Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030617\
Data File : BE092791.D
Acq On : 6 Mar 2017 17:38
Operator : SJ/MA
Sample : PB97289BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB97289BL

Quant Time: Mar 07 02:17:30 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 06 15:46:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	11453	5.00	ng	-0.02
7) Naphthalene-d8	10.87	136	44755	5.00	ng	-0.02
12) Acenaphthene-d10	14.76	164	21775	5.00	ng	0.00
18) Phenanthrene-d10	17.51	188	50762	5.00	ng	0.00
24) Chrysene-d12	21.68	240	63363	5.00	ng	-0.02
31) Perylene-d12	24.01	264	31327	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.60	112	20115	8.30	ng	-0.03
5) Phenol-d6	7.27	99	22713	7.87	ng	-0.05
8) Nitrobenzene-d5	9.27	82	10679	3.90	ng	-0.05
13) 2,4,6-Tribromophenol	16.26	330	4543	7.93	ng	-0.02
14) 2-Fluorobiphenyl	13.37	172	23473	4.57	ng	-0.02
26) Terphenyl-d14	20.12	244	31728	4.15	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	231	0.06	ng	# 1
3) n-Nitrosodimethylamine	3.69	42	43	0.02	ng	# 4
20) Pentachlorophenol	17.23	266	30	0.12	ng	# 76
27) Benzo(a)anthracene	21.68	228	1204	0.09	ng	# 66
28) Chrysene	21.68	228	1214	0.02	ng	# 68
29) Bis(2-ethylhexyl)phthalate	21.59	149	175	Below Cal		# 84
32) Benzo(b)fluoranthene	23.30	252	371	0.04	ng	# 1
33) Benzo(k)fluoranthene	23.30	252	371	0.04	ng	# 1
36) Benzo(g,h,i)perylene	27.30	276	707	0.02	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030617\
Data File : BE092791.D
Acq On : 6 Mar 2017 17:38
Operator : SJ/MA
Sample : PB97289BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 06 15:46:01 2017
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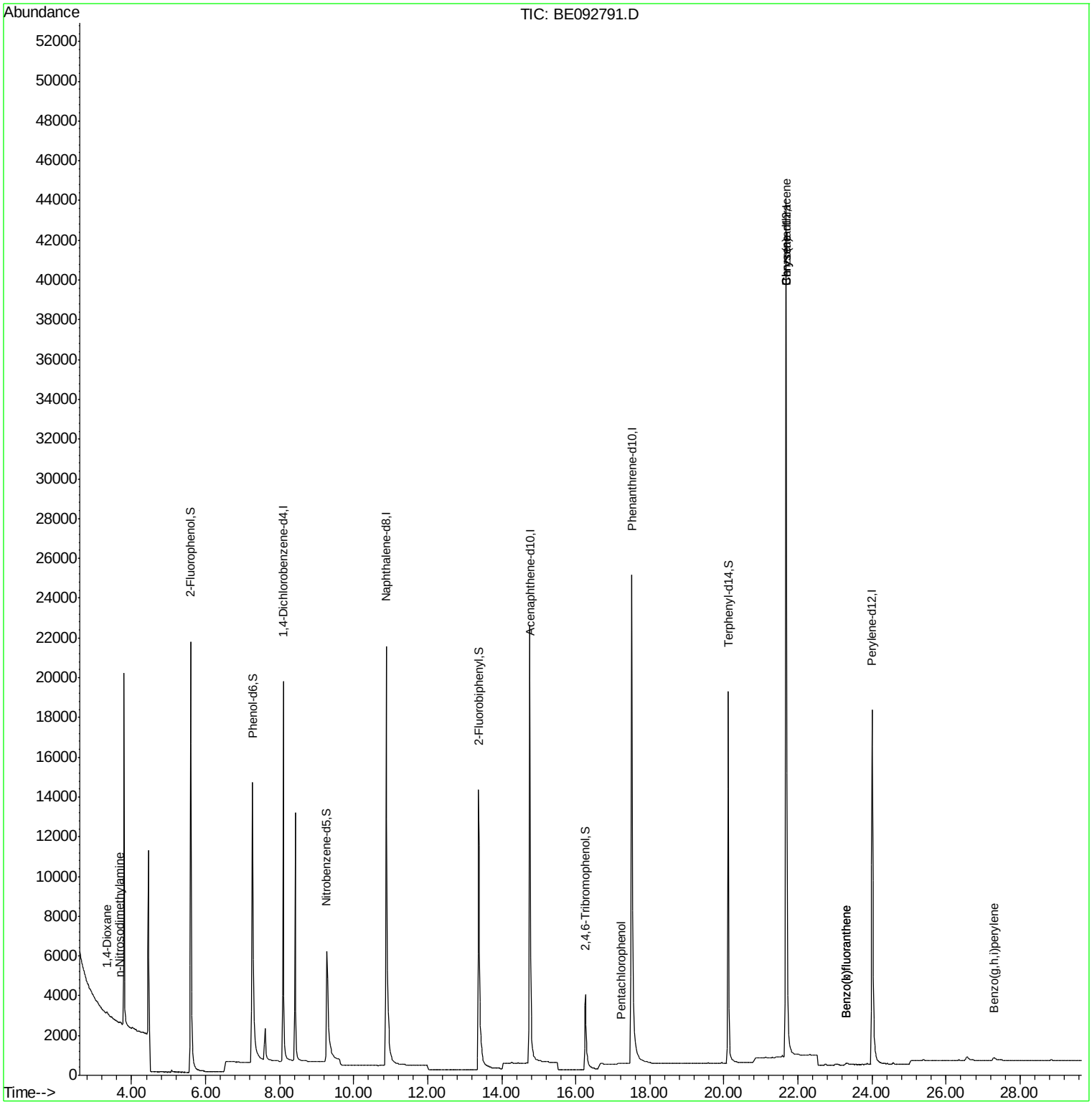
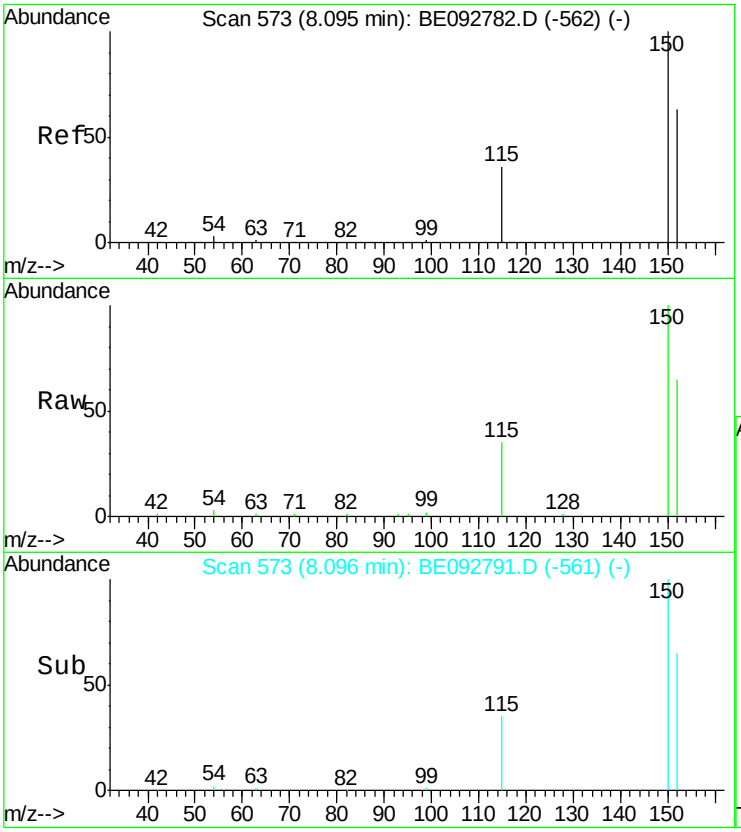


