Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092115\
Data File : BE090913.D
Acq On : 21 Sep 2015 10:10
Operator : UM/IZ
Sample : PB85619BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB85619BL

Quant Time: Sep 22 02:00:07 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE091815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 18:17:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	30903	5.00	ng	0.00
7) Naphthalene-d8	10.29	136	126219	5.00	ng	0.00
13) Acenaphthene-d10	14.16	164	65800	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	164626	5.00	ng	0.00
26) Chrysene-d12	21.07	240	217381	5.00	ng	0.00
33) Perylene-d12	23.35	264	202089	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.17	112	56719	8.19	ng	-0.01
5) Phenol-d6	6.73	99	73189	7.60	ng	-0.02
8) Nitrobenzene-d5	8.69	82	34201	3.93	ng	-0.01
14) 2,4,6-Tribromophenol	15.68	330	16844	7.25	ng	-0.02
15) 2-Fluorobiphenyl	12.78	172	70924	3.80	ng	-0.01
28) Terphenyl-d14	19.53	244	116637	4.74	ng	0.00
Target Compounds						Qvalue

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

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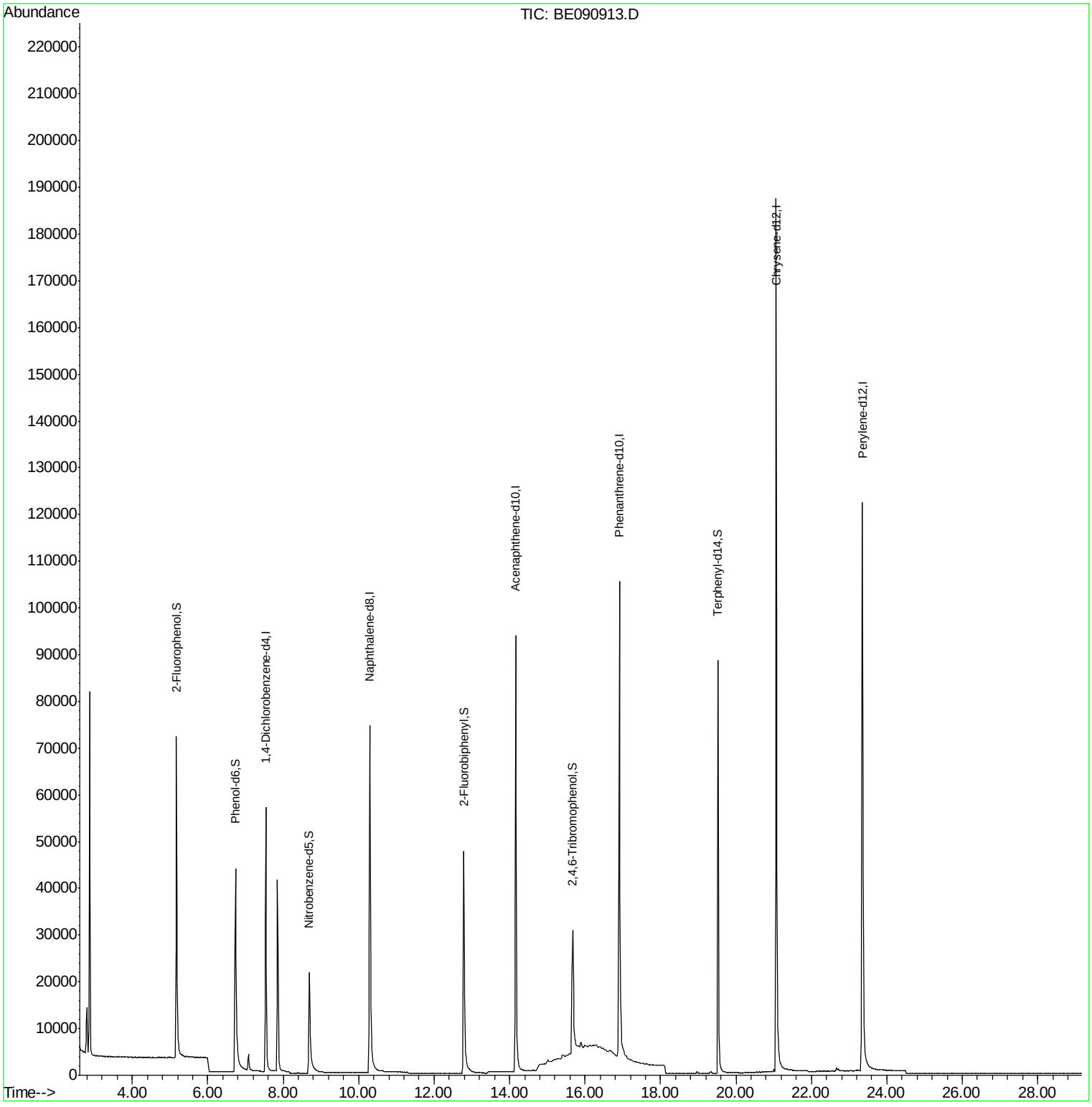
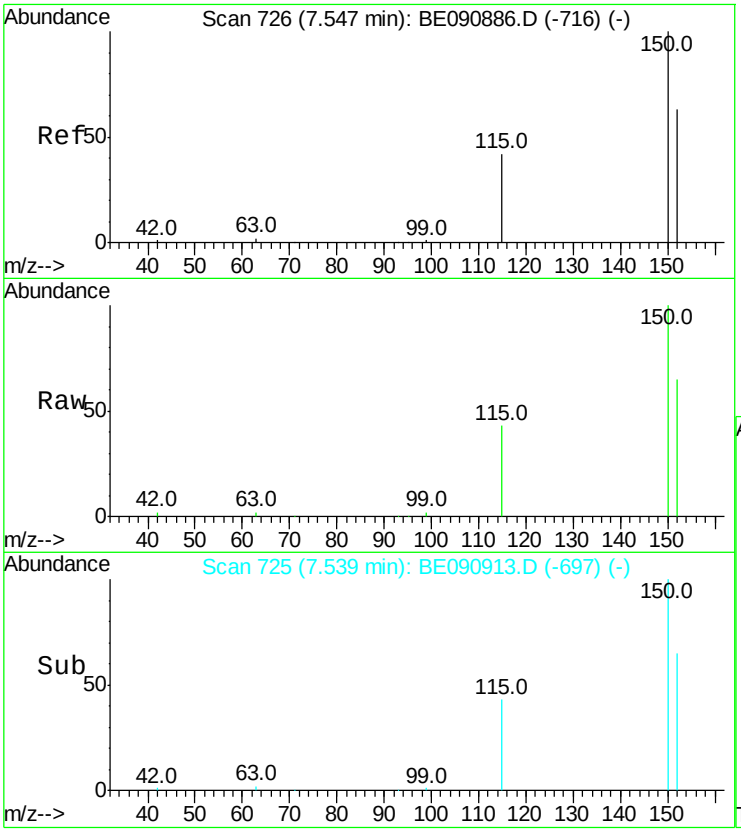


