Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091115\
Data File : BE090784.D
Acq On : 11 Sep 2015 14:51
Operator : UM/IZ
Sample : PB85487BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB85487BL

Quant Time: Sep 11 23:27:50 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	42918	5.00	ng	-0.01
6) Naphthalene-d8	10.30	136	192955	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	105074	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	267791	5.00	ng	0.00
25) Chrysene-d12	21.07	240	290665	5.00	ng	0.00
32) Perylene-d12	23.36	264	250362	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	77280	9.23	ng	-0.01
5) Phenol-d6	6.73	99	112223	9.39	ng	-0.02
7) Nitrobenzene-d5	8.69	82	52126	4.09	ng	-0.01
13) 2,4,6-Tribromophenol	15.67	330	20535	6.68	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	112677	3.87	ng	-0.01
27) Terphenyl-d14	19.53	244	173529	5.40	ng	-0.01
Target Compounds						Qvalue

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

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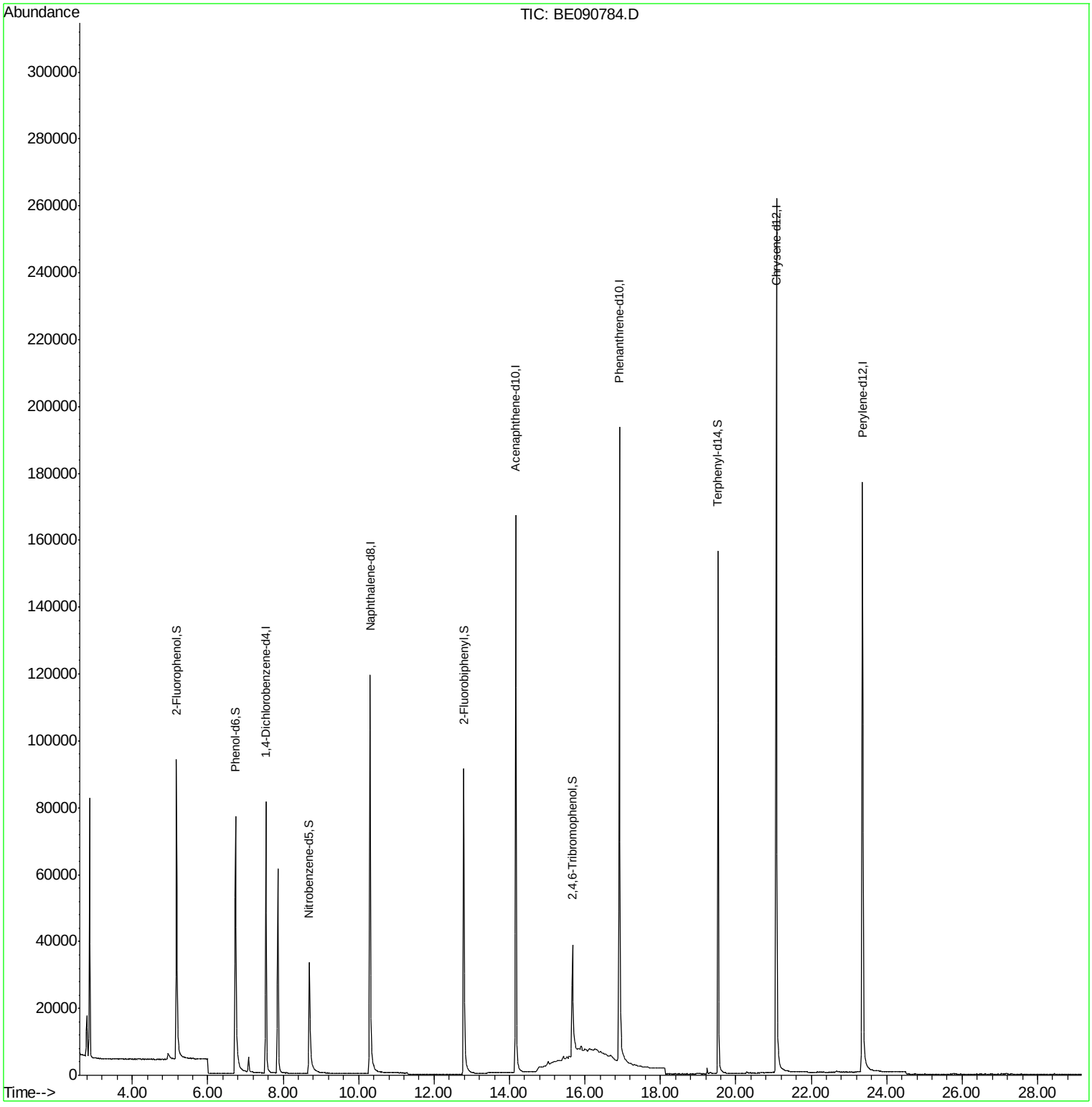
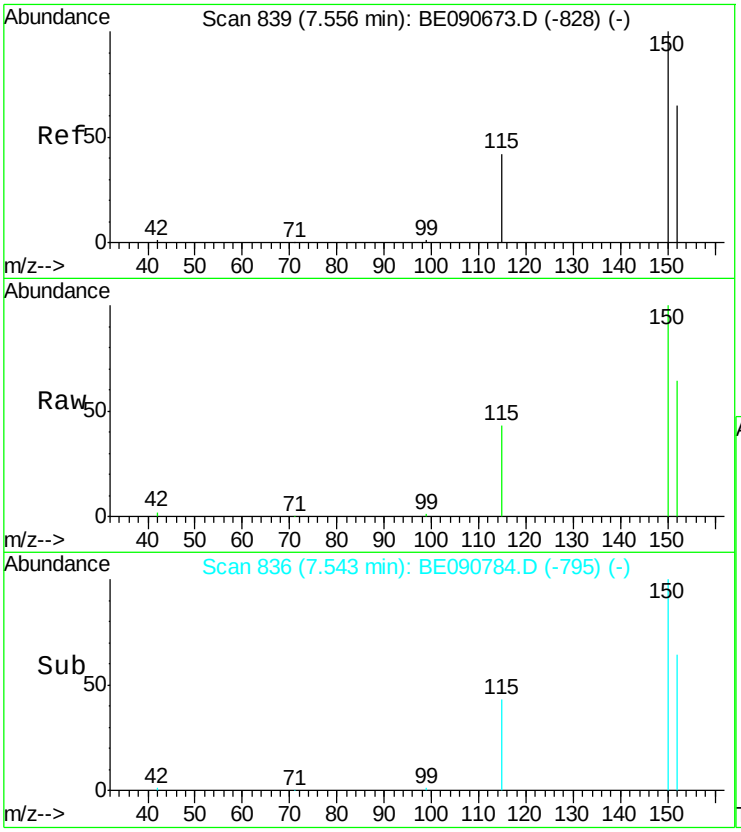


