Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082615\
Data File : BE090636.D
Acq On : 26 Aug 2015 13:48
Operator : UM/IZ
Sample : PB85188BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB85188BL

Quant Time: Aug 26 23:52:52 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 26 23:44:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	14431	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	61163	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	34541	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	96967	5.00	ng	0.00
25) Chrysene-d12	21.10	240	101546	5.00	ng	0.00
32) Perylene-d12	23.41	264	85311	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	25367	6.08	ng	0.00
5) Phenol-d6	6.76	99	32237	5.26	ng	0.00
7) Nitrobenzene-d5	8.73	82	15497	3.18	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	8693	6.54	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	32965	3.20	ng	0.00
27) Terphenyl-d14	19.56	244	66793	3.60	ng	0.00
Target Compounds						Qvalue

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

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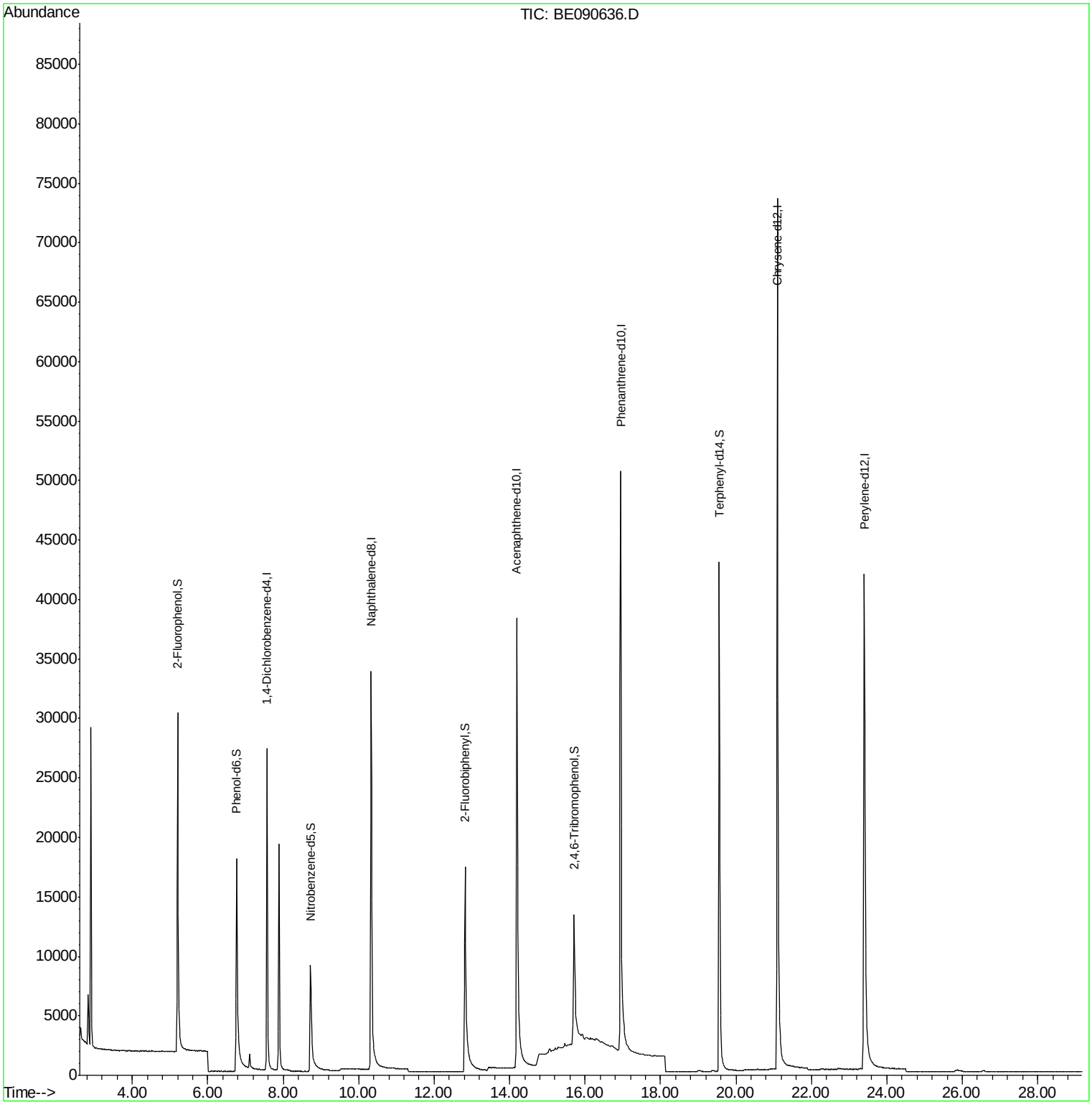
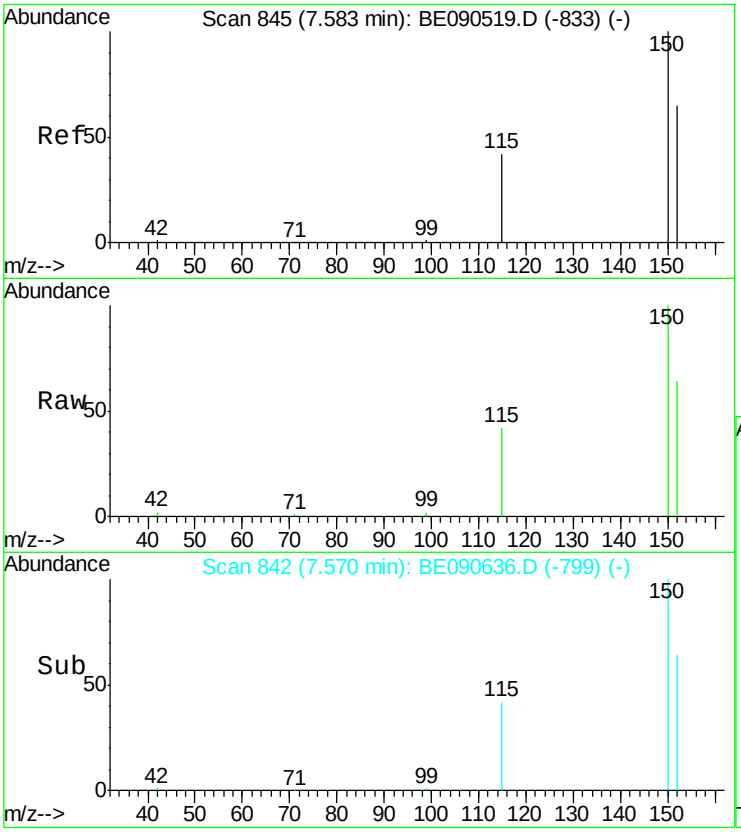