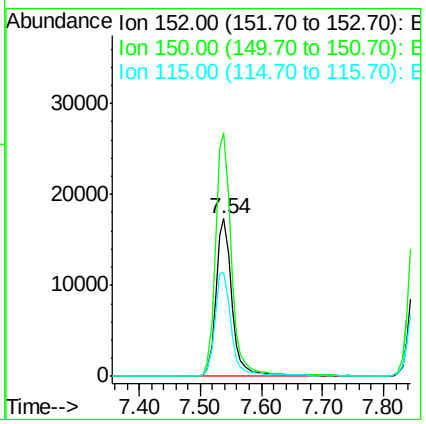


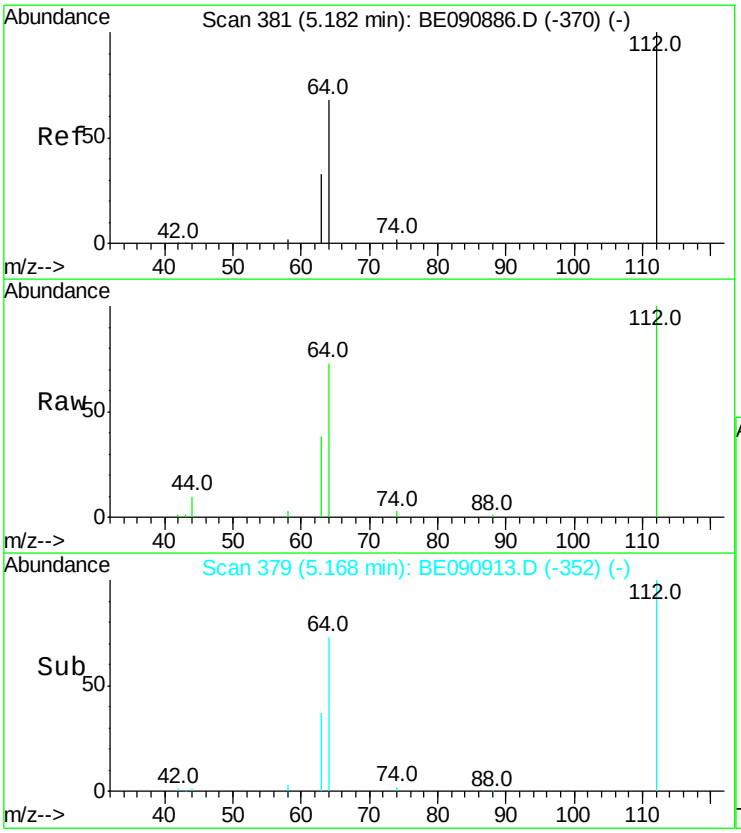
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.54 min Scan# 725
Delta R.T. -0.01 min
Lab File: BE090913.D
Acq: 21 Sep 2015 10:10