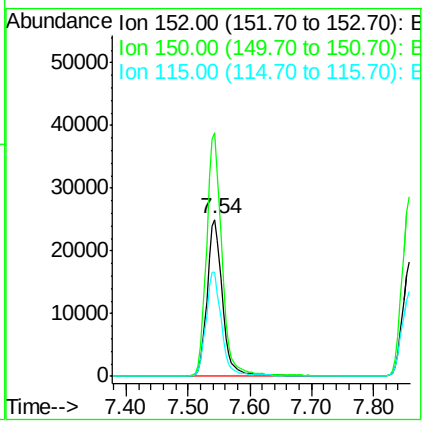


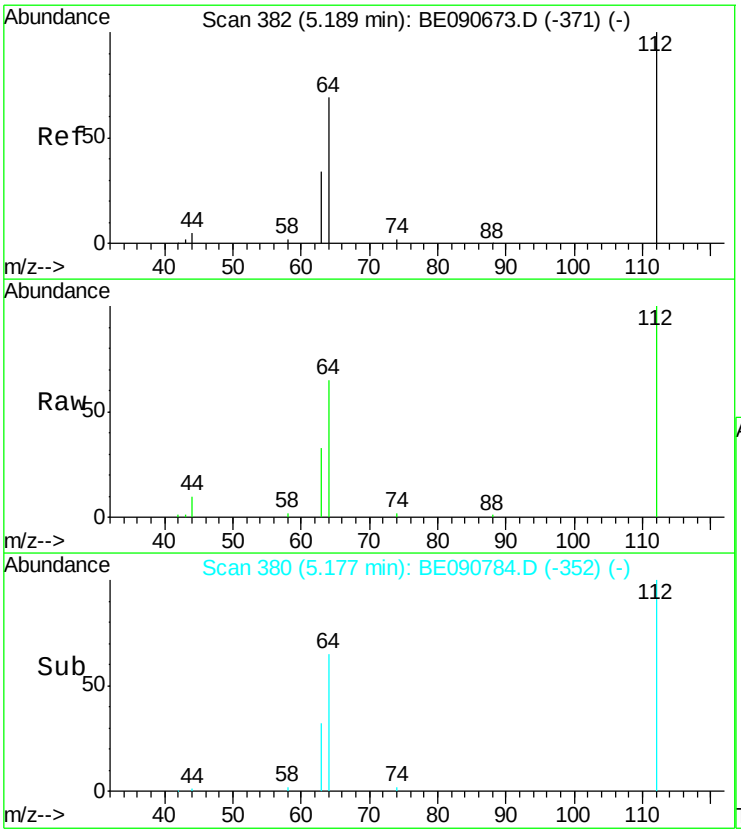
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.54 min Scan# 836
Delta R.T. -0.01 min
Lab File: BE090784.D
Acq: 11 Sep 2015 14:51

