Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122716\
Data File : BE092628.D
Acq On : 27 Dec 2016 19:48
Operator : UM/SJ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Dec 28 01:26:53 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 19 16:16:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9100	5.00	ng		0.00
7) Naphthalene-d8	10.93	136	44876	5.00	ng		0.00
12) Acenaphthene-d10	14.80	164	32017	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	71240	5.00	ng		0.00
24) Chrysene-d12	21.72	240	91215	5.00	ng		0.00
31) Perylene-d12	24.08	264	81446	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.69	112	500	0.43	ng		0.00
5) Phenol-d6	7.36	99	717	0.43	ng		-0.02
8) Nitrobenzene-d5	9.36	82	901	0.46	ng		0.00
13) 2,4,6-Tribromophenol	16.31	330	244	0.43	ng		0.00
14) 2-Fluorobiphenyl	13.43	172	2992	0.39	ng		0.00
26) Terphenyl-d14	20.16	244	4285	0.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	590	0.41	ng		92
3) n-Nitrosodimethylamine	3.80	42	432	0.47	ng	#	88
6) bis(2-Chloroethyl)ether	7.59	93	717	0.37	ng	#	83
9) Naphthalene	10.97	128	3640	0.40	ng		97
10) Hexachlorobutadiene	11.26	225	572	0.41	ng		99
11) 2-Methylnaphthalene	12.64	142	2220	0.38	ng		93
15) Acenaphthylene	14.51	152	16845	0.38	ng		100
16) Acenaphthene	14.85	154	2858	0.39	ng		95
17) Fluorene	15.84	166	3540	0.40	ng		99
19) Hexachlorobenzene	16.86	284	2442	0.80	ng	#	58
20) Pentachlorophenol	17.23	266	163	0.41	ng		94
21) Phenanthrene	17.58	178	6676	0.37	ng	#	95
22) Anthracene	17.69	178	5812	0.35	ng		99
23) Fluoranthene	19.59	202	28606	0.37	ng		100
25) Pyrene	19.95	202	30172	0.38	ng		100
27) Benzo(a)anthracene	21.75	228	69045	0.84	ng		95
28) Chrysene	21.75	228	69339	0.73	ng	#	84
29) Bis(2-ethylhexyl)phthalate	21.61	149	2699	0.39	ng	#	76
30) Indeno(1,2,3-cd)pyrene	26.56	276	31420	0.37	ng		99
32) Benzo(b)fluoranthene	23.35	252	7082	0.38	ng		98
33) Benzo(k)fluoranthene	23.39	252	8106	0.39	ng		97
34) Benzo(a)pyrene	23.96	252	6805	0.38	ng		99
35) Dibenzo(a,h)anthracene	26.58	278	6127	0.36	ng	#	94
36) Benzo(g,h,i)perylene	27.33	276	27273	0.37	ng		98

