Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090415\
Data File : BE090731.D
Acq On : 4 Sep 2015 16:02
Operator : UM/IZ
Sample : PB85414BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB85414BL

Quant Time: Sep 04 16:36:33 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	7.55	152	43982	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	190019	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	102179	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	255592	5.00	ng	0.00
25) Chrysene-d12	21.07	240	321502	5.00	ng	0.00
32) Perylene-d12	23.36	264	297124	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	80563	9.39	ng	0.00
5) Phenol-d6	6.75	99	105039	8.58	ng	0.00
7) Nitrobenzene-d5	8.72	82	44847	3.57	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	24275	8.09	ng	0.02
14) 2-Fluorobiphenyl	12.80	172	98727	3.49	ng	0.00
27) Terphenyl-d14	19.53	244	166376	4.68	ng	0.00
Target Compounds						Qvalue

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

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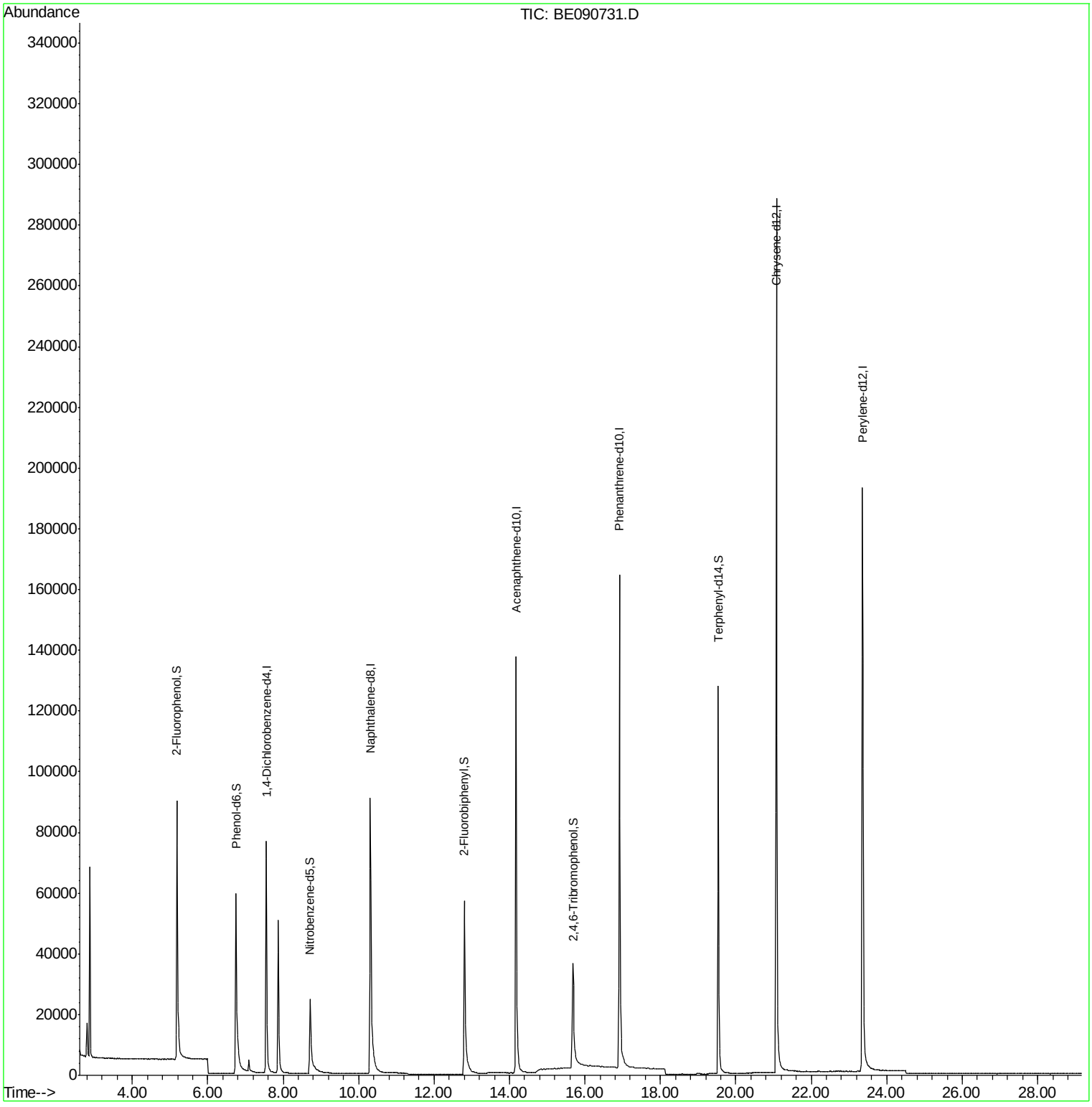
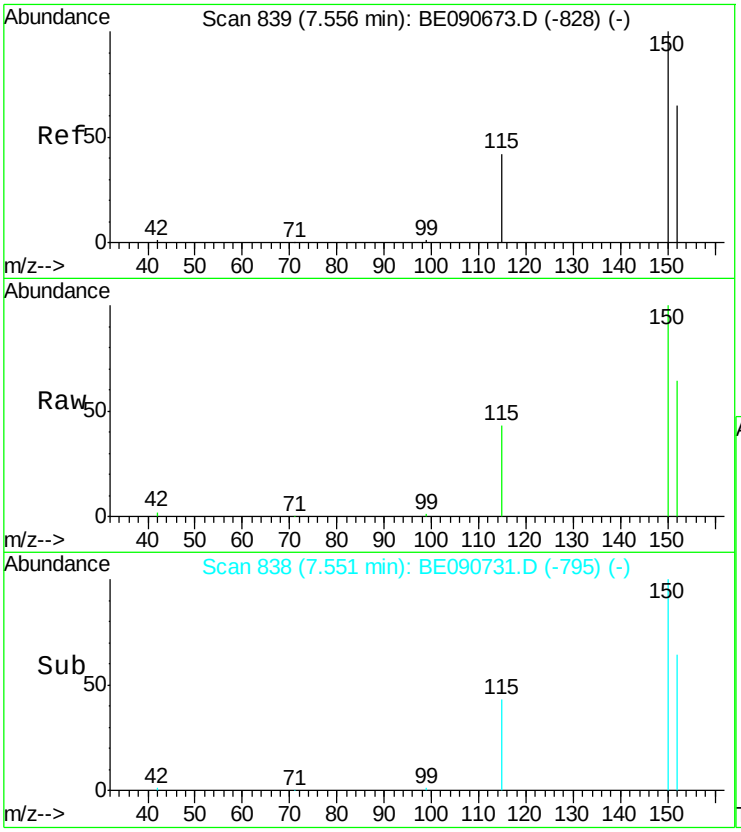


