Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090916\
Data File : BE092357.D
Acq On : 9 Sep 2016 16:32
Operator : UM/SJ
Sample : PB93313BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB93313BL

Quant Time: Sep 09 17:15:18 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 19:34:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	9924	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	41713	5.00	ng	0.00
12) Acenaphthene-d10	14.81	164	22819	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	47721	5.00	ng	0.02
24) Chrysene-d12	21.75	240	54410	5.00	ng	0.00
31) Perylene-d12	24.10	264	54857	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	20189	8.56	ng	-0.01
5) Phenol-d6	7.34	99	25407	8.07	ng	-0.02
8) Nitrobenzene-d5	9.34	82	10315	3.44	ng	-0.02
13) 2,4,6-Tribromophenol	16.32	330	4259	6.03	ng	0.00
14) 2-Fluorobiphenyl	13.44	172	25280	3.61	ng	0.00
26) Terphenyl-d14	20.17	244	31018	3.85	ng	0.00
Target Compounds						Qvalue

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

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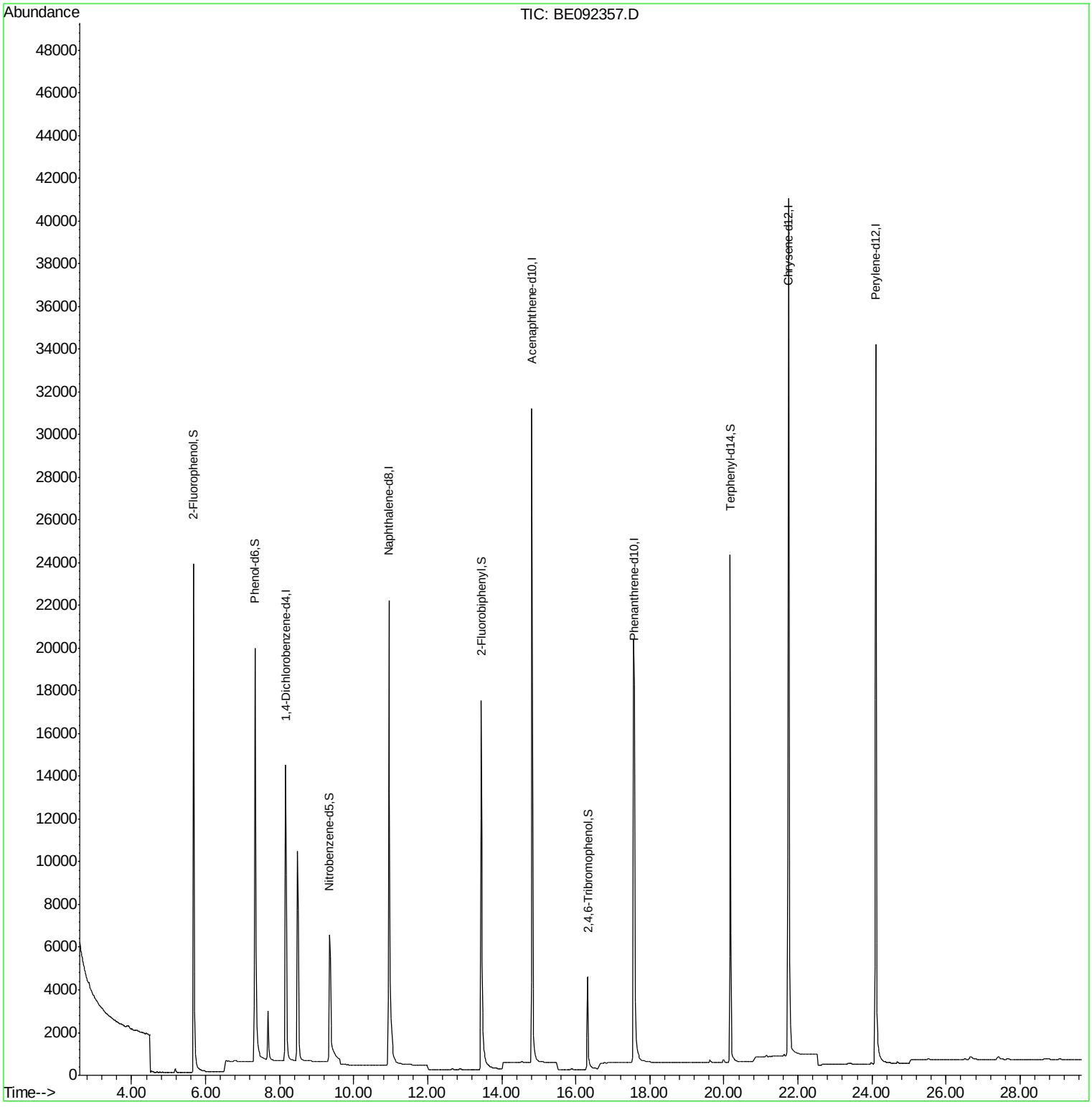
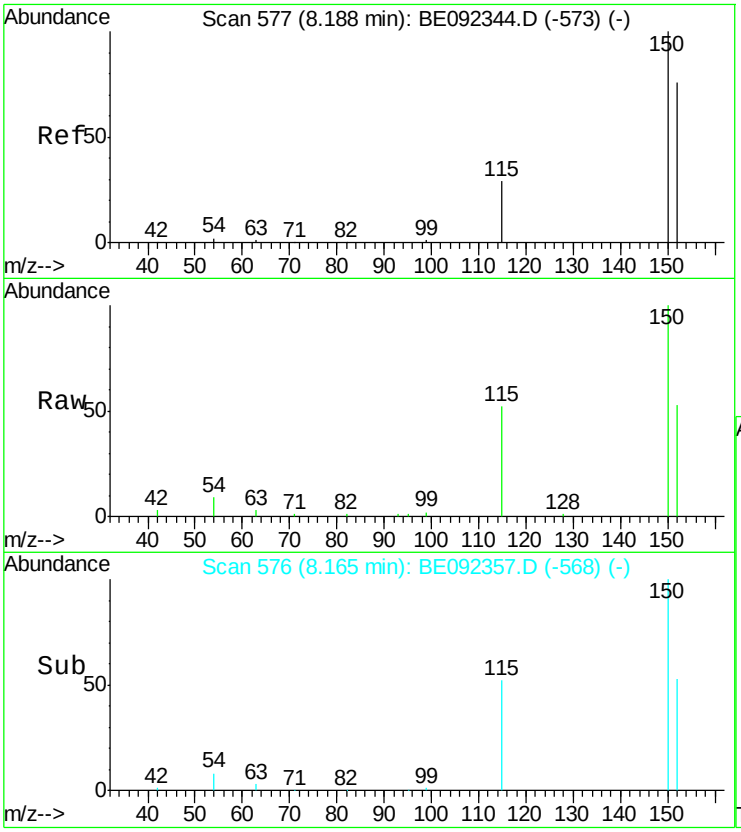