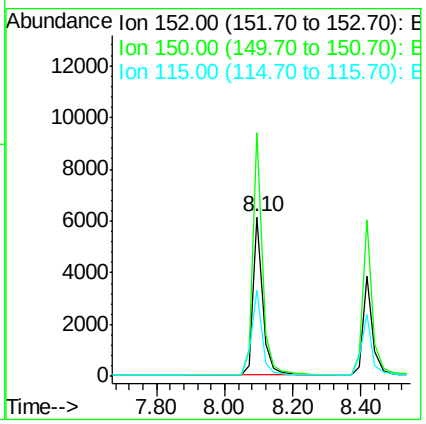


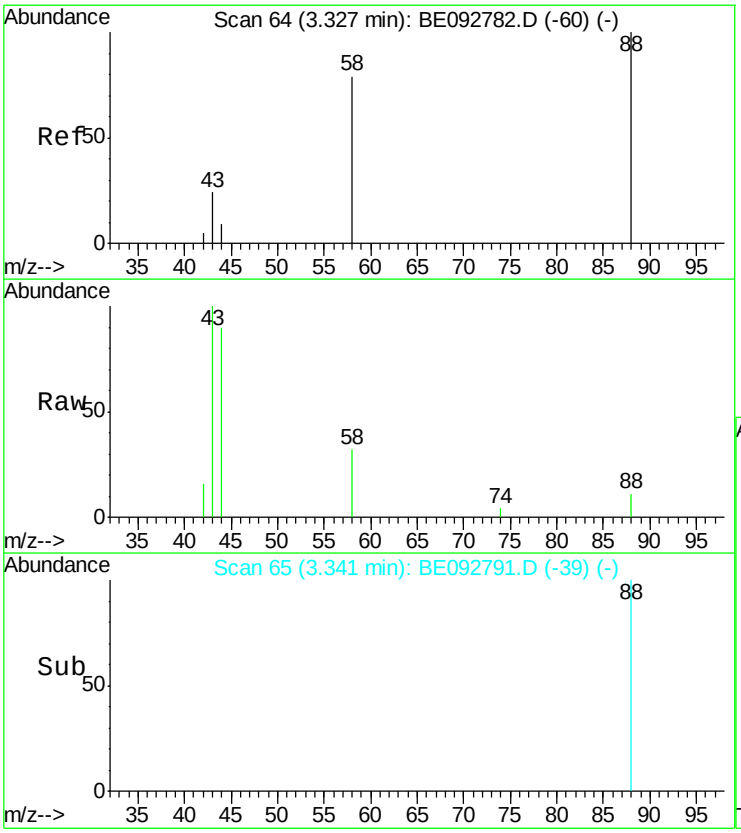
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.10 min Scan# 573
Delta R.T. -0.02 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Instrument :
BNA_E
ClientSampleId :
PB97289BL

Tgt Ion:152 Resp: 11453

Ion	Ratio	Lower	Upper
152	100		
150	152.9	106.0	159.0
115	53.9	31.2	46.8#

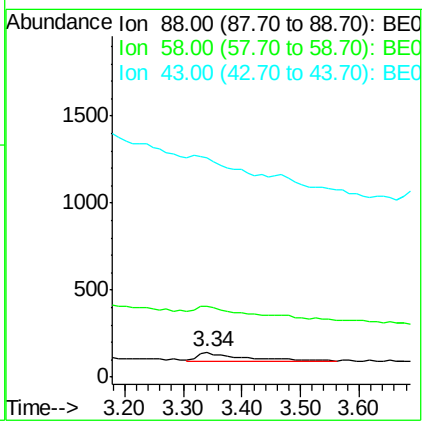


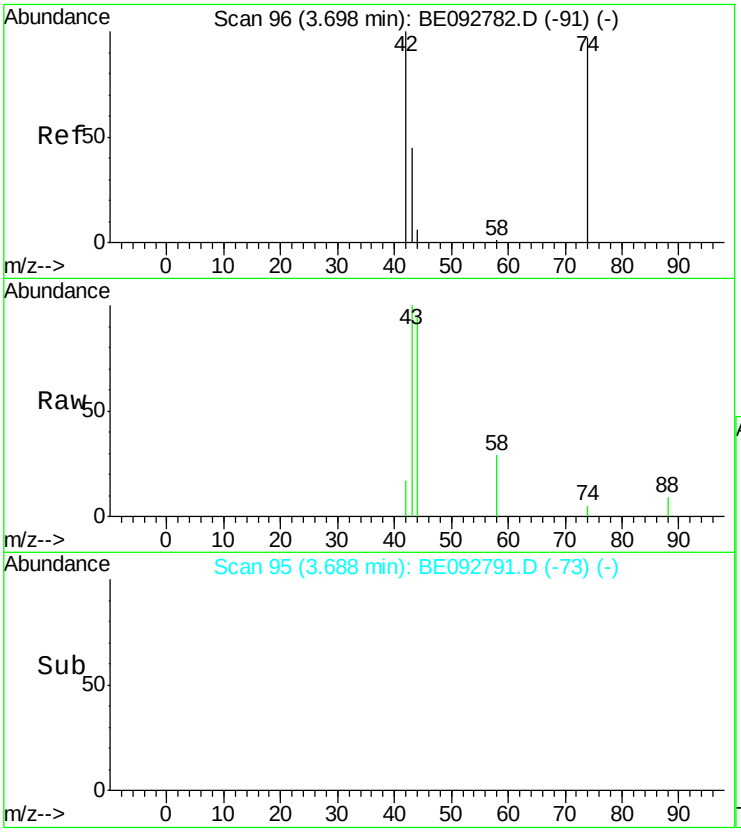


#2
1,4-Dioxane
Concen: 0.06 ng
RT: 3.34 min Scan# 65
Delta R.T. 0.00 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Tgt Ion: 88 Resp: 231

Ion	Ratio	Lower	Upper
88	100		
58	233.8	63.6	95.4#
43	0.0	28.0	42.0#



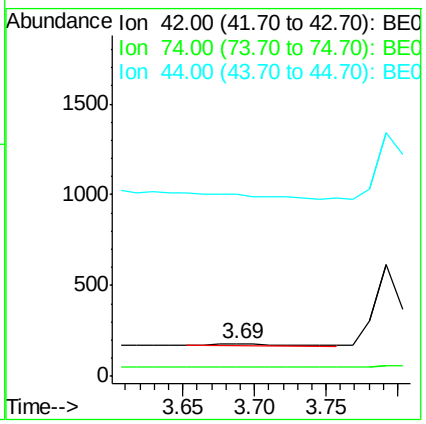


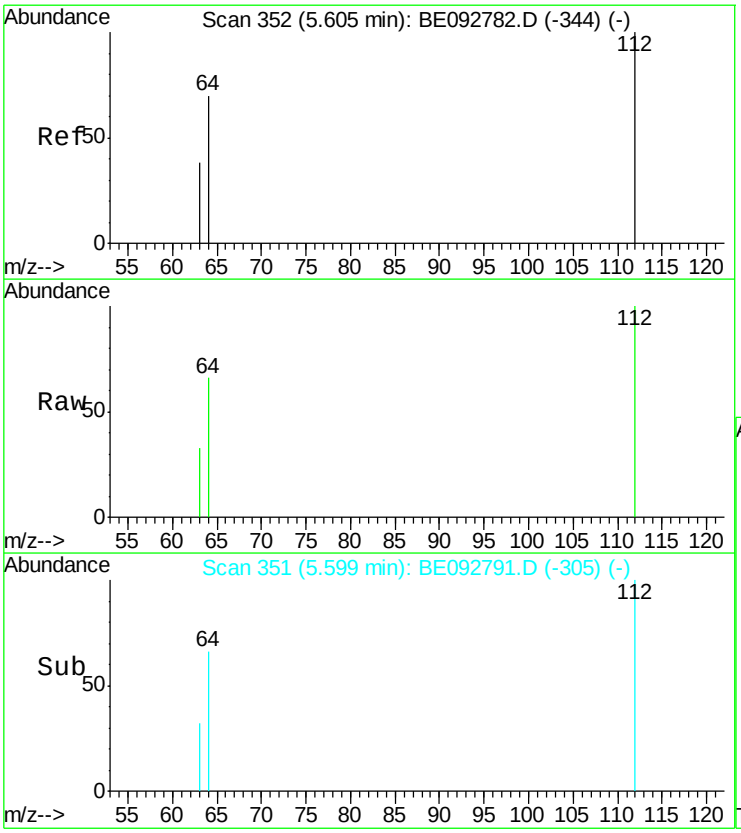
#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.69 min Scan# 95
Delta R.T. -0.05 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Instrument :
BNA_E
ClientSampleId :
PB97289BL

