Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080316\
Data File : BE092169.D
Acq On : 4 Aug 2016 6:13
Operator : UM/SJ
Sample : H4221-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : GW-43-8.7-15.0

Quant Time: Aug 04 07:21:52 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-PAH-BE080216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 16:59:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	12544	5.00	ng	0.00
6) Naphthalene-d8	10.98	136	60095	5.00	ng	-0.01
10) Acenaphthene-d10	14.85	164	34597	5.00	ng	0.00
16) Phenanthrene-d10	17.56	188	76736	5.00	ng	-0.02
22) Chrysene-d12	21.75	240	89701	5.00	ng	0.00
28) Perylene-d12	24.14	264	89202	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	8623	2.68	ng	0.00
5) Phenol-d6	7.35	99	8733	2.03	ng	0.00
7) Nitrobenzene-d5	9.34	82	11357	2.40	ng	-0.01
11) 2,4,6-Tribromophenol	16.33	330	7934	7.06	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	30345	2.77	ng	0.00
24) Terphenyl-d14	20.19	244	59012	4.58	ng	-0.02
Target Compounds						Qvalue

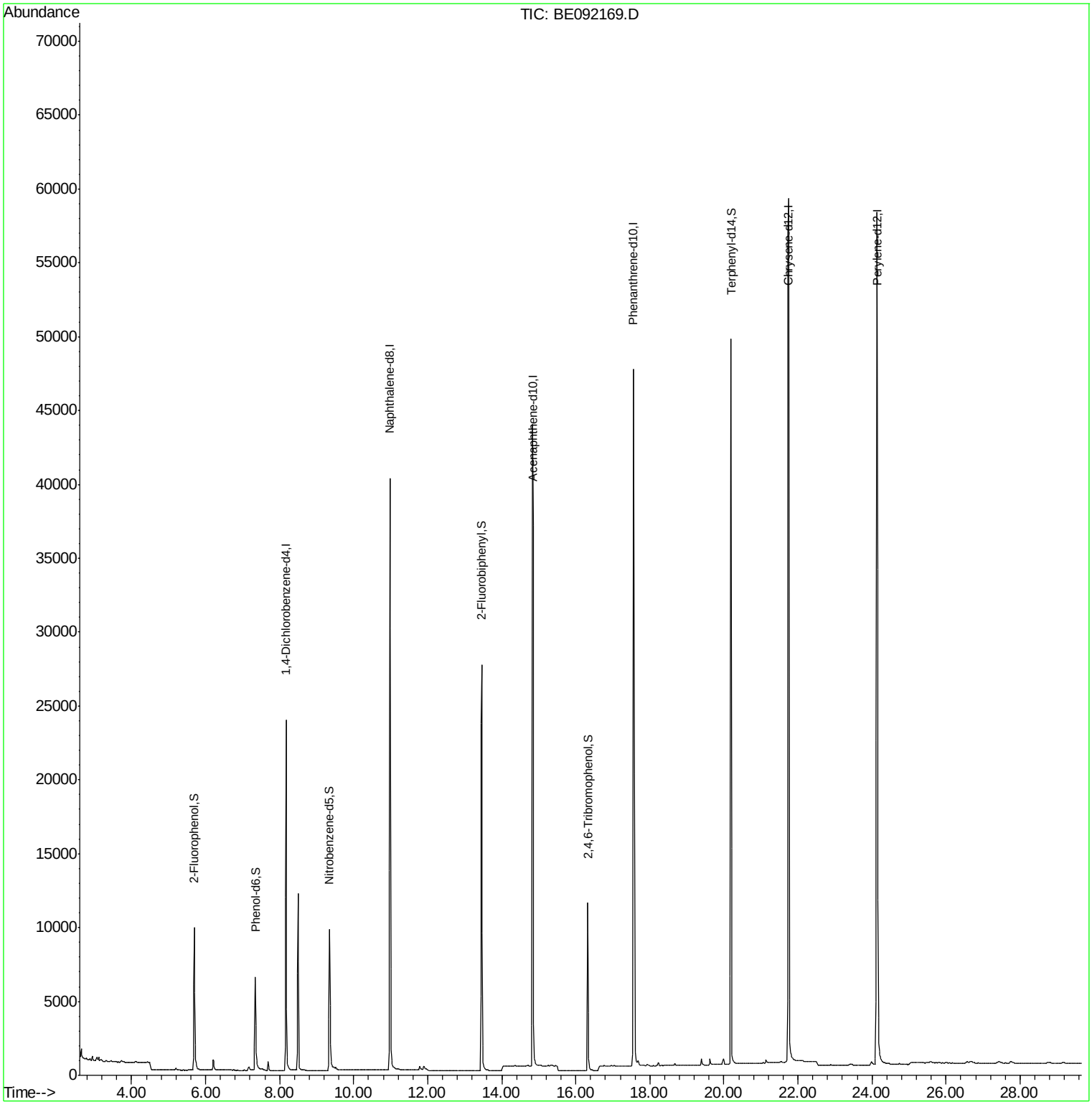
(#) = qualifier out of range (m) = manual integration (+) = signals summed