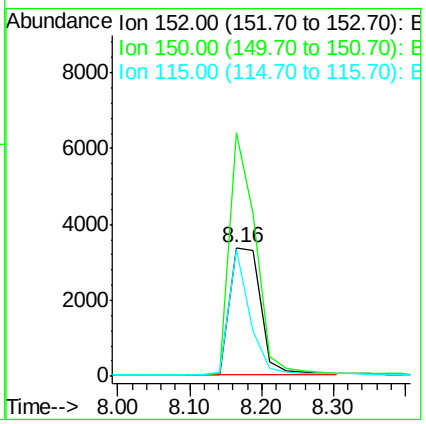


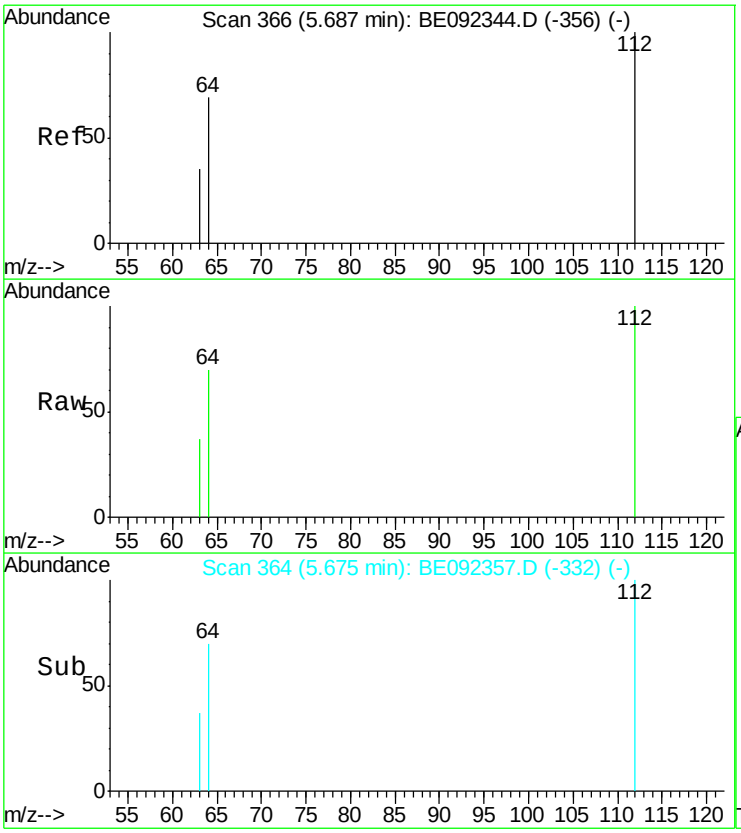
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092357.D
Acq: 9 Sep 2016 16:32