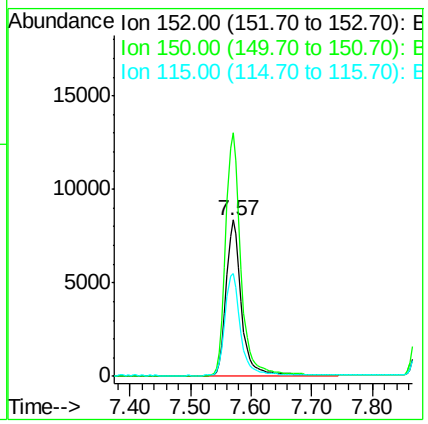


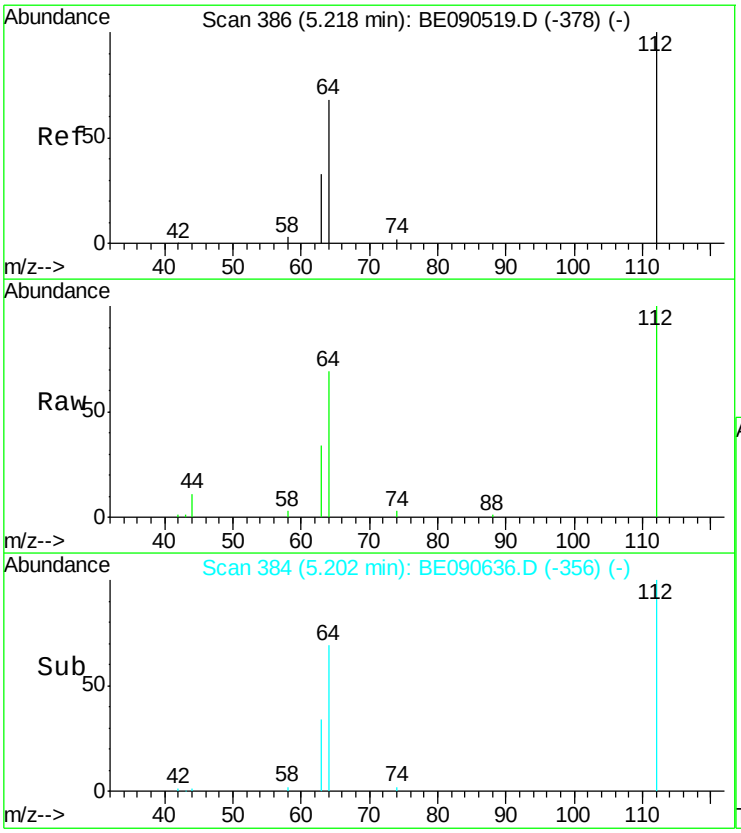
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.57 min Scan# 842
Delta R.T. -0.00 min
Lab File: BE090636.D
Acq: 26 Aug 2015 13:48

