Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111616\
Data File : BE092546.D
Acq On : 16 Nov 2016 22:50
Operator : UM/SJ
Sample : H5636-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C19043041

Quant Time: Nov 17 04:53:09 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 15:43:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	7701	5.00	ng	-0.02
7) Naphthalene-d8	10.93	136	34932	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	23625	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	49725	5.00	ng	0.00
24) Chrysene-d12	21.72	240	79819	5.00	ng	0.00
31) Perylene-d12	24.08	264	71699	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	7228	5.56	ng	-0.02
5) Phenol-d6	7.34	99	5359	2.55	ng	-0.02
8) Nitrobenzene-d5	9.32	82	12357	5.44	ng	-0.05
13) 2,4,6-Tribromophenol	16.30	330	7417	13.99	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	31869	5.53	ng	-0.01
26) Terphenyl-d14	20.16	244	55574	6.09	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	6	Below Cal	#	19
3) n-Nitrosodimethylamine	3.99	42	6	0.18	ng #	17
6) bis(2-Chloroethyl)ether	7.54	93	7	0.04	ng #	15
19) Hexachlorobenzene	16.66	284	115	0.06	ng #	1
27) Benzo(a)anthracene	21.72	228	951	0.11	ng #	45
29) Bis(2-ethylhexyl)phthalate	21.61	149	2190	0.53	ng #	74
30) Indeno(1,2,3-cd)pyrene	26.60	276	365	0.05	ng	99

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

Quantitation Report (Not Reviewed)

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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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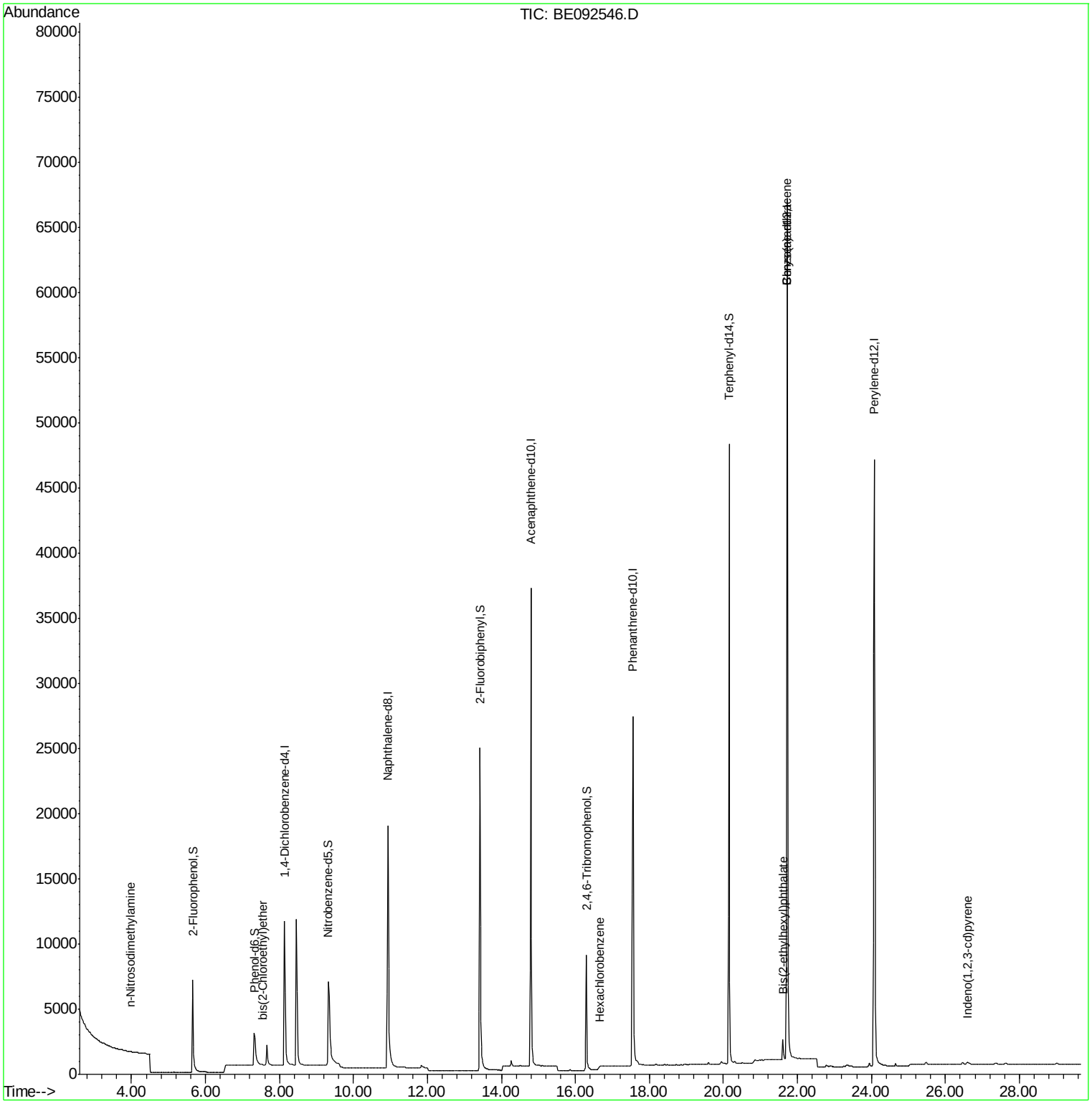
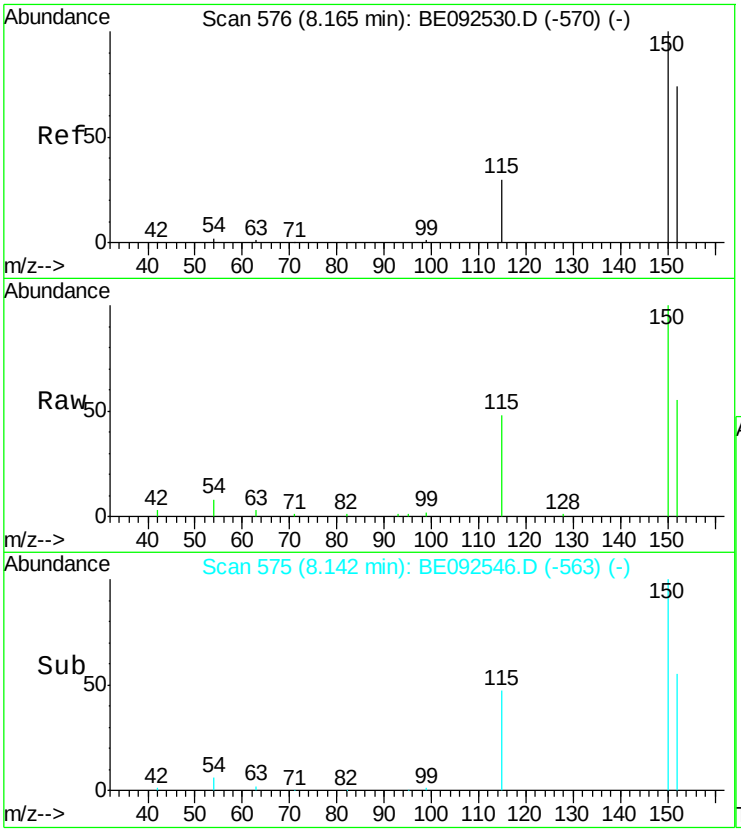