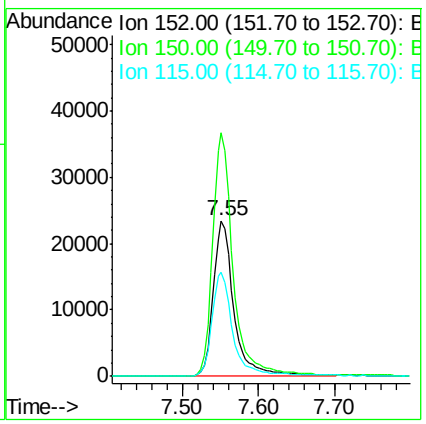


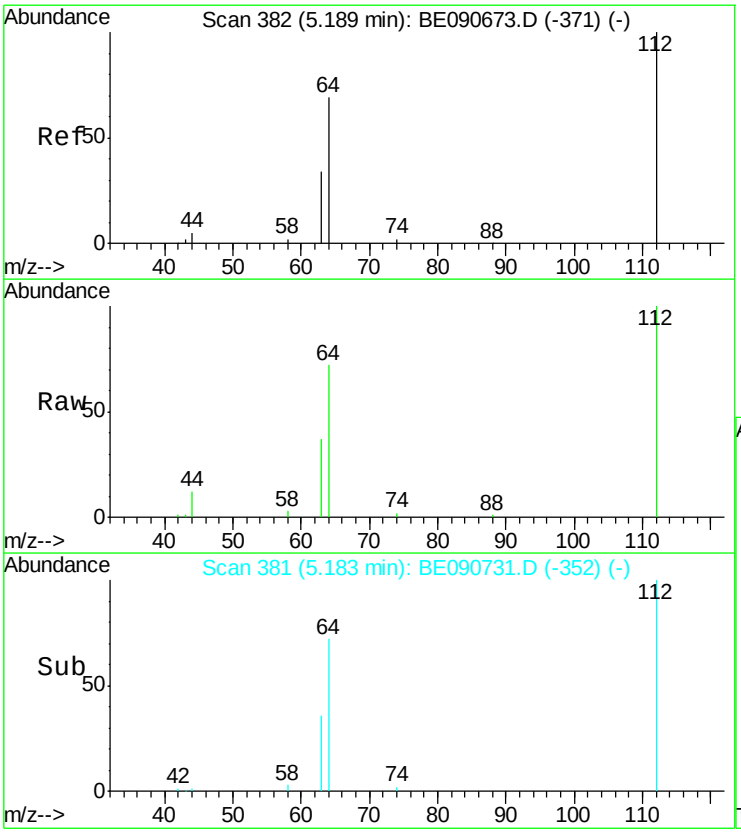
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.01 min
Lab File: BE090731.D
Acq: 4 Sep 2015 16:02