Instrument :
BNA_E
ClientSampleId :
PB85188BL

Tgt Ion:152 Resp: 14431

Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.0	184.4
115	66.3	48.9	73.3

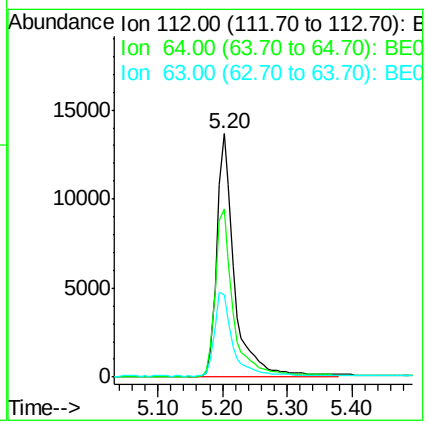


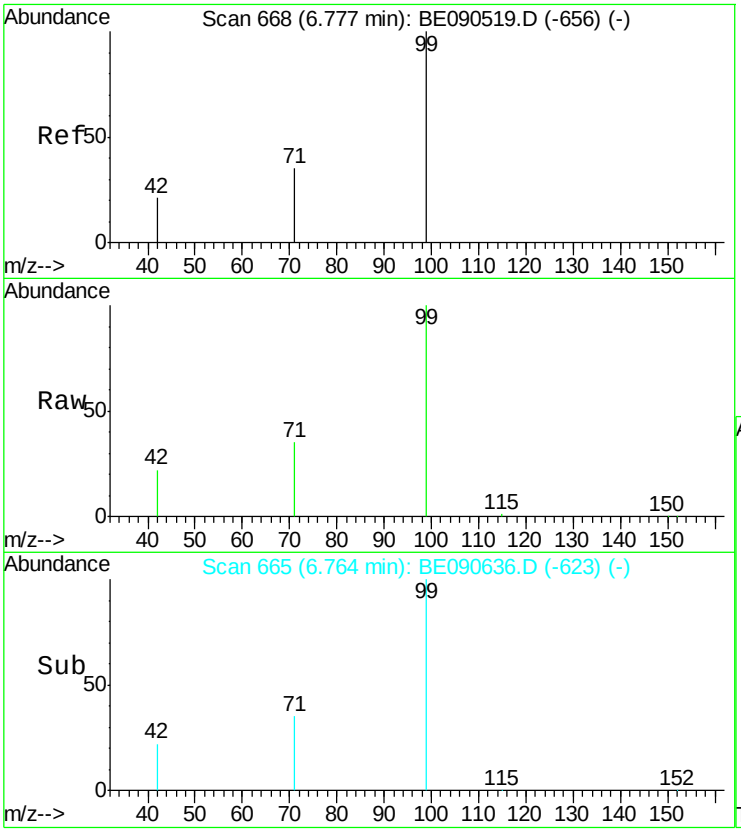


#4
2-Fluorophenol
Concen: 6.08 ng
RT: 5.20 min Scan# 384
Delta R.T. -0.01 min
Lab File: BE090636.D
Acq: 26 Aug 2015 13:48

Tgt Ion:112 Resp: 25367

Ion	Ratio	Lower	Upper
112	100		
64	70.5	37.1	55.7#
63	36.2	19.5	29.3#



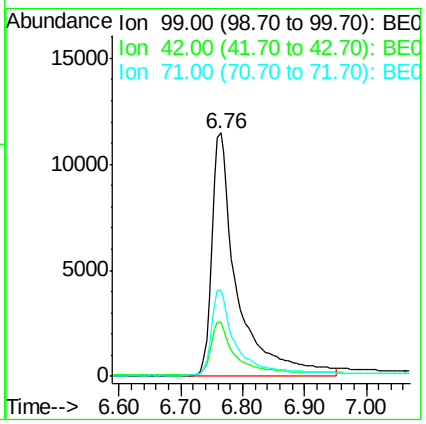


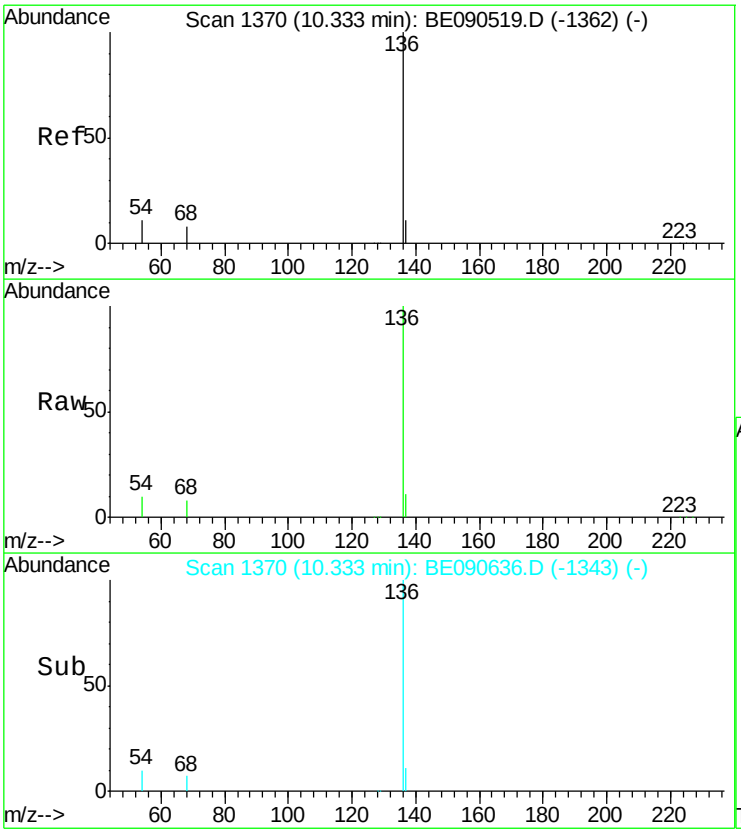
#5
Phenol-d6
Concen: 5.26 ng
RT: 6.76 min Scan# 665
Delta R.T. -0.01 min
Lab File: BE090636.D
Acq: 26 Aug 2015 13:48

