Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080316\
Data File : BE092154.D
Acq On : 3 Aug 2016 20:43
Operator : UM/SJ
Sample : H4176-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : GW-30-6.6-15.0

Quant Time: Aug 04 03:57:27 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	10866	5.00	ng	0.00
6) Naphthalene-d8	10.98	136	47245	5.00	ng	-0.01
10) Acenaphthene-d10	14.85	164	25246	5.00	ng	0.00
16) Phenanthrene-d10	17.56	188	54541	5.00	ng	-0.02
22) Chrysene-d12	21.75	240	71068	5.00	ng	0.00
28) Perylene-d12	24.14	264	73865	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	243397	87.22	ng	0.00
5) Phenol-d6	7.34	99	234630	63.11	ng	-0.01
7) Nitrobenzene-d5	9.34	82	347099	93.11	ng	-0.01
11) 2,4,6-Tribromophenol	16.33	330	136832	166.91	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	626048	78.25	ng	0.00
24) Terphenyl-d14	20.19	244	774523	75.89	ng	-0.02
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.72	42	141	0.16	ng	# 1
8) Naphthalene	11.03	128	88	Below Cal		# 1
18) Pentachlorophenol	17.21	266	37	0.23	ng	# 75
19) Phenanthrene	17.60	178	159	Below Cal		# 81
30) Benzo(k)fluoranthene	23.45	252	31	Below Cal		# 1

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

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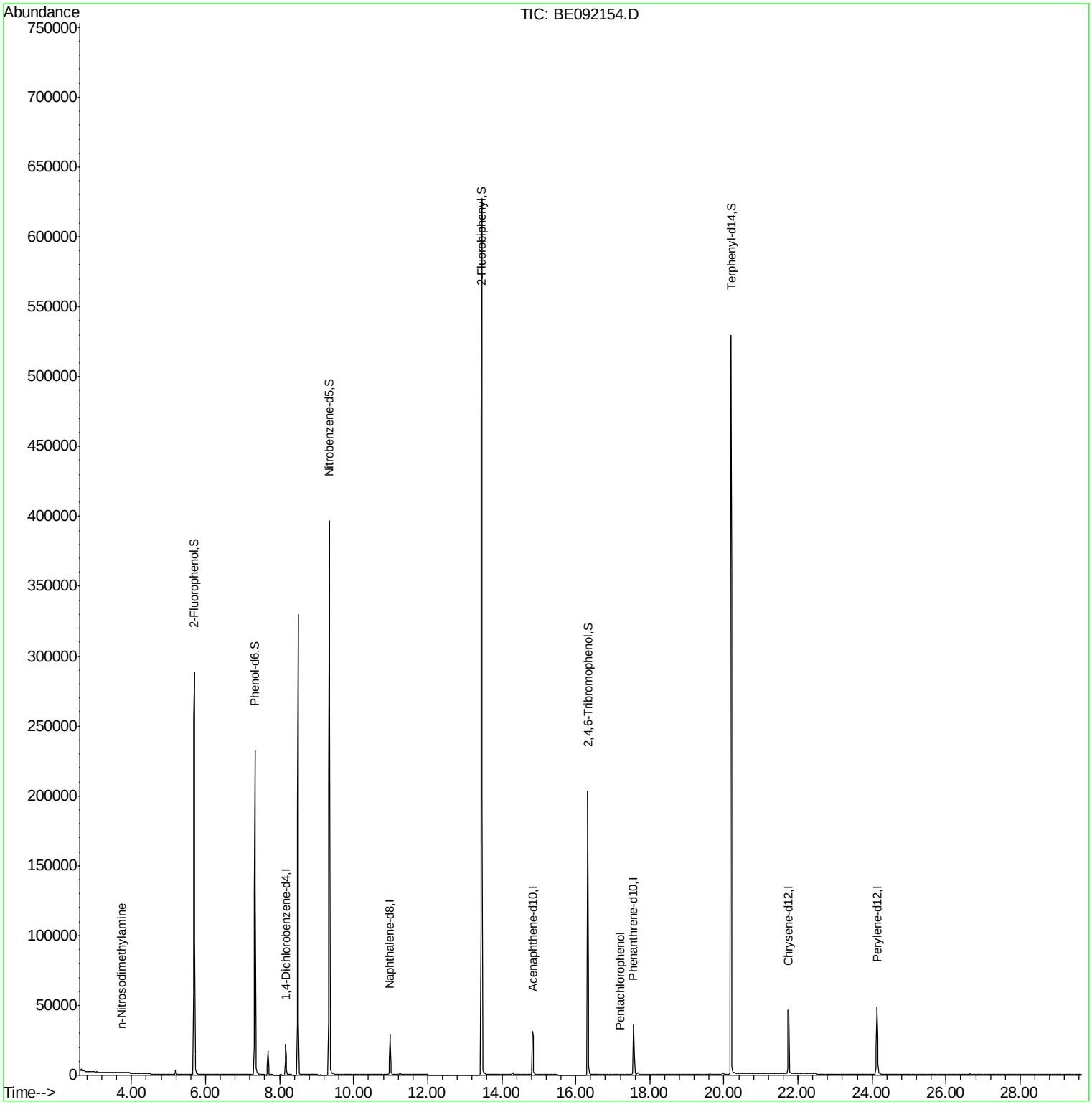
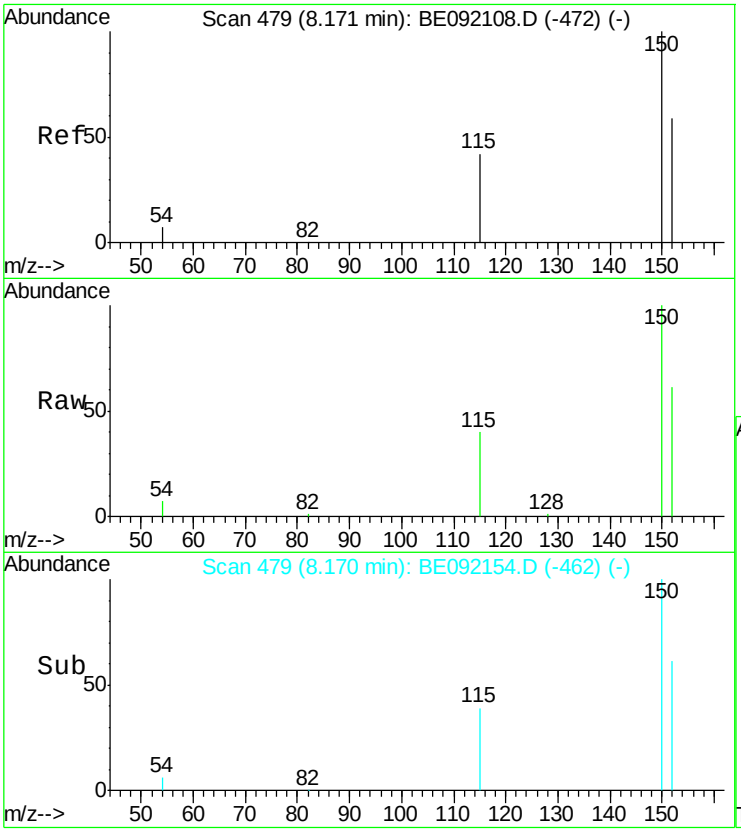