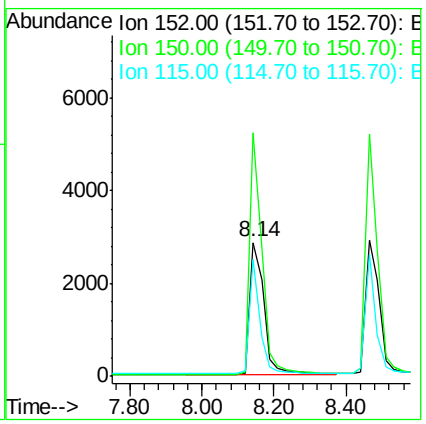


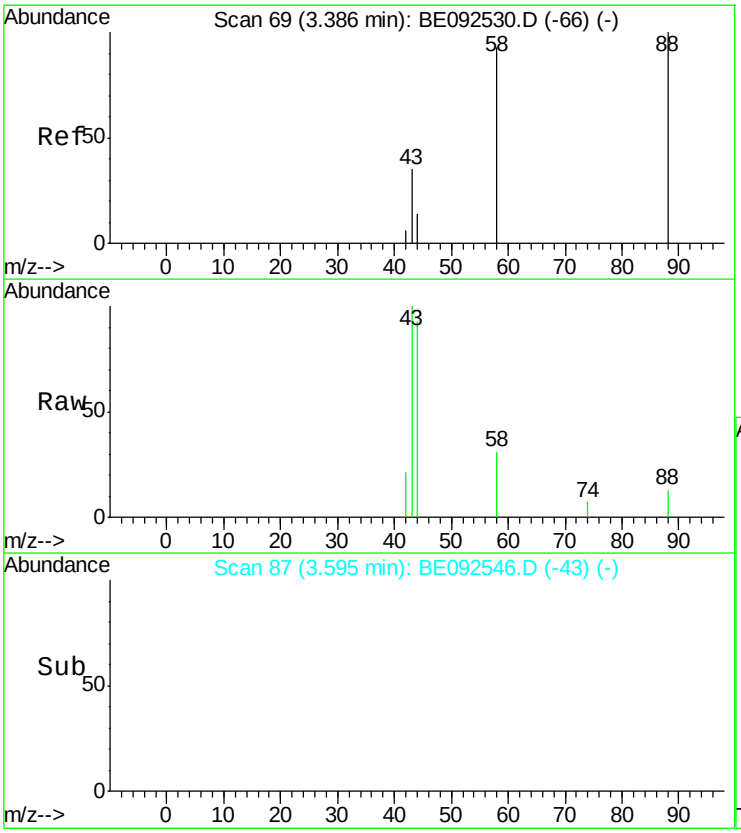
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. -0.02 min
Lab File: BE092546.D
Acq: 16 Nov 2016 22:50

Instrument :
BNA_E
ClientSampleId :
C19043041

Tgt Ion:152 Resp: 7701

Ion	Ratio	Lower	Upper
152	100		
150	182.0	106.0	159.0#
115	87.7	31.2	46.8#

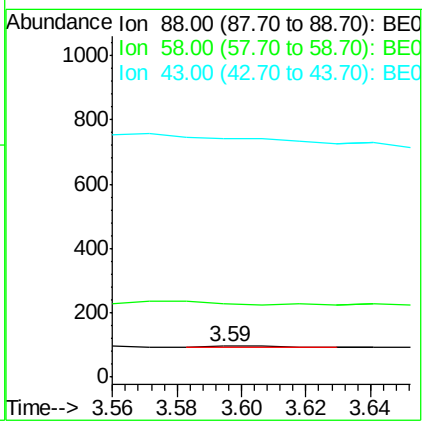


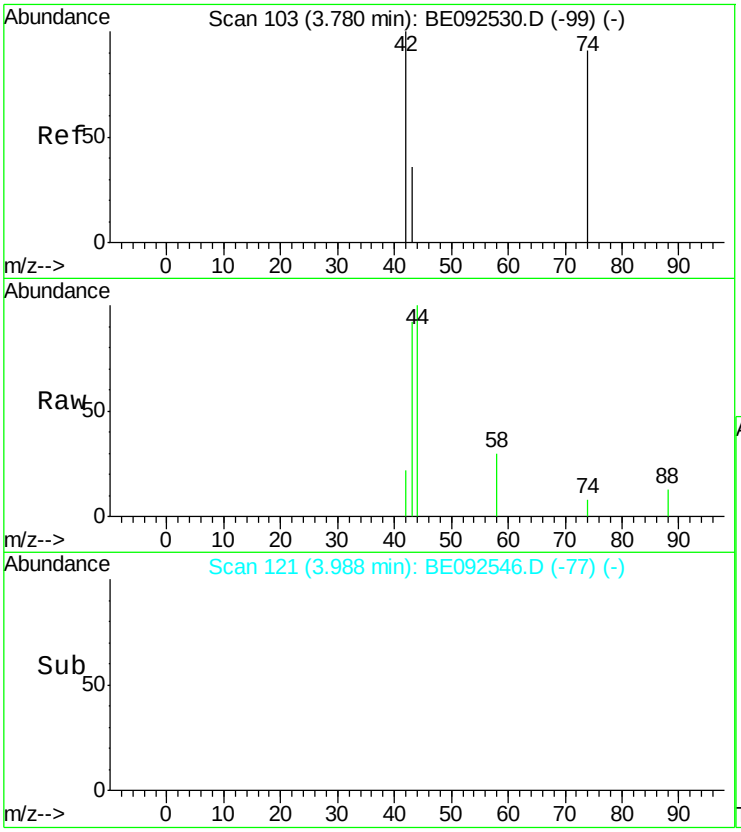


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.59 min Scan# 87
Delta R.T. 0.21 min
Lab File: BE092546.D
Acq: 16 Nov 2016 22:50

Tgt Ion: 88 Resp: 6

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.6	95.4#
43	0.0	28.0	42.0#



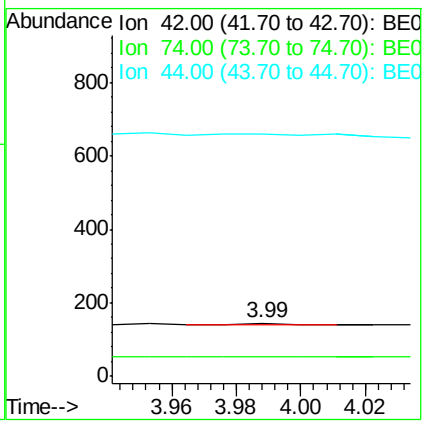


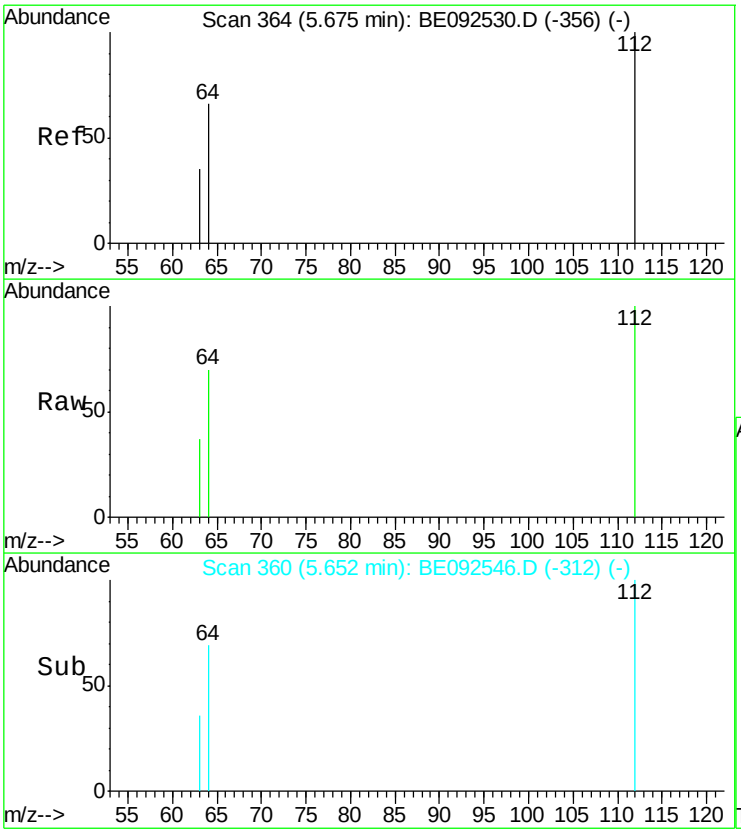
#3
n-Nitrosodimethylamine
Concen: 0.18 ng
RT: 3.99 min Scan# 121
Delta R.T. 0.21 min
Lab File: BE092546.D
Acq: 16 Nov 2016 22:50