Instrument :
BNA_E
ClientSampleId :
PB85414BL

Tgt Ion:152 Resp: 43982

Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.2	183.4
115	66.8	51.0	76.4

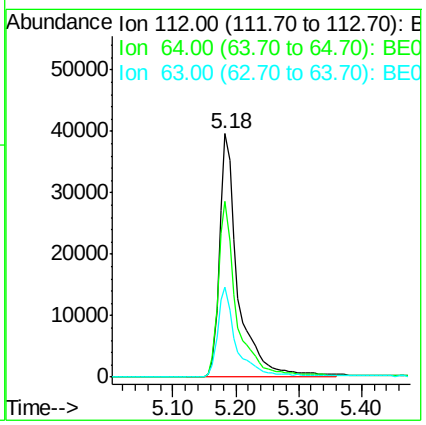


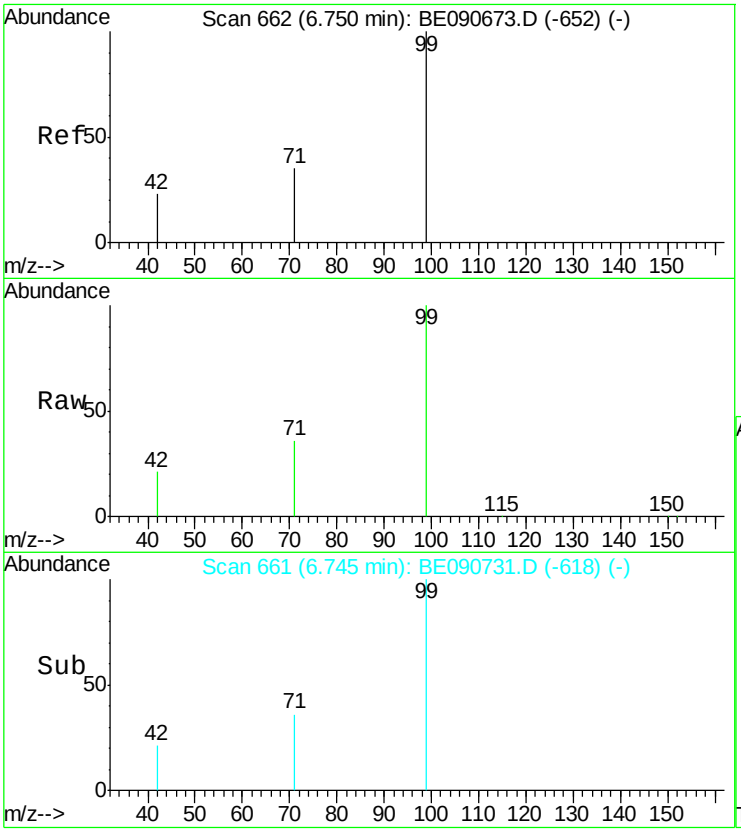


#4
2-Fluorophenol
Concen: 9.39 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.00 min
Lab File: BE090731.D
Acq: 4 Sep 2015 16:02

Tgt Ion:112 Resp: 80563

Ion	Ratio	Lower	Upper
112	100		
64	71.6	57.3	85.9
63	36.7	29.2	43.8



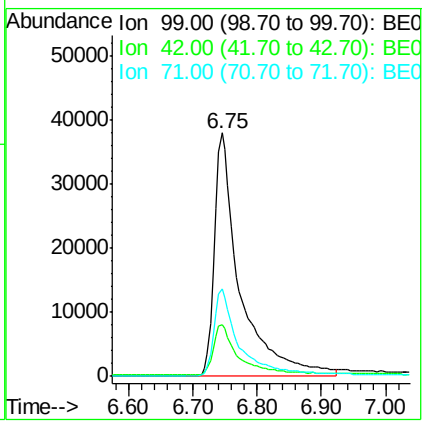


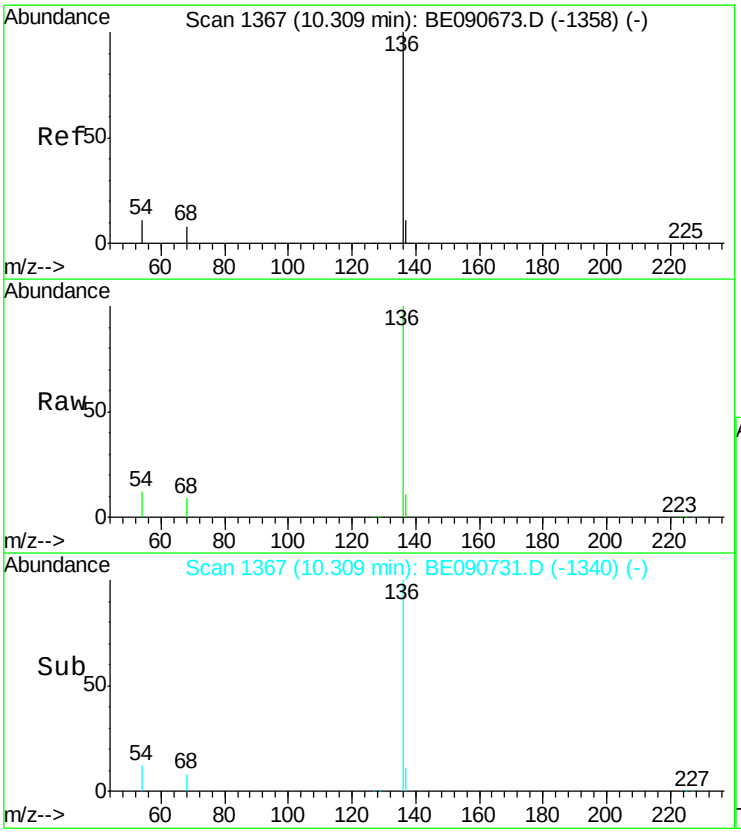
#5
Phenol-d6
Concen: 8.58 ng
RT: 6.75 min Scan# 661
Delta R.T. -0.01 min
Lab File: BE090731.D
Acq: 4 Sep 2015 16:02