Instrument :
BNA_E
ClientSampleId :
PB93313BL

Tgt Ion:152 Resp: 9924

Ion	Ratio	Lower	Upper
152	100		
150	189.1	106.0	159.0#
115	98.3	31.2	46.8#

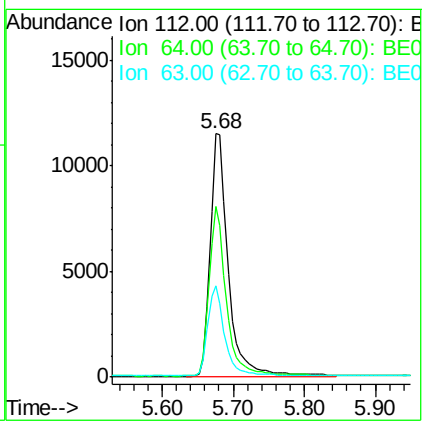


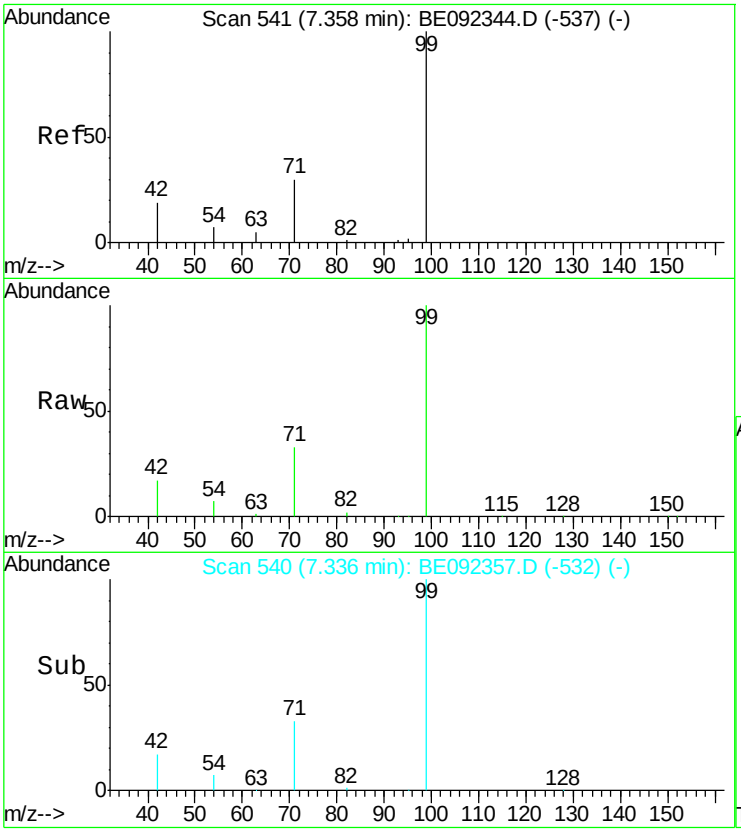


#4
2-Fluorophenol
Concen: 8.56 ng
RT: 5.68 min Scan# 364
Delta R.T. -0.01 min
Lab File: BE092357.D
Acq: 9 Sep 2016 16:32

Tgt Ion:112 Resp: 20189

Ion	Ratio	Lower	Upper
112	100		
64	67.5	53.5	80.3
63	36.0	27.9	41.9



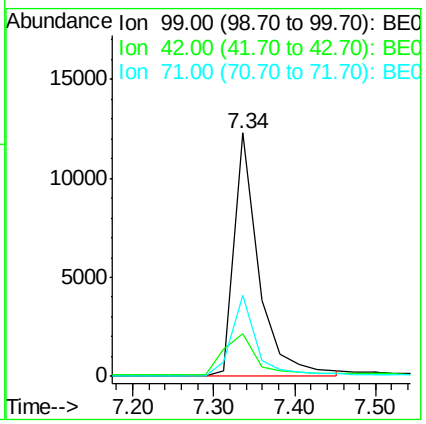


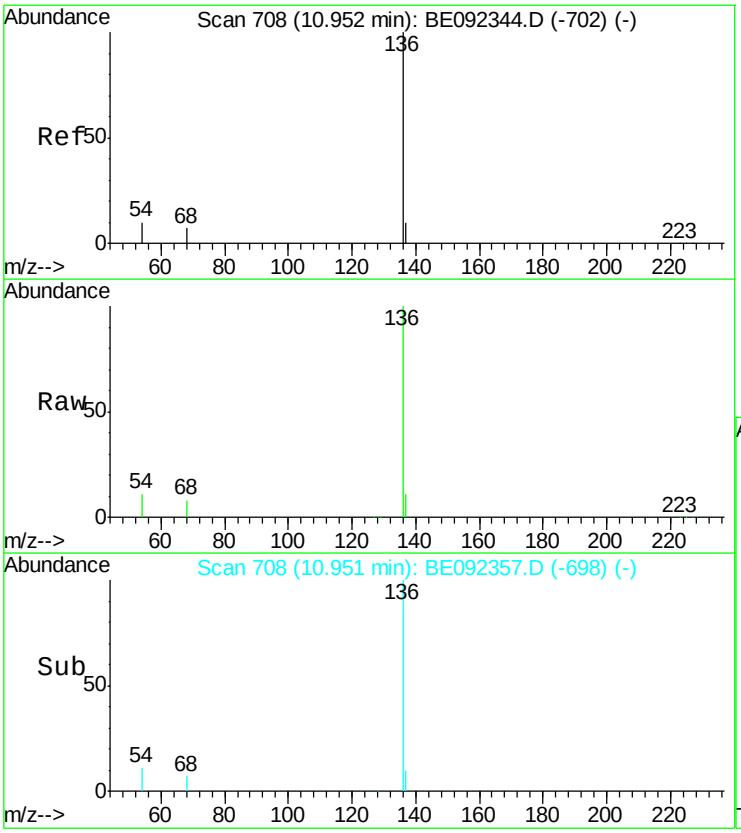
#5
Phenol-d6
Concen: 8.07 ng
RT: 7.34 min Scan# 540
Delta R.T. -0.02 min
Lab File: BE092357.D
Acq: 9 Sep 2016 16:32