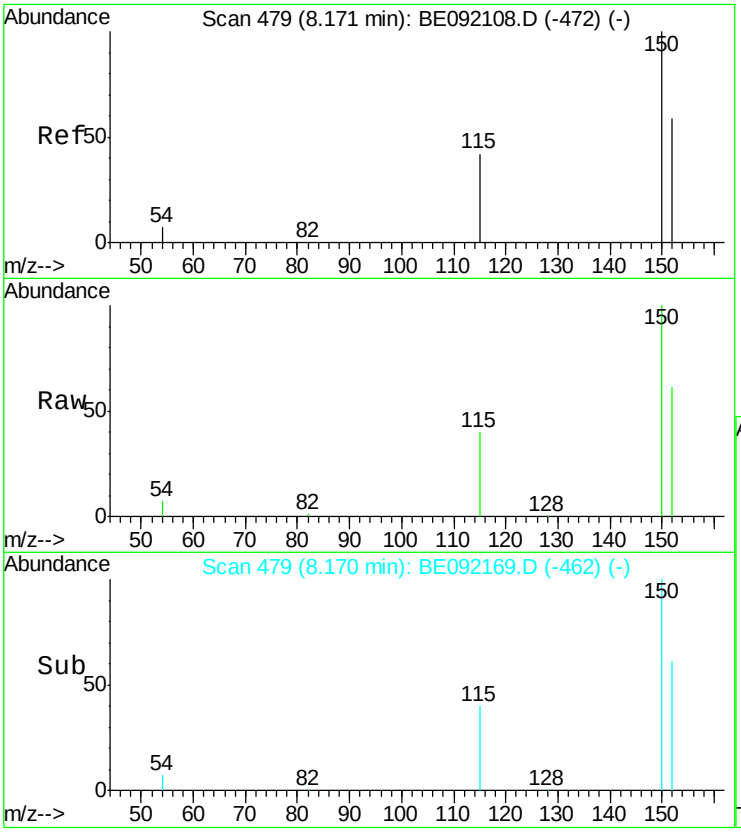
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080316\
Data File : BE092169.D
Acq On : 4 Aug 2016 6:13
Operator : UM/SJ
Sample : H4221-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
GW-43-8.7-15.0

Quant Time: Aug 04 07:21:52 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-PAH-BE080216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 16:59:37 2016
Response via : Initial Calibration



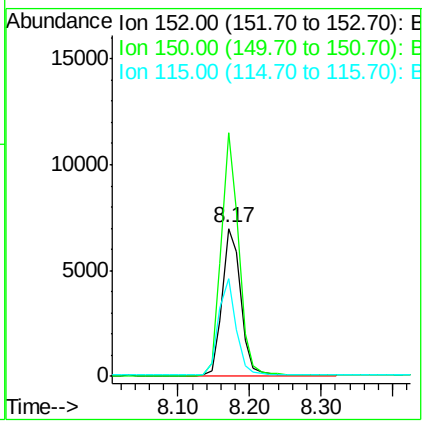


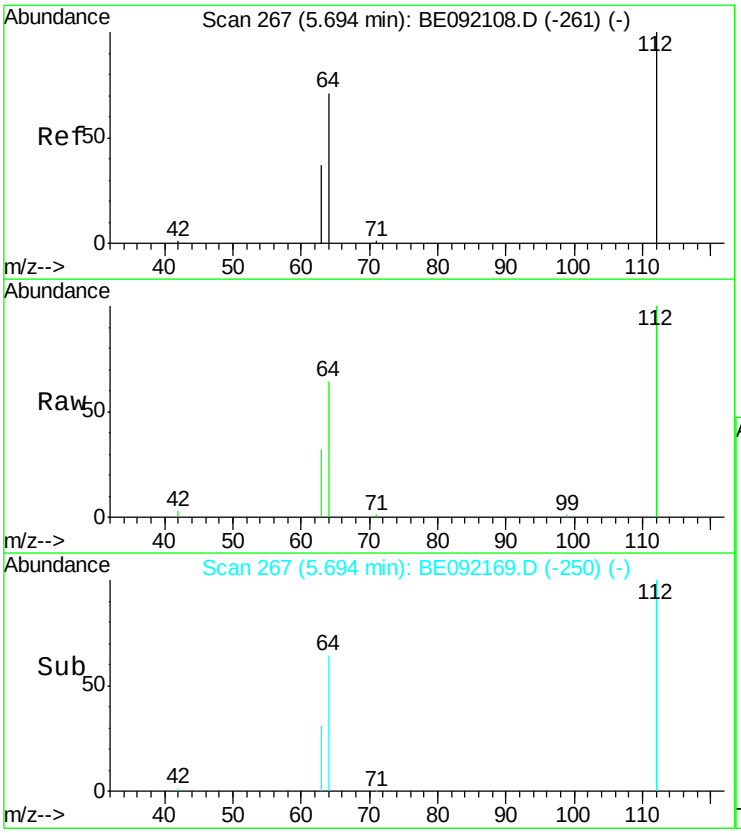
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE092169.D
Acq: 4 Aug 2016 6:13