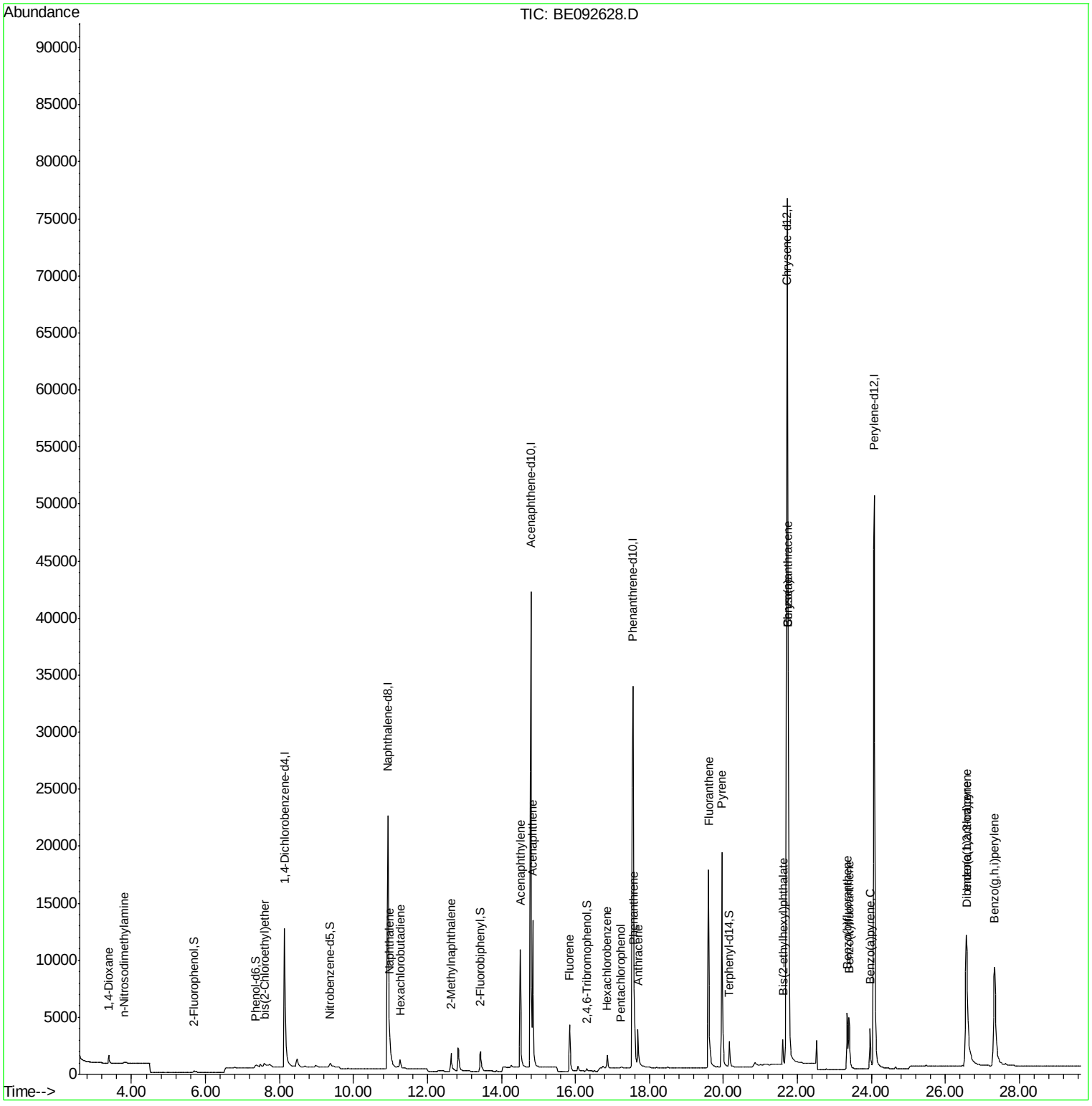
(#) = qualifier out of range (m) = manual integration (+) = signals summed

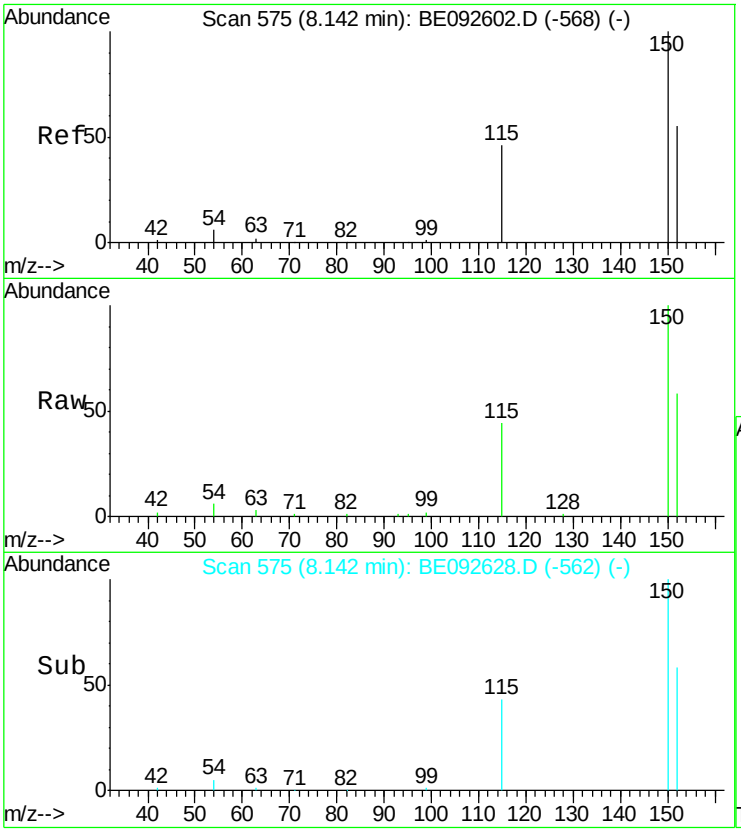
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122716\
Data File : BE092628.D
Acq On : 27 Dec 2016 19:48
Operator : UM/SJ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 28 01:26:53 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 19 16:16:32 2016
Response via : Initial Calibration