Instrument :
BNA_E
ClientSampleId :
PB85487BL

Tgt Ion:152 Resp: 42918

Ion	Ratio	Lower	Upper
152	100		
150	155.1	122.2	183.4
115	66.2	51.0	76.4

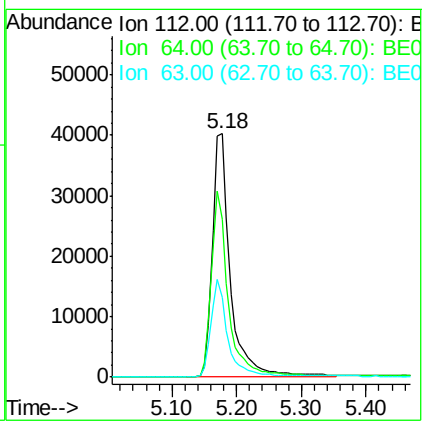


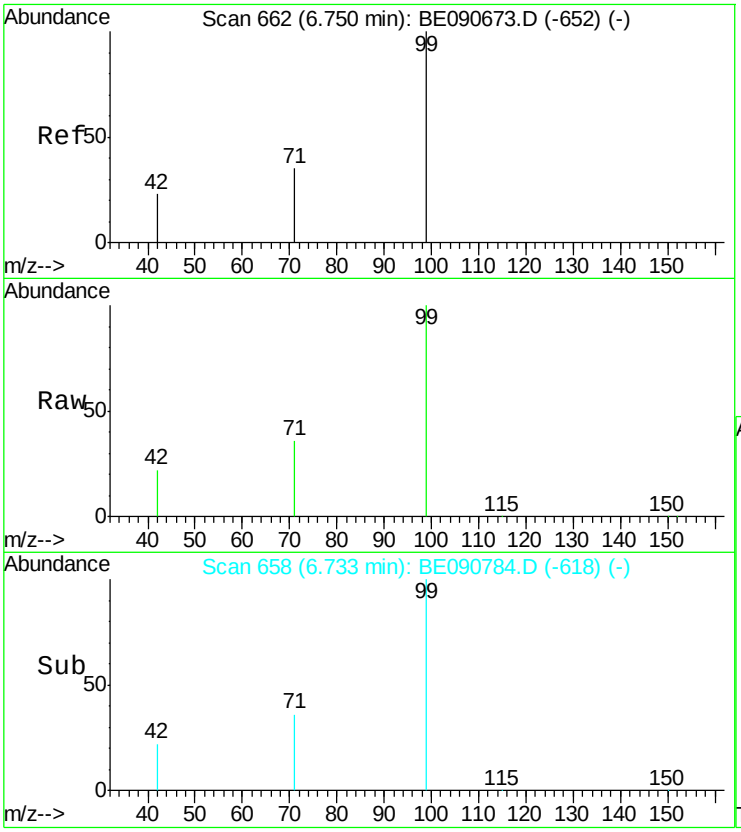


#4
2-Fluorophenol
Concen: 9.23 ng
RT: 5.18 min Scan# 380
Delta R.T. -0.01 min
Lab File: BE090784.D
Acq: 11 Sep 2015 14:51

Tgt Ion:112 Resp: 77280

Ion	Ratio	Lower	Upper
112	100		
64	72.3	57.3	85.9
63	37.6	29.2	43.8



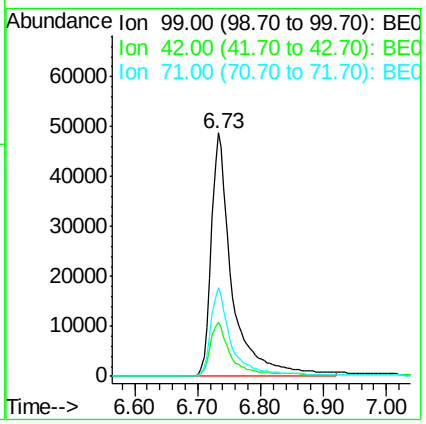


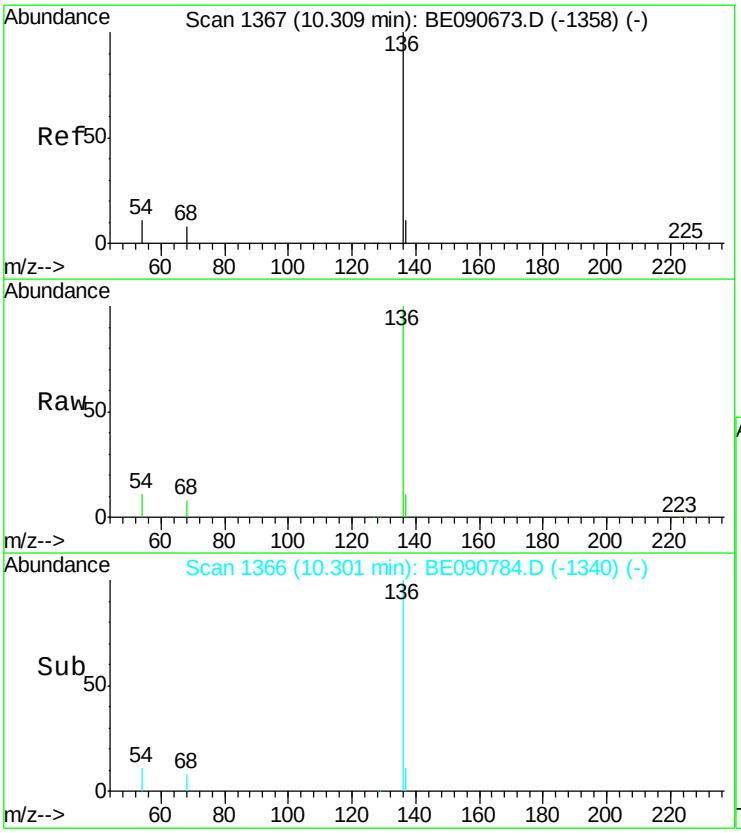
#5
Phenol-d6
Concen: 9.39 ng
RT: 6.73 min Scan# 658
Delta R.T. -0.02 min
Lab File: BE090784.D
Acq: 11 Sep 2015 14:51