Instrument :
BNA_E
ClientSampleId :
PB85619BL

Tgt Ion:152 Resp: 30903

Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.2	183.4
115	66.3	51.0	76.4

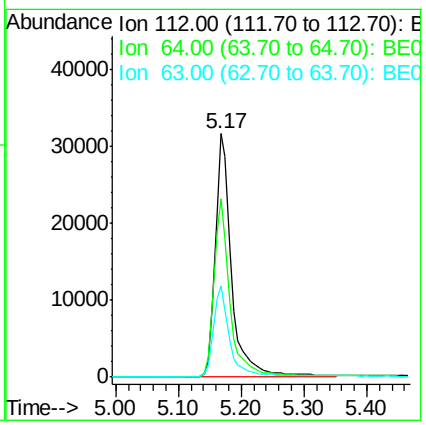


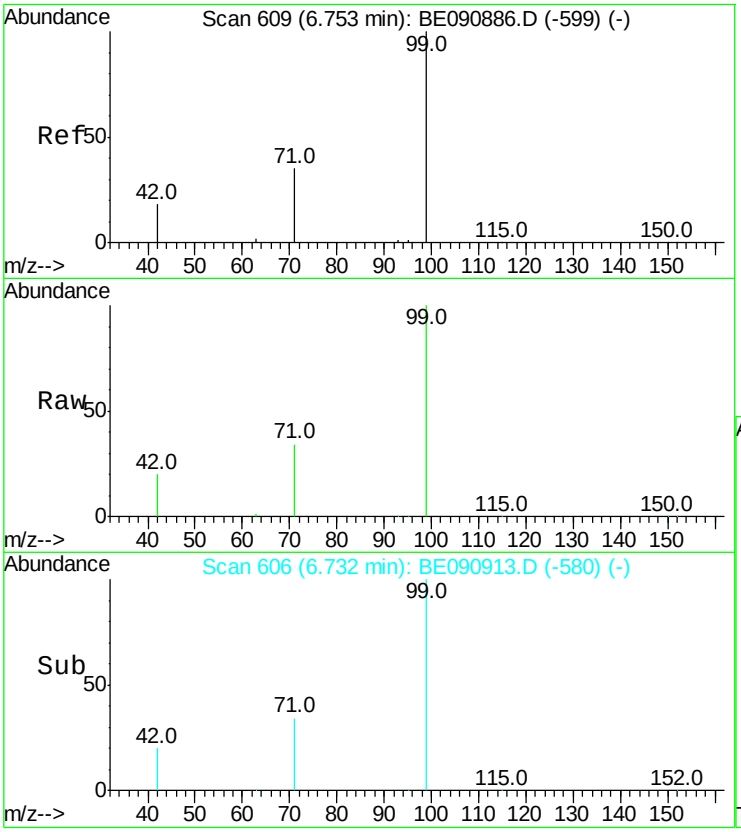


#4
2-Fluorophenol
Concen: 8.19 ng
RT: 5.17 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE090913.D
Acq: 21 Sep 2015 10:10

Tgt Ion:112 Resp: 56719

Ion	Ratio	Lower	Upper
112	100		
64	72.4	57.3	85.9
63	37.1	29.2	43.8



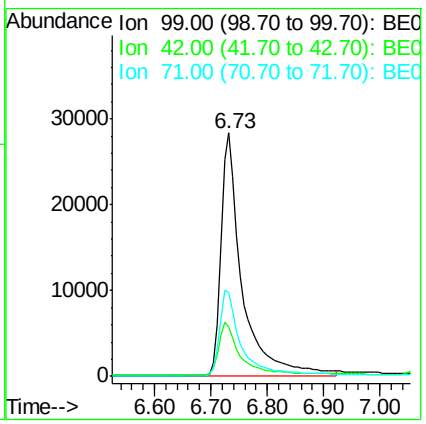


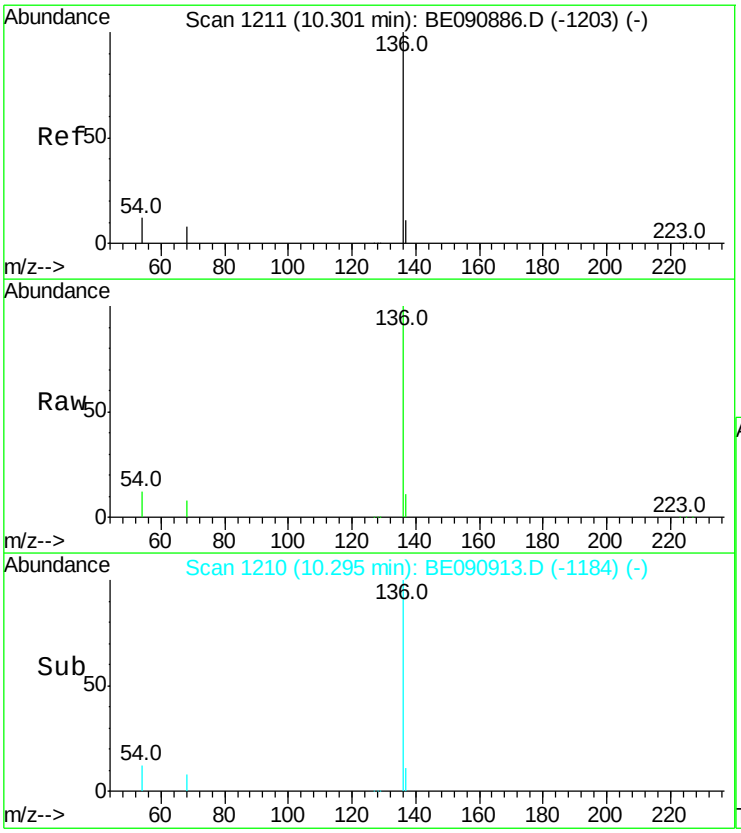
#5
Phenol-d6
Concen: 7.60 ng
RT: 6.73 min Scan# 606
Delta R.T. -0.02 min
Lab File: BE090913.D
Acq: 21 Sep 2015 10:10