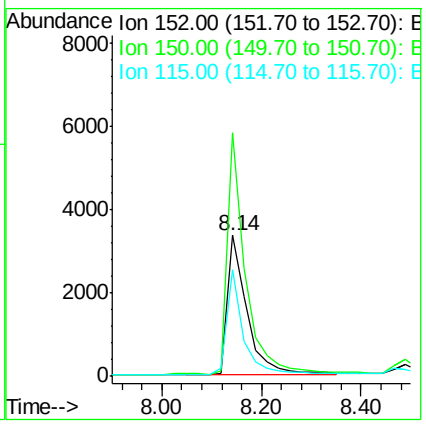


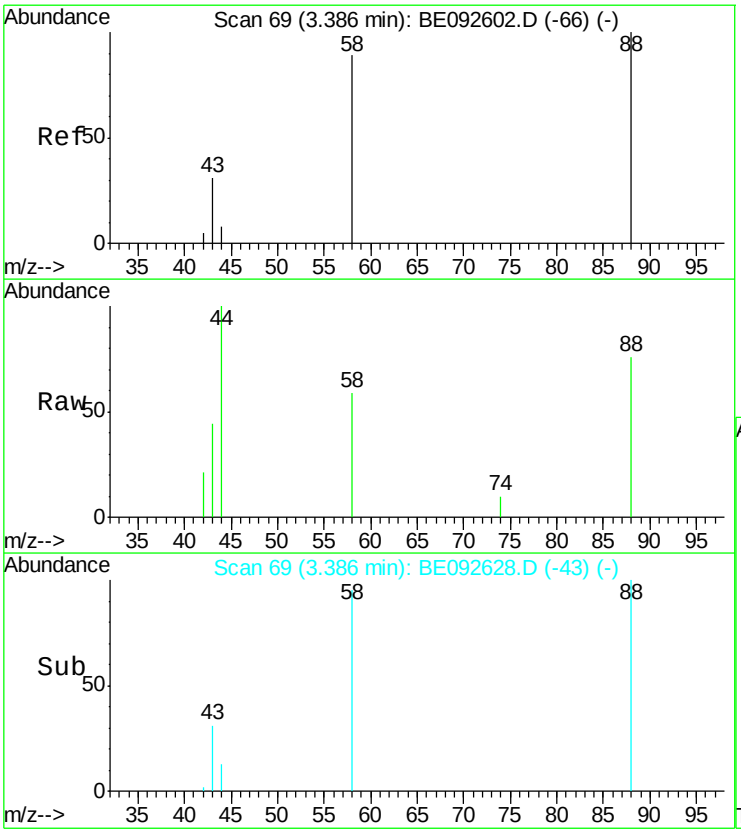
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9100