Instrument :
BNA_E
ClientSampleId :
C19043041

Tgt Ion: 42 Resp: 6

Ion	Ratio	Lower	Upper
42	100		
74	16.7	86.0	129.0#
44	0.0	5.1	7.7#

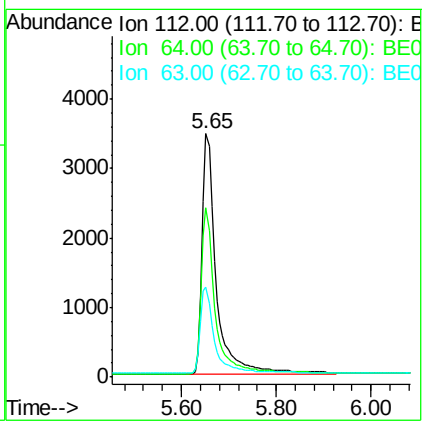


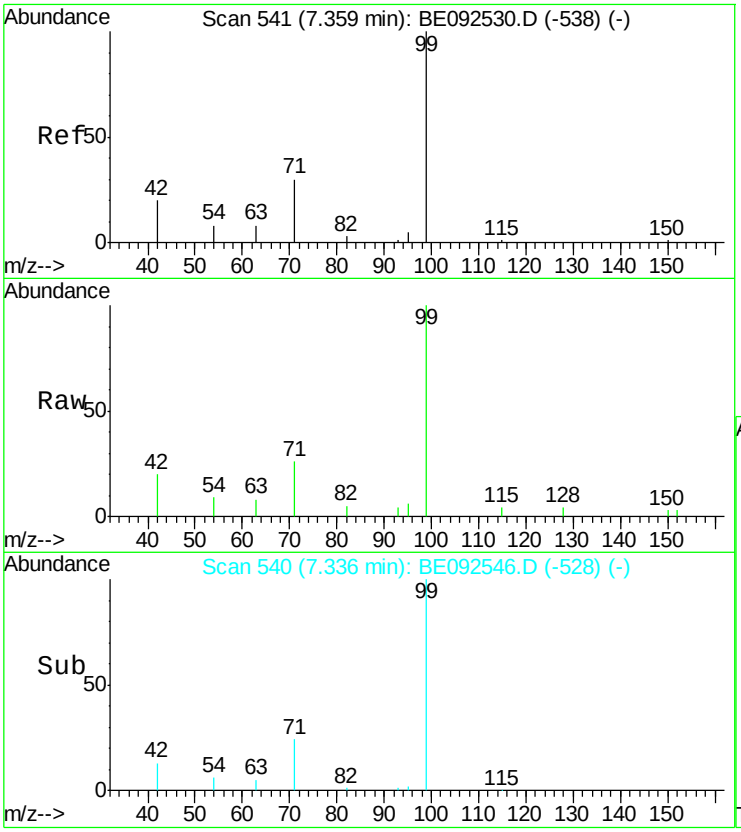


#4
2-Fluorophenol
Concen: 5.56 ng
RT: 5.65 min Scan# 360
Delta R.T. -0.02 min
Lab File: BE092546.D
Acq: 16 Nov 2016 22:50

Tgt Ion:112 Resp: 7228

Ion	Ratio	Lower	Upper
112	100		
64	68.2	53.5	80.3
63	36.0	27.9	41.9



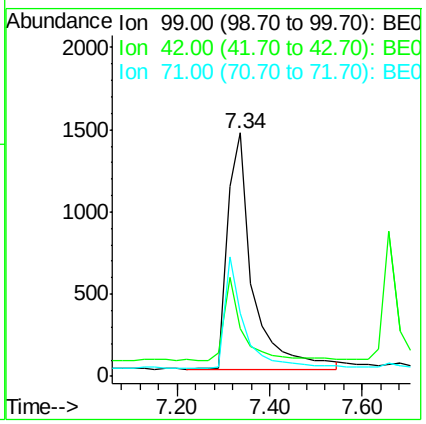


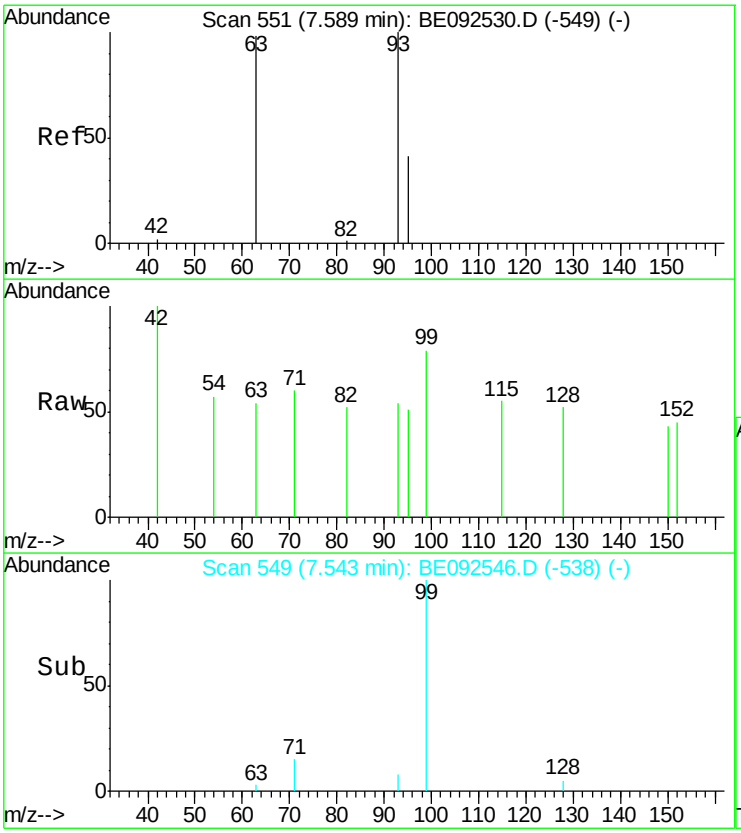
#5
Phenol-d6
Concen: 2.55 ng
RT: 7.34 min Scan# 540
Delta R.T. -0.02 min
Lab File: BE092546.D
Acq: 16 Nov 2016 22:50