Instrument :
BNA_E
ClientSampleId :
PB85619BL

Tgt Ion: 99 Resp: 73189

Ion	Ratio	Lower	Upper
99	100		
42	22.3	16.8	25.2
71	36.2	28.3	42.5

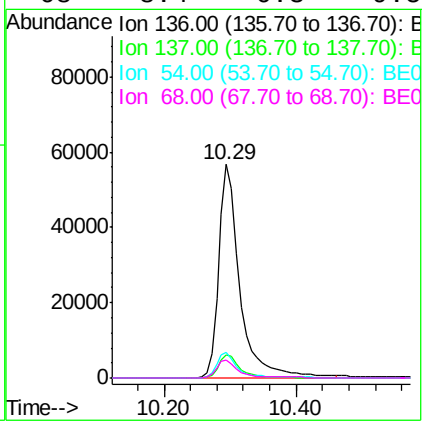


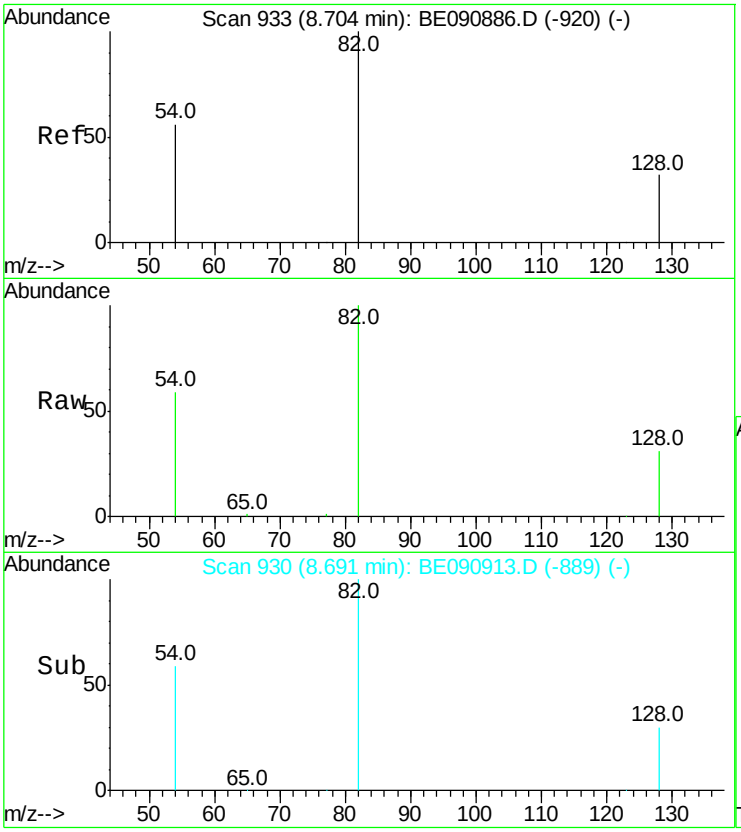


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.29 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BE090913.D
Acq: 21 Sep 2015 10:10

Tgt Ion:136 Resp: 126219

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	12.0	9.0	13.6
68	8.4	6.3	9.5