Instrument :
BNA_E
ClientSampleId :
PB85487BL

Tgt Ion: 99 Resp: 112223

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

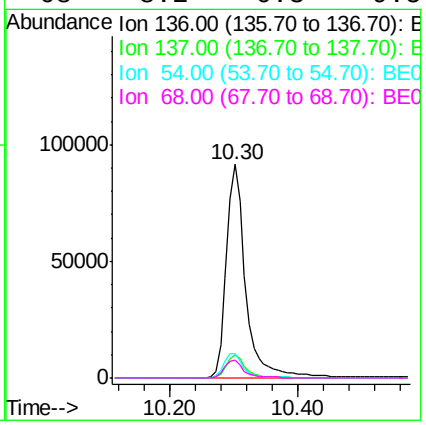


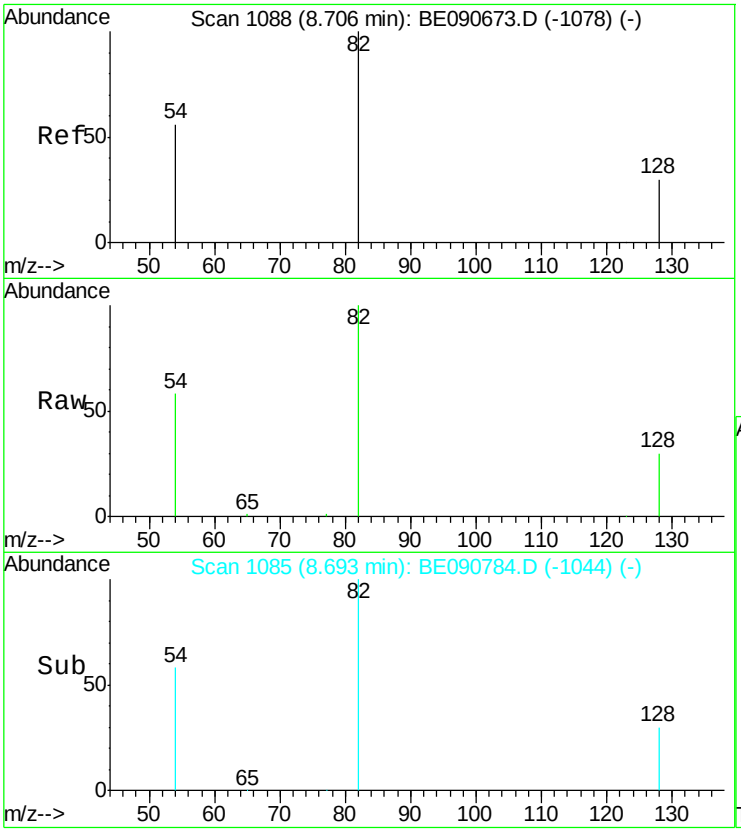


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.30 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BE090784.D
Acq: 11 Sep 2015 14:51

Tgt Ion:136 Resp: 192955

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	11.4	9.0	13.6
68	8.2	6.3	9.5