Instrument :
BNA_E
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion:152 Resp: 12544

Ion	Ratio	Lower	Upper
152	100		
150	164.6	106.0	159.0#
115	66.4	36.9	55.3#

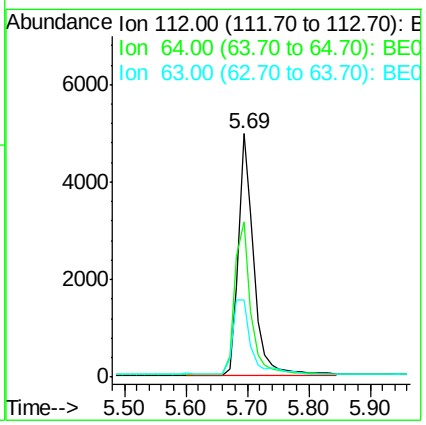


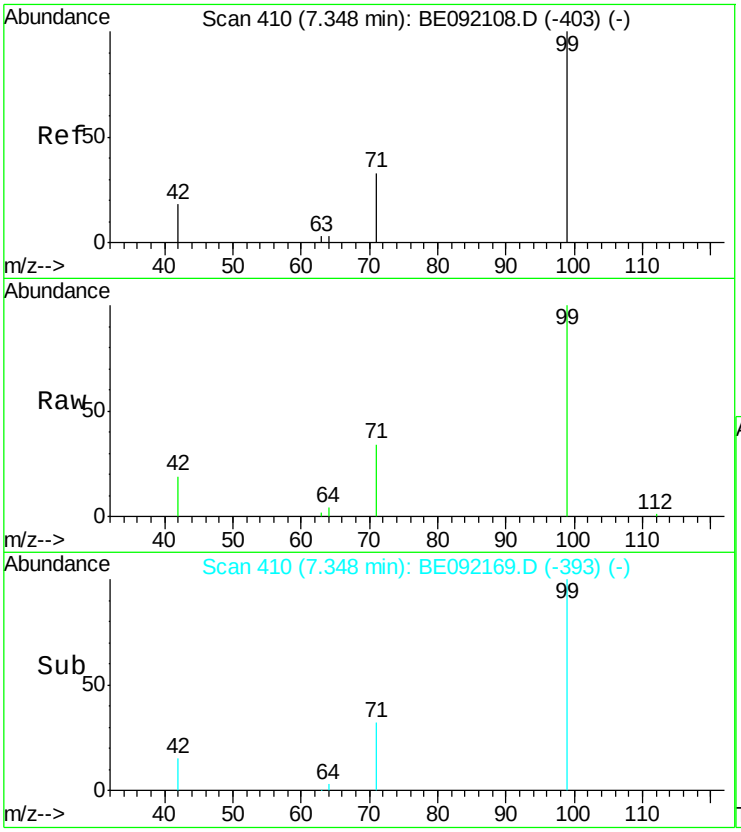


#4
2-Fluorophenol
Concen: 2.68 ng
RT: 5.69 min Scan# 267
Delta R.T. -0.00 min
Lab File: BE092169.D
Acq: 4 Aug 2016 6:13

Tgt Ion:112 Resp: 8623

Ion	Ratio	Lower	Upper
112	100		
64	67.2	55.9	83.9
63	37.9	31.1	46.7



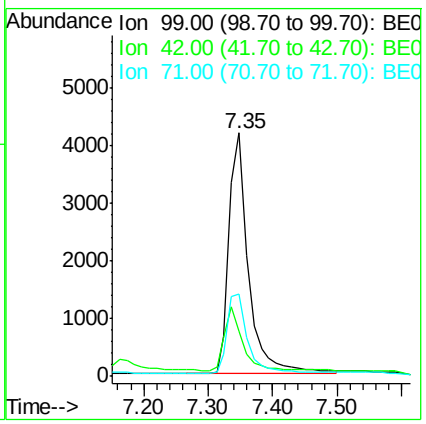


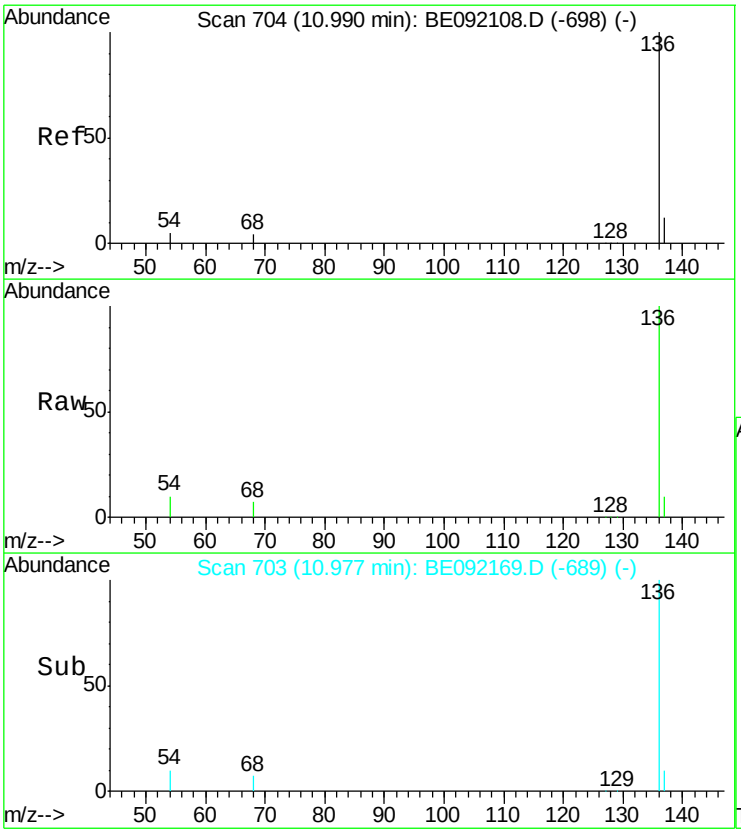
#5
Phenol-d6
Concen: 2.03 ng
RT: 7.35 min Scan# 410
Delta R.T. -0.00 min
Lab File: BE092169.D
Acq: 4 Aug 2016 6:13