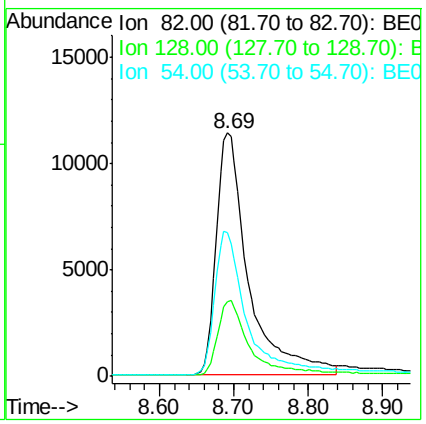


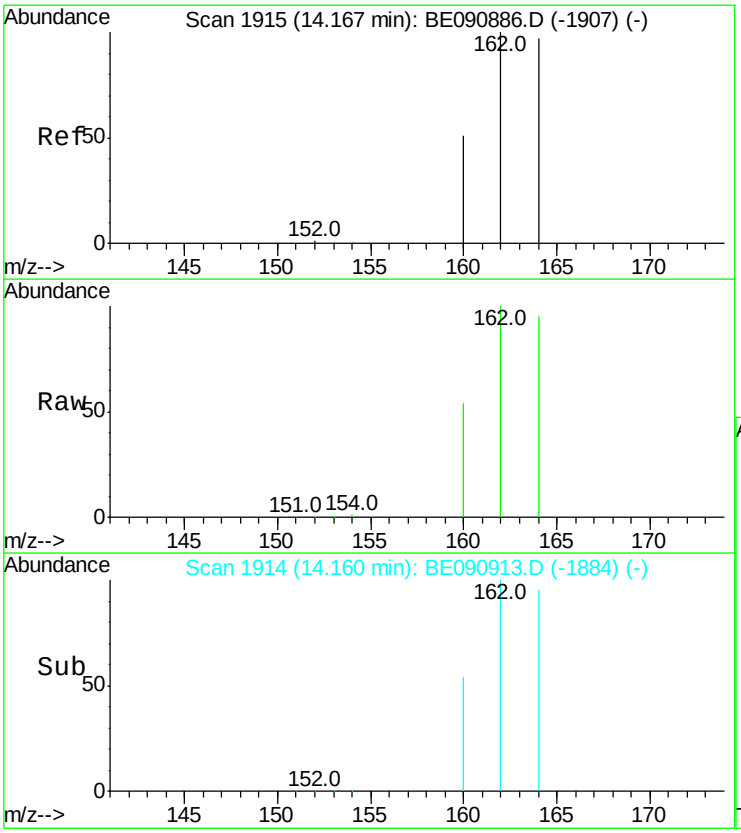
#8
Nitrobenzene-d5
Concen: 3.93 ng
RT: 8.69 min Scan# 930
Delta R.T. -0.01 min
Lab File: BE090913.D
Acq: 21 Sep 2015 10:10

Instrument :
BNA_E
ClientSampleId :
PB85619BL

Tgt Ion: 82 Resp: 34201

Ion	Ratio	Lower	Upper
82	100		
128	30.9	25.0	37.4
54	58.9	46.3	69.5

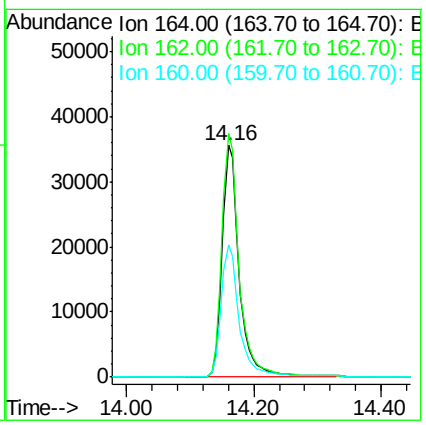


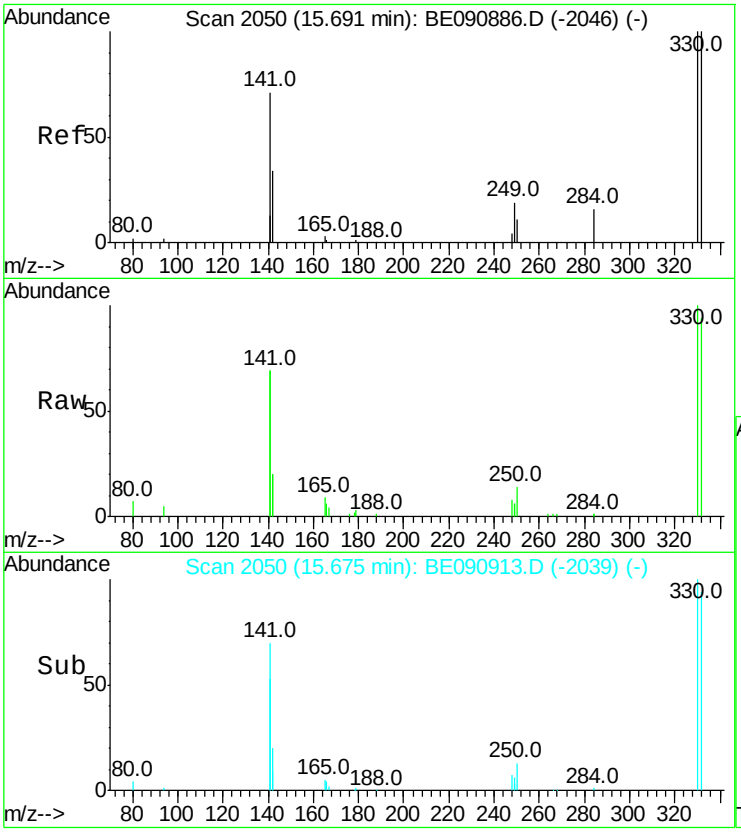


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.16 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BE090913.D
Acq: 21 Sep 2015 10:10