Tgt Ion: 42 Resp: 43

Ion	Ratio	Lower	Upper
42	100		
74	2.3	86.0	129.0#
44	0.0	5.1	7.7#

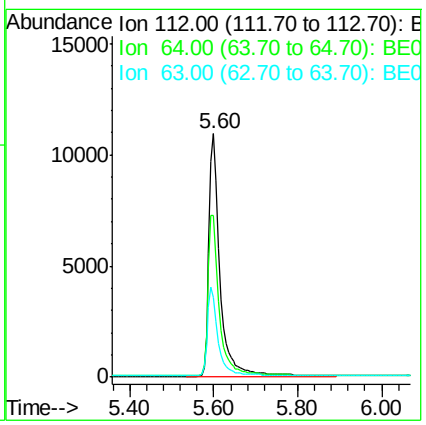


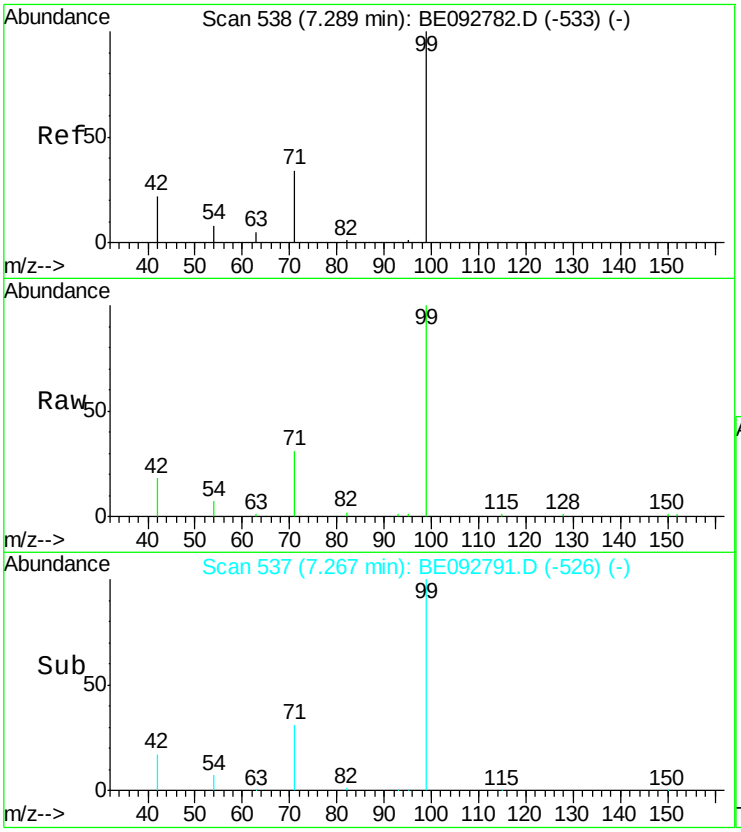


#4
2-Fluorophenol
Concen: 8.30 ng
RT: 5.60 min Scan# 351
Delta R.T. -0.03 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Tgt Ion:112 Resp: 20115

Ion	Ratio	Lower	Upper
112	100		
64	68.4	53.5	80.3
63	36.3	27.9	41.9



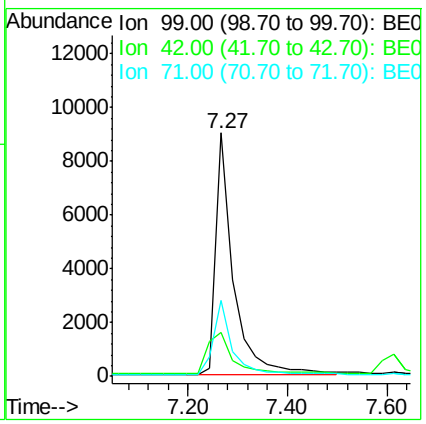


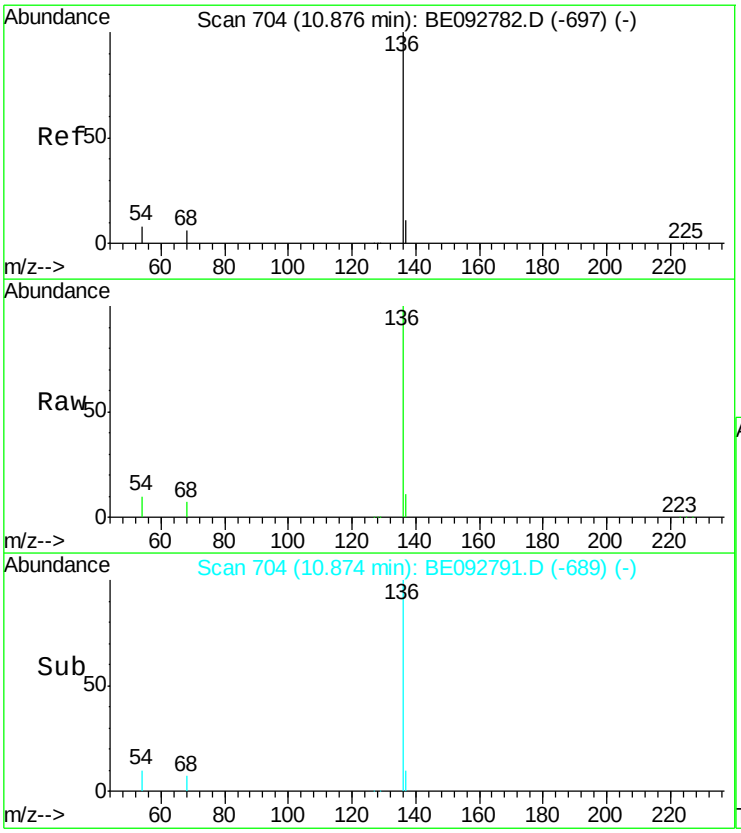
#5
Phenol-d6
Concen: 7.87 ng
RT: 7.27 min Scan# 537
Delta R.T. -0.05 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Instrument :
BNA_E
ClientSampleId :
PB97289BL

Tgt Ion: 99 Resp: 22713

Ion	Ratio	Lower	Upper
99	100		
42	23.9	16.0	24.0
71	32.8	30.6	45.8

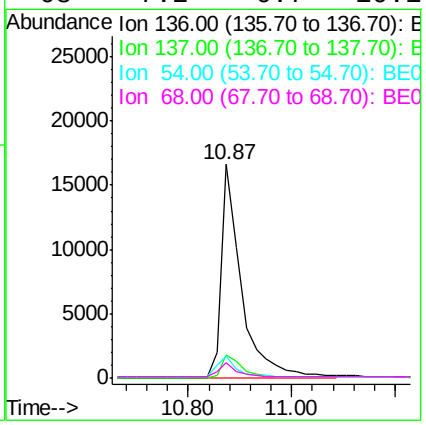


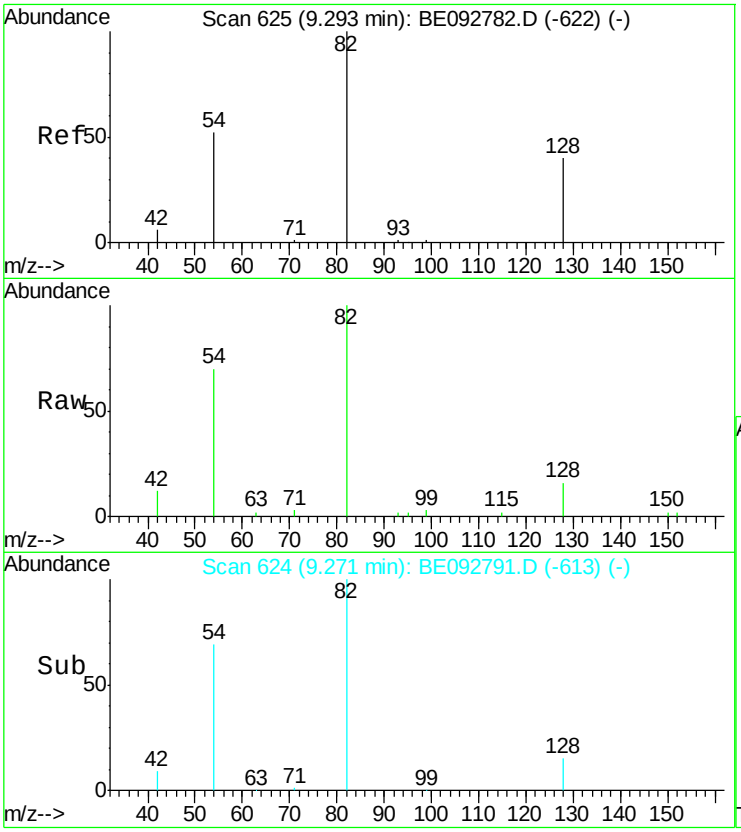


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.87 min Scan# 704
Delta R.T. -0.02 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Tgt Ion:136 Resp: 44755