Instrument :
BNA_E
ClientSampleId :
PB85414BL

Tgt Ion: 99 Resp: 105039

Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.8	25.2
71	35.9	28.3	42.5

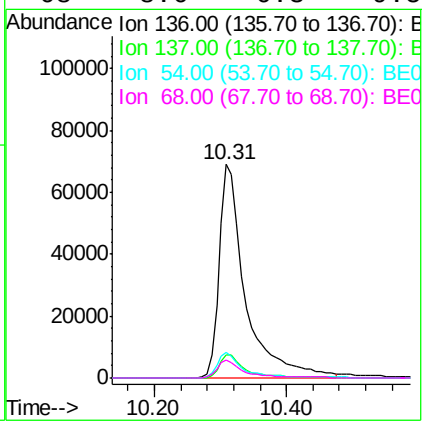


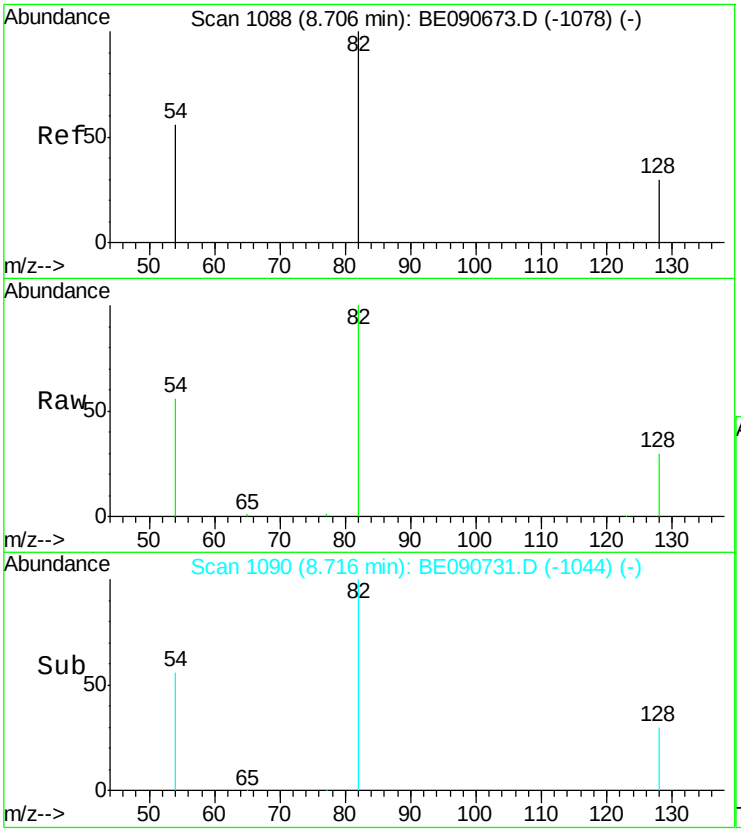


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090731.D
Acq: 4 Sep 2015 16:02

Tgt Ion:136 Resp: 190019

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	12.3	9.0	13.6
68	8.6	6.3	9.5