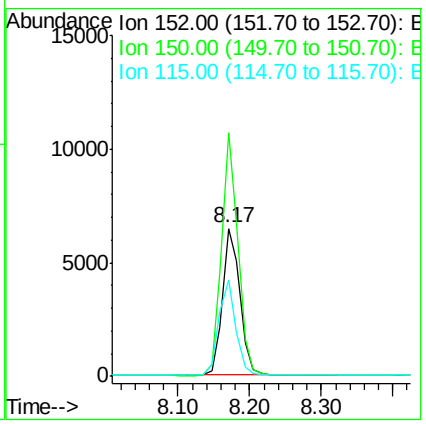


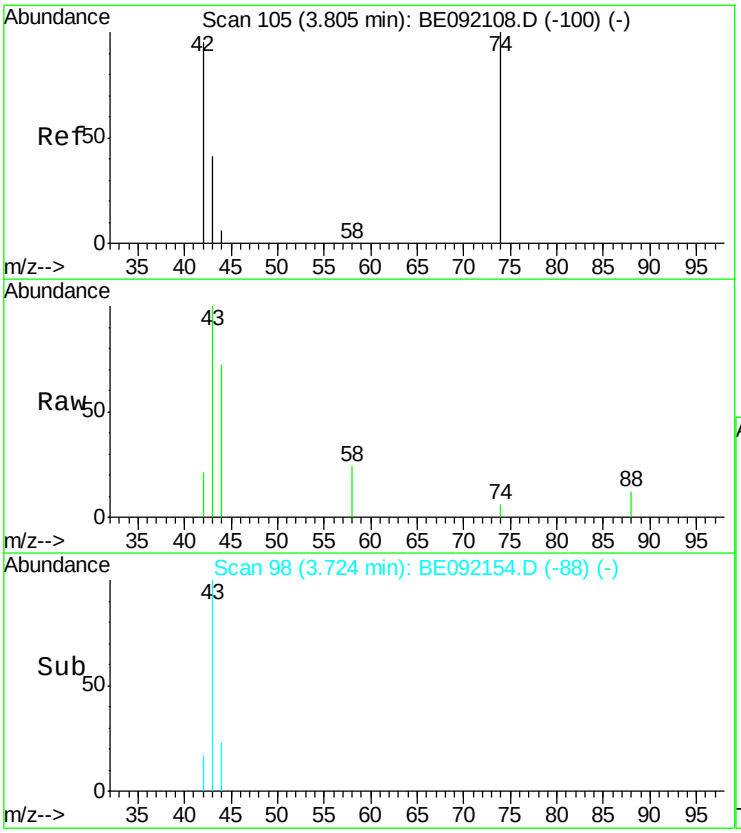
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE092154.D
Acq: 3 Aug 2016 20:43

Instrument :
BNA_E
ClientSampleId :
GW-30-6.6-15.0

Tgt Ion:152 Resp: 10866

Ion	Ratio	Lower	Upper
152	100		
150	164.7	106.0	159.0#
115	65.1	36.9	55.3#

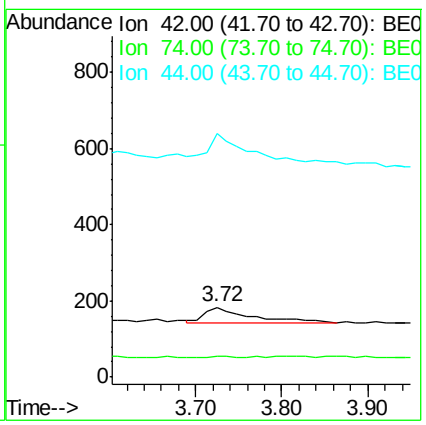


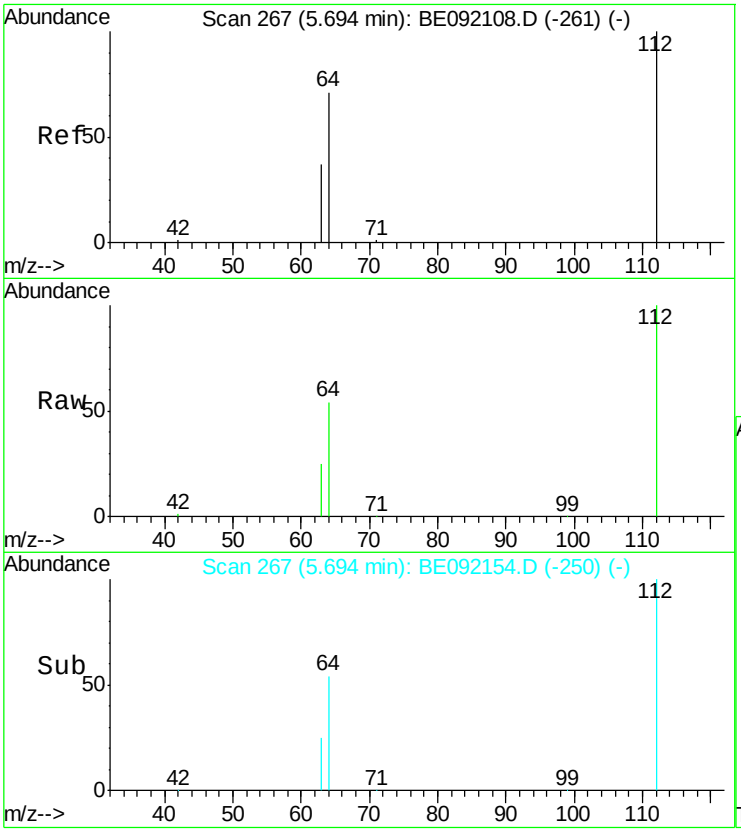


#3
n-Nitrosodimethylamine
Concen: 0.16 ng
RT: 3.72 min Scan# 98
Delta R.T. -0.08 min
Lab File: BE092154.D
Acq: 3 Aug 2016 20:43