Instrument :
BNA_E
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion: 99 Resp: 8733

Ion	Ratio	Lower	Upper
99	100		
42	23.9	22.4	33.6
71	35.4	28.9	43.3

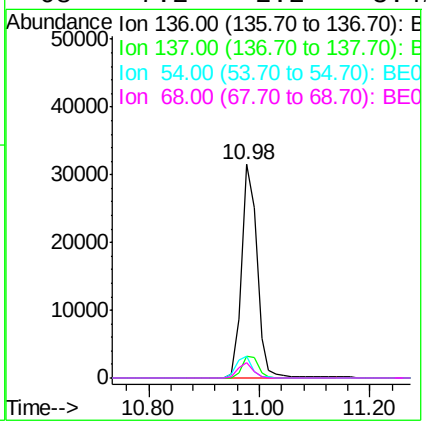


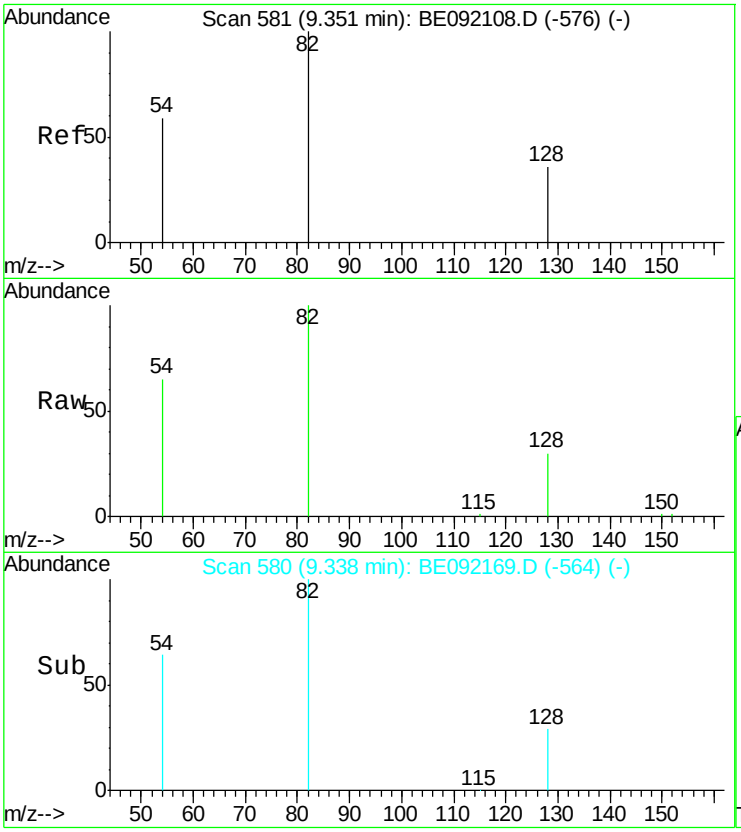


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.98 min Scan# 703
Delta R.T. -0.01 min
Lab File: BE092169.D
Acq: 4 Aug 2016 6:13

Tgt Ion:136 Resp: 60095

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	10.2	2.7	4.1#
68	7.2	2.2	3.4#