Tgt Ion:164 Resp: 65800

Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.8	130.2
160	57.0	53.9	80.9



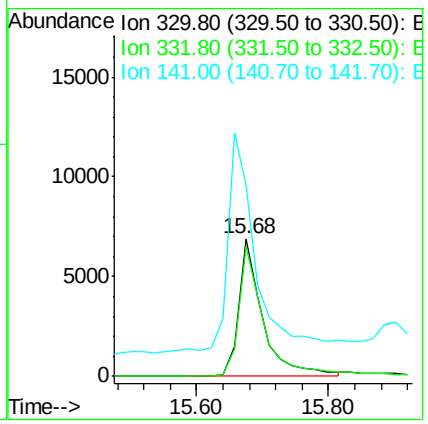


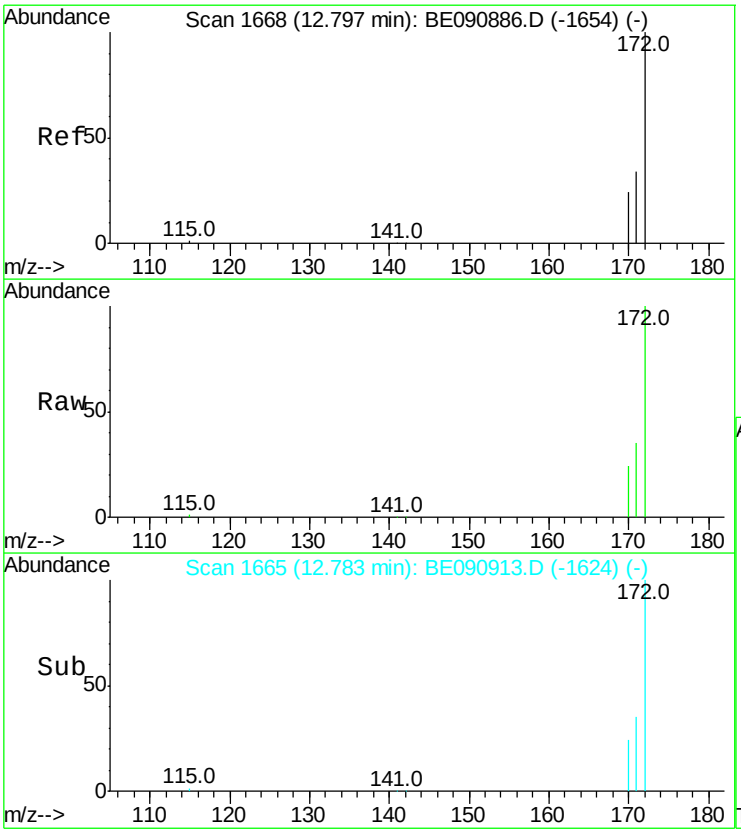
#14
2,4,6-Tribromophenol
Concen: 7.25 ng
RT: 15.68 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BE090913.D
Acq: 21 Sep 2015 10:10