Instrument :
BNA_E
ClientSampleId :
PB85188BL

Tgt Ion: 99 Resp: 32237

Ion	Ratio	Lower	Upper
99	100		
42	21.2	18.2	27.4
71	35.2	27.4	41.0

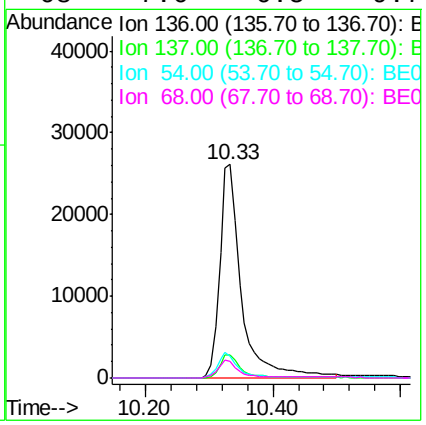


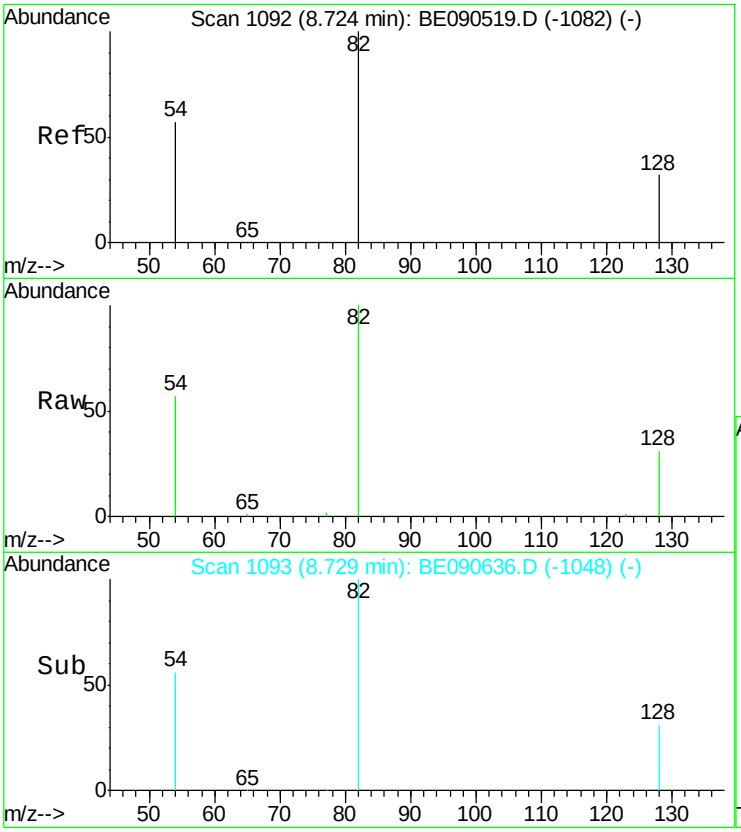


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.33 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE090636.D
Acq: 26 Aug 2015 13:48