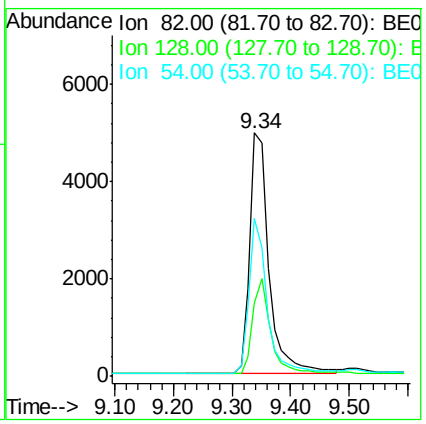


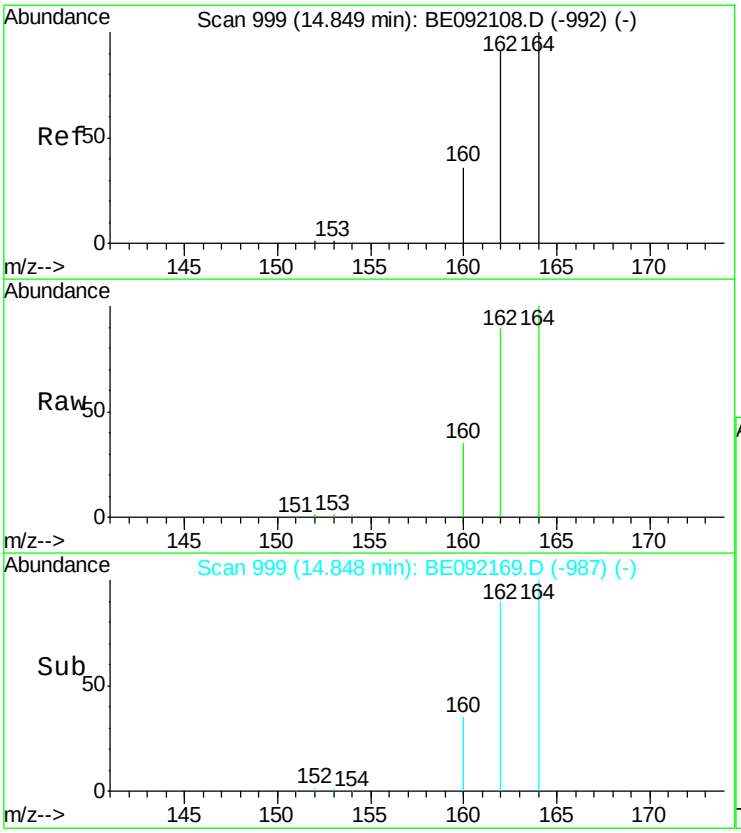
#7
Nitrobenzene-d5
Concen: 2.40 ng
RT: 9.34 min Scan# 580
Delta R.T. -0.01 min
Lab File: BE092169.D
Acq: 4 Aug 2016 6:13

Instrument :
BNA_E
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion: 82 Resp: 11357

Ion	Ratio	Lower	Upper
82	100		
128	30.2	33.0	49.4#
54	64.9	42.6	63.8#

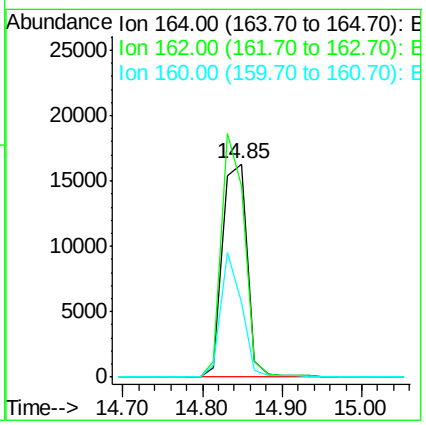


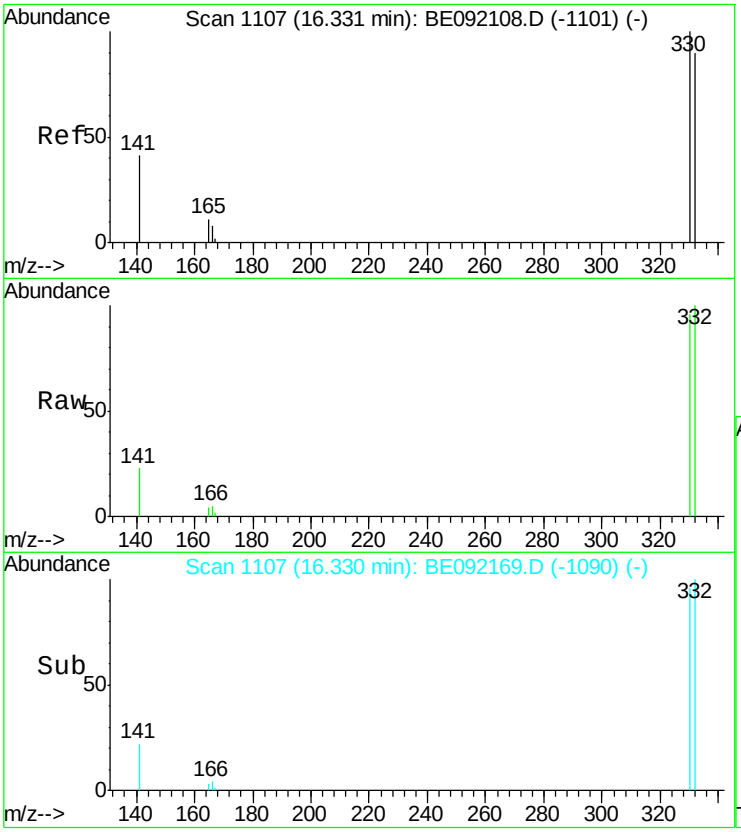


#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.85 min Scan# 999
Delta R.T. -0.00 min
Lab File: BE092169.D
Acq: 4 Aug 2016 6:13