Tgt Ion: 42 Resp: 141

Ion	Ratio	Lower	Upper
42	100		
74	0.7	82.8	124.2#
44	151.8	9.0	13.4#



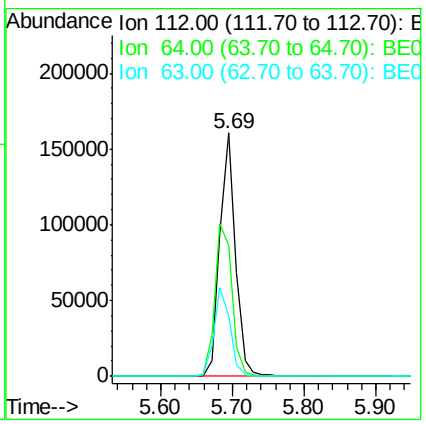


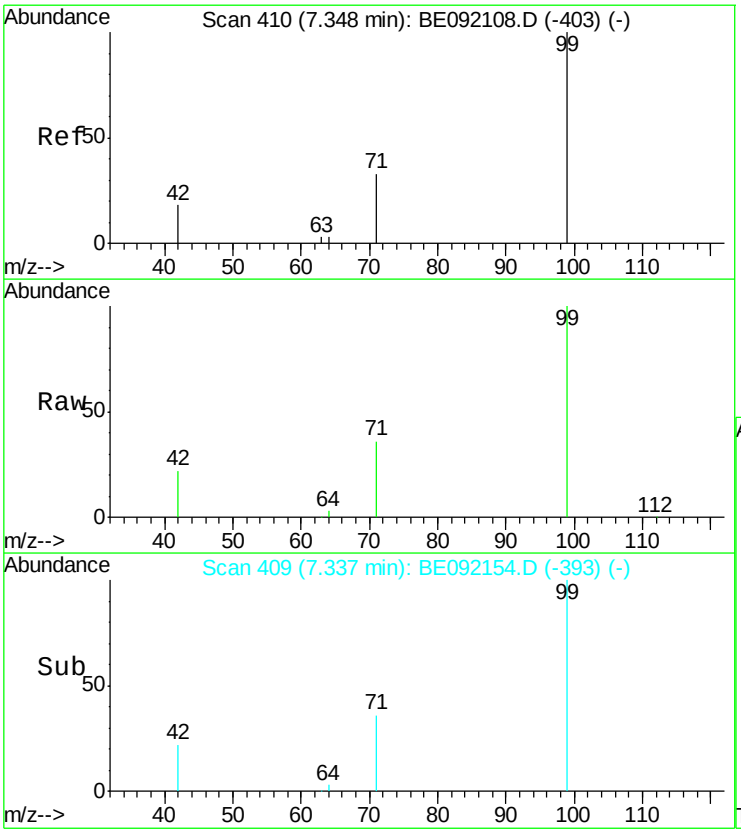
#4
2-Fluorophenol
Concen: 87.22 ng
RT: 5.69 min Scan# 267
Delta R.T. -0.00 min
Lab File: BE092154.D
Acq: 3 Aug 2016 20:43

Instrument :
BNA_E
ClientSampleId :
GW-30-6.6-15.0

Tgt Ion:112 Resp: 243397

Ion	Ratio	Lower	Upper
112	100		
64	69.0	55.9	83.9
63	37.3	31.1	46.7

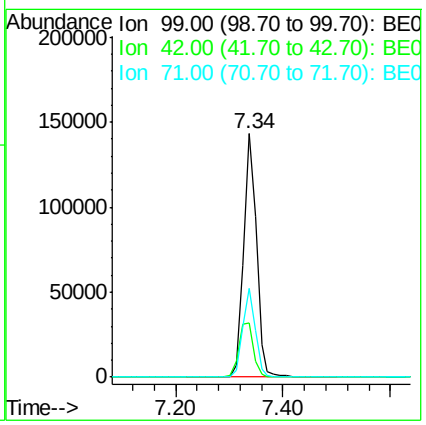


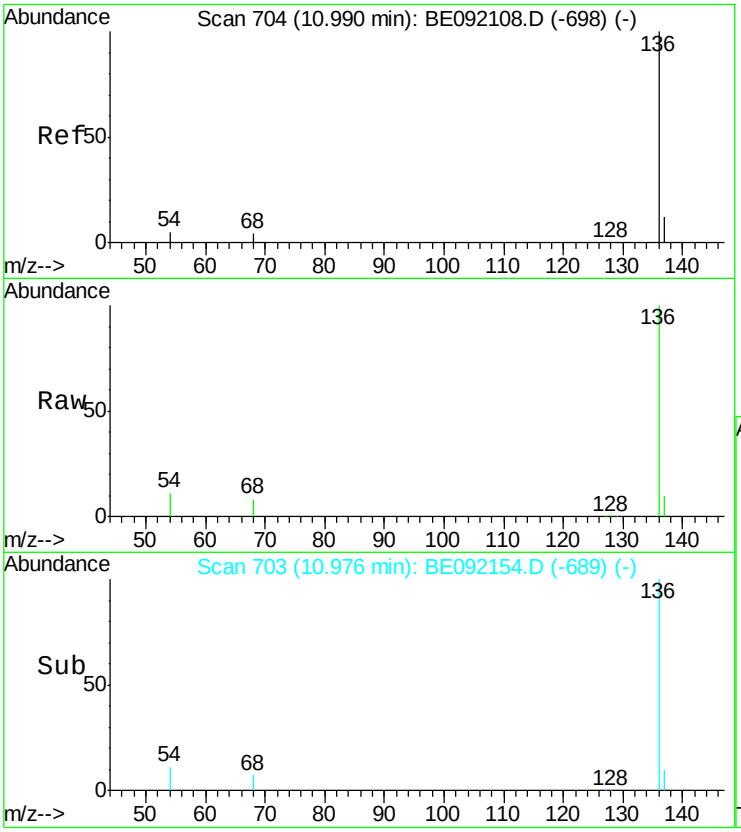


#5
Phenol-d6
Concen: 63.11 ng
RT: 7.34 min Scan# 409
Delta R.T. -0.01 min
Lab File: BE092154.D
Acq: 3 Aug 2016 20:43