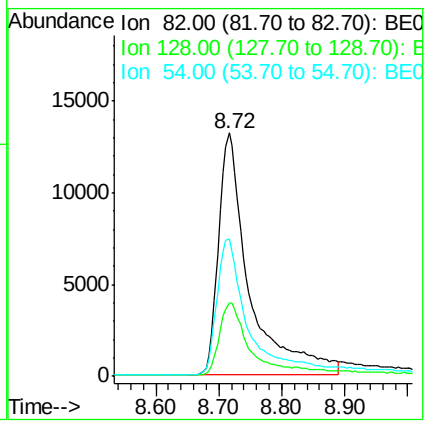


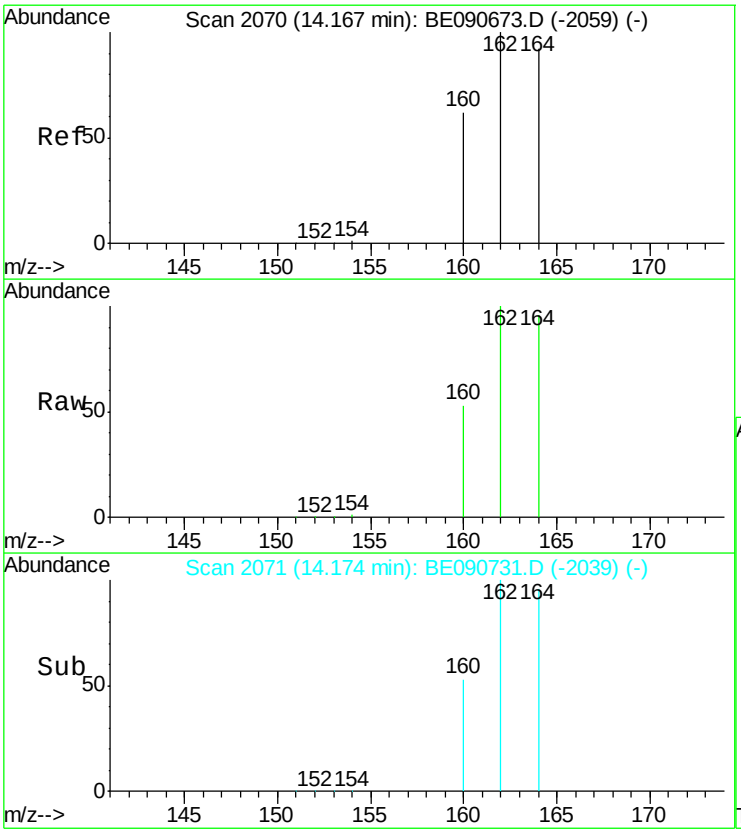
#7
Nitrobenzene-d5
Concen: 3.57 ng
RT: 8.72 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BE090731.D
Acq: 4 Sep 2015 16:02

Instrument :
BNA_E
ClientSampleId :
PB85414BL

Tgt Ion: 82 Resp: 44847

Ion	Ratio	Lower	Upper
82	100		
128	30.2	25.0	37.4
54	56.2	46.3	69.5

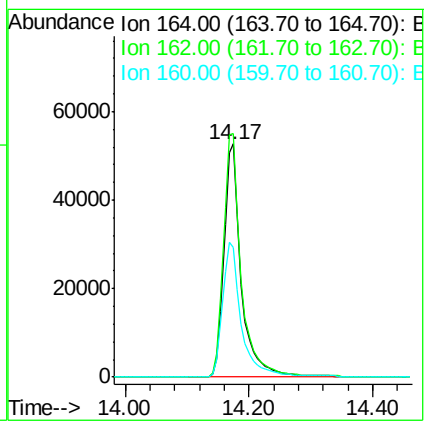


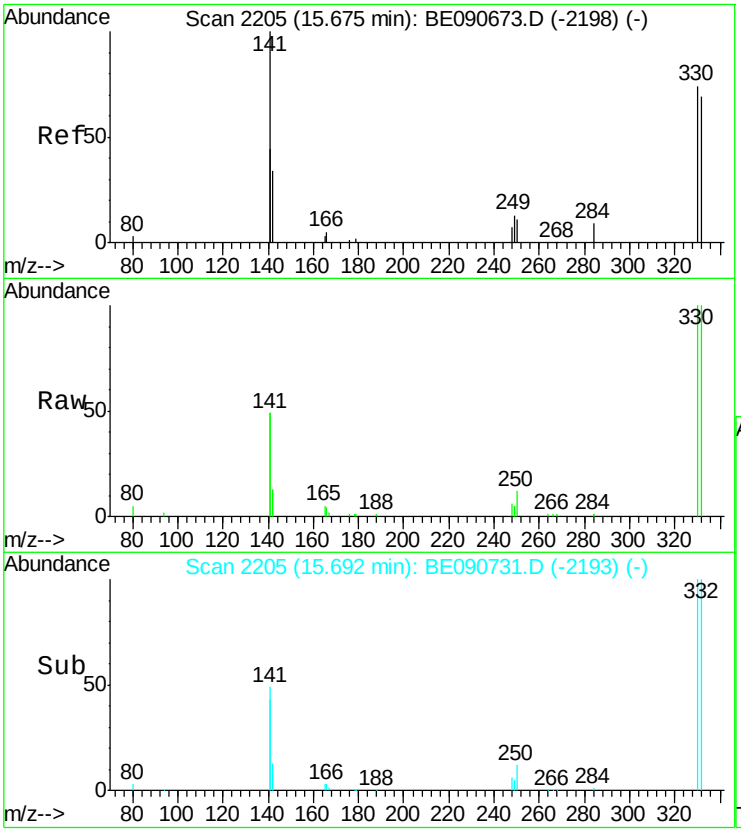


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2071
Delta R.T. 0.01 min
Lab File: BE090731.D
Acq: 4 Sep 2015 16:02