Instrument :
BNA_E
ClientSampleId :
C19043041

Tgt Ion: 99 Resp: 5359

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	0.0	30.6	45.8#

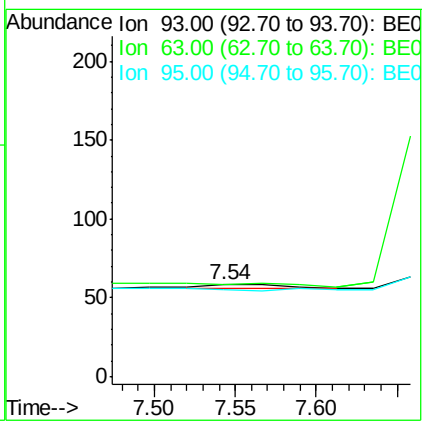


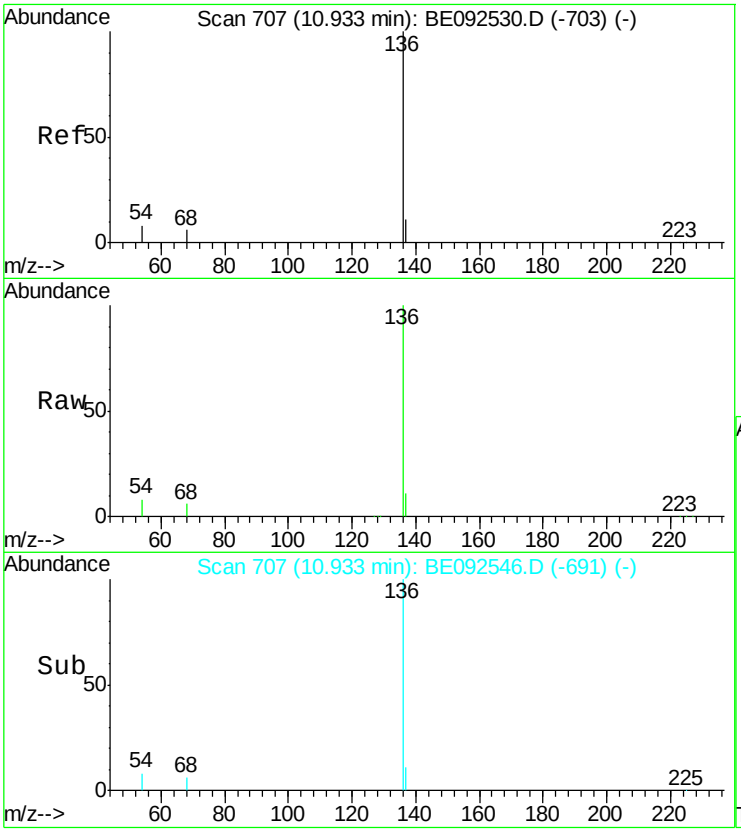


#6
bis(2-Chloroethyl)ether
Concen: 0.04 ng
RT: 7.54 min Scan# 549
Delta R.T. -0.04 min
Lab File: BE092546.D
Acq: 16 Nov 2016 22:50

Tgt Ion: 93 Resp: 7

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	0.0	24.0	36.0#



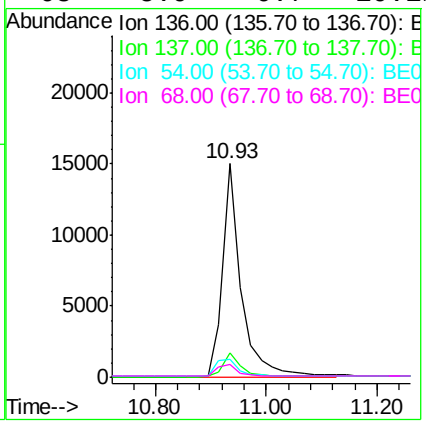


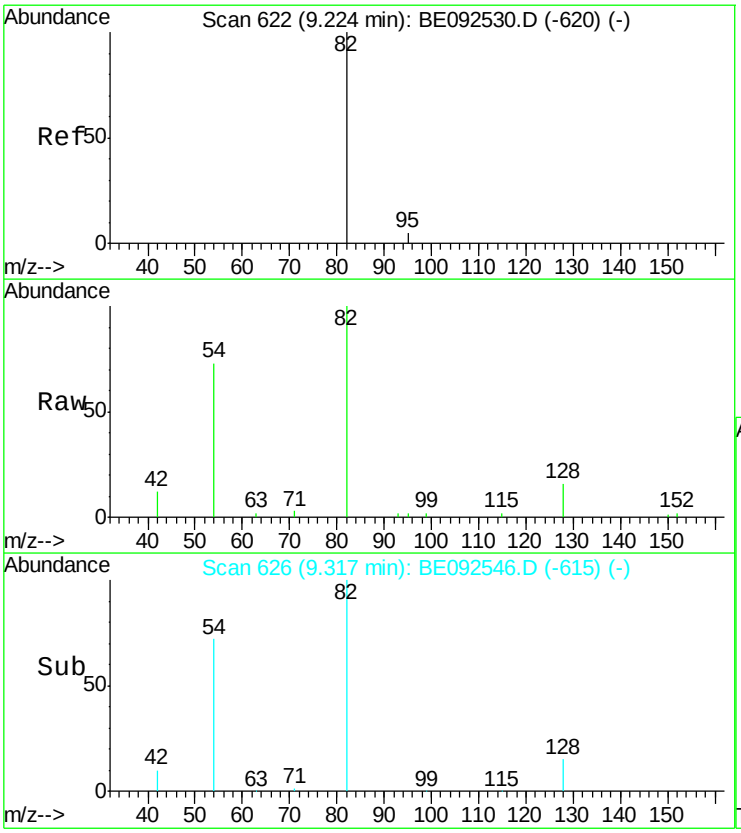
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.93 min Scan# 707
Delta R.T. -0.00 min
Lab File: BE092546.D
Acq: 16 Nov 2016 22:50

Instrument :
BNA_E
ClientSampleId :
C19043041

Tgt Ion:136 Resp: 34932

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	8.1	9.6	14.4#
68	5.9	6.7	10.1#

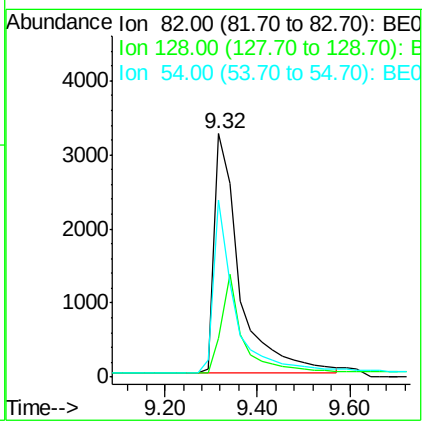


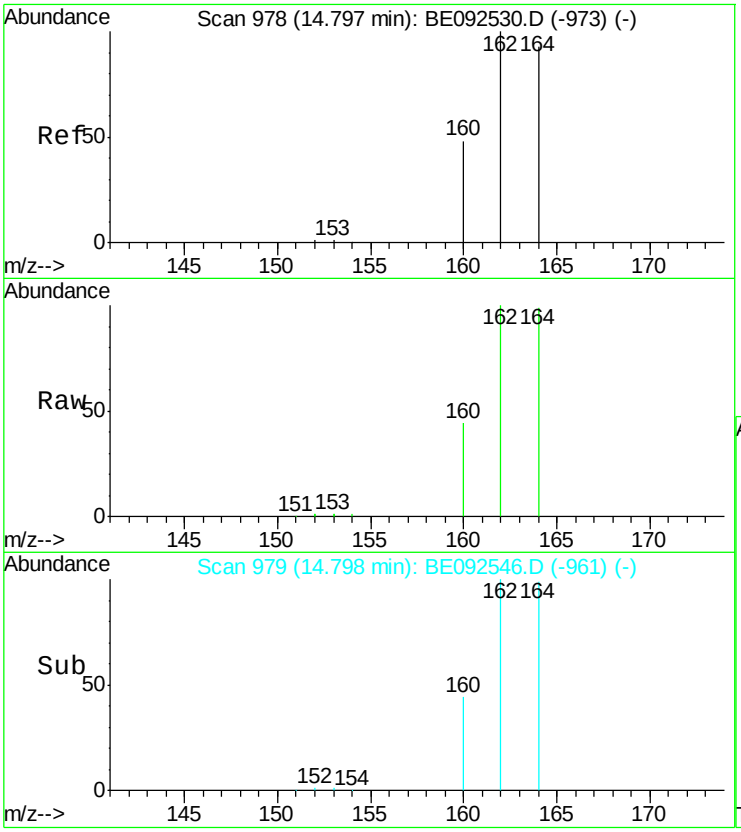


#8
Nitrobenzene-d5
Concen: 5.44 ng
RT: 9.32 min Scan# 626
Delta R.T. -0.05 min
Lab File: BE092546.D
Acq: 16 Nov 2016 22:50