Tgt Ion:136 Resp: 61163

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.1	9.4	14.0
68	7.6	6.5	9.7



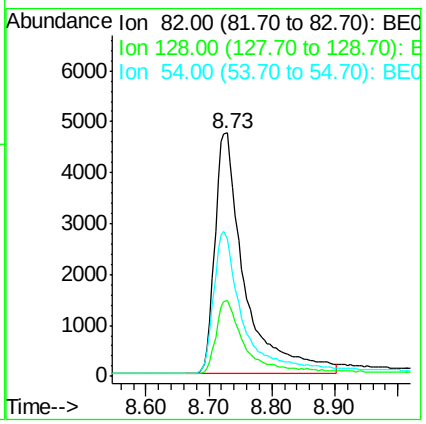


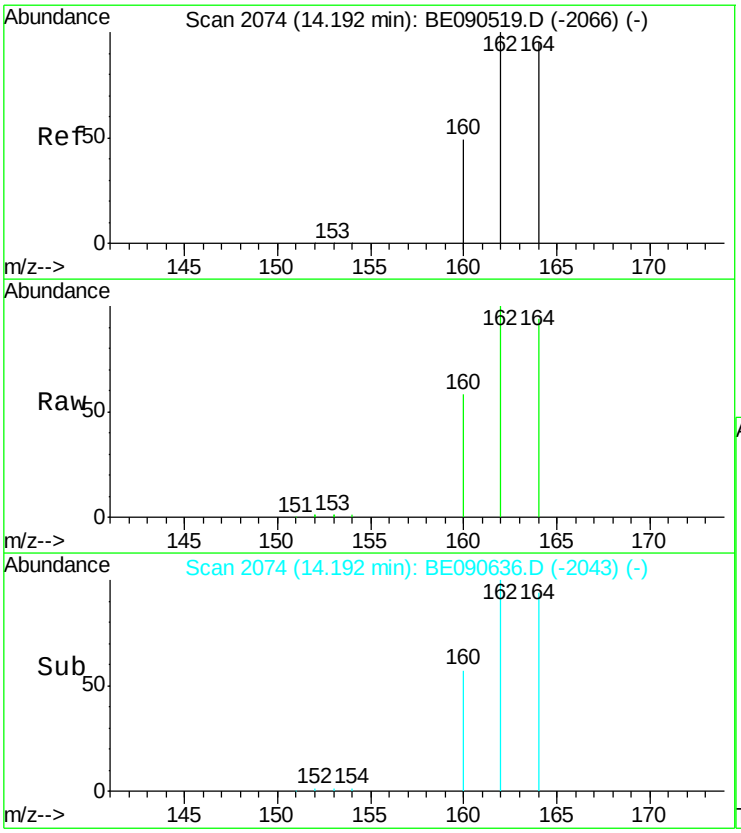
#7
Nitrobenzene-d5
Concen: 3.18 ng
RT: 8.73 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE090636.D
Acq: 26 Aug 2015 13:48

Instrument :
BNA_E
ClientSampleId :
PB85188BL

Tgt Ion: 82 Resp: 15497

Ion	Ratio	Lower	Upper
82	100		
128	31.2	25.0	37.6
54	56.5	48.8	73.2

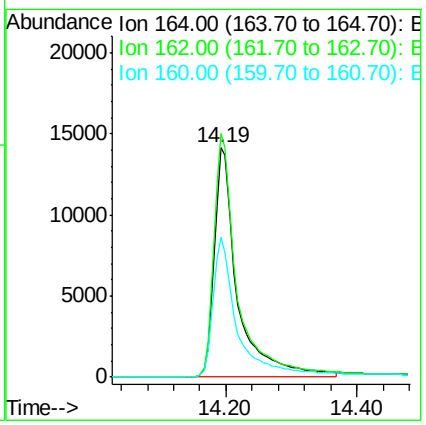


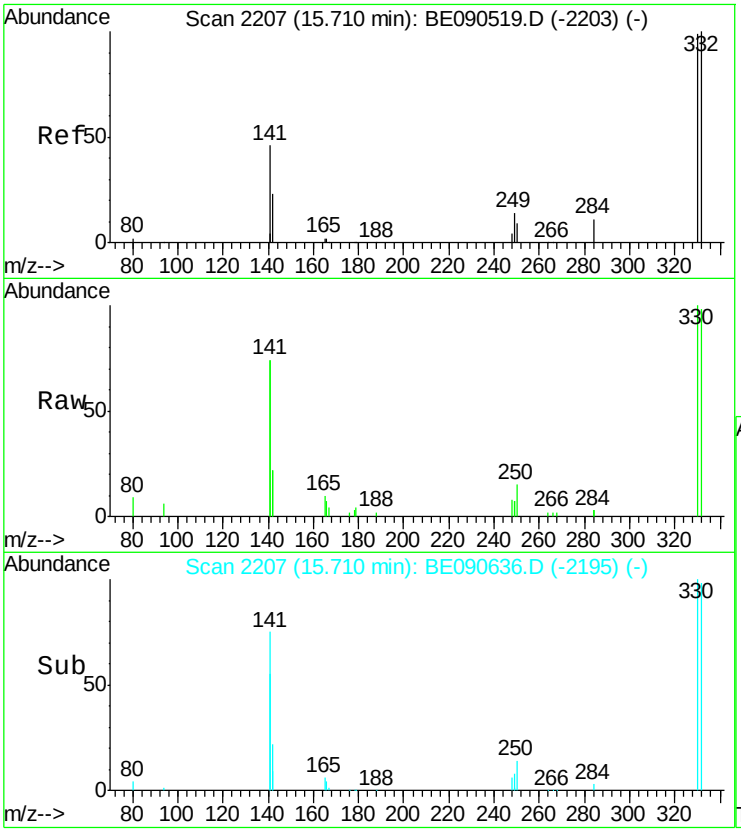


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BE090636.D
Acq: 26 Aug 2015 13:48