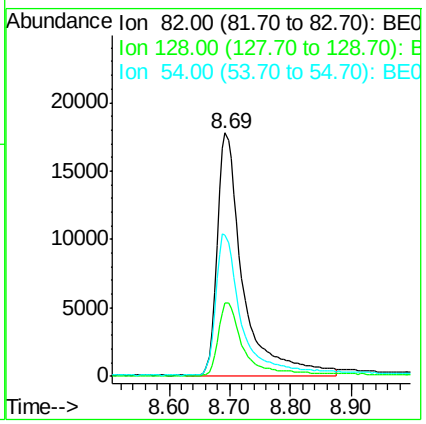


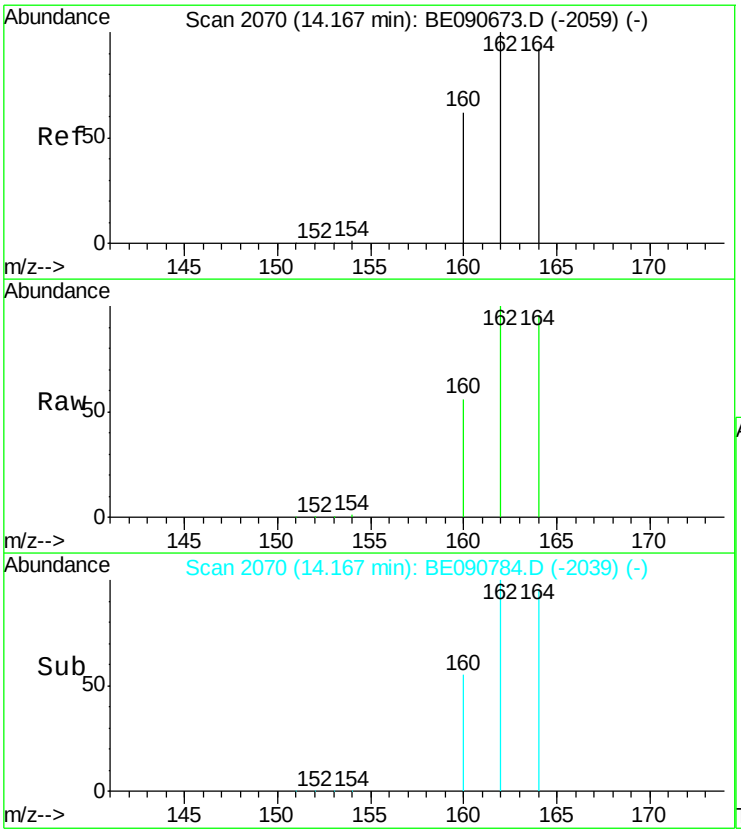
#7
Nitrobenzene-d5
Concen: 4.09 ng
RT: 8.69 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BE090784.D
Acq: 11 Sep 2015 14:51

Instrument :
BNA_E
ClientSampleId :
PB85487BL

Tgt Ion: 82 Resp: 52126

Ion	Ratio	Lower	Upper
82	100		
128	30.0	25.0	37.4
54	58.1	46.3	69.5

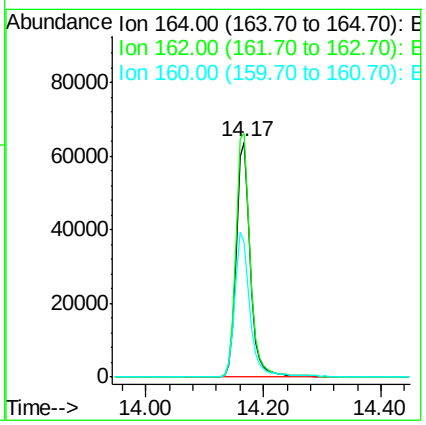


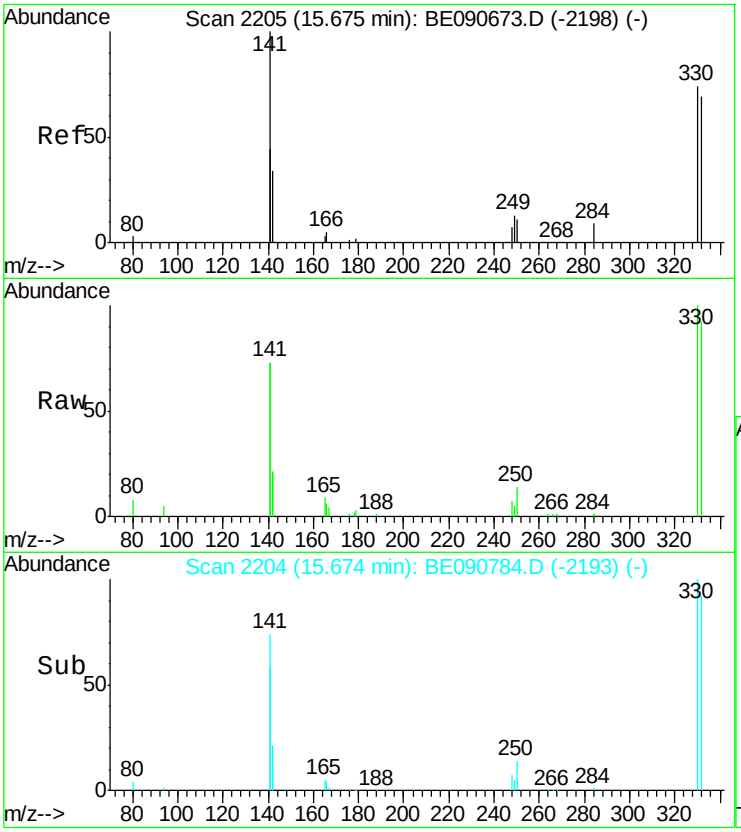


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090784.D
Acq: 11 Sep 2015 14:51