Tgt Ion:164 Resp: 34597

Ion	Ratio	Lower	Upper
164	100		
162	89.9	69.5	104.3
160	34.8	27.6	41.4



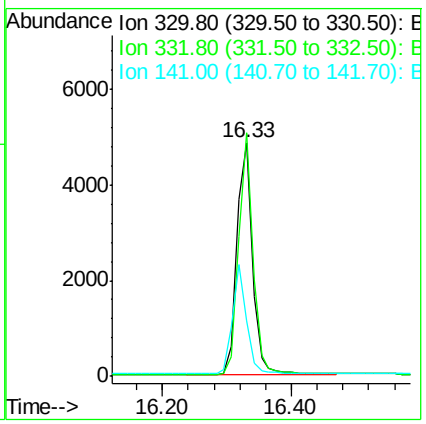


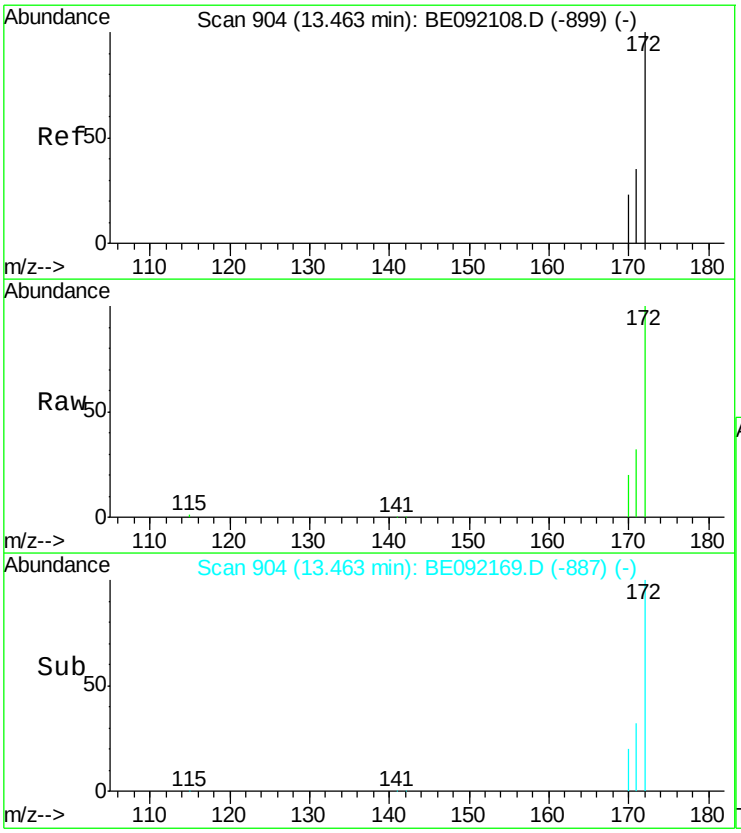
#11
2,4,6-Tribromophenol
Concen: 7.06 ng
RT: 16.33 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE092169.D
Acq: 4 Aug 2016 6:13

Instrument :
BNA_E
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion:330 Resp: 7934