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	10.3	9.6	14.4
68	7.2	6.7	10.1



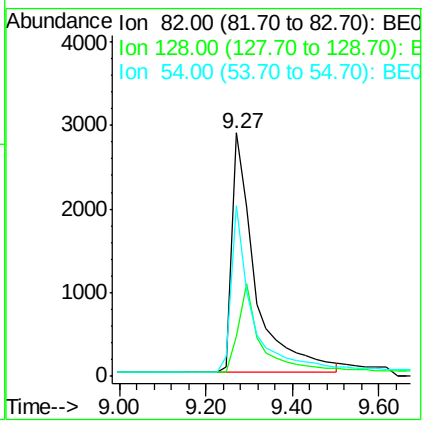


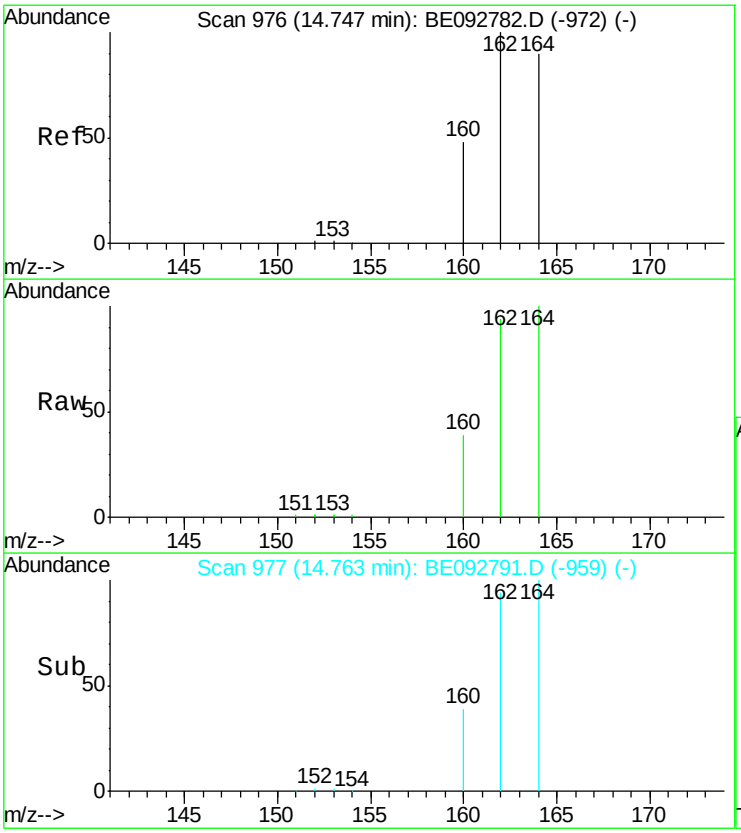
#8
Nitrobenzene-d5
Concen: 3.90 ng
RT: 9.27 min Scan# 624
Delta R.T. -0.05 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Instrument : BNA_E
ClientSampleId : PB97289BL

Tgt Ion: 82 Resp: 10679

Ion	Ratio	Lower	Upper
82	100		
128	16.3	39.0	58.4#
54	70.0	44.8	67.2#

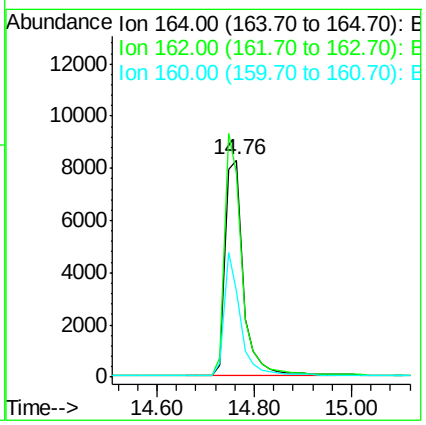


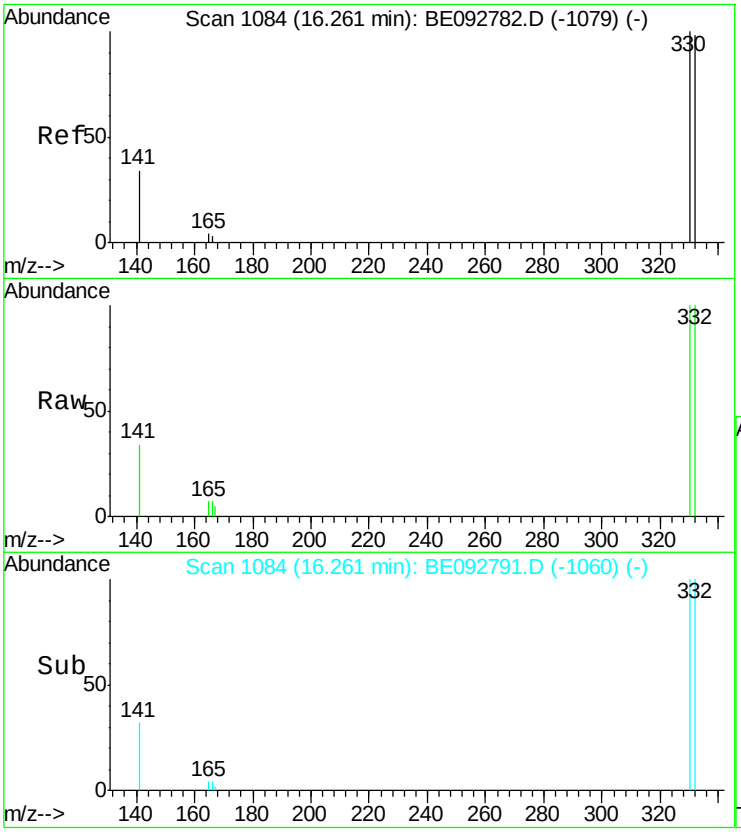


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.76 min Scan# 977
Delta R.T. 0.00 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Tgt Ion:164 Resp: 21775

Ion	Ratio	Lower	Upper
164	100		
162	93.8	71.4	107.0
160	39.5	27.4	41.2



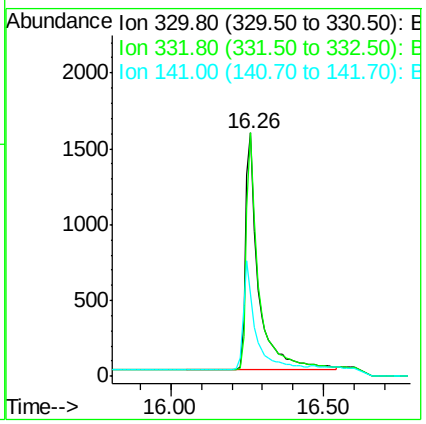


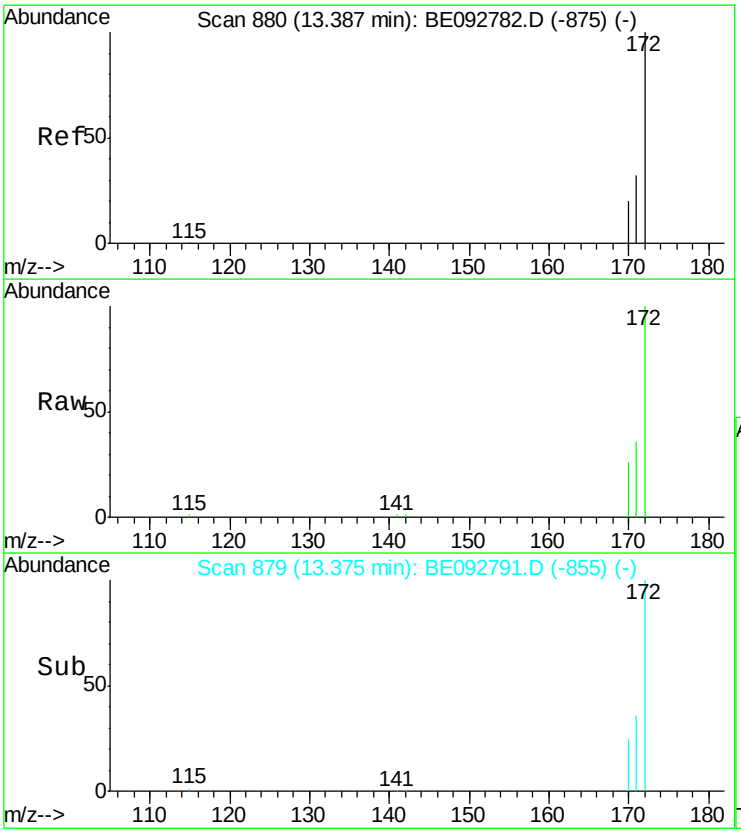
#13
2,4,6-Tribromophenol
Concen: 7.93 ng
RT: 16.26 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Instrument :
BNA_E
ClientSampleId :
PB97289BL

