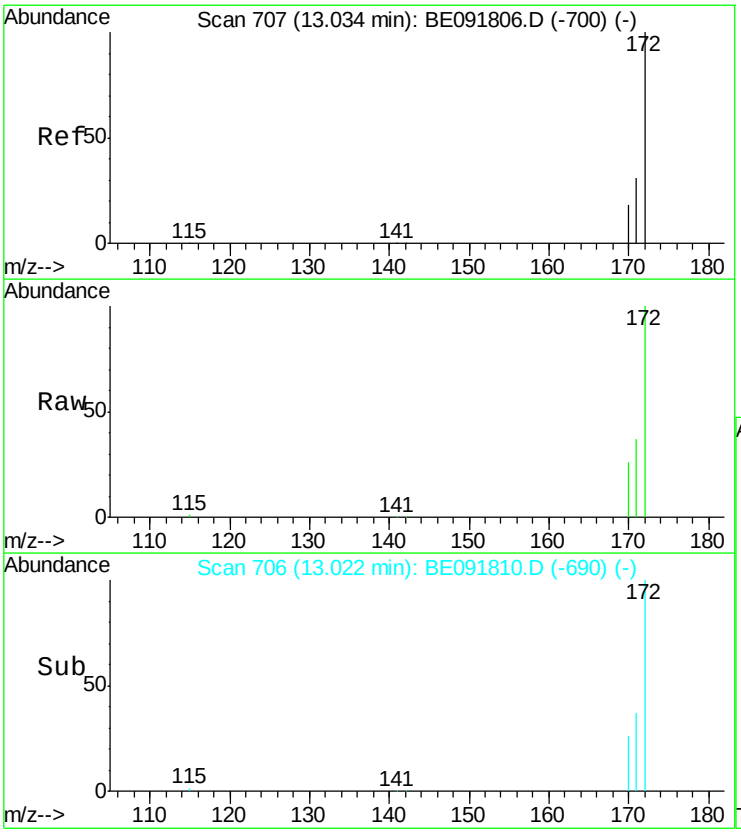
#14
2,4,6-Tribromophenol
Concen: 7.61 ng
RT: 15.88 min Scan# 938
Delta R.T. -0.01 min
Lab File: BE091810.D
Acq: 19 May 2016 15:08

Instrument :
BNA_E
ClientSampleId :
PB90668BL

Tgt Ion:330 Resp: 22798

Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.1	118.7
141	41.1	125.4	188.0#

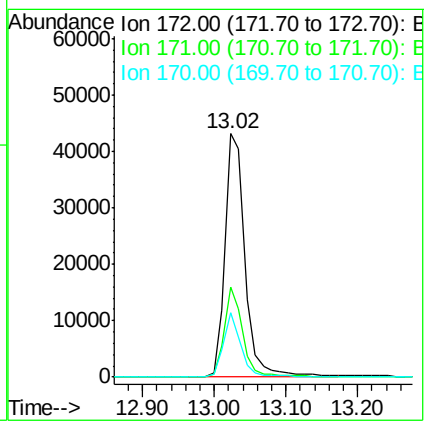


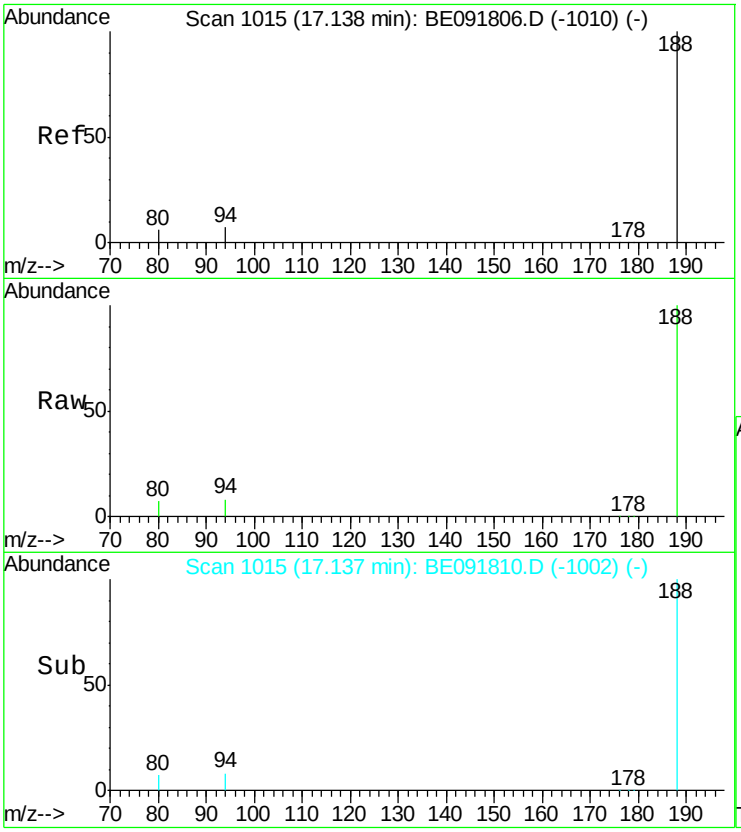


#15
2-Fluorobiphenyl
Concen: 3.82 ng
RT: 13.02 min Scan# 706
Delta R.T. -0.01 min
Lab File: BE091810.D
Acq: 19 May 2016 15:08