Tgt Ion: 99 Resp: 234630

Ion	Ratio	Lower	Upper
99	100		
42	25.1	22.4	33.6
71	35.8	28.9	43.3



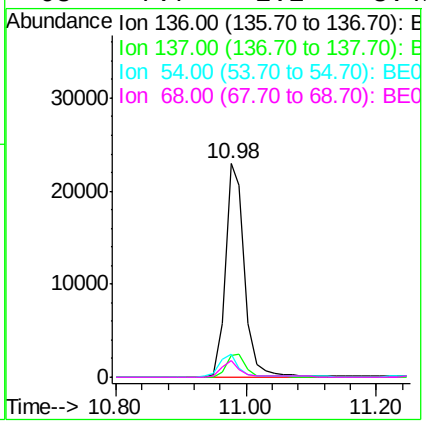


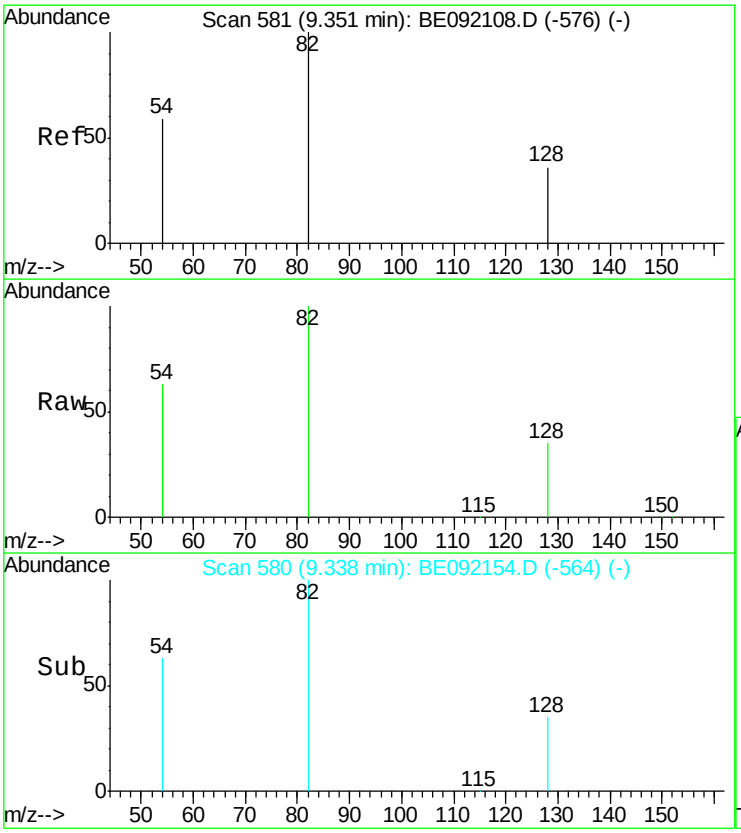
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.98 min Scan# 703
Delta R.T. -0.01 min
Lab File: BE092154.D
Acq: 3 Aug 2016 20:43

Instrument :
BNA_E
ClientSampleId :
GW-30-6.6-15.0

Tgt Ion:136 Resp: 47245

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	11.0	2.7	4.1#
68	7.7	2.2	3.4#

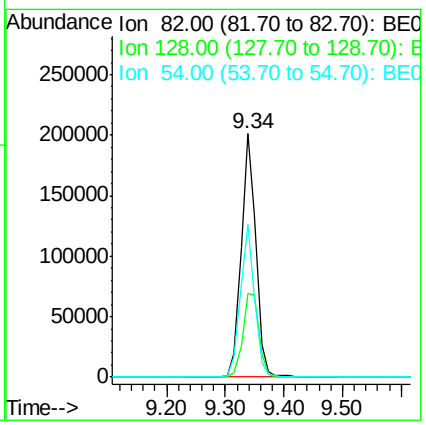


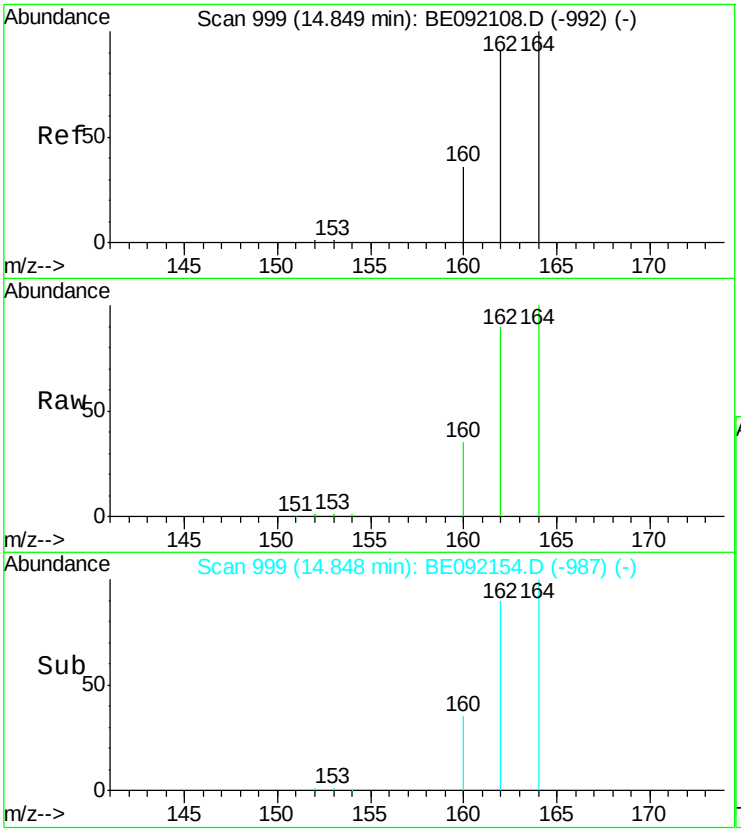


#7
Nitrobenzene-d5
Concen: 93.11 ng
RT: 9.34 min Scan# 580
Delta R.T. -0.01 min
Lab File: BE092154.D
Acq: 3 Aug 2016 20:43