Tgt Ion:330 Resp: 4543

Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.4	113.0
141	42.6	31.0	46.6

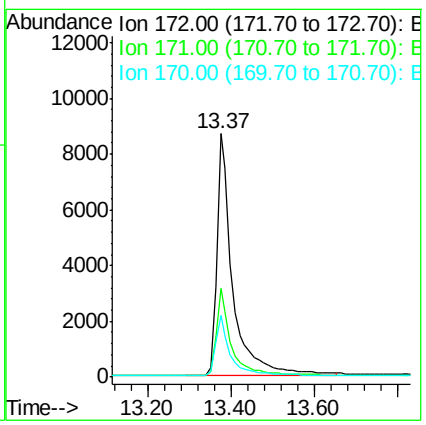


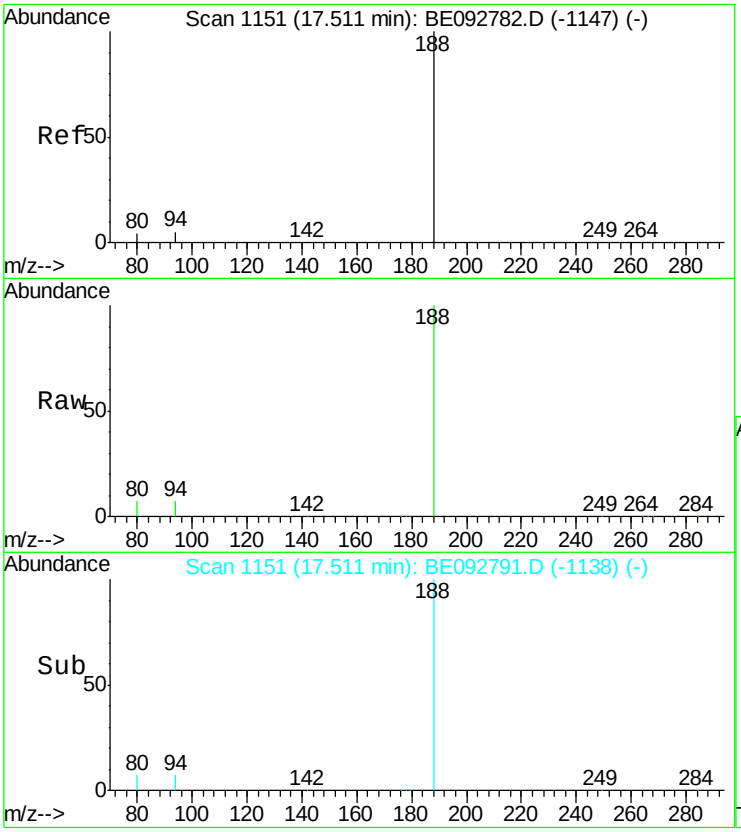


#14
2-Fluorobiphenyl
Concen: 4.57 ng
RT: 13.37 min Scan# 879
Delta R.T. -0.02 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Tgt Ion:172 Resp: 23473

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.1	45.1
170	25.6	21.8	32.6



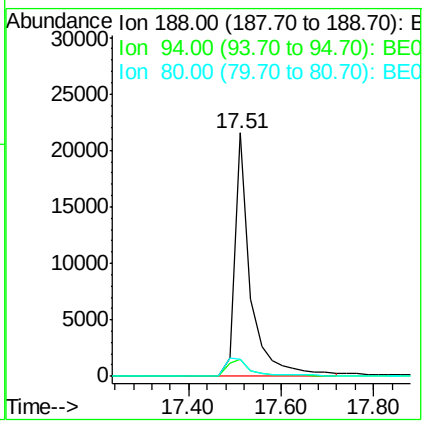


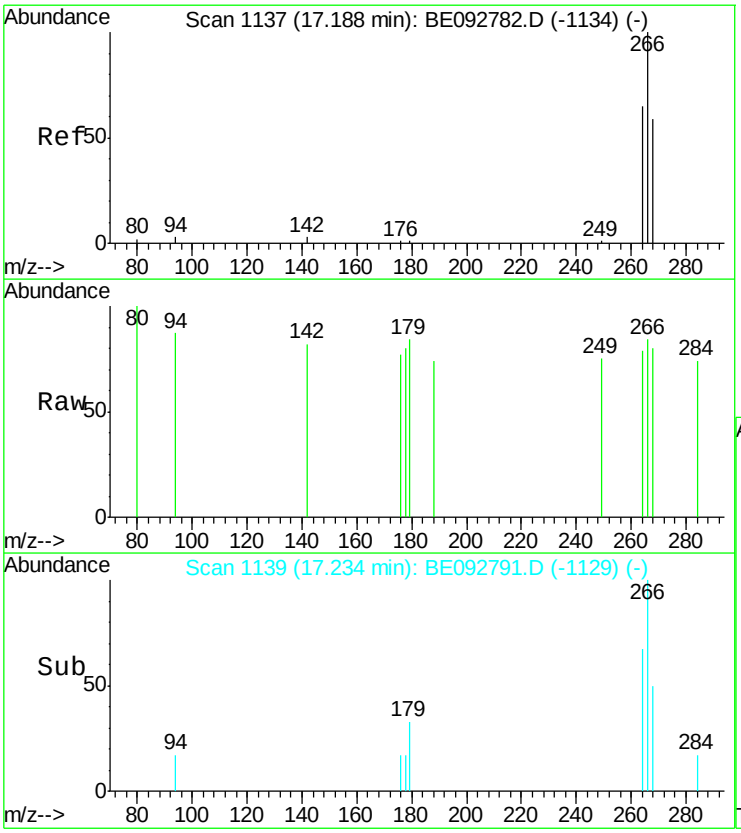
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Instrument :
BNA_E
ClientSampleId :
PB97289BL

Tgt Ion:188 Resp: 50762

Ion	Ratio	Lower	Upper
188	100		
94	7.3	3.2	4.8#
80	7.2	2.6	3.8#

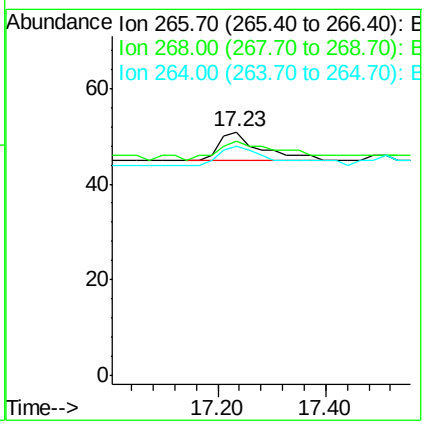


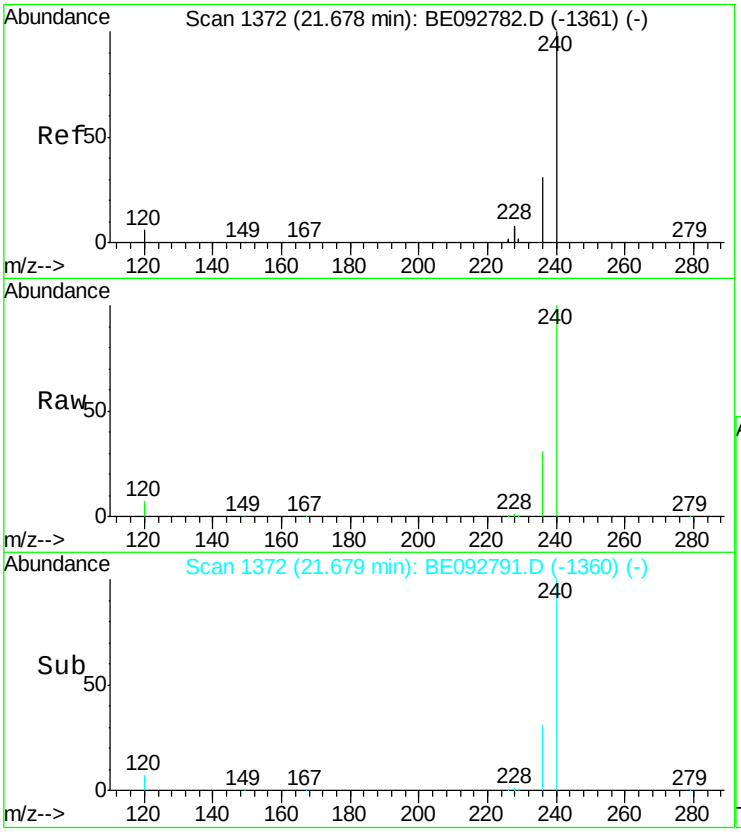


#20
Pentachlorophenol
Concen: 0.12 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.07 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Tgt Ion:266 Resp: 30