Tgt Ion:172 Resp: 83411

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.8	43.2
170	26.4	19.3	28.9



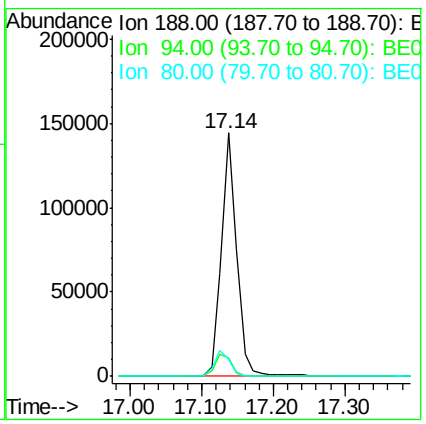


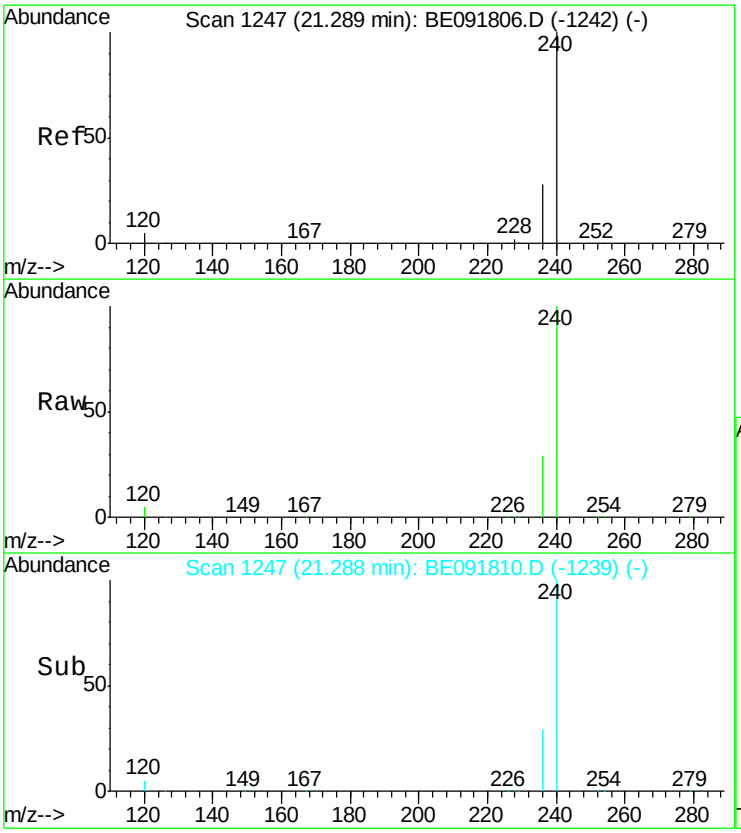
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091810.D
Acq: 19 May 2016 15:08