Ion	Ratio	Lower	Upper
152	100		
150	172.6	106.0	159.0#
115	75.7	31.2	46.8#

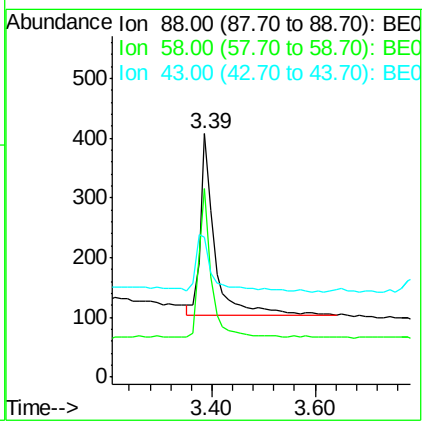


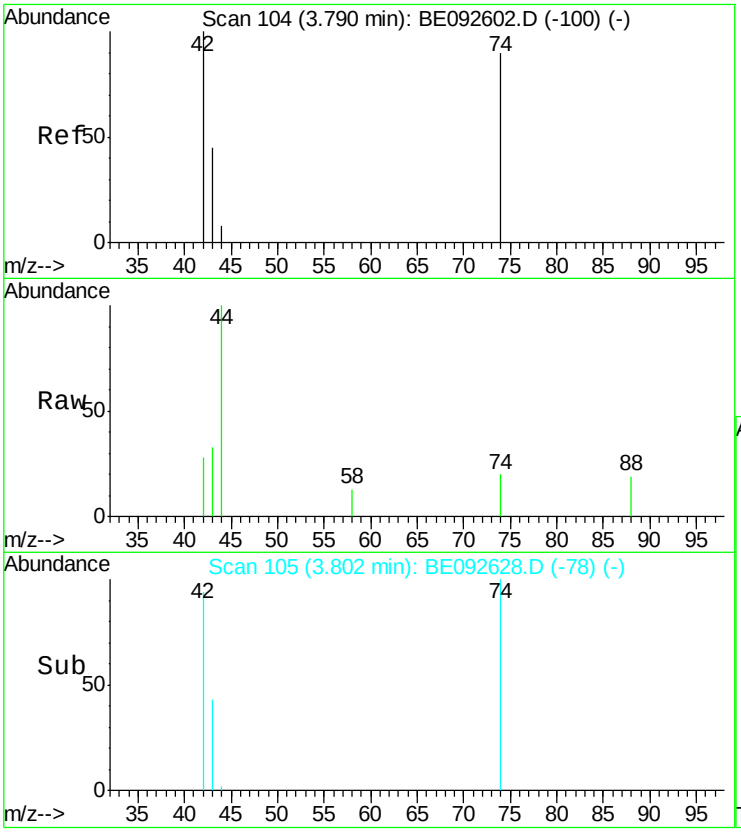


#2
1,4-Dioxane
Concen: 0.41 ng
RT: 3.39 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Tgt Ion: 88 Resp: 590