Tgt Ion:164 Resp: 102179

Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.8	130.2
160	55.7	53.9	80.9



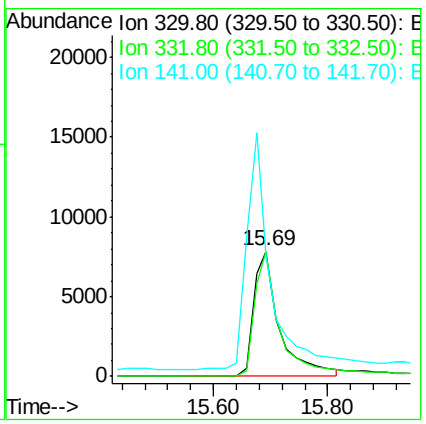


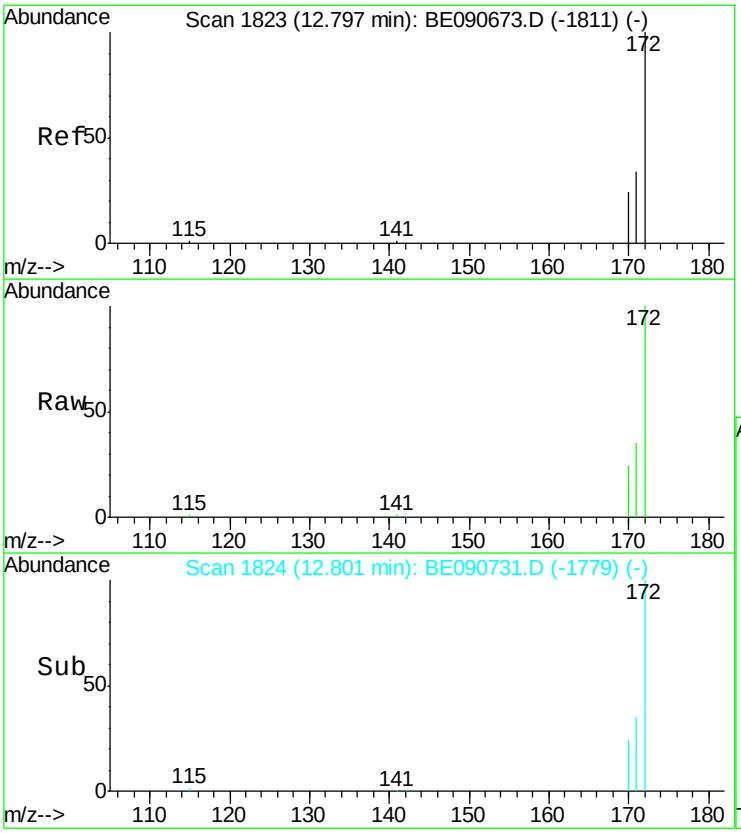
#13
2,4,6-Tribromophenol
Concen: 8.09 ng
RT: 15.69 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BE090731.D
Acq: 4 Sep 2015 16:02