Instrument :
BNA_E
ClientSampleId :
PB90668BL

Tgt Ion:188 Resp: 215004

Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.7	13.1#
80	7.0	9.4	14.0#

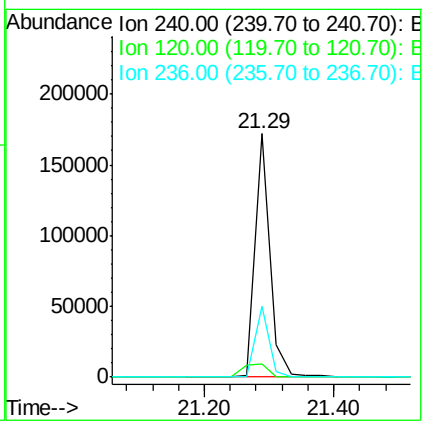


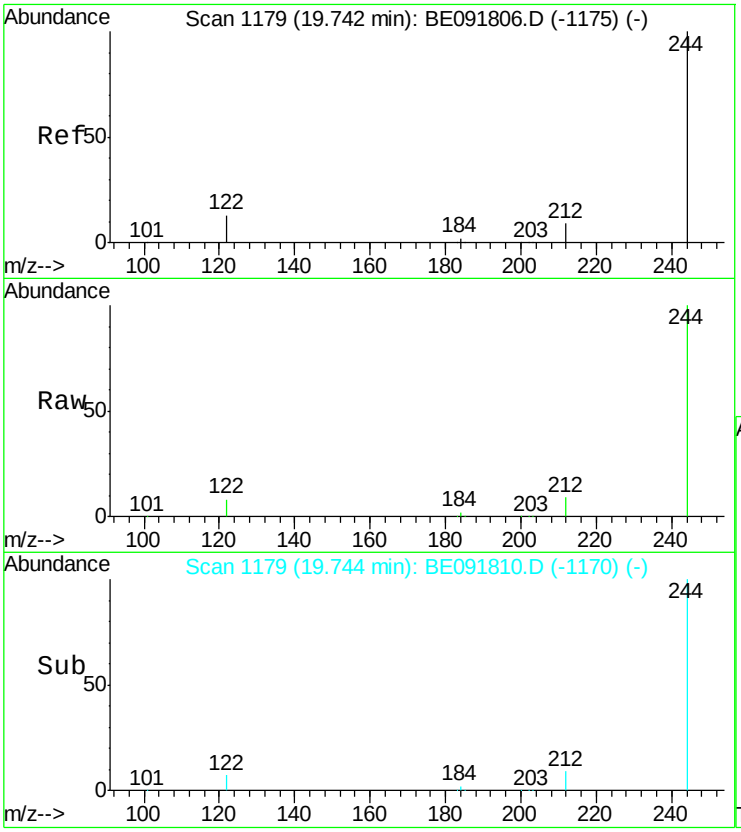


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BE091810.D
Acq: 19 May 2016 15:08

Tgt Ion:240 Resp: 276479

Ion	Ratio	Lower	Upper
240	100		
120	5.5	11.0	16.4#
236	29.2	21.7	32.5



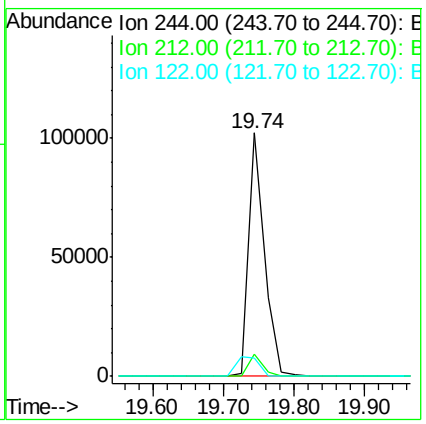


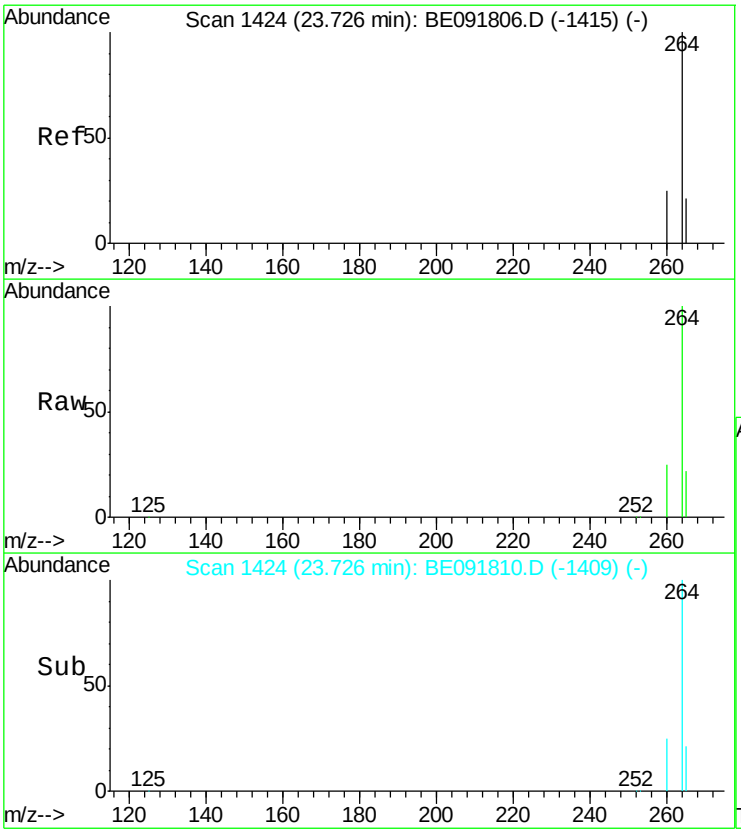
#29
Terphenyl-d14
Concen: 4.12 ng
RT: 19.74 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BE091810.D
Acq: 19 May 2016 15:08

Instrument :
BNA_E
ClientSampleId :
PB90668BL

Tgt Ion:244 Resp: 161142

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.9	10.3
122	7.5	11.0	16.4#





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.73 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BE091810.D
Acq: 19 May 2016 15:08

Tgt Ion:264 Resp: 241400

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	21.7	17.5	26.3