Ion	Ratio	Lower	Upper
88	100		
58	70.0	63.6	95.4
43	36.3	28.0	42.0



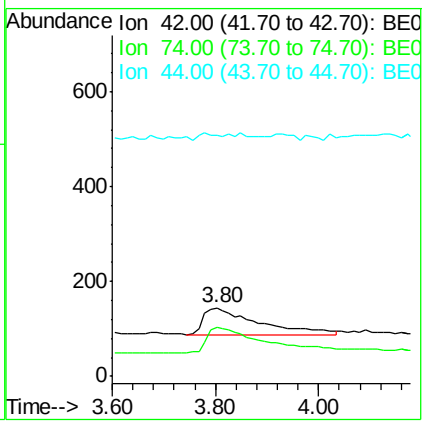


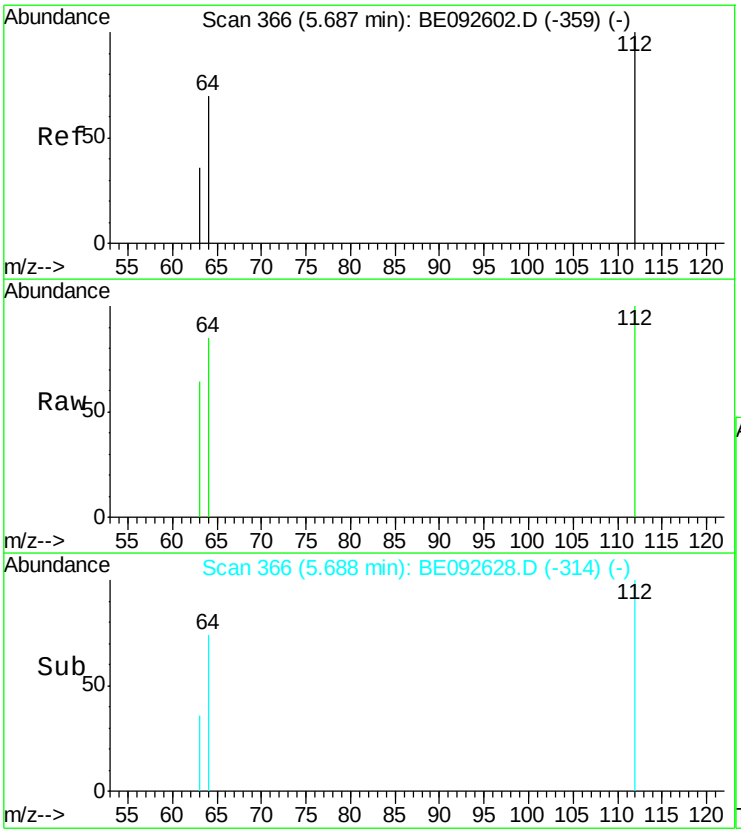
#3
n-Nitrosodimethylamine
Concen: 0.47 ng
RT: 3.80 min Scan# 105
Delta R.T. 0.01 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 432

Ion	Ratio	Lower	Upper
42	100		
74	95.4	86.0	129.0
44	0.0	5.1	7.7#

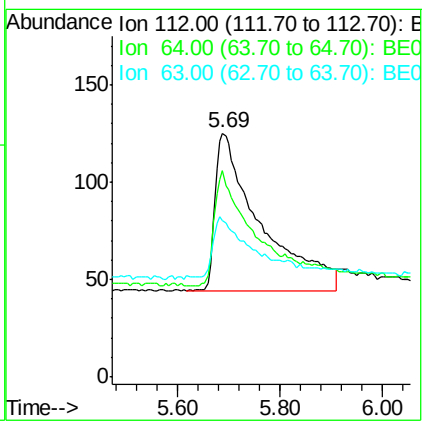


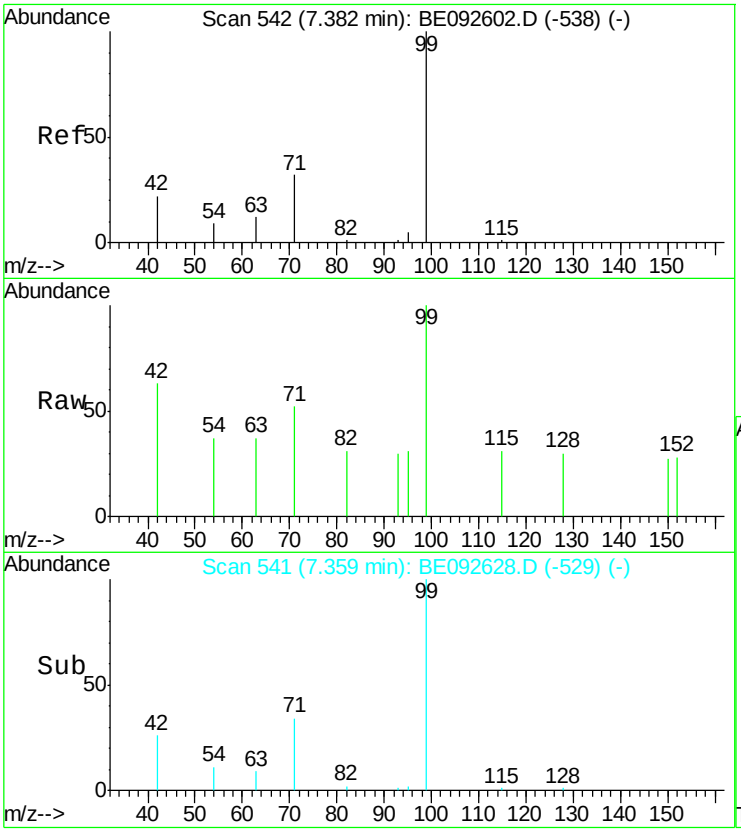


#4
2-Fluorophenol
Concen: 0.43 ng
RT: 5.69 min Scan# 366
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Tgt Ion:112 Resp: 500