Instrument :
BNA_E
ClientSampleId :
PB85619BL

Tgt Ion:330 Resp: 16844

Ion	Ratio	Lower	Upper
330	100		
332	96.6	74.9	112.3
141	194.5	145.2	217.8

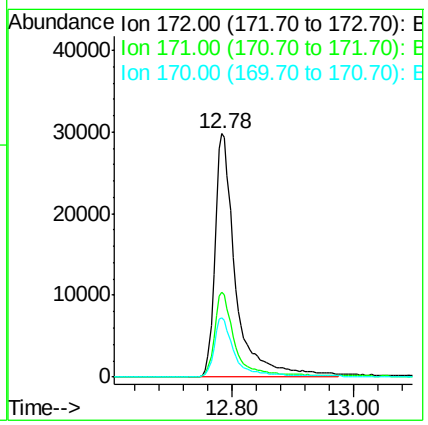


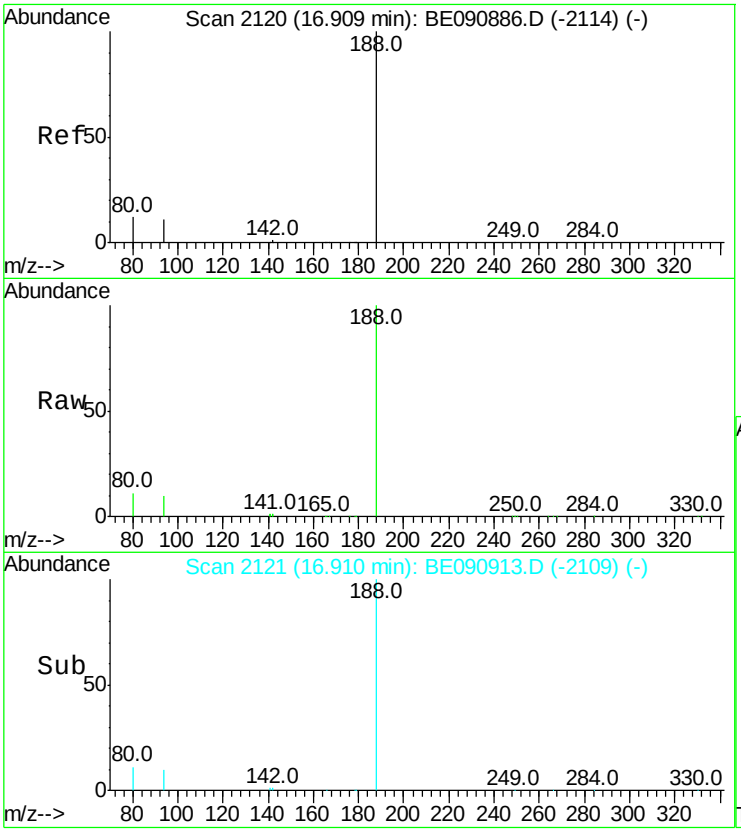


#15
2-Fluorobiphenyl
Concen: 3.80 ng
RT: 12.78 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BE090913.D
Acq: 21 Sep 2015 10:10

Tgt Ion:172 Resp: 70924

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.8
170	24.2	19.8	29.6



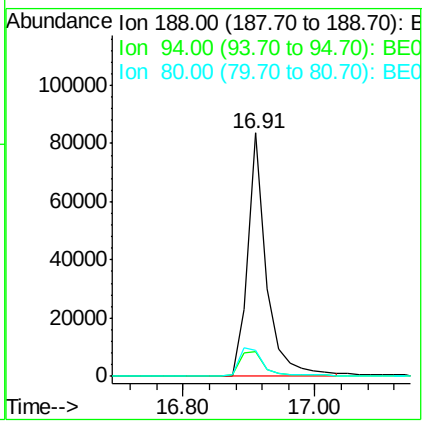


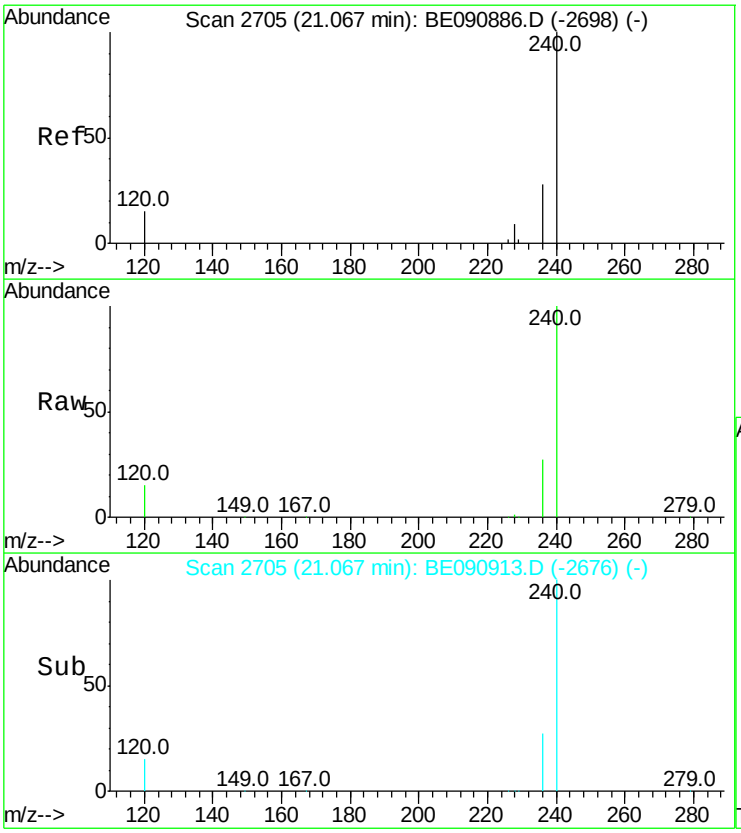
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BE090913.D
Acq: 21 Sep 2015 10:10