Tgt Ion:164 Resp: 34541

Ion	Ratio	Lower	Upper
164	100		
162	106.1	81.8	122.8
160	61.1	44.2	66.4



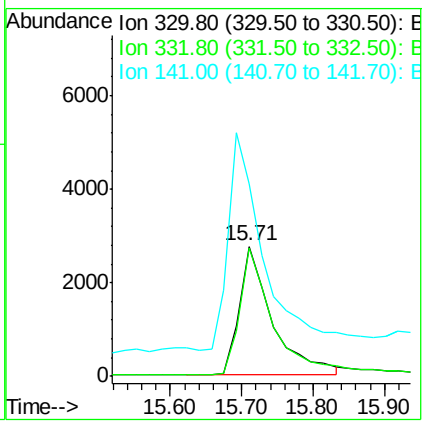


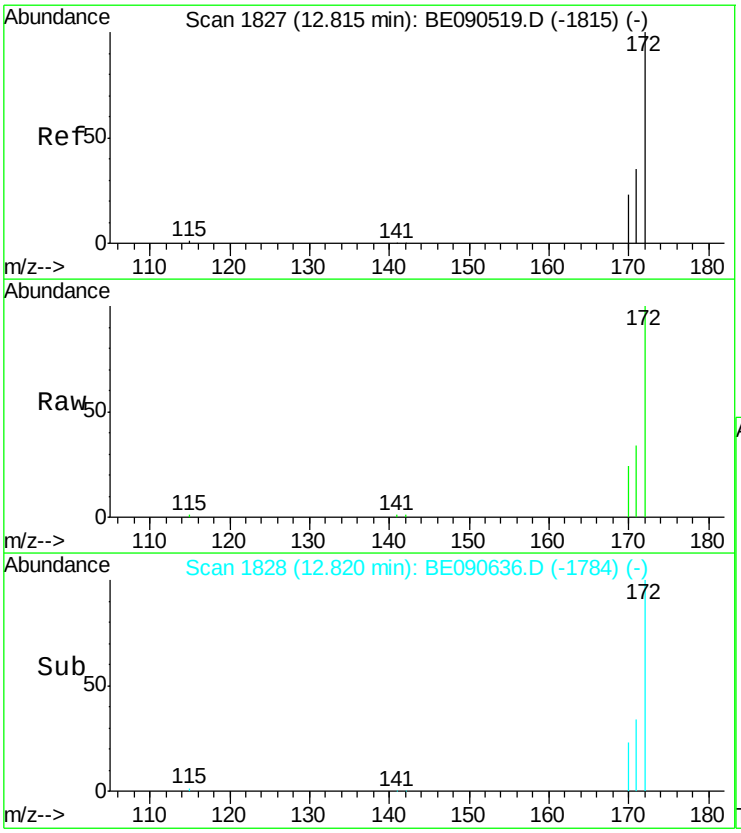
#13
2,4,6-Tribromophenol
Concen: 6.54 ng
RT: 15.71 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BE090636.D
Acq: 26 Aug 2015 13:48

Instrument :
BNA_E
ClientSampleId :
PB85188BL

Tgt Ion:330 Resp: 8693

Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.8	113.6
141	185.3	114.4	171.6#

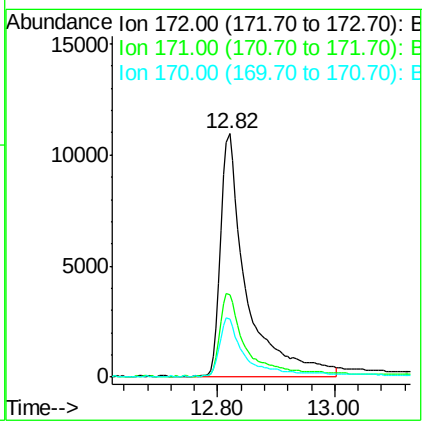


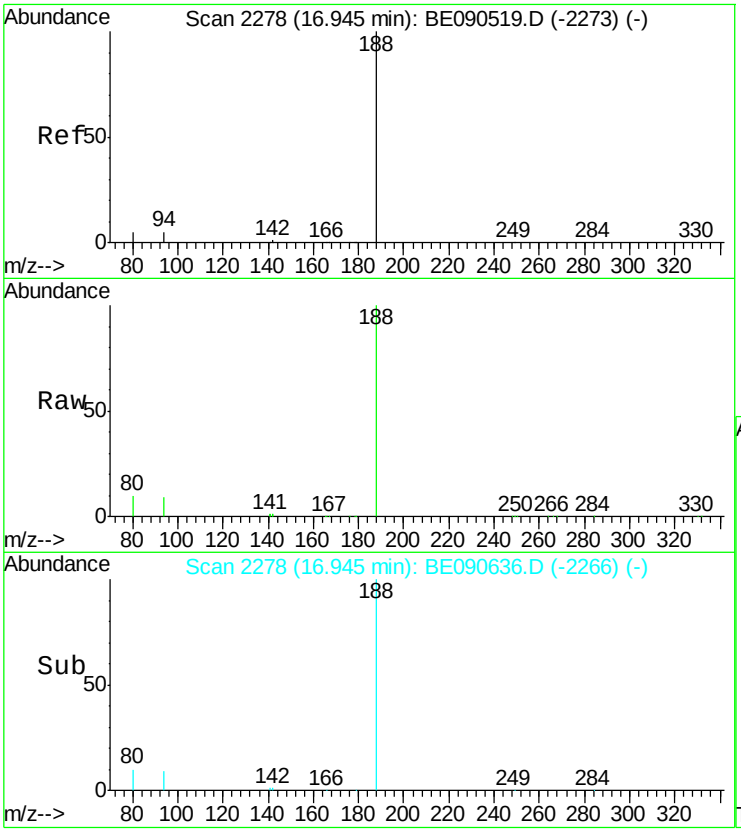


#14
2-Fluorobiphenyl
Concen: 3.20 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090636.D
Acq: 26 Aug 2015 13:48