Ion	Ratio	Lower	Upper
112	100		
64	70.6	53.5	80.3
63	30.8	27.9	41.9



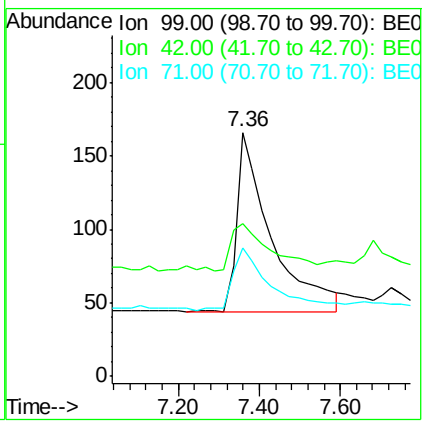


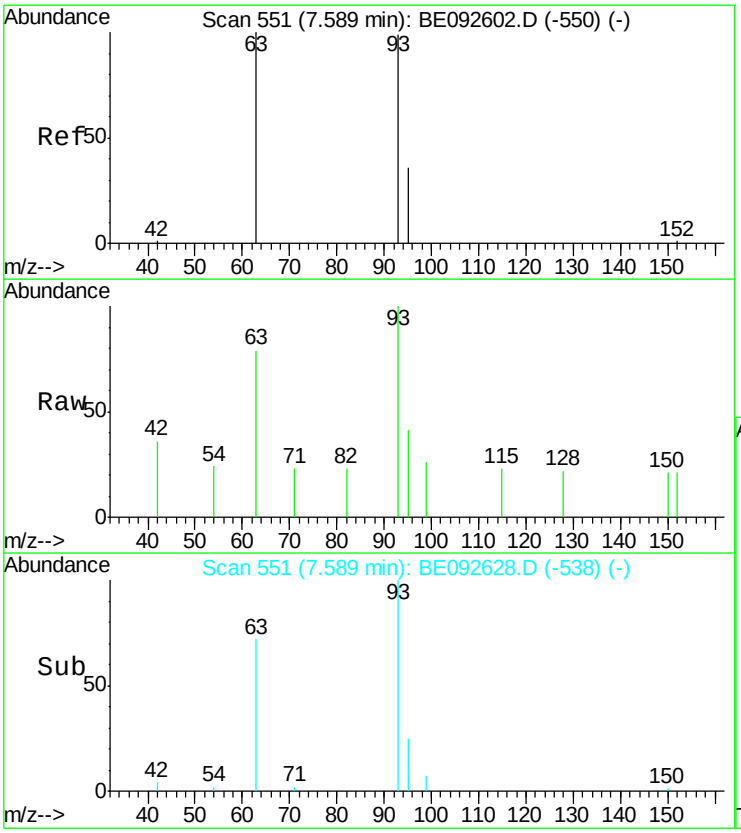
#5
Phenol-d6
Concen: 0.43 ng
RT: 7.36 min Scan# 541
Delta R.T. -0.02 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 717

Ion	Ratio	Lower	Upper
99	100		
42	30.1	16.0	24.0#
71	37.0	30.6	45.8

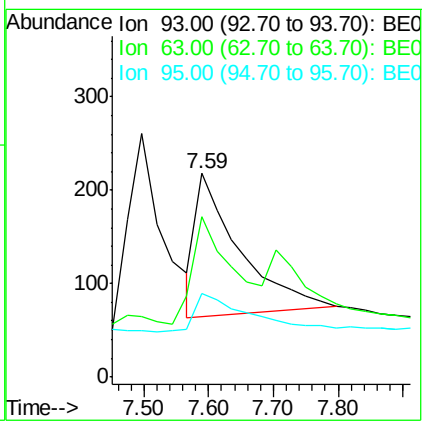