Tgt Ion: 82 Resp: 347099

Ion	Ratio	Lower	Upper
82	100		
128	34.5	33.0	49.4
54	62.6	42.6	63.8



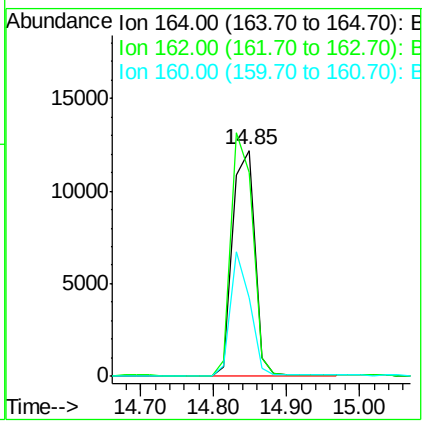


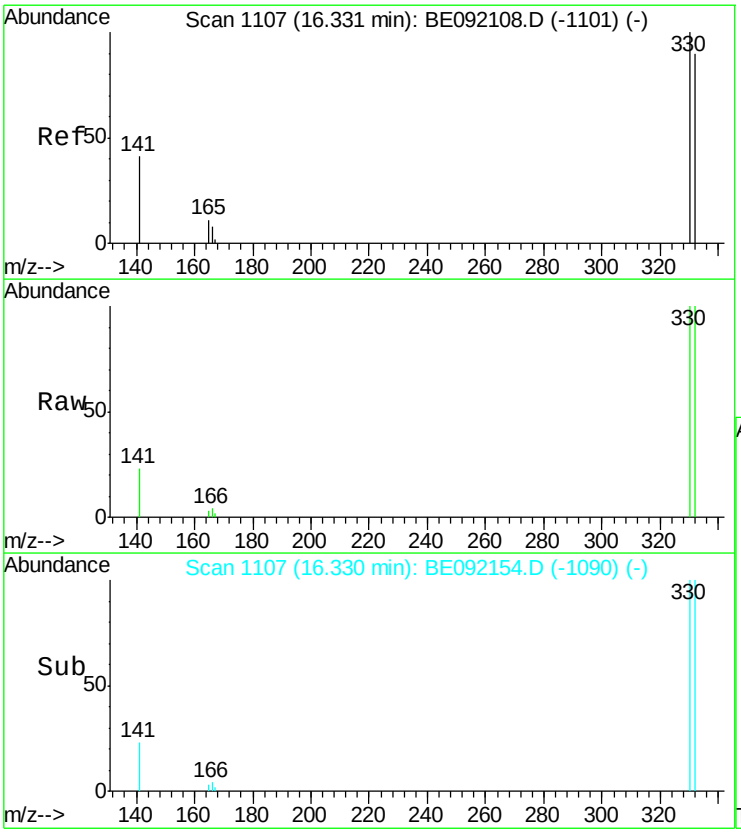
#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.85 min Scan# 999
Delta R.T. -0.00 min
Lab File: BE092154.D
Acq: 3 Aug 2016 20:43

Instrument :
BNA_E
ClientSampleId :
GW-30-6.6-15.0

Tgt Ion:164 Resp: 25246

Ion	Ratio	Lower	Upper
164	100		
162	90.2	69.5	104.3
160	35.0	27.6	41.4

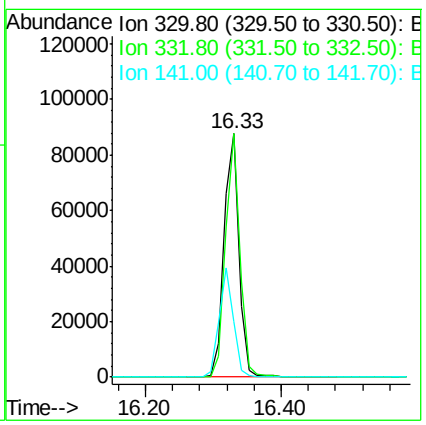


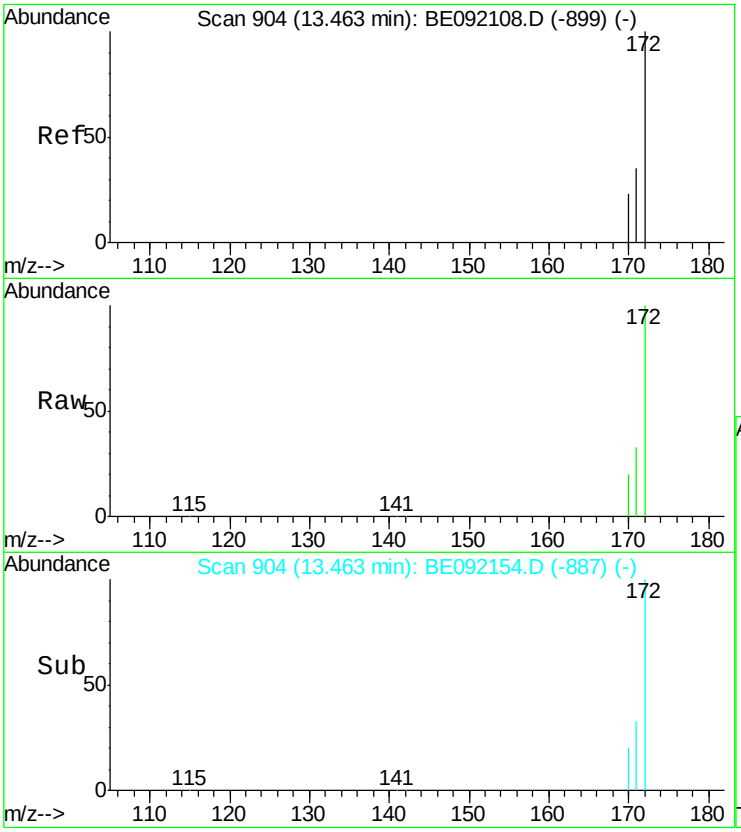


#11
2,4,6-Tribromophenol
Concen: 166.91 ng
RT: 16.33 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE092154.D
Acq: 3 Aug 2016 20:43