Instrument :
BNA_E
ClientSampleId :
PB85619BL

Tgt Ion:188 Resp: 164626

Ion	Ratio	Lower	Upper
188	100		
94	10.1	10.3	15.5#
80	10.9	11.0	16.6#

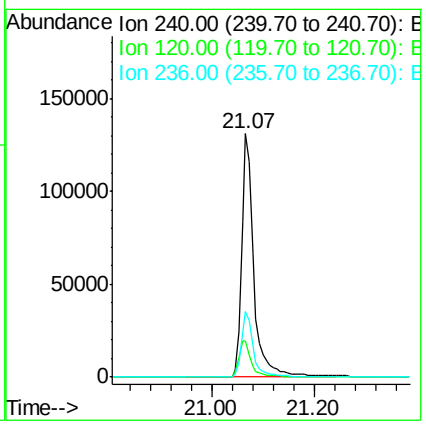


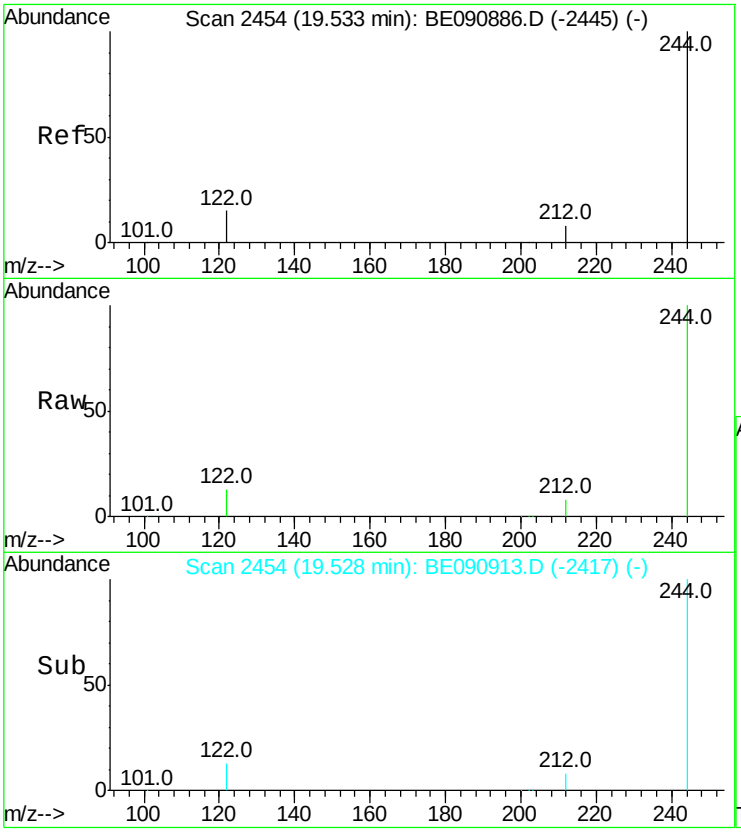


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2705
Delta R.T. -0.00 min
Lab File: BE090913.D
Acq: 21 Sep 2015 10:10

Tgt Ion:240 Resp: 217381

Ion	Ratio	Lower	Upper
240	100		
120	14.7	10.1	15.1
236	27.1	21.9	32.9



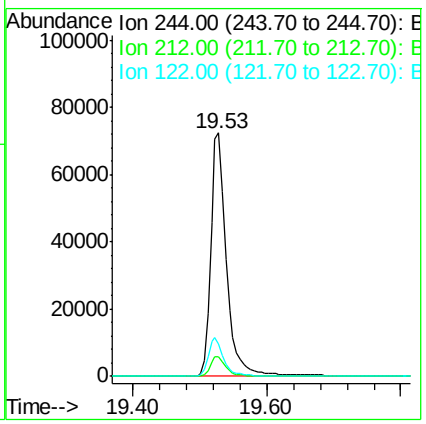


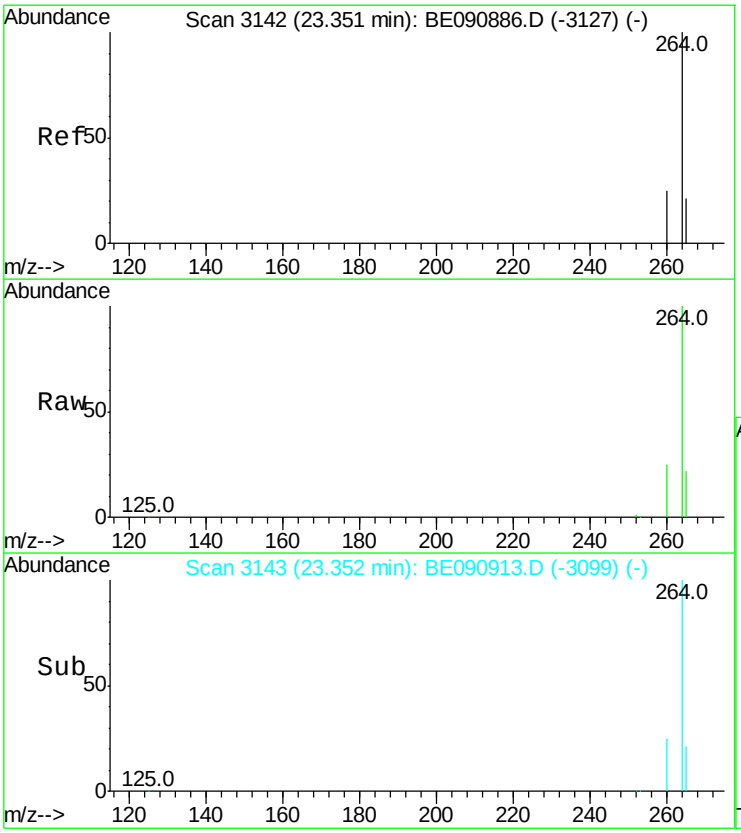
#28
Terphenyl-d14
Concen: 4.74 ng
RT: 19.53 min Scan# 2454
Delta R.T. -0.00 min
Lab File: BE090913.D
Acq: 21 Sep 2015 10:10

Instrument :
BNA_E
ClientSampleId :
PB85619BL

Tgt Ion:244 Resp: 116637

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	13.2	12.9	19.3





#33
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BE090913.D
Acq: 21 Sep 2015 10:10

Tgt Ion:264 Resp: 202089

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	21.9	17.5	26.3