Instrument :
BNA_E
ClientSampleId :
PB93313BL

Tgt Ion: 99 Resp: 25407

Ion	Ratio	Lower	Upper
99	100		
42	22.4	16.0	24.0
71	33.1	30.6	45.8

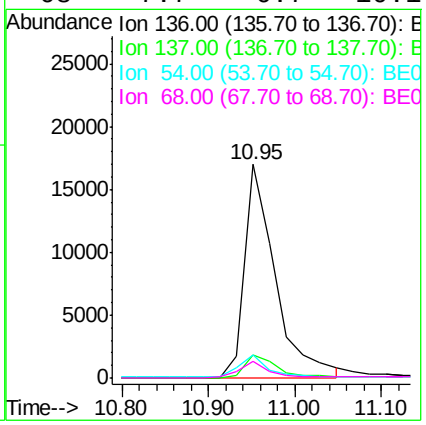


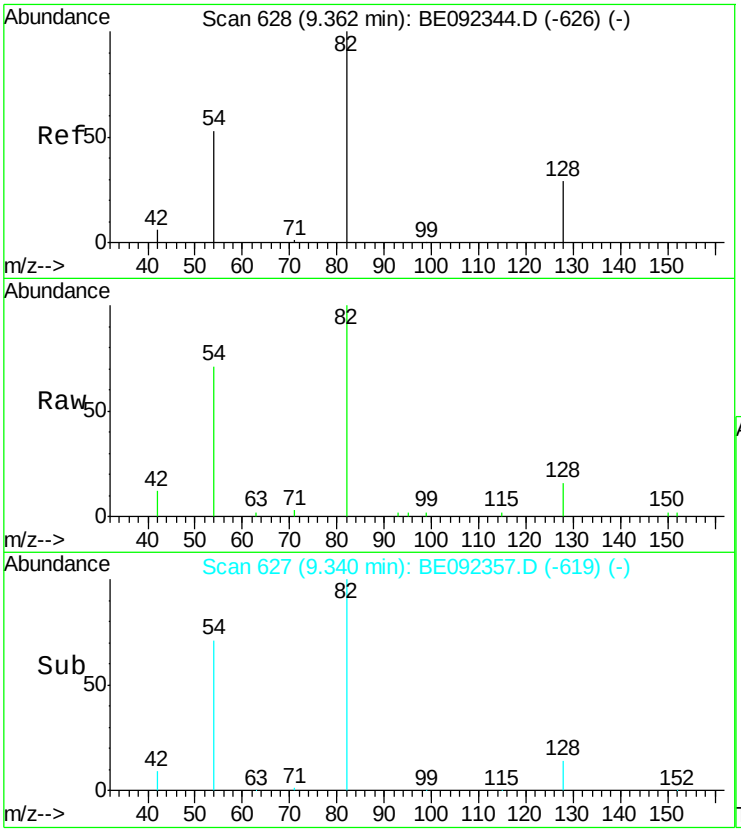


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE092357.D
Acq: 9 Sep 2016 16:32

Tgt Ion:136 Resp: 41713

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	11.0	9.6	14.4
68	7.7	6.7	10.1