Tgt Ion:172 Resp: 32965

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.5	42.7
170	23.6	19.8	29.8



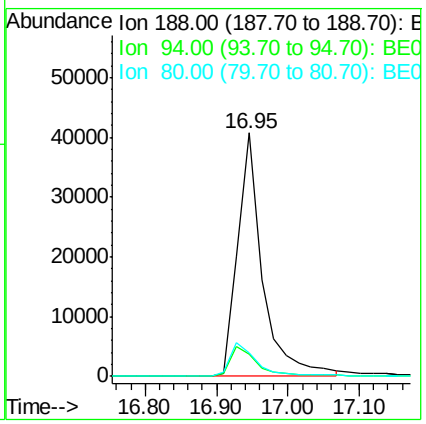


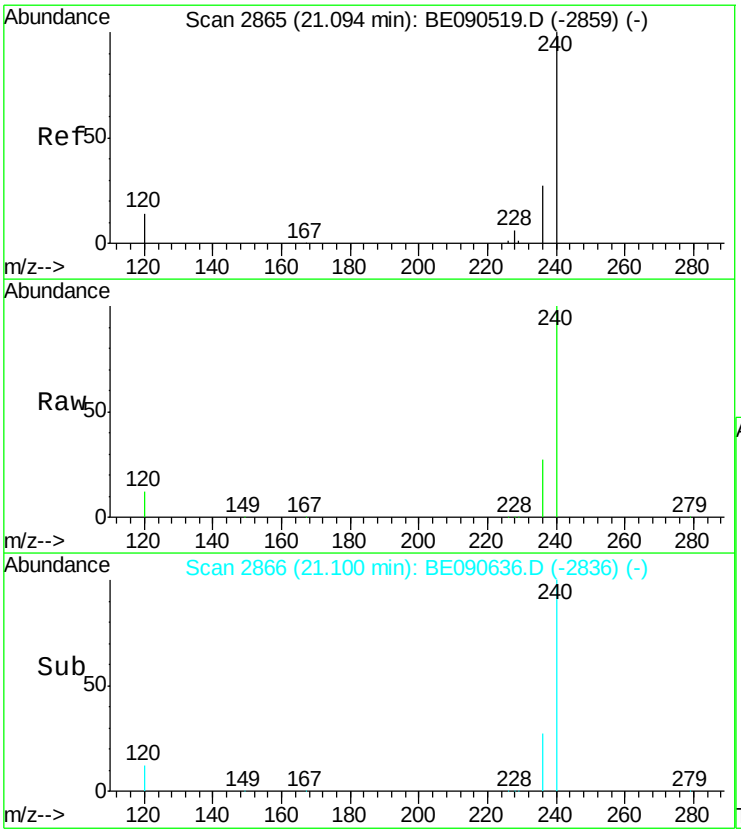
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.95 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090636.D
Acq: 26 Aug 2015 13:48