Tgt Ion: 82 Resp: 12357

Ion	Ratio	Lower	Upper
82	100		
128	16.1	39.0	58.4#
54	72.9	44.8	67.2#



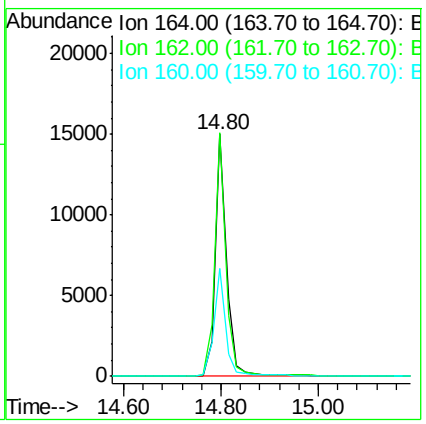


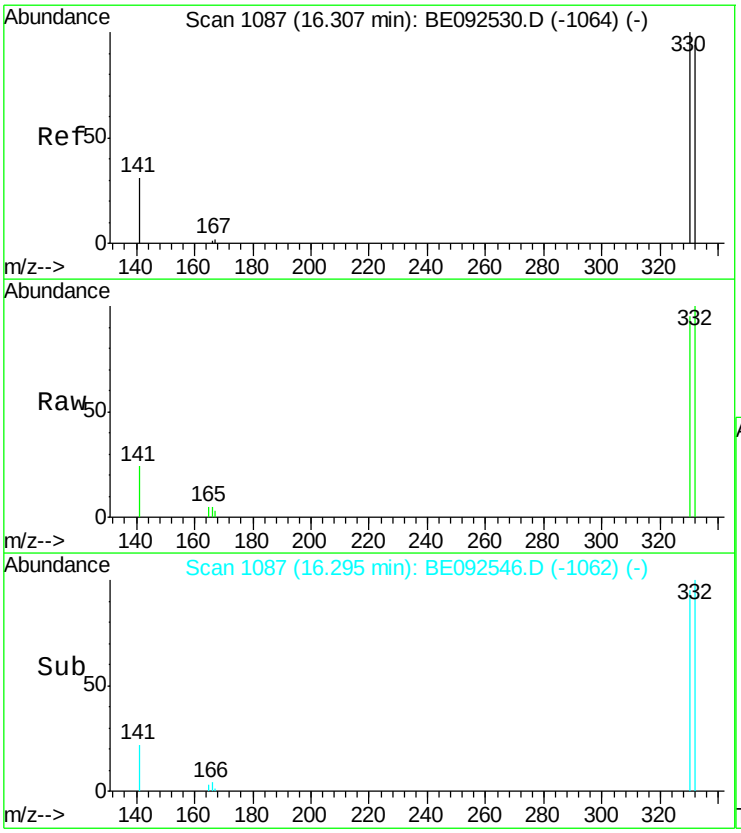
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 979
Delta R.T. 0.00 min
Lab File: BE092546.D
Acq: 16 Nov 2016 22:50

Instrument :
BNA_E
ClientSampleId :
C19043041

Tgt Ion:164 Resp: 23625

Ion	Ratio	Lower	Upper
164	100		
162	100.5	71.4	107.0
160	44.5	27.4	41.2#

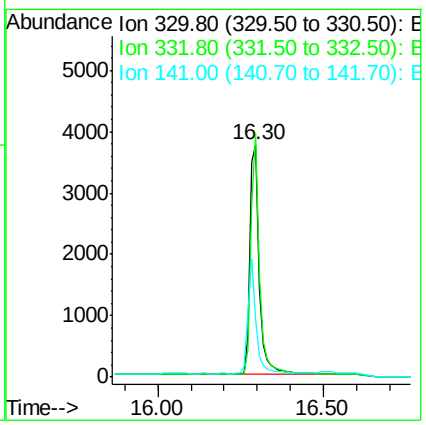


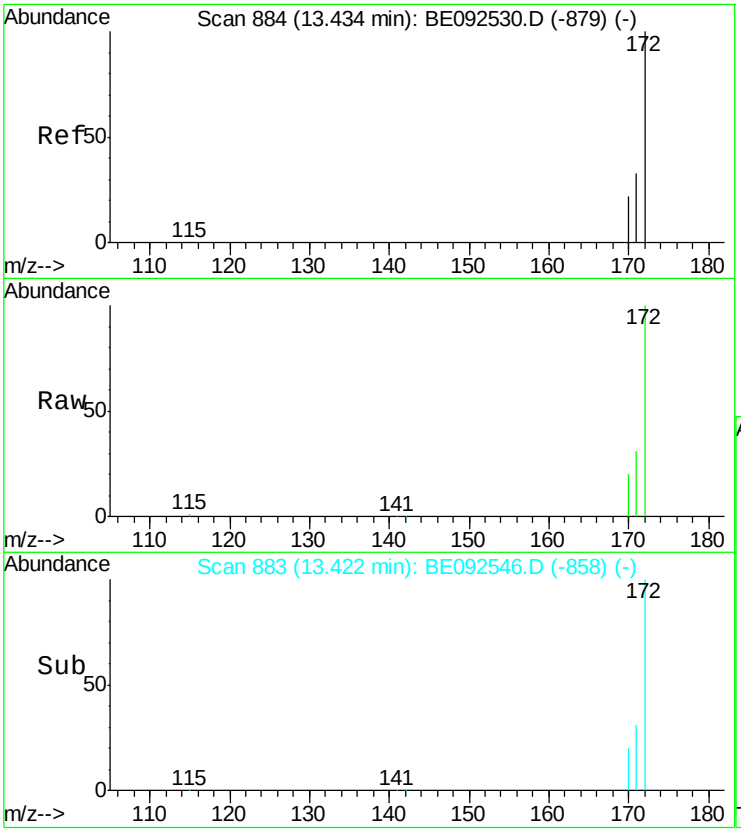


#13
2,4,6-Tribromophenol
Concen: 13.99 ng
RT: 16.30 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BE092546.D
Acq: 16 Nov 2016 22:50