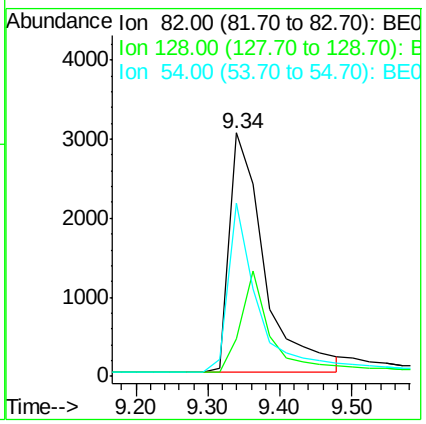


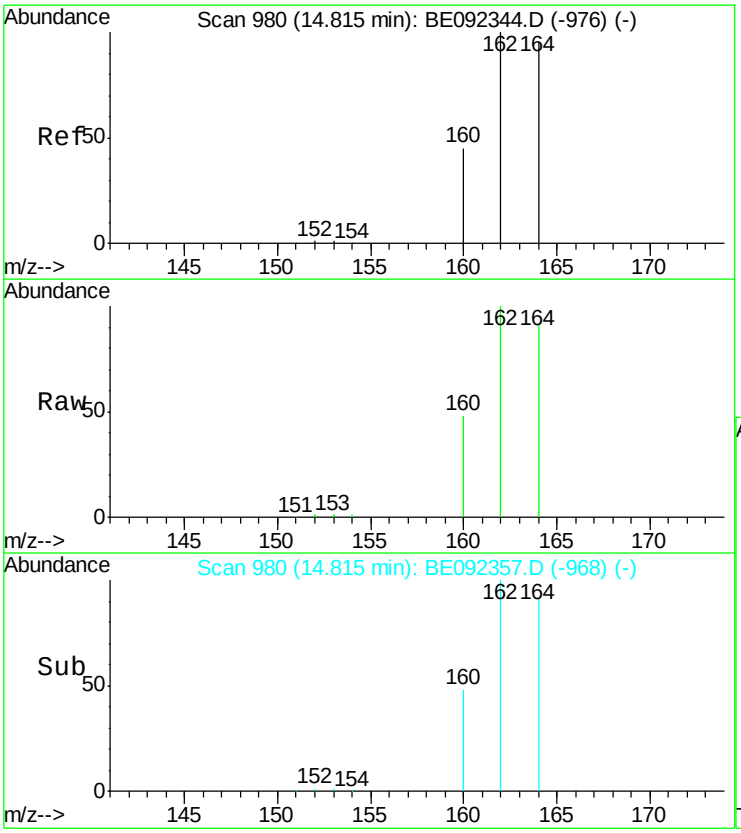
#8
Nitrobenzene-d5
Concen: 3.44 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092357.D
Acq: 9 Sep 2016 16:32

Instrument :
BNA_E
ClientSampleId :
PB93313BL

Tgt Ion: 82 Resp: 10315

Ion	Ratio	Lower	Upper
82	100		
128	15.7	39.0	58.4#
54	71.2	44.8	67.2#

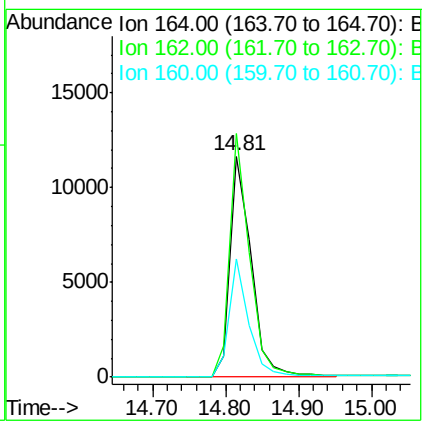


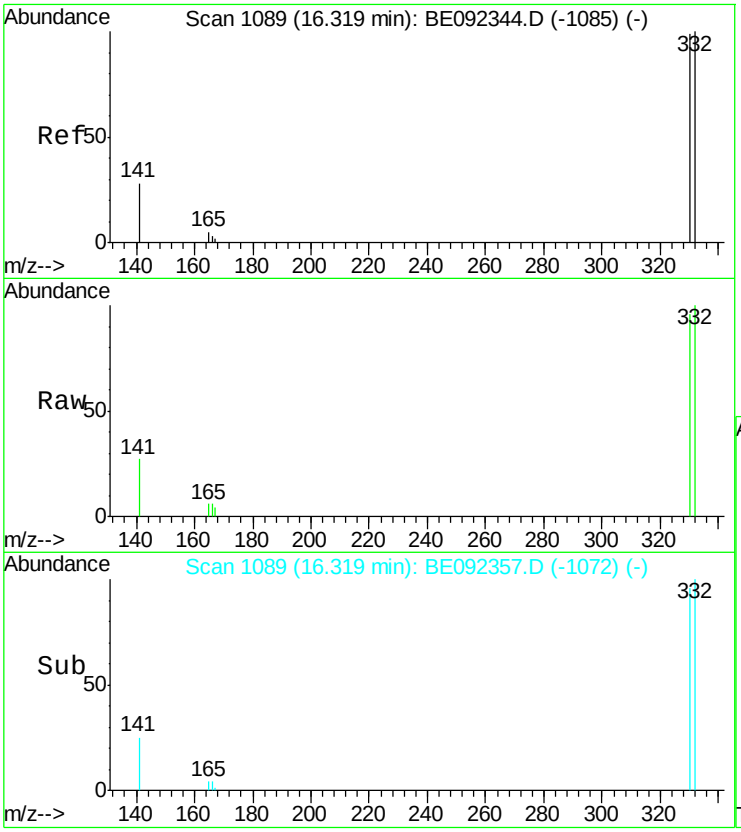


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.81 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE092357.D
Acq: 9 Sep 2016 16:32