Tgt Ion:164 Resp: 105074

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.8	130.2
160	57.6	53.9	80.9



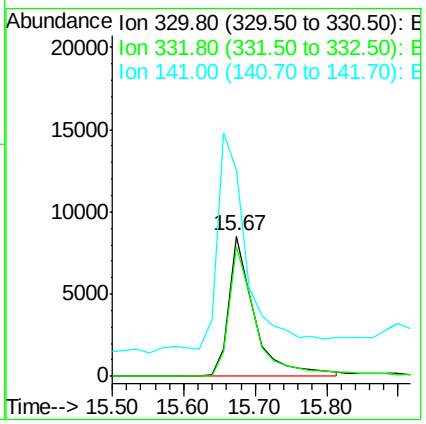


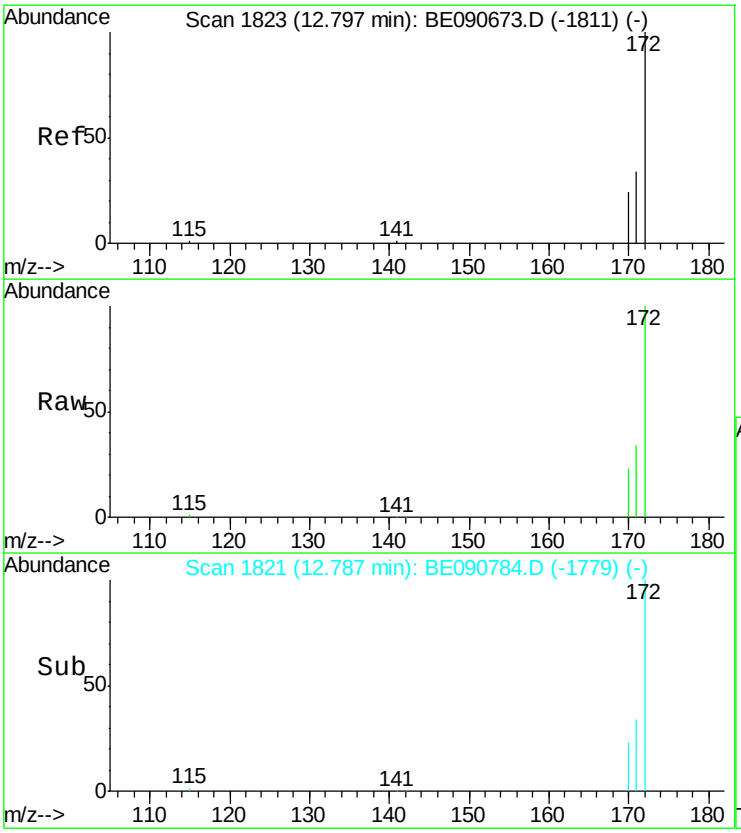
#13
2,4,6-Tribromophenol
Concen: 6.68 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090784.D
Acq: 11 Sep 2015 14:51