Ion	Ratio	Lower	Upper
266	100		
268	96.1	62.5	93.7#
264	94.1	57.2	85.8#



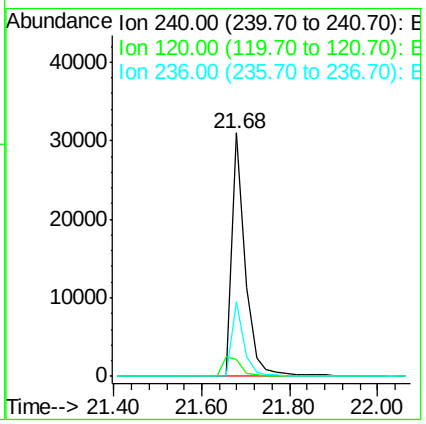


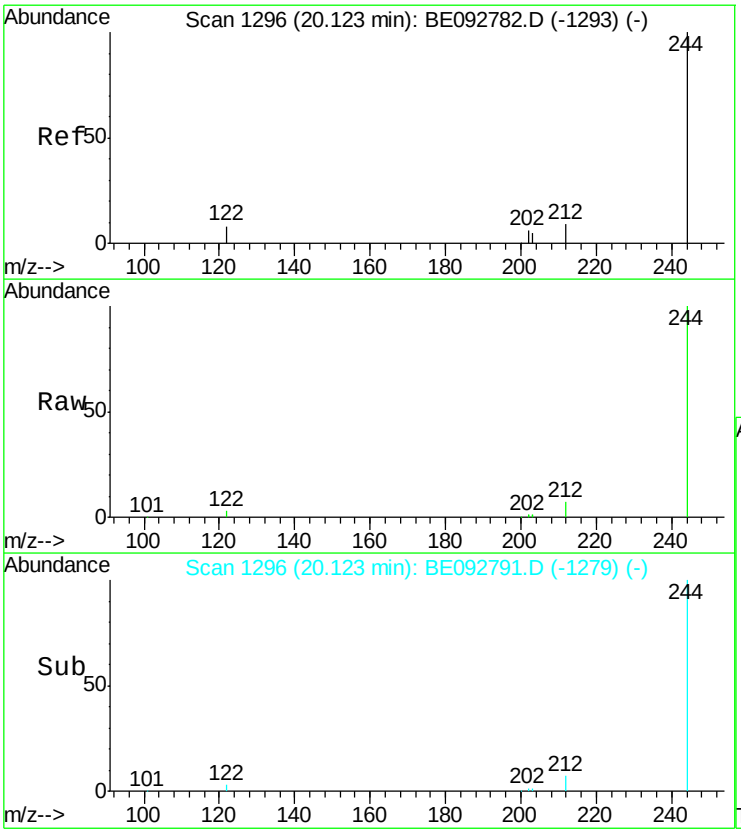
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Instrument :
BNA_E
ClientSampleId :
PB97289BL

Tgt Ion:240 Resp: 63363

Ion	Ratio	Lower	Upper
240	100		
120	7.0	2.6	4.0#
236	30.8	24.6	37.0

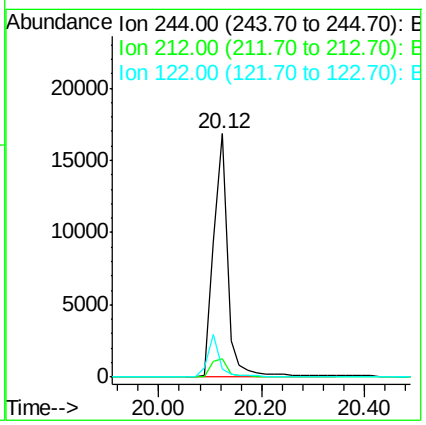


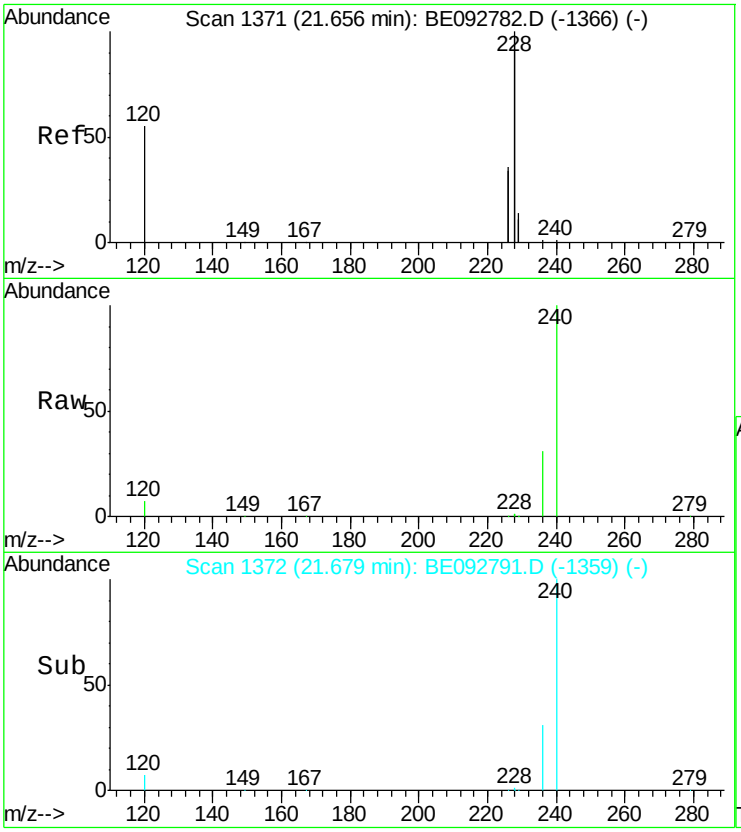


#26
Terphenyl-d14
Concen: 4.15 ng
RT: 20.12 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Tgt Ion:244 Resp: 31728