Instrument :
BNA_E
ClientSampleId :
PB85188BL

Tgt Ion:188 Resp: 96967

Ion	Ratio	Lower	Upper
188	100		
94	9.1	5.7	8.5#
80	9.8	5.8	8.8#

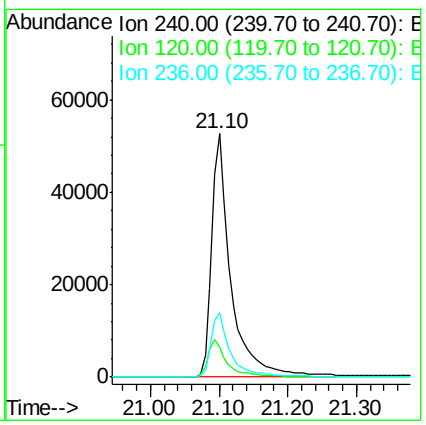


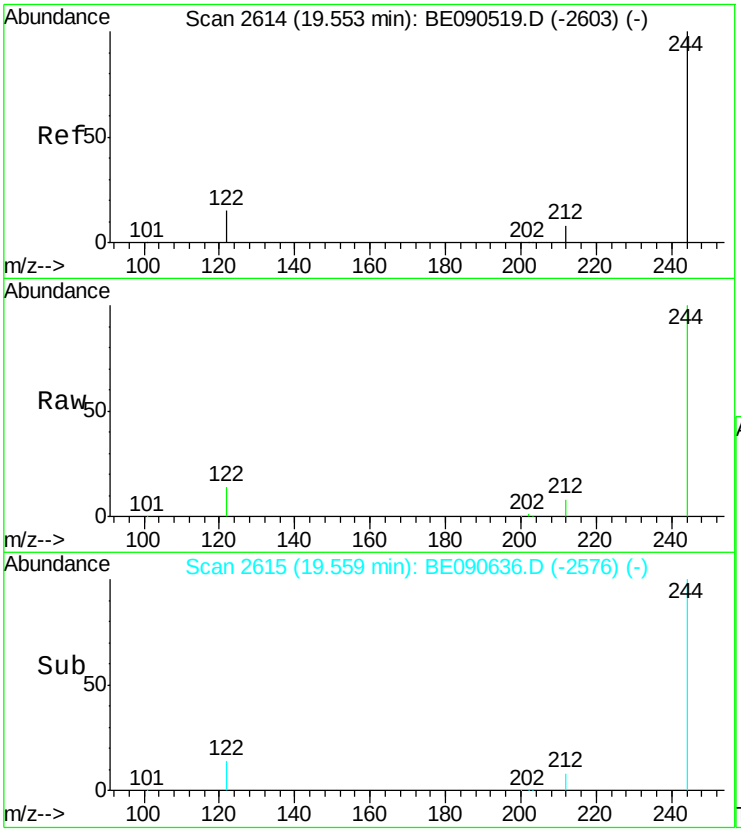


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.10 min Scan# 2866
Delta R.T. 0.01 min
Lab File: BE090636.D
Acq: 26 Aug 2015 13:48

Tgt Ion:240 Resp: 101546

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.3	12.5
236	26.6	21.0	31.4



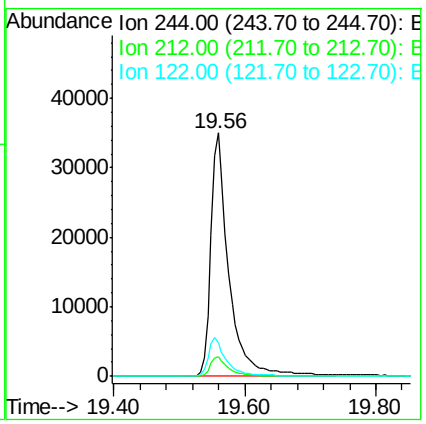


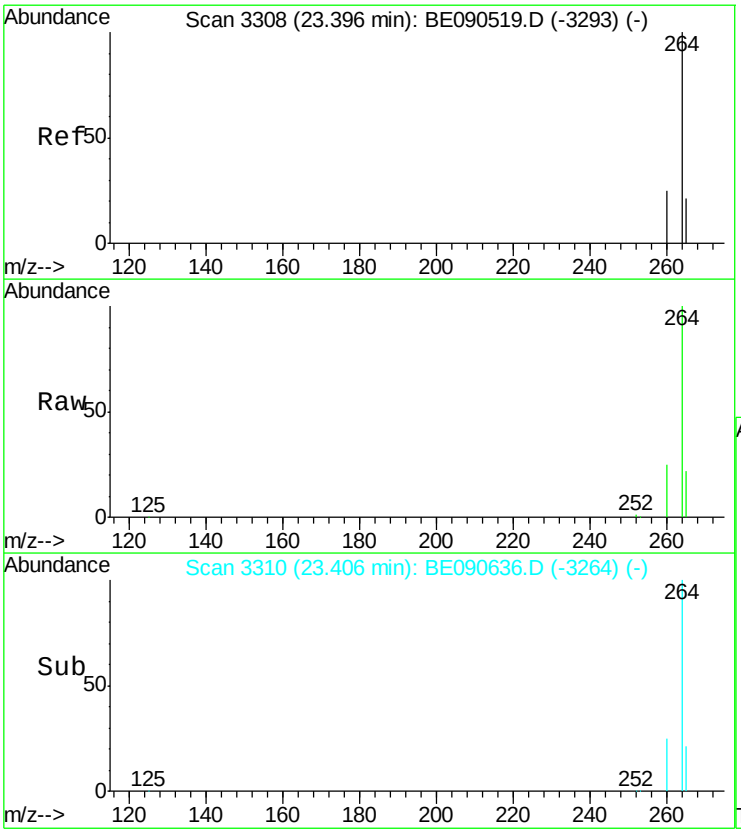
#27
Terphenyl-d14
Concen: 3.60 ng
RT: 19.56 min Scan# 2615
Delta R.T. 0.00 min
Lab File: BE090636.D
Acq: 26 Aug 2015 13:48

Instrument :
BNA_E
ClientSampleId :
PB85188BL

Tgt Ion:244 Resp: 66793

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	9.8
122	14.1	10.2	15.4





#32
Perylene-d12
Concen: 5.00 ng
RT: 23.41 min Scan# 3310
Delta R.T. 0.01 min
Lab File: BE090636.D
Acq: 26 Aug 2015 13:48

Tgt Ion:264 Resp: 85311

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.1	30.1
265	21.8	17.2	25.8