Tgt Ion:164 Resp: 22819

Ion	Ratio	Lower	Upper
164	100		
162	110.2	71.4	107.0#
160	53.2	27.4	41.2#



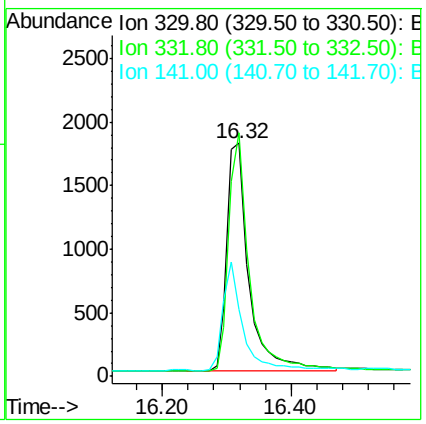


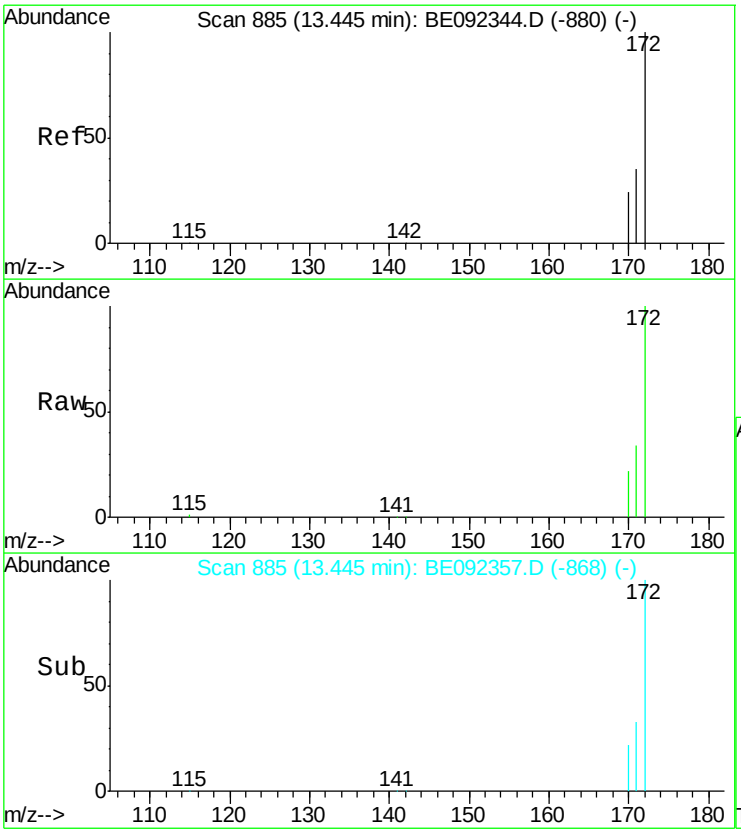
#13
2,4,6-Tribromophenol
Concen: 6.03 ng
RT: 16.32 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE092357.D
Acq: 9 Sep 2016 16:32

Instrument :
BNA_E
ClientSampleId :
PB93313BL

Tgt Ion:330 Resp: 4259

Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.4	113.0
141	42.4	31.0	46.6

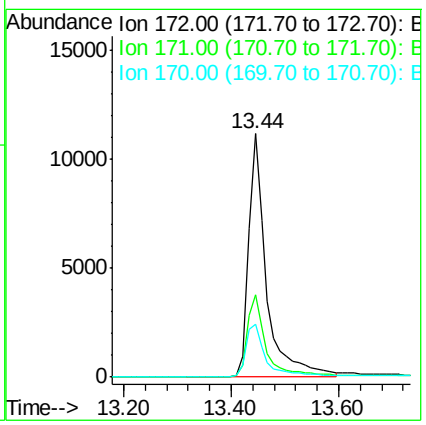


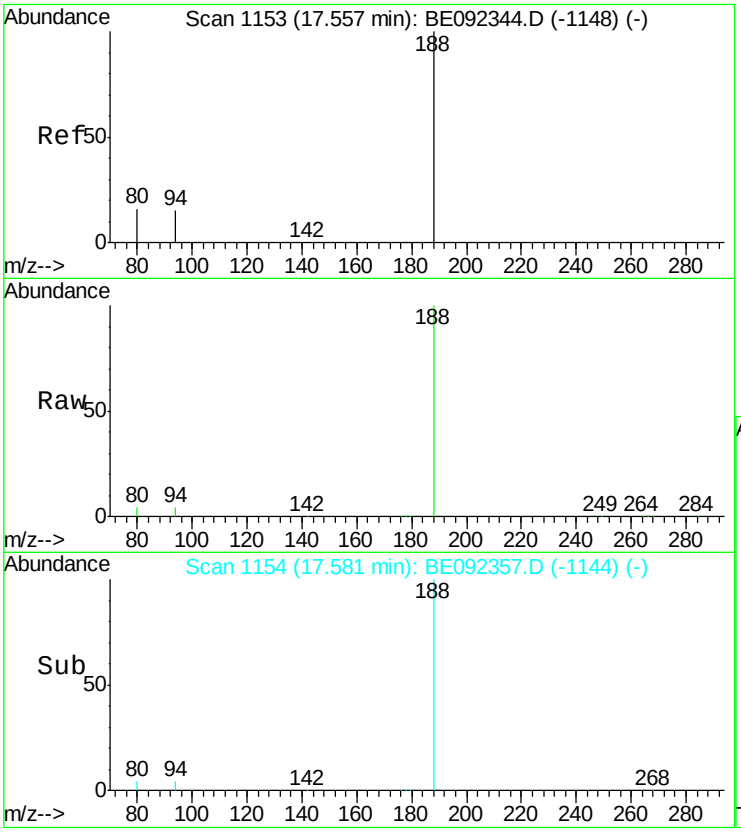


#14
2-Fluorobiphenyl
Concen: 3.61 ng
RT: 13.44 min Scan# 885
Delta R.T. -0.00 min
Lab File: BE092357.D
Acq: 9 Sep 2016 16:32