Instrument :
BNA_E
ClientSampleId :
PB85487BL

Tgt Ion:330 Resp: 20535

Ion	Ratio	Lower	Upper
330	100		
332	96.0	74.9	112.3
141	203.2	145.2	217.8

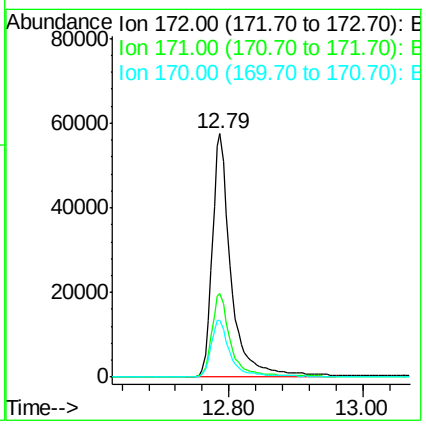


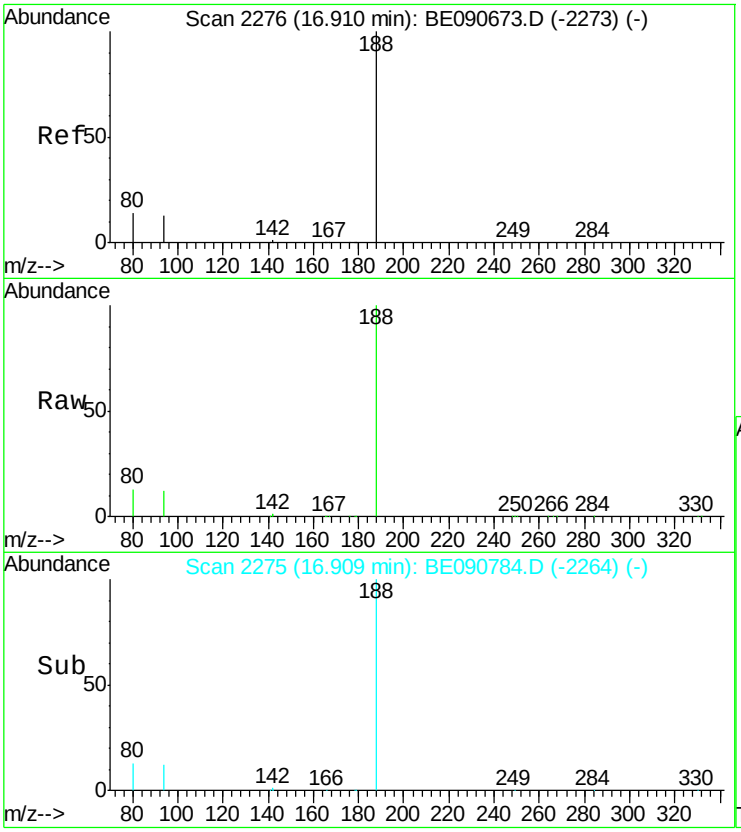


#14
2-Fluorobiphenyl
Concen: 3.87 ng
RT: 12.79 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BE090784.D
Acq: 11 Sep 2015 14:51

Tgt Ion:172 Resp: 112677

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.8
170	23.4	19.8	29.6



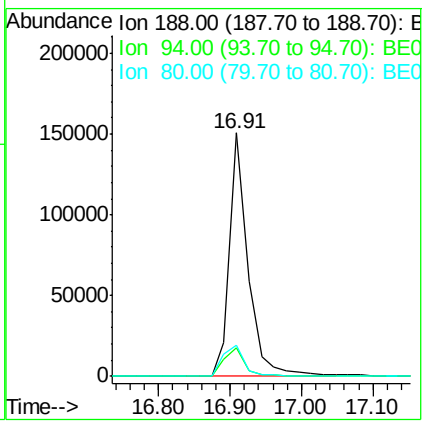


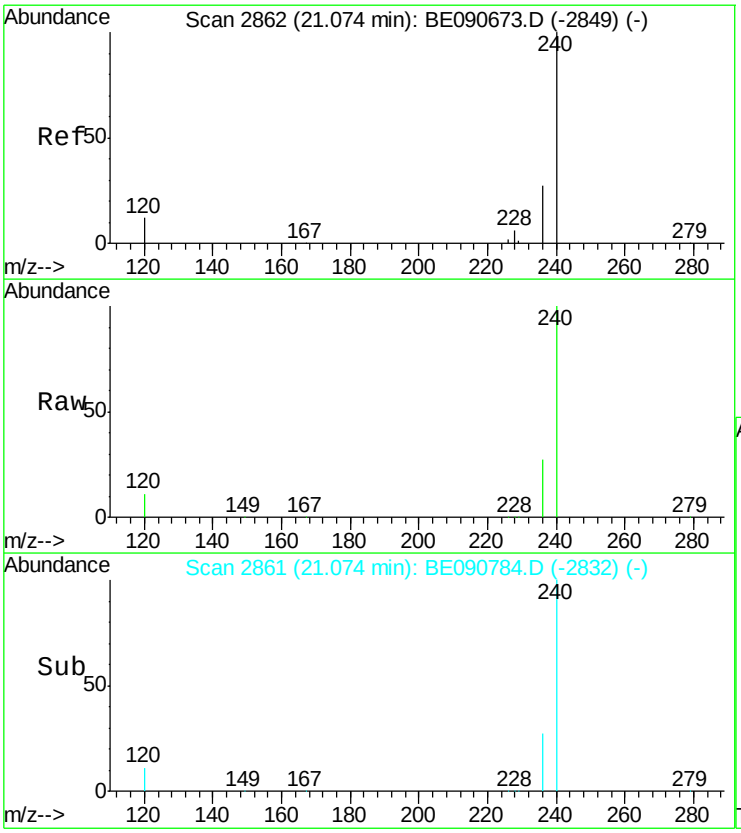
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090784.D
Acq: 11 Sep 2015 14:51