Instrument :
BNA_E
ClientSampleId :
PB85414BL

Tgt Ion:330 Resp: 24275

Ion	Ratio	Lower	Upper
330	100		
332	96.1	74.9	112.3
141	178.0	145.2	217.8

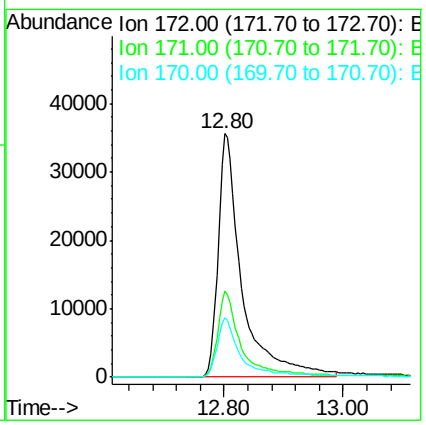


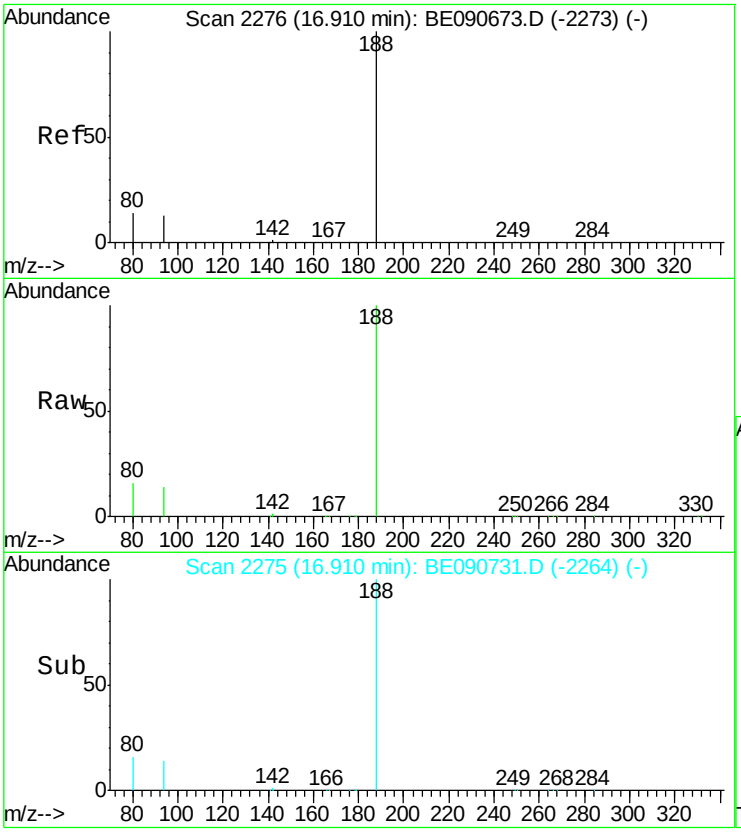


#14
2-Fluorobiphenyl
Concen: 3.49 ng
RT: 12.80 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BE090731.D
Acq: 4 Sep 2015 16:02

Tgt Ion:172 Resp: 98727

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.8
170	24.4	19.8	29.6



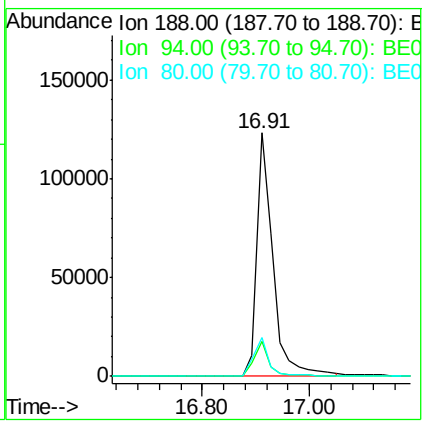


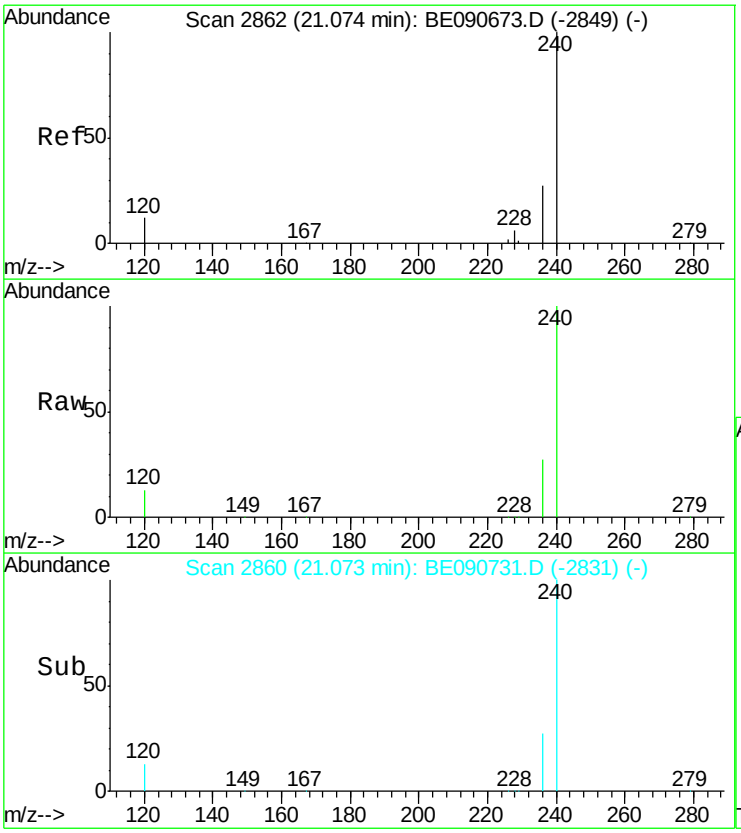
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090731.D
Acq: 4 Sep 2015 16:02