Tgt Ion:172 Resp: 25280

Ion	Ratio	Lower	Upper
172	100		
171	33.6	30.1	45.1
170	21.8	21.8	32.6



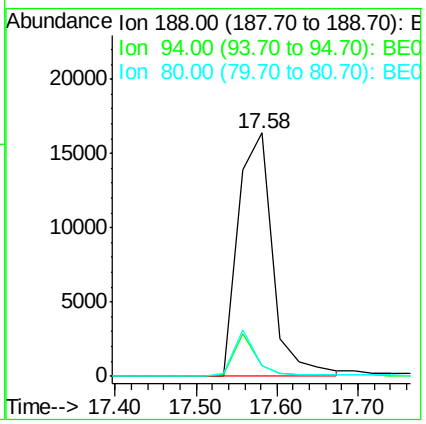


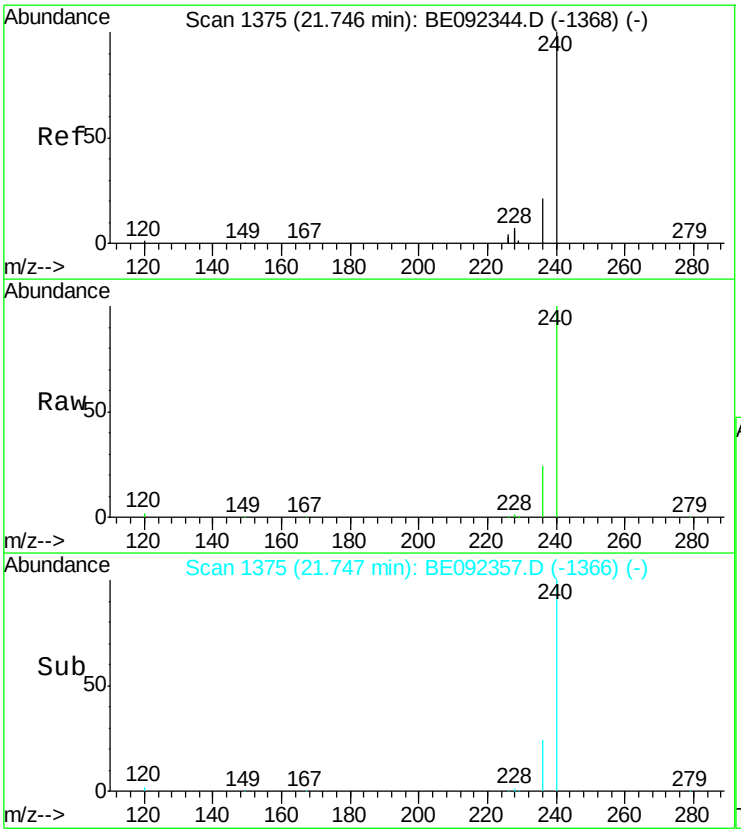
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.02 min
Lab File: BE092357.D
Acq: 9 Sep 2016 16:32