Instrument :
BNA_E
ClientSampleId :
PB85487BL

Tgt Ion:188 Resp: 267791

Ion	Ratio	Lower	Upper
188	100		
94	11.8	10.3	15.5
80	12.9	11.0	16.6

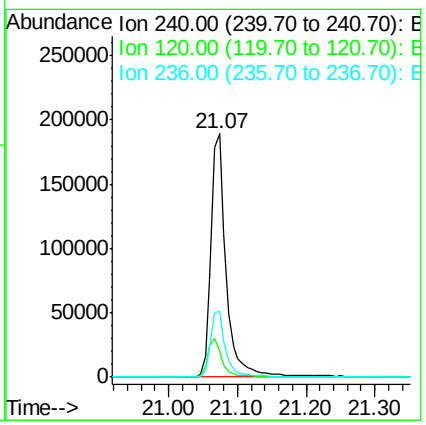


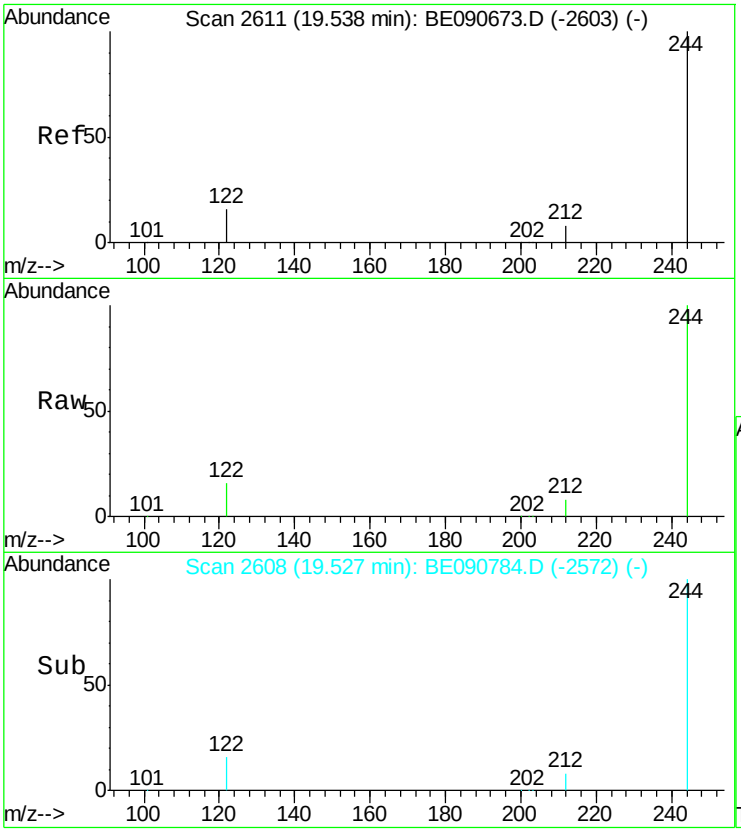


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE090784.D
Acq: 11 Sep 2015 14:51

Tgt Ion:240 Resp: 290665

Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.1	15.1
236	26.9	21.9	32.9



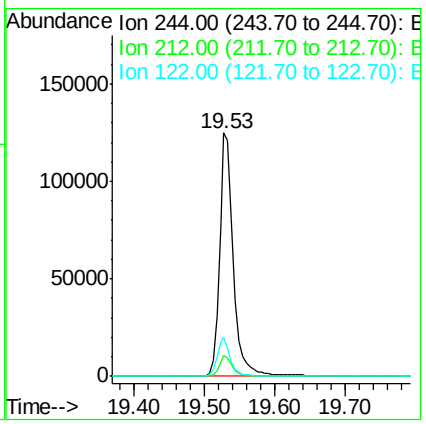


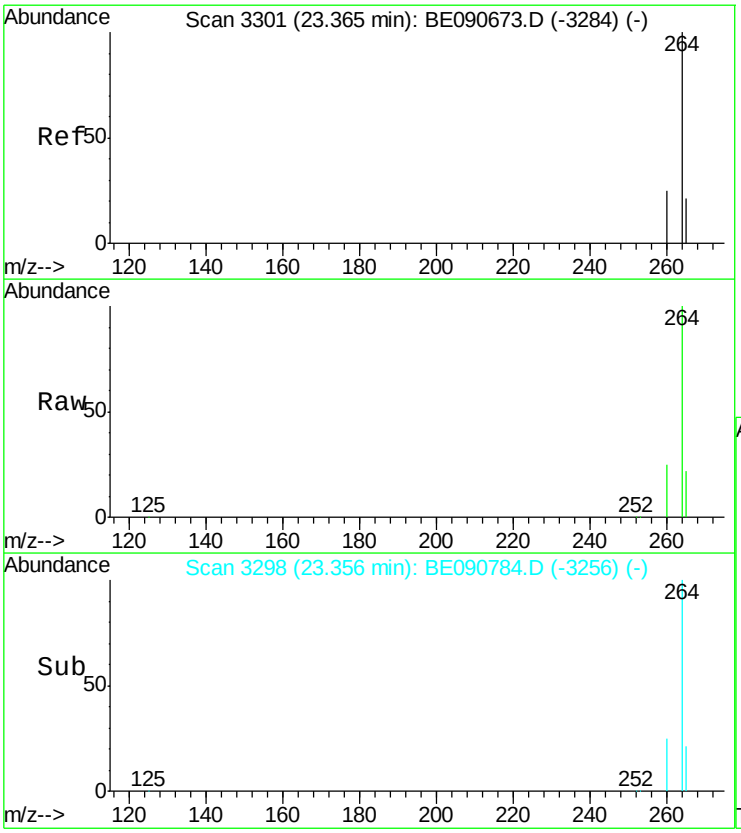
#27
Terphenyl-d14
Concen: 5.40 ng
RT: 19.53 min Scan# 2608
Delta R.T. -0.01 min
Lab File: BE090784.D
Acq: 11 Sep 2015 14:51

Instrument :
BNA_E
ClientSampleId :
PB85487BL

Tgt Ion:244 Resp: 173529

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	16.1	12.9	19.3





#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3298
Delta R.T. -0.01 min
Lab File: BE090784.D
Acq: 11 Sep 2015 14:51

Tgt Ion:264 Resp: 250362

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	21.5	17.5	26.3