Tgt Ion:330 Resp: 7417

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.4	113.0
141	43.3	31.0	46.6



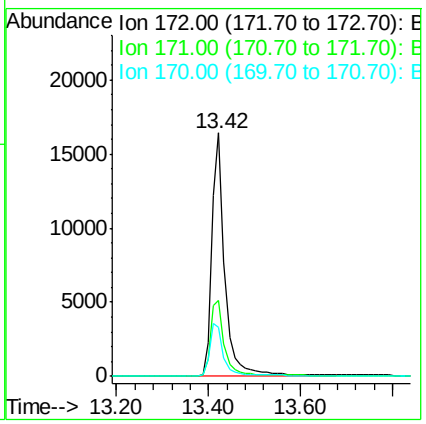


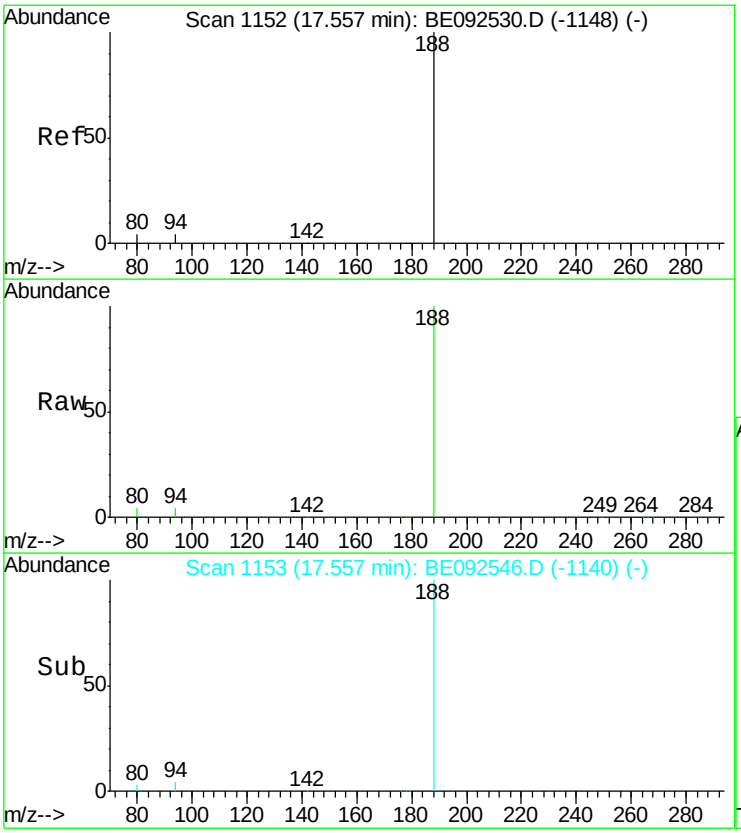
#14
2-Fluorobiphenyl
Concen: 5.53 ng
RT: 13.42 min Scan# 883
Delta R.T. -0.01 min
Lab File: BE092546.D
Acq: 16 Nov 2016 22:50

Instrument :
BNA_E
ClientSampleId :
C19043041

Tgt Ion:172 Resp: 31869

Ion	Ratio	Lower	Upper
172	100		
171	31.3	30.1	45.1
170	19.9	21.8	32.6#

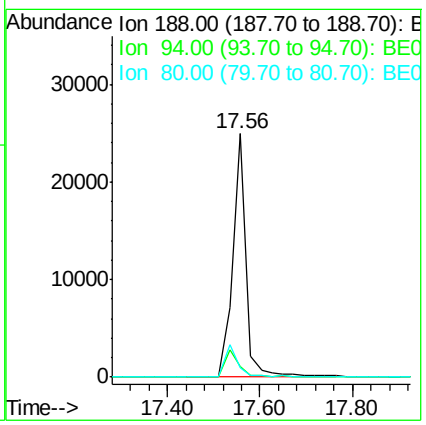


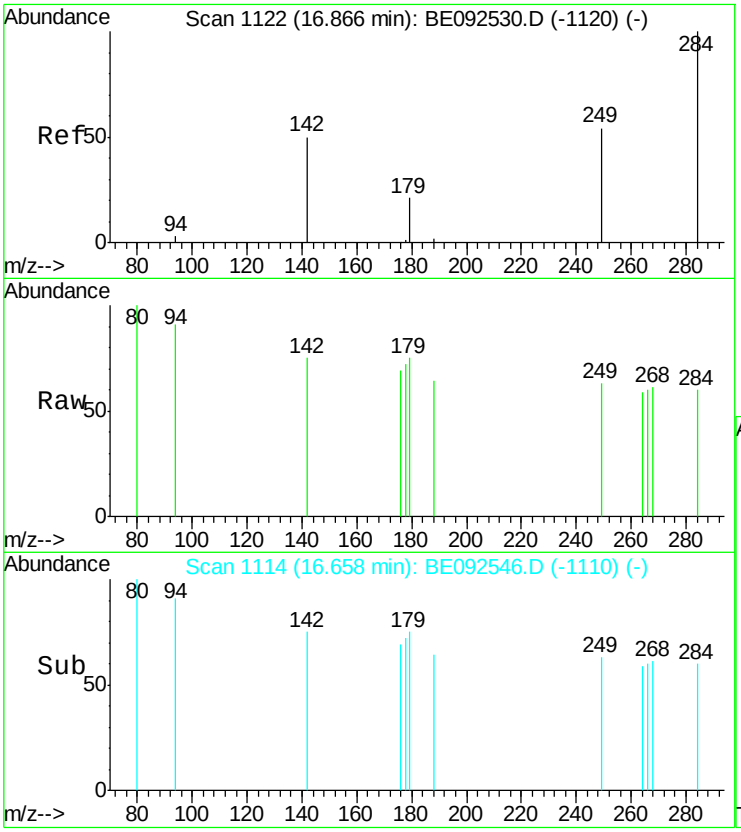


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092546.D
Acq: 16 Nov 2016 22:50

Tgt Ion:188 Resp: 49725

Ion	Ratio	Lower	Upper
188	100		
94	4.3	3.2	4.8
80	3.7	2.6	3.8



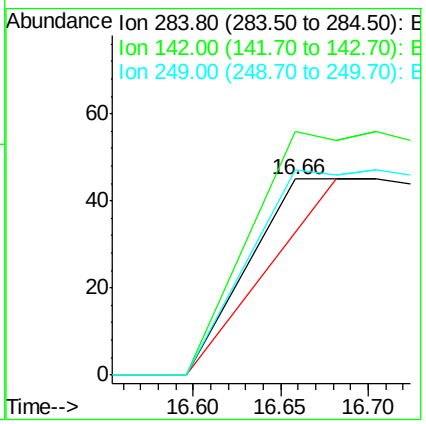


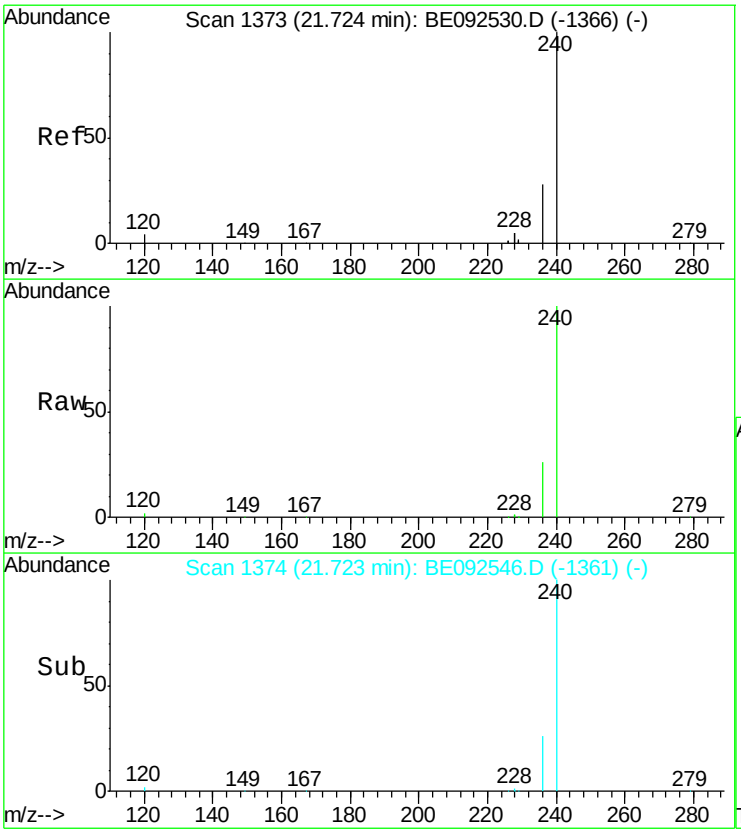
#19
Hexachlorobenzene
Concen: 0.06 ng
RT: 16.66 min Scan# 1114
Delta R.T. -0.21 min
Lab File: BE092546.D
Acq: 16 Nov 2016 22:50