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.7	10.1
122	3.4	3.6	5.4#



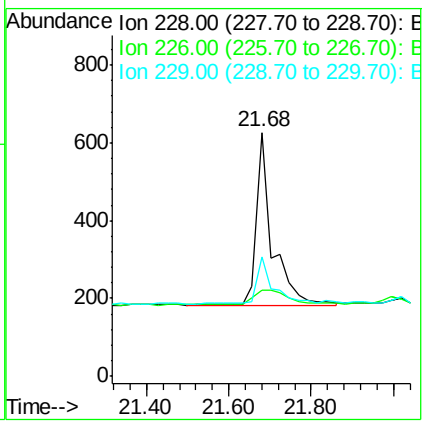


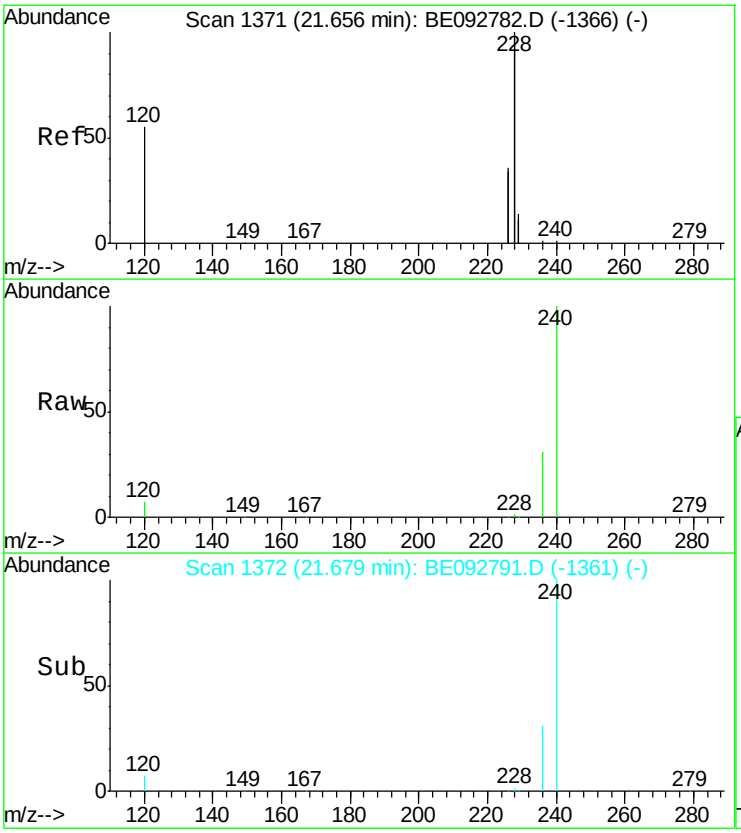
#27
Benzo(a)anthracene
Concen: 0.09 ng
RT: 21.68 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Instrument :
BNA_E
ClientSampleId :
PB97289BL

Tgt Ion:228 Resp: 1204

Ion	Ratio	Lower	Upper
228	100		
226	35.5	23.6	35.4#
229	49.2	13.3	19.9#

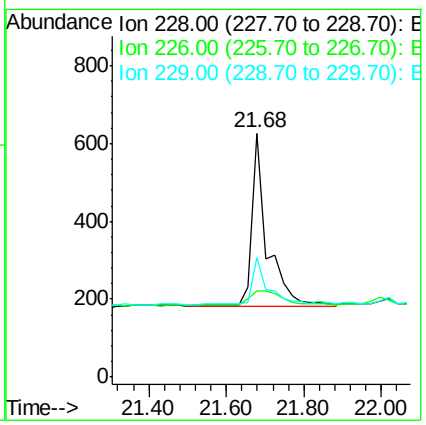


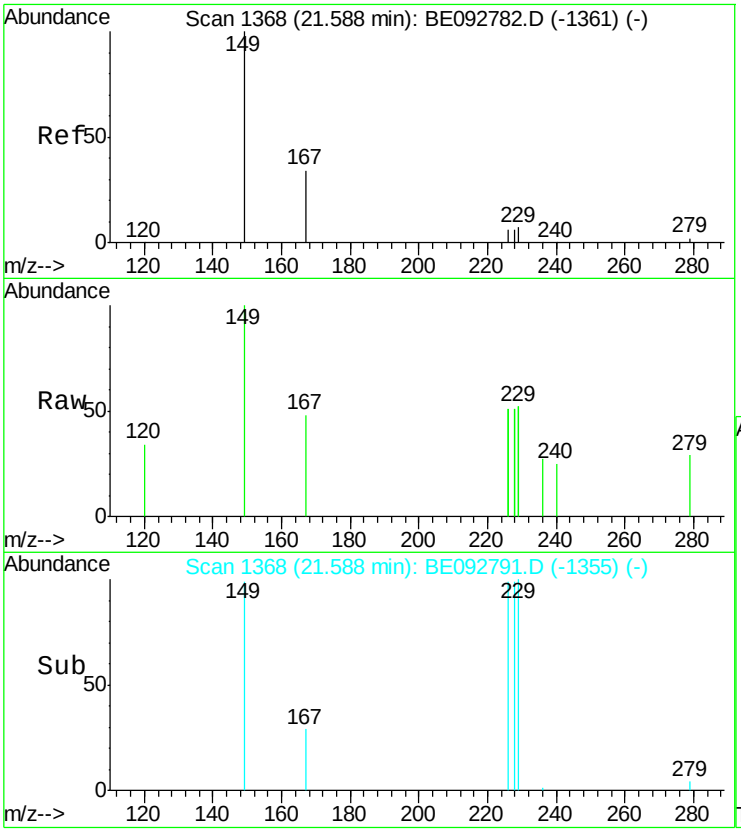


#28
Chrysene
Concen: 0.02 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.04 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Tgt Ion:228 Resp: 1214

Ion	Ratio	Lower	Upper
228	100		
226	35.5	36.3	54.5#
229	49.2	10.6	16.0#



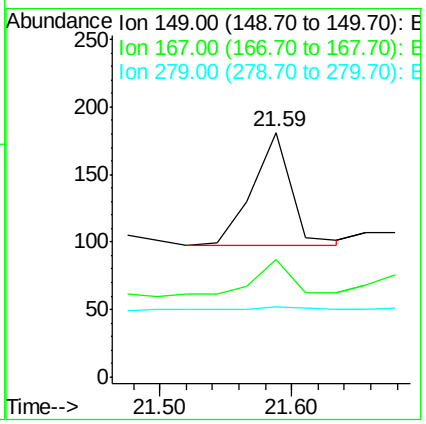


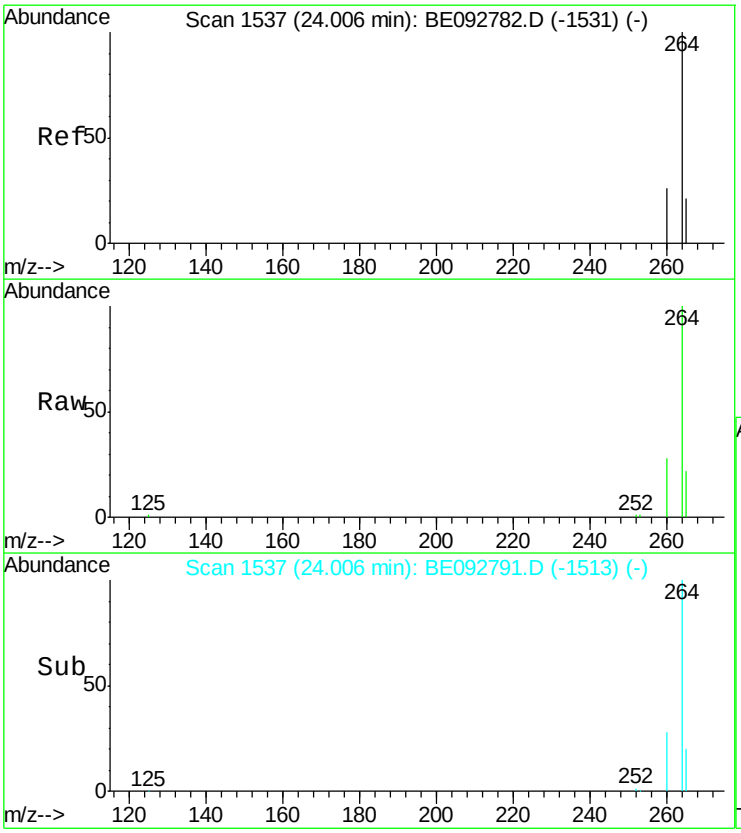
#29
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.59 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Instrument :
BNA_E
ClientSampleId :
PB97289BL