Ion	Ratio	Lower	Upper
330	100		
332	97.2	74.2	111.4
141	42.8	139.8	209.8#

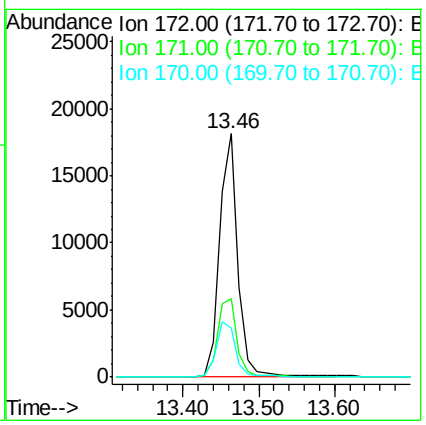


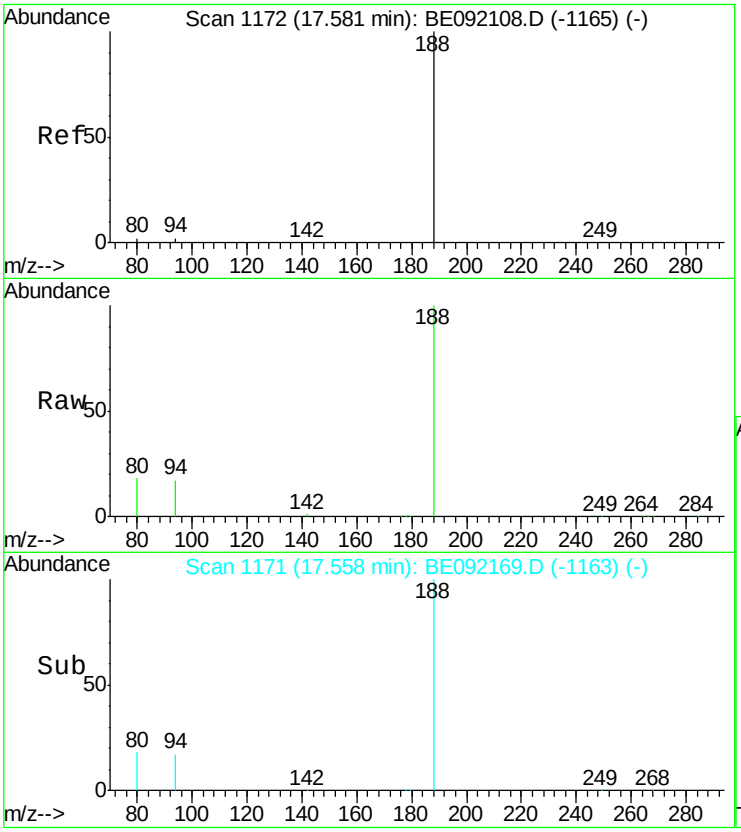


#12
2-Fluorobiphenyl
Concen: 2.77 ng
RT: 13.46 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE092169.D
Acq: 4 Aug 2016 6:13

Tgt Ion:172 Resp: 30345

Ion	Ratio	Lower	Upper
172	100		
171	32.2	30.3	45.5
170	20.0	21.6	32.4#



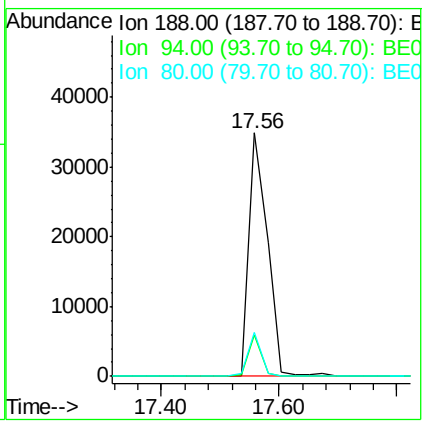


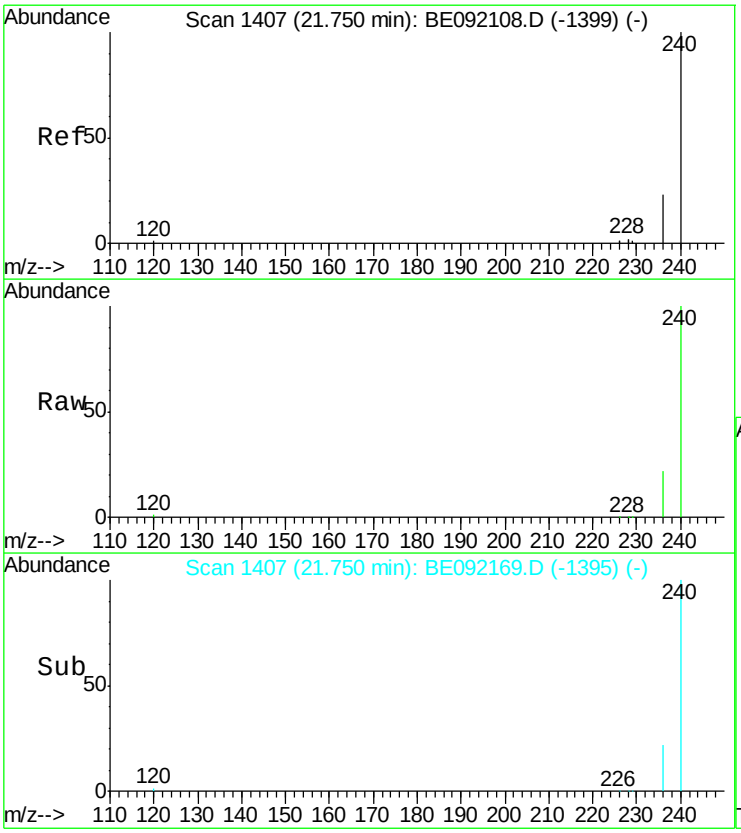
#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BE092169.D
Acq: 4 Aug 2016 6:13

Instrument :
BNA_E
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion:188 Resp: 76736