Tgt Ion:330 Resp: 136832

Ion	Ratio	Lower	Upper
330	100		
332	96.3	74.2	111.4
141	43.1	139.8	209.8#



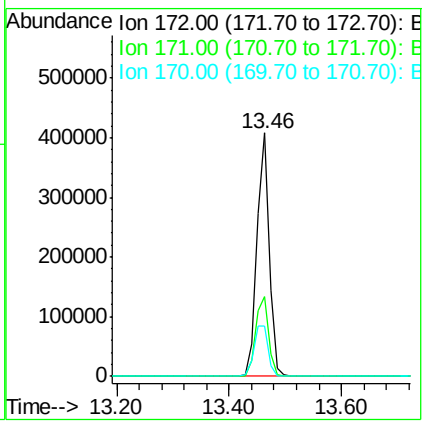


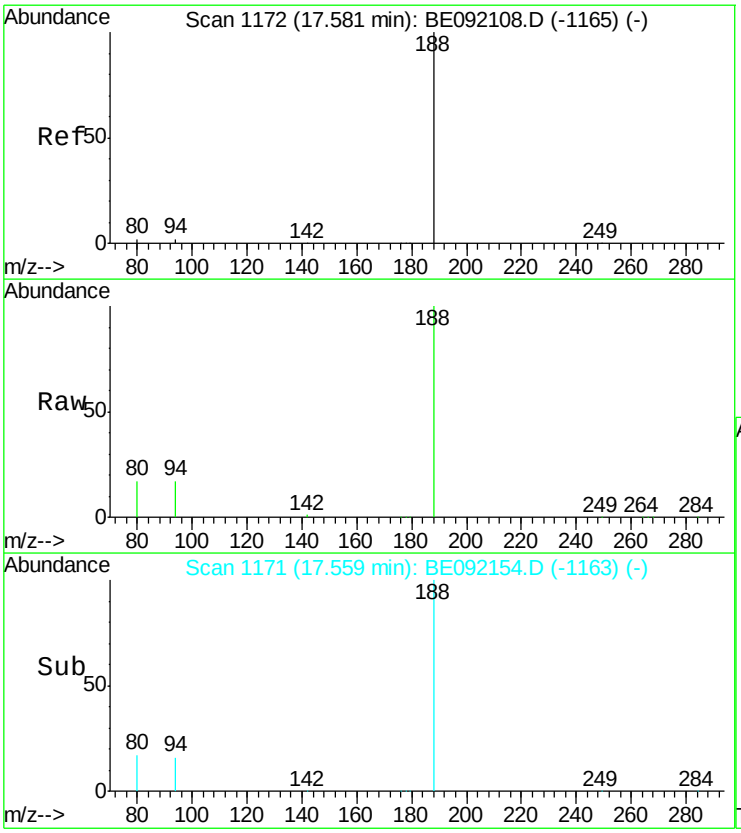
#12
2-Fluorobiphenyl
Concen: 78.25 ng
RT: 13.46 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE092154.D
Acq: 3 Aug 2016 20:43

Instrument :
BNA_E
ClientSampleId :
GW-30-6.6-15.0

Tgt Ion:172 Resp: 626048

Ion	Ratio	Lower	Upper
172	100		
171	33.0	30.3	45.5
170	20.4	21.6	32.4#

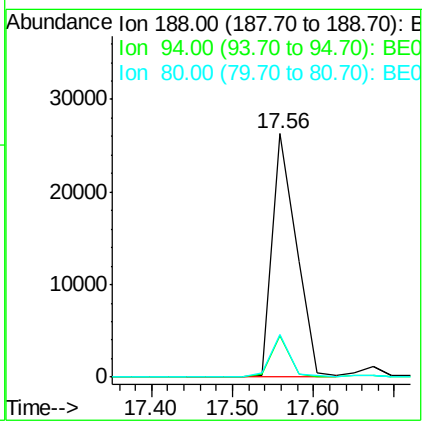


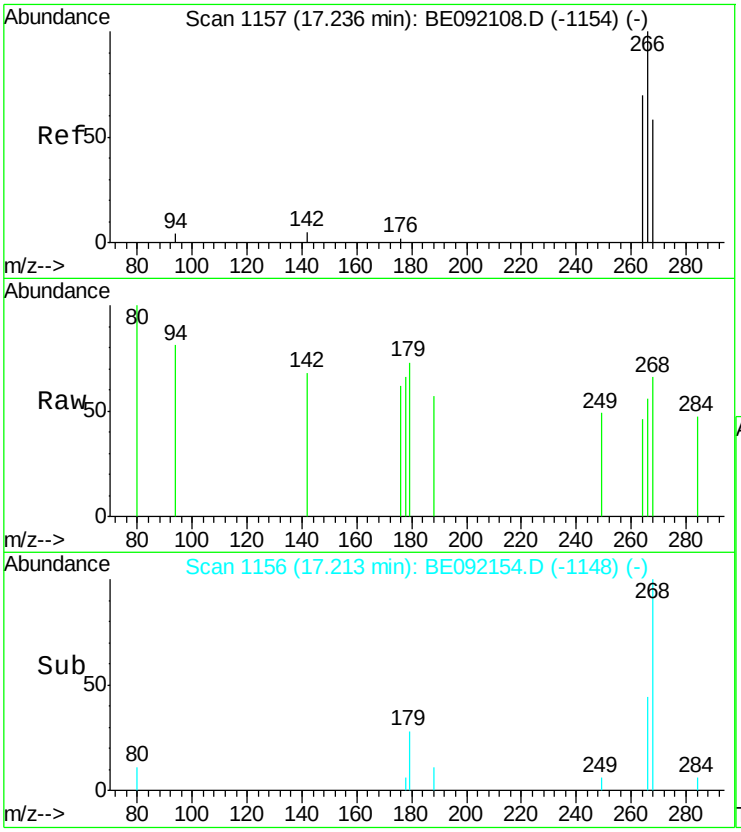


#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BE092154.D
Acq: 3 Aug 2016 20:43