Instrument :
BNA_E
ClientSampleId :
PB93313BL

Tgt Ion:188 Resp: 47721

Ion	Ratio	Lower	Upper
188	100		
94	4.4	3.2	4.8
80	4.1	2.6	3.8#

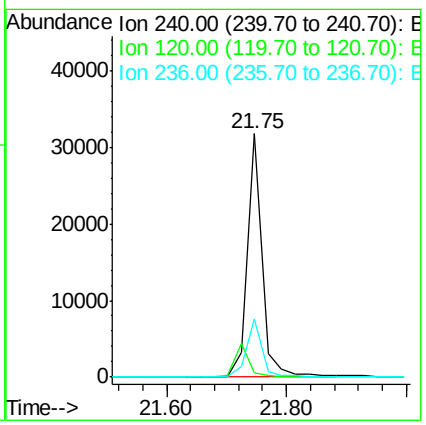


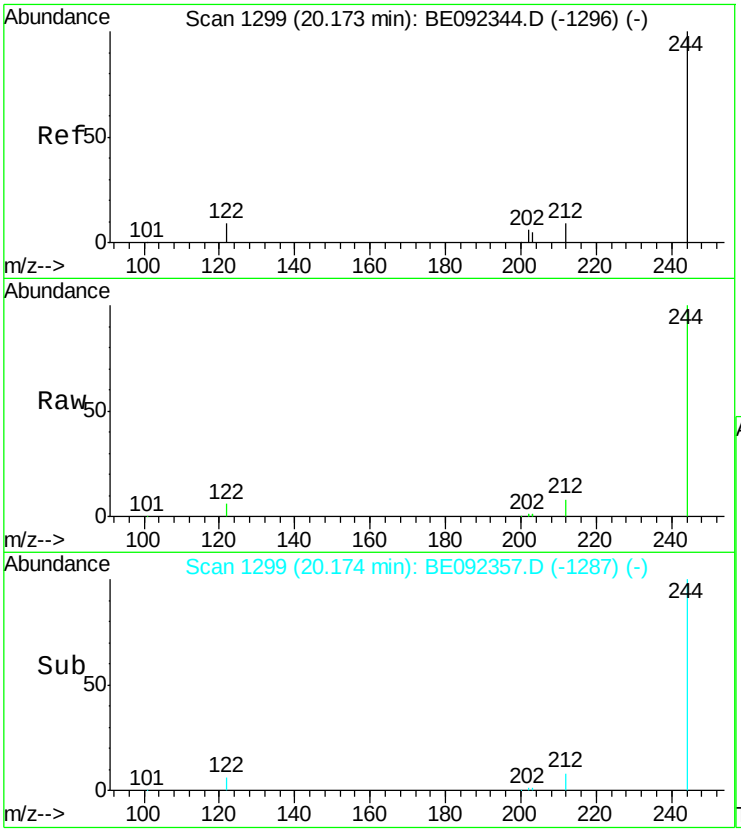


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092357.D
Acq: 9 Sep 2016 16:32

Tgt Ion:240 Resp: 54410

Ion	Ratio	Lower	Upper
240	100		
120	1.8	2.6	4.0#
236	24.0	24.6	37.0#



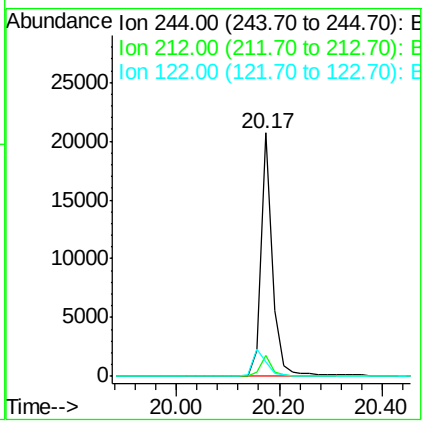


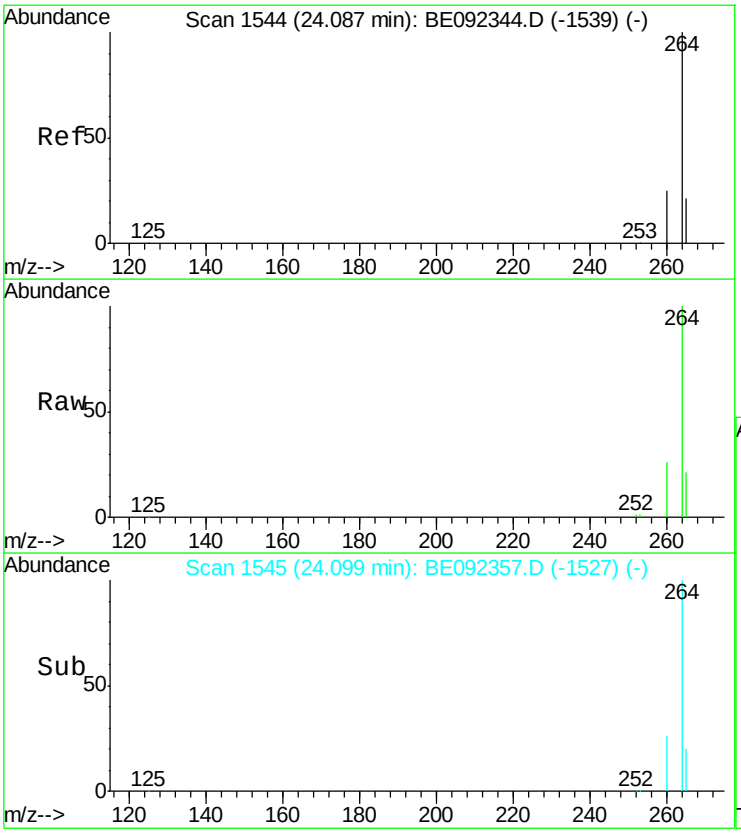
#26
Terphenyl-d14
Concen: 3.85 ng
RT: 20.17 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BE092357.D
Acq: 9 Sep 2016 16:32

Instrument :
BNA_E
ClientSampleId :
PB93313BL

Tgt Ion:244 Resp: 31018

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.7	10.1
122	5.8	3.6	5.4#





#31
Perylene-d12
Concen: 5.00 ng
RT: 24.10 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BE092357.D
Acq: 9 Sep 2016 16:32

Tgt Ion:264 Resp: 54857

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.1	30.1
265	21.0	17.9	26.9