Instrument :
BNA_E
ClientSampleId :
PB85414BL

Tgt Ion:188 Resp: 255592

Ion	Ratio	Lower	Upper
188	100		
94	14.2	10.3	15.5
80	16.1	11.0	16.6

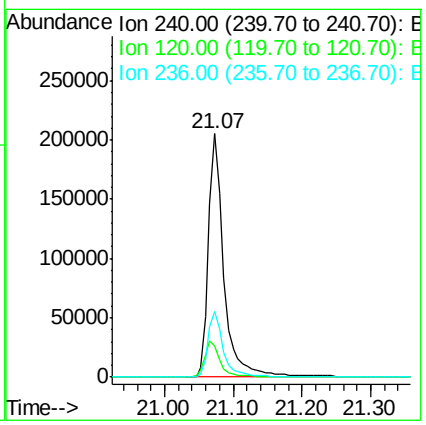


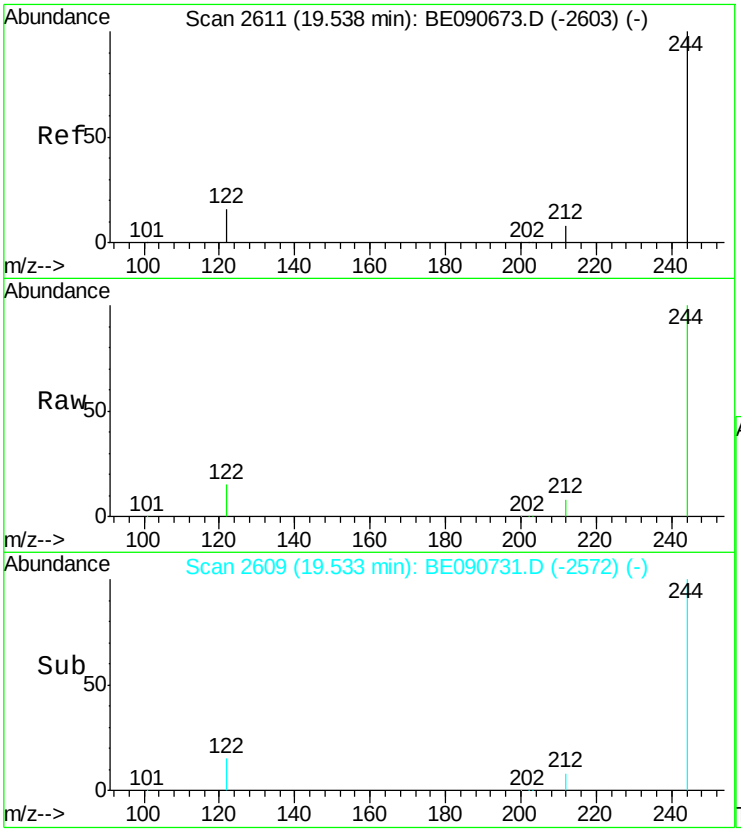


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE090731.D
Acq: 4 Sep 2015 16:02

Tgt Ion:240 Resp: 321502

Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.1	15.1
236	27.2	21.9	32.9



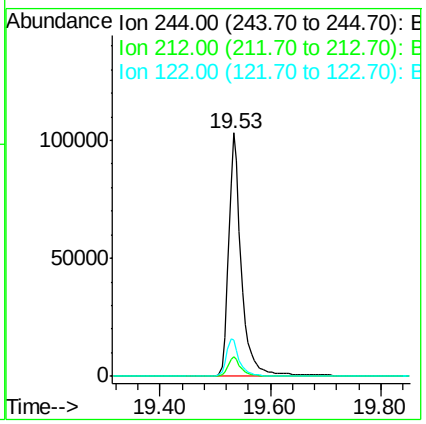


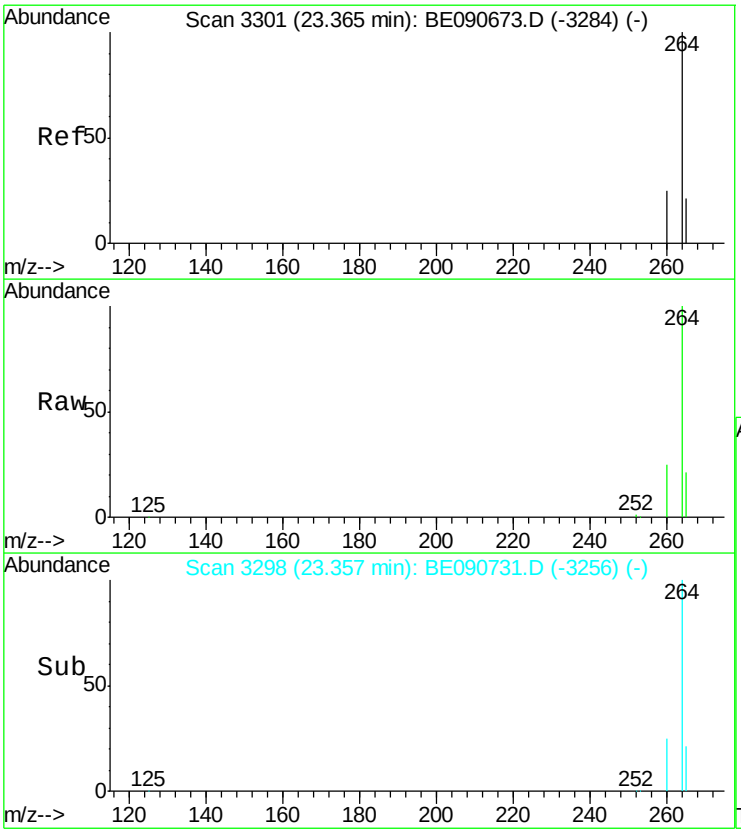
#27
Terphenyl-d14
Concen: 4.68 ng
RT: 19.53 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BE090731.D
Acq: 4 Sep 2015 16:02

Instrument :
BNA_E
ClientSampleId :
PB85414BL

Tgt Ion:244 Resp: 166376

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	15.1	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: BE090731.D
Acq: 4 Sep 2015 16:02

Tgt Ion:264 Resp: 297124

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.7	29.5
265	21.2	17.5	26.3