Tgt Ion:188 Resp: 54541

Ion	Ratio	Lower	Upper
188	100		
94	16.8	3.9	5.9#
80	17.4	3.4	5.0#



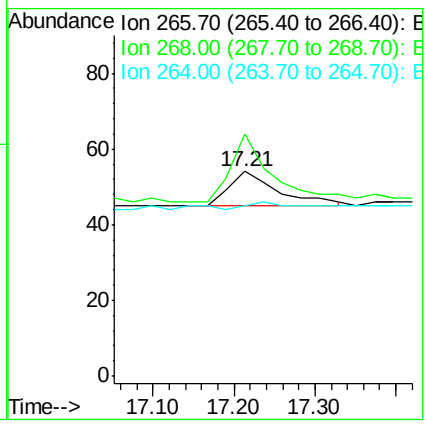


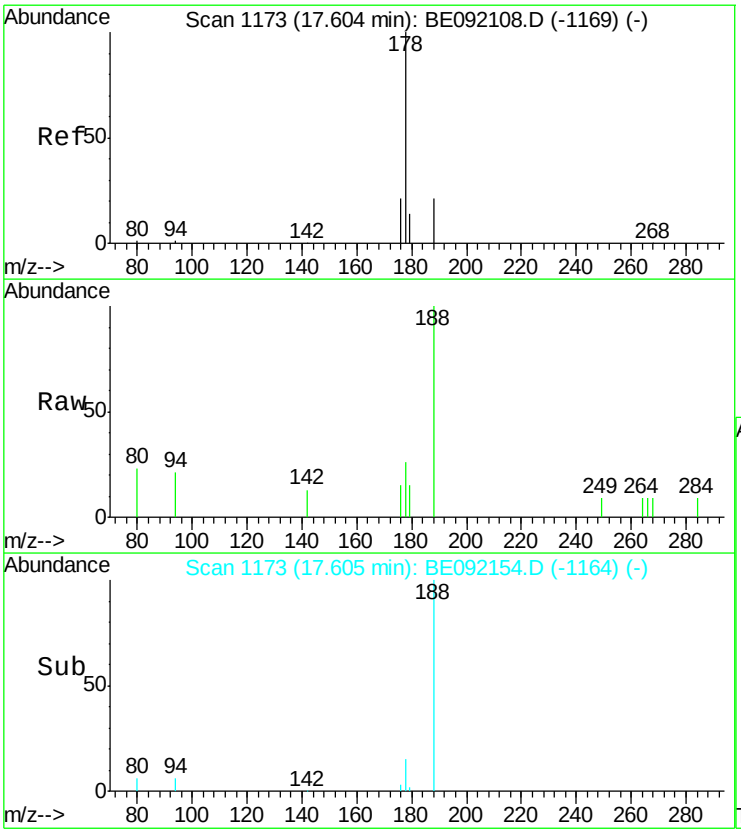
#18
Pentachlorophenol
Concen: 0.23 ng
RT: 17.21 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BE092154.D
Acq: 3 Aug 2016 20:43

Instrument :
BNA_E
ClientSampleId :
GW-30-6.6-15.0

Tgt Ion:266 Resp: 37

Ion	Ratio	Lower	Upper
266	100		
268	118.5	62.7	94.1#
264	83.3	63.5	95.3

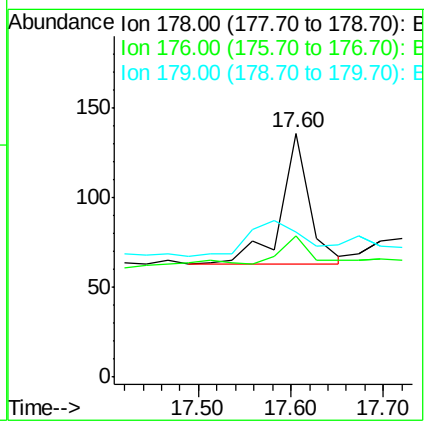


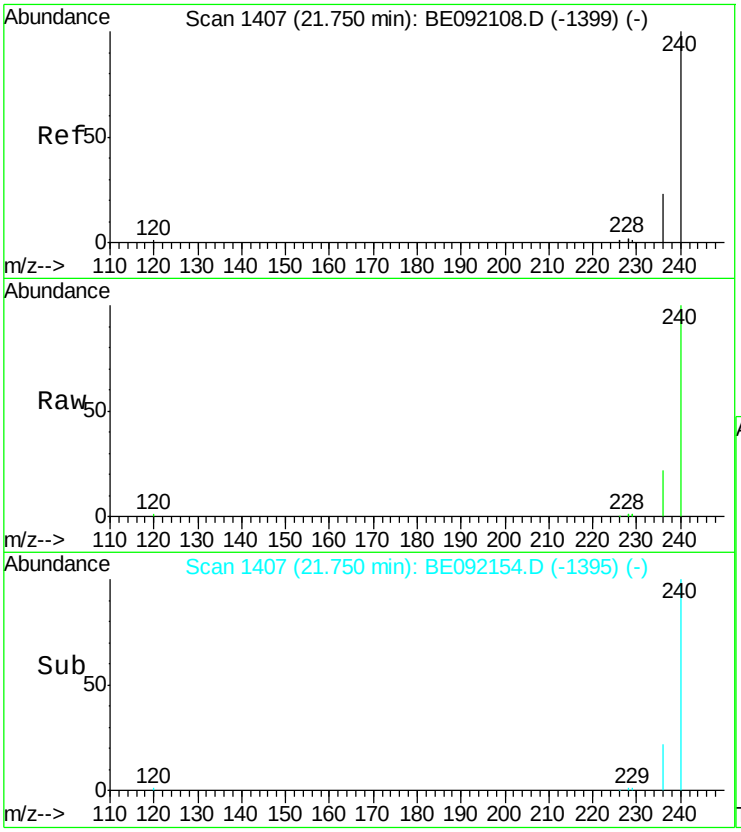


#19
Phenanthrene
Concen: Below Cal
RT: 17.60 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BE092154.D
Acq: 3 Aug 2016 20:43