Ion	Ratio	Lower	Upper
188	100		
94	17.2	3.9	5.9#
80	18.1	3.4	5.0#

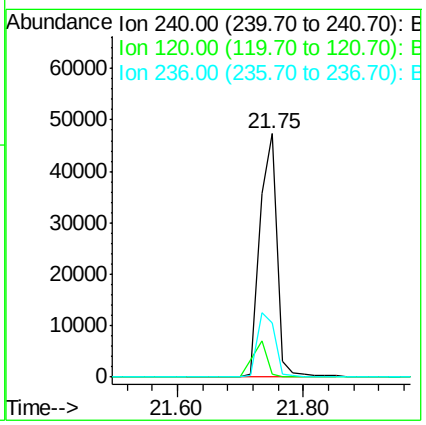


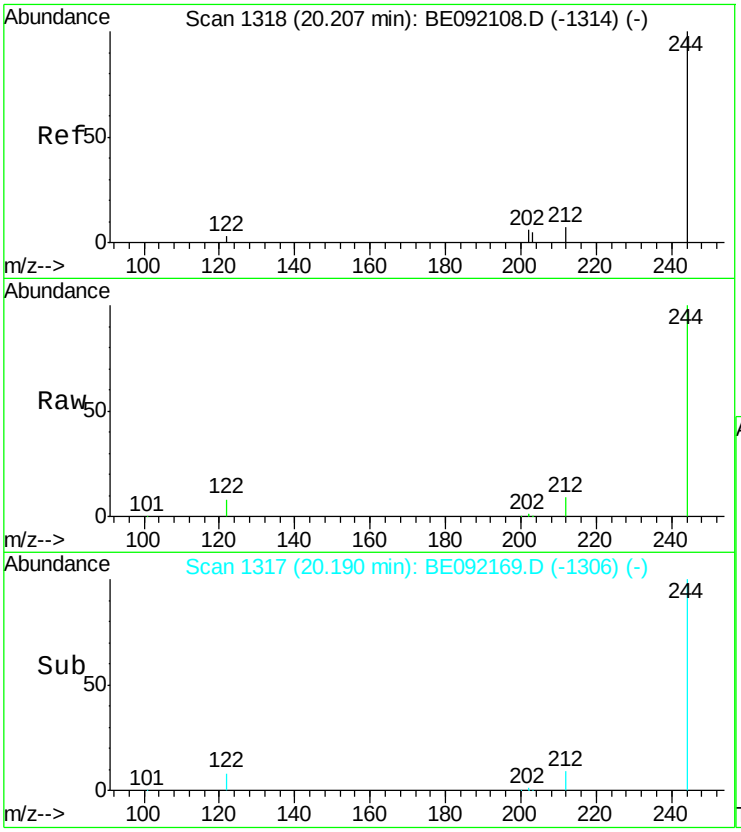


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BE092169.D
Acq: 4 Aug 2016 6:13

Tgt Ion:240 Resp: 89701

Ion	Ratio	Lower	Upper
240	100		
120	1.2	0.6	1.0#
236	22.0	18.2	27.4



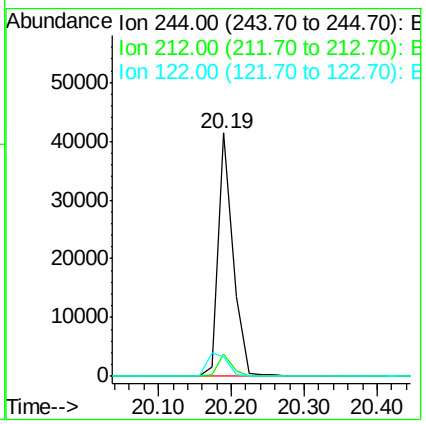


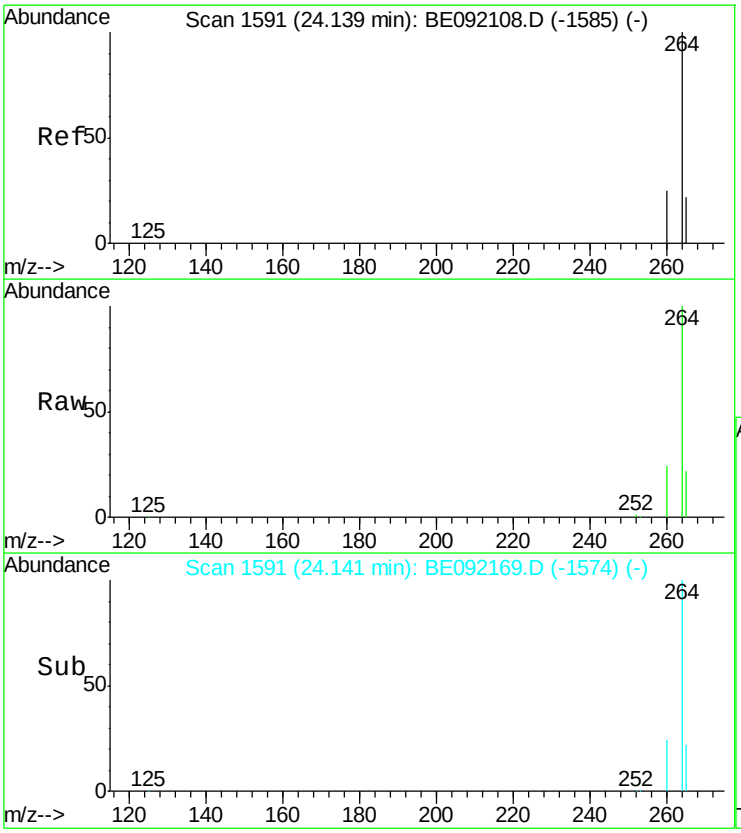
#24
Terphenyl-d14
Concen: 4.58 ng
RT: 20.19 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BE092169.D
Acq: 4 Aug 2016 6:13

Instrument :
BNA_E
ClientSampleId :
GW-43-8.7-15.0

Tgt Ion:244 Resp: 59012

Ion	Ratio	Lower	Upper
244	100		
212	9.0	9.1	13.7#
122	8.2	11.0	16.4#





#28
Perylene-d12
Concen: 5.00 ng
RT: 24.14 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BE092169.D
Acq: 4 Aug 2016 6:13

Tgt Ion:264 Resp: 89202

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.8	31.2
265	22.4	16.6	25.0