Instrument :
BNA_E
ClientSampleId :
C19043041

Tgt Ion:284 Resp: 115

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	373.9	27.9	41.9#

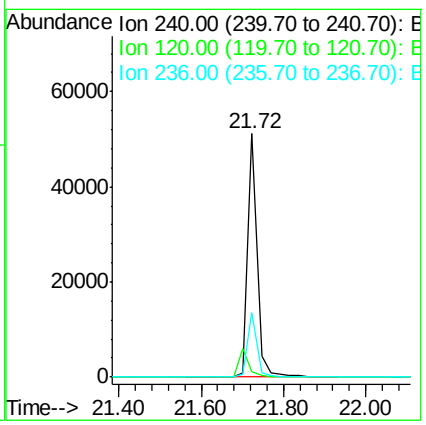


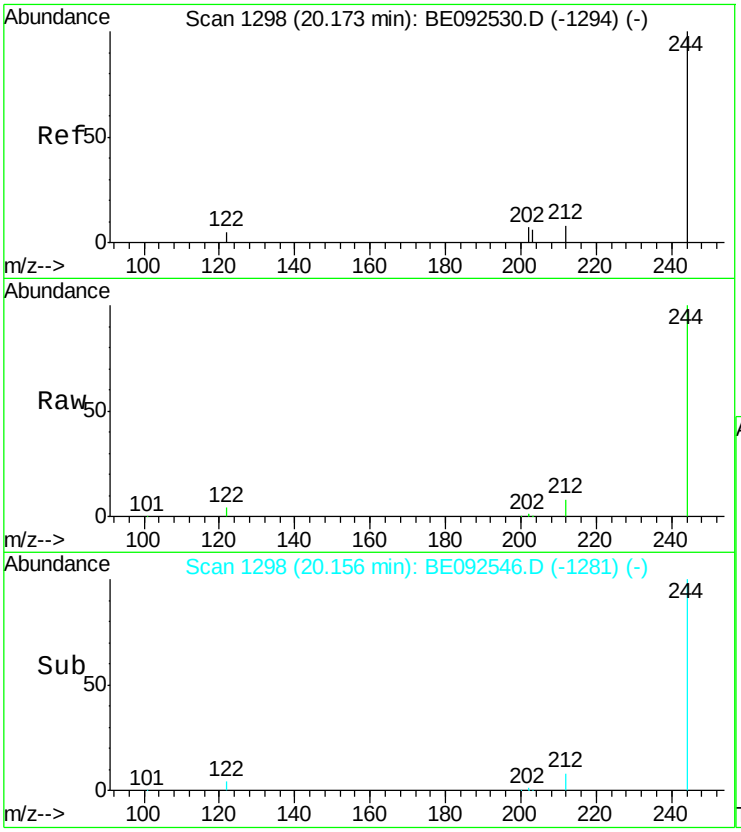


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092546.D
Acq: 16 Nov 2016 22:50

Tgt Ion:240 Resp: 79819

Ion	Ratio	Lower	Upper
240	100		
120	2.1	2.6	4.0#
236	26.4	24.6	37.0



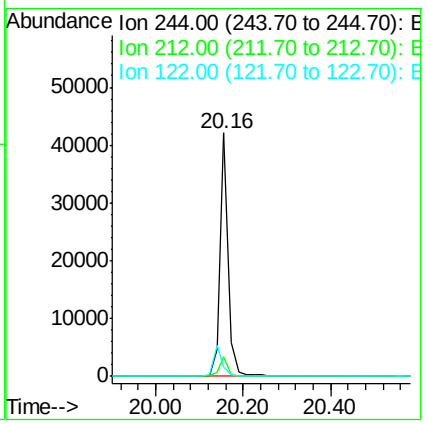


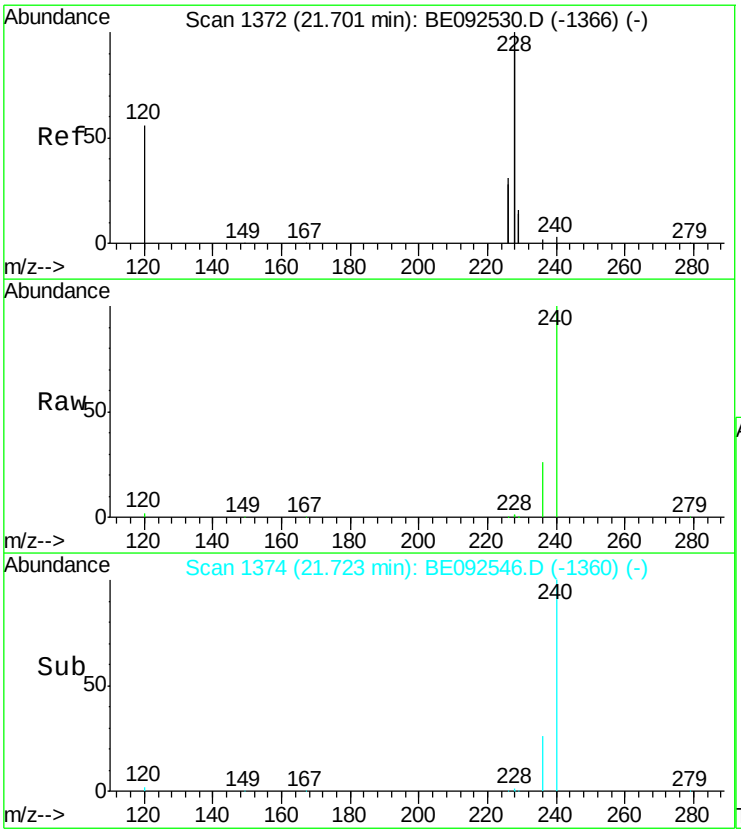
#26
Terphenyl-d14
Concen: 6.09 ng
RT: 20.16 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BE092546.D
Acq: 16 Nov 2016 22:50