Tgt Ion:178 Resp: 159

Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.4	23.0
179	0.0	12.7	19.1#



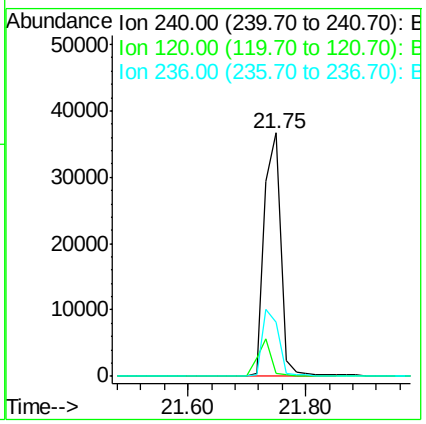


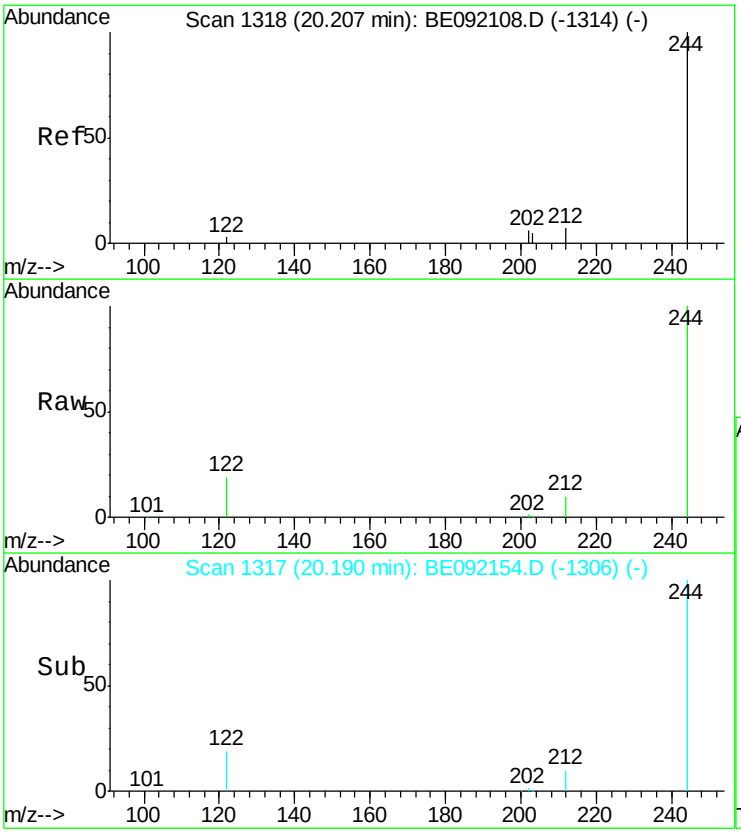
#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BE092154.D
Acq: 3 Aug 2016 20:43

Instrument :
BNA_E
ClientSampleId :
GW-30-6.6-15.0

Tgt Ion:240 Resp: 71068

Ion	Ratio	Lower	Upper
240	100		
120	1.3	0.6	1.0#
236	22.1	18.2	27.4

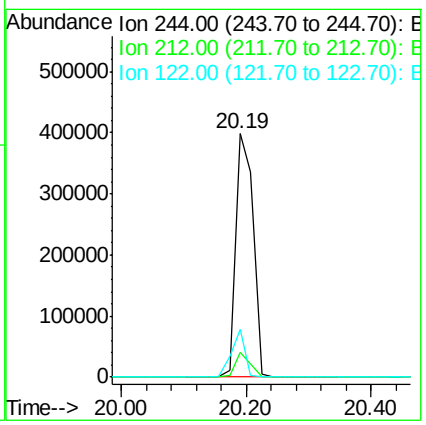


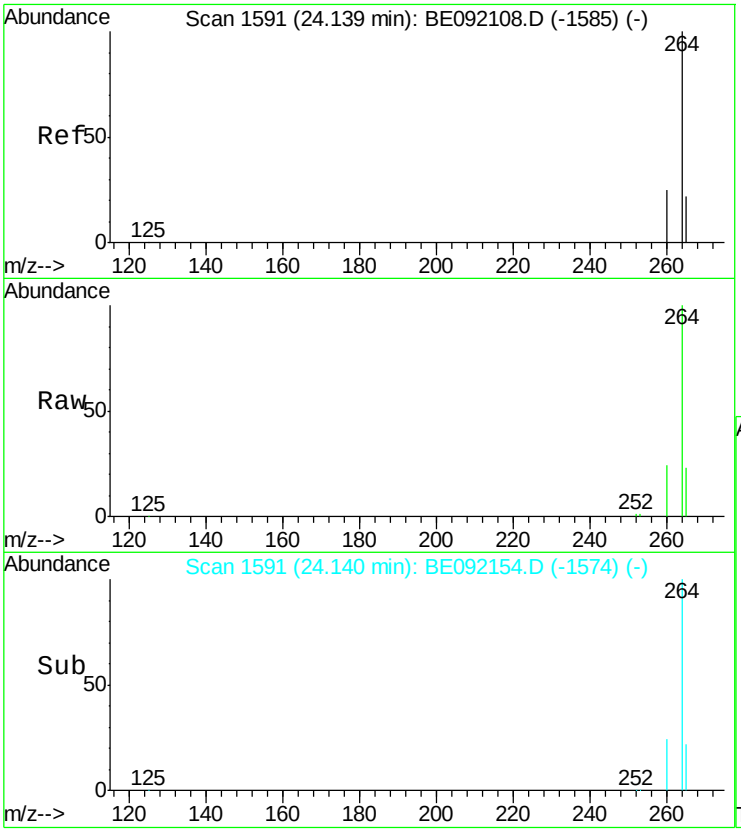


#24
Terphenyl-d14
Concen: 75.89 ng
RT: 20.19 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BE092154.D
Acq: 3 Aug 2016 20:43

Tgt Ion:244 Resp: 774523

Ion	Ratio	Lower	Upper
244	100		
212	10.3	9.1	13.7
122	19.4	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: BE092154.D
Acq: 3 Aug 2016 20:43

Instrument :
BNA_E
ClientSampleId :
GW-30-6.6-15.0

Tgt Ion:264 Resp: 73865

Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.8	31.2
265	22.7	16.6	25.0