Tgt Ion:149 Resp: 175

Ion	Ratio	Lower	Upper
149	100		
167	30.9	16.0	24.0#
279	16.6	16.0	24.0

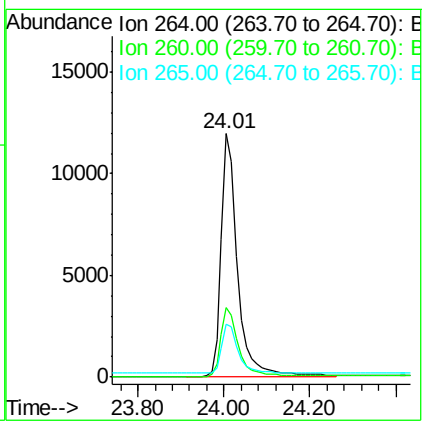


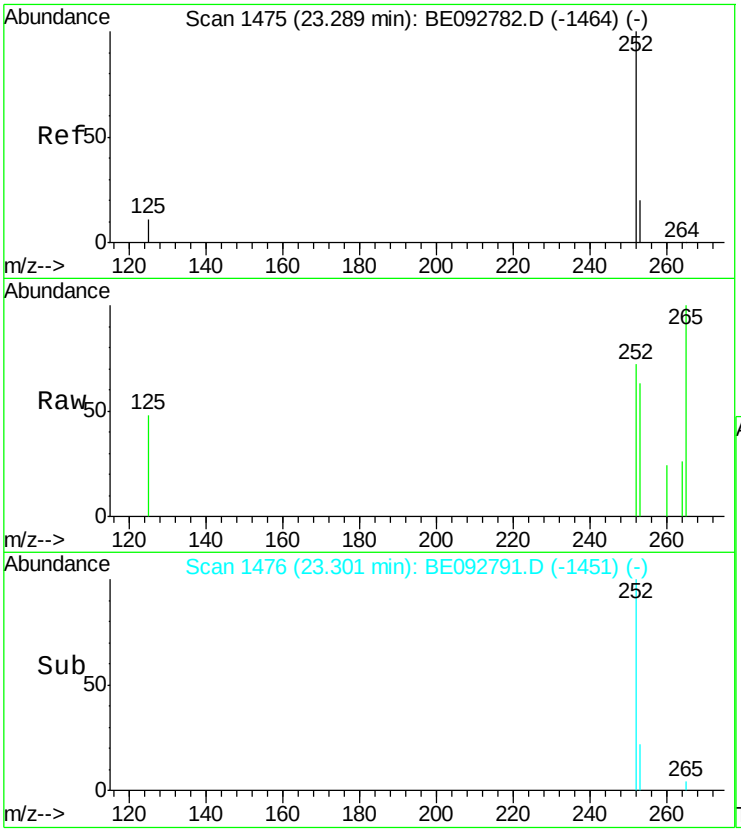


#31
Perylene-d12
Concen: 5.00 ng
RT: 24.01 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Tgt Ion:264 Resp: 31327

Ion	Ratio	Lower	Upper
264	100		
260	28.5	20.1	30.1
265	22.0	17.9	26.9



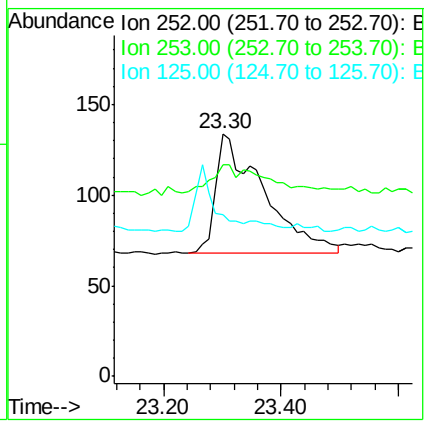


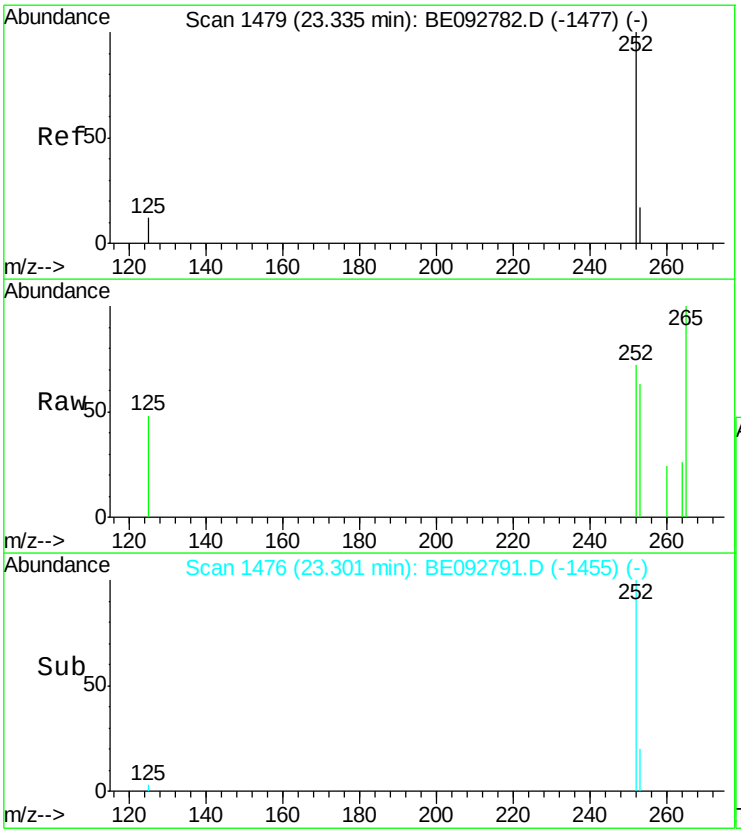
#32
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 23.30 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Instrument :
BNA_E
ClientSampleId :
PB97289BL

Tgt Ion:252 Resp: 371

Ion	Ratio	Lower	Upper
252	100		
253	87.3	18.7	28.1#
125	66.4	10.5	15.7#

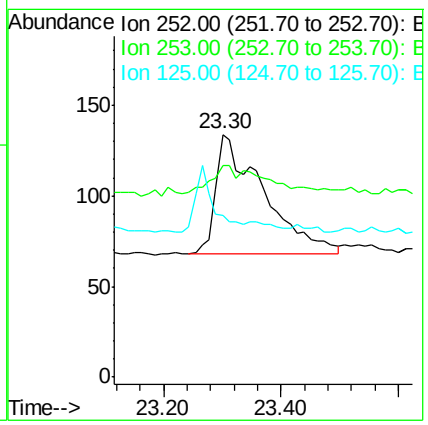


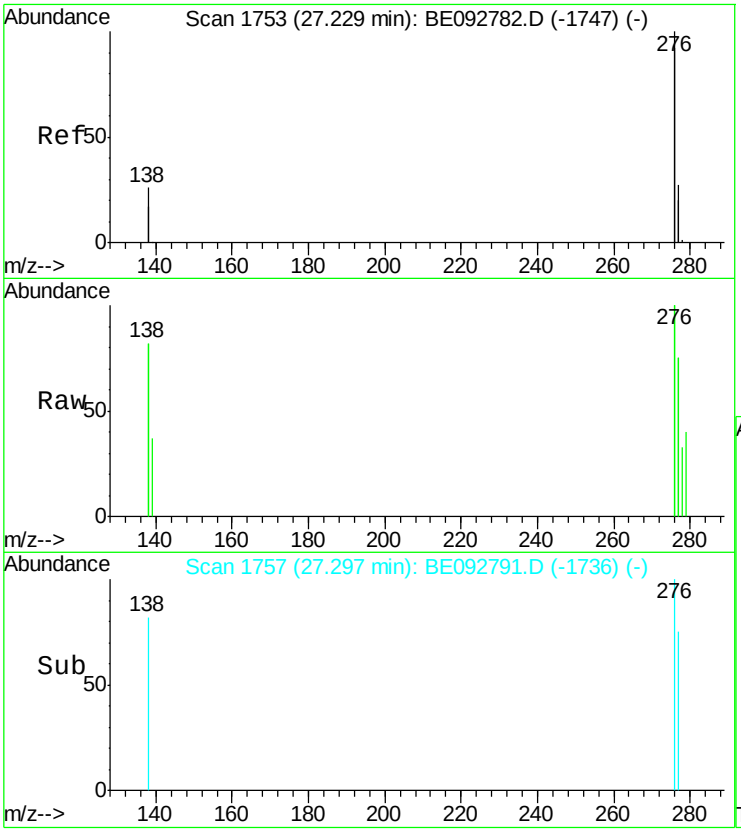


#33
Benzo(k)fluoranthene
Concen: 0.04 ng
RT: 23.30 min Scan# 1476
Delta R.T. -0.06 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Tgt Ion:252 Resp: 371

Ion	Ratio	Lower	Upper
252	100		
253	87.3	20.3	30.5#
125	66.4	9.6	14.4#





#36
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 27.30 min Scan# 1757
Delta R.T. 0.05 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Instrument :
BNA_E
ClientSampleId :
PB97289BL

Tgt Ion:276 Resp: 707

Ion	Ratio	Lower	Upper
276	100		
277	75.0	19.8	29.8#
138	81.9	19.8	29.6#