Instrument :
BNA_E
ClientSampleId :
C19043041

Tgt Ion:244 Resp: 55574

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.7	10.1
122	4.1	3.6	5.4

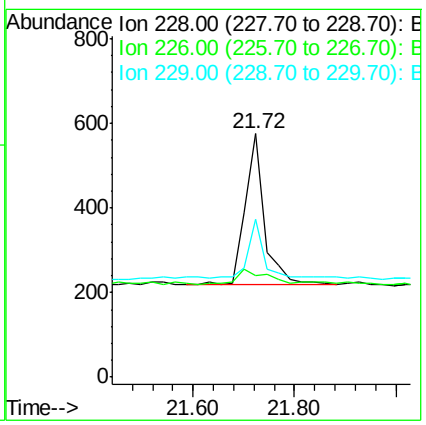


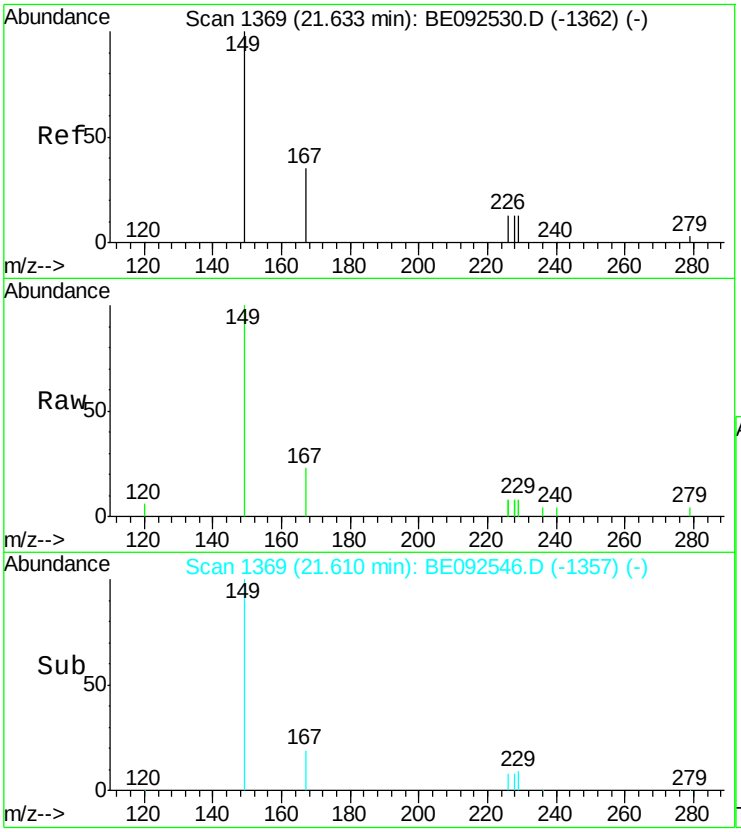


#27
Benzo(a)anthracene
Concen: 0.11 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.02 min
Lab File: BE092546.D
Acq: 16 Nov 2016 22:50

Tgt Ion:228 Resp: 951

Ion	Ratio	Lower	Upper
228	100		
226	41.7	23.6	35.4#
229	64.6	13.3	19.9#



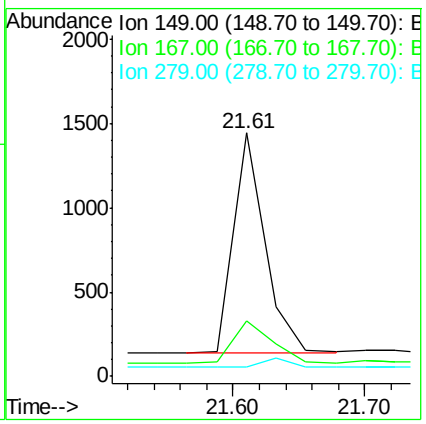


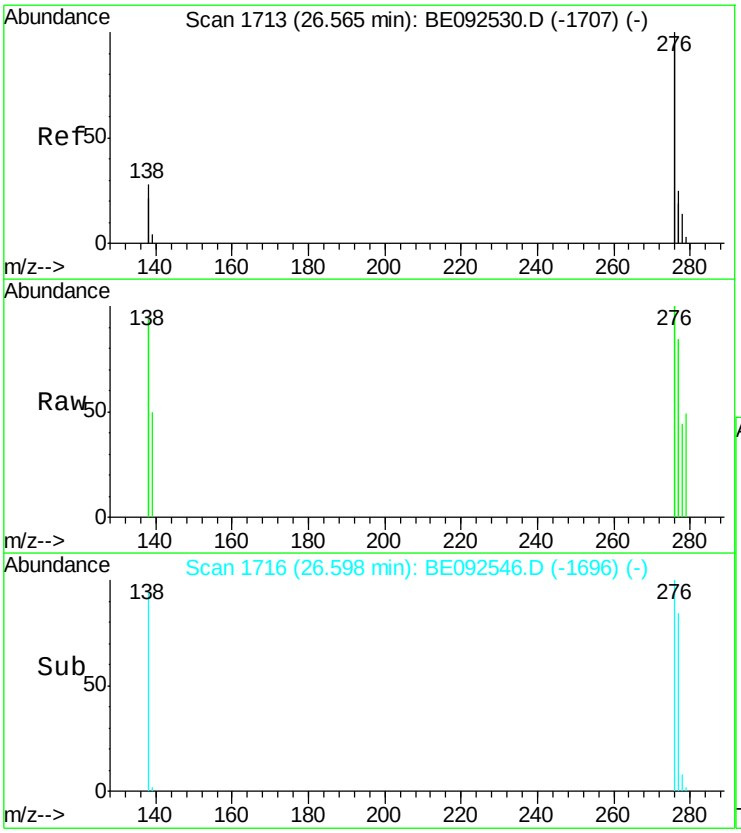
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.53 ng
RT: 21.61 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BE092546.D
Acq: 16 Nov 2016 22:50

Instrument :
BNA_E
ClientSampleId :
C19043041

Tgt Ion:149 Resp: 2190

Ion	Ratio	Lower	Upper
149	100		
167	24.2	16.0	24.0#
279	0.0	16.0	24.0#

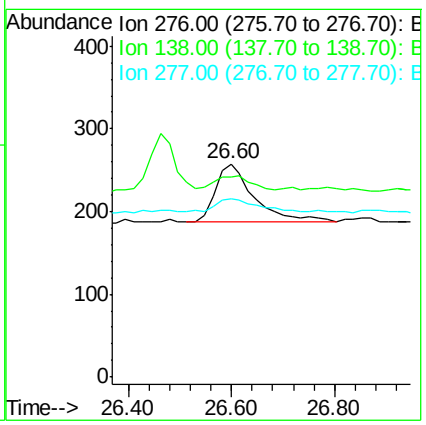


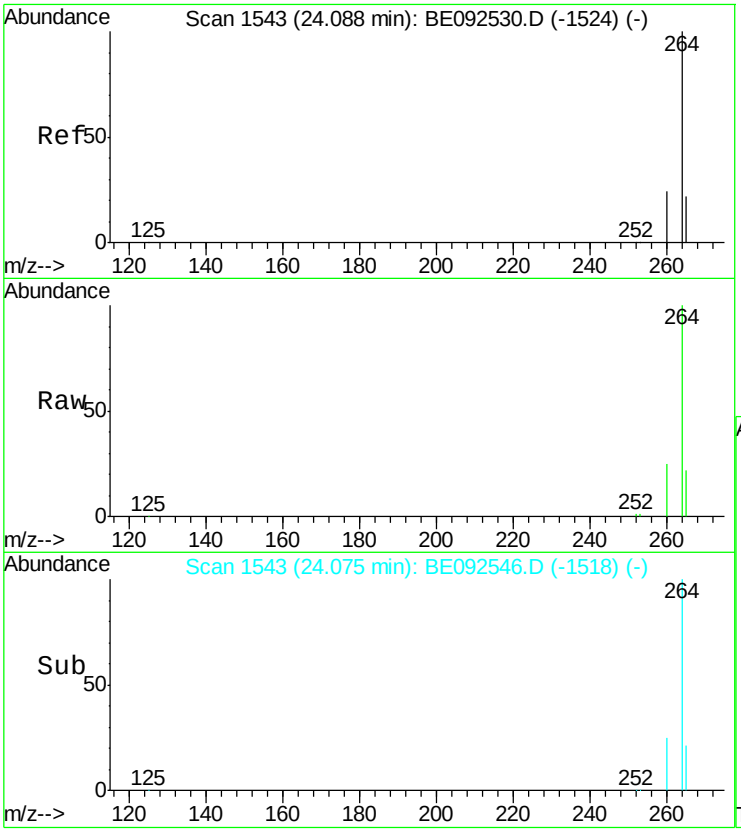


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 26.60 min Scan# 1716
Delta R.T. 0.03 min
Lab File: BE092546.D
Acq: 16 Nov 2016 22:50

Tgt Ion:276 Resp: 365

Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.3	30.5
277	24.9	19.7	29.5





#31
Perylene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BE092546.D
Acq: 16 Nov 2016 22:50

Instrument :
BNA_E
ClientSampleId :
C19043041

Tgt Ion:264 Resp: 71699

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.1	30.1
265	21.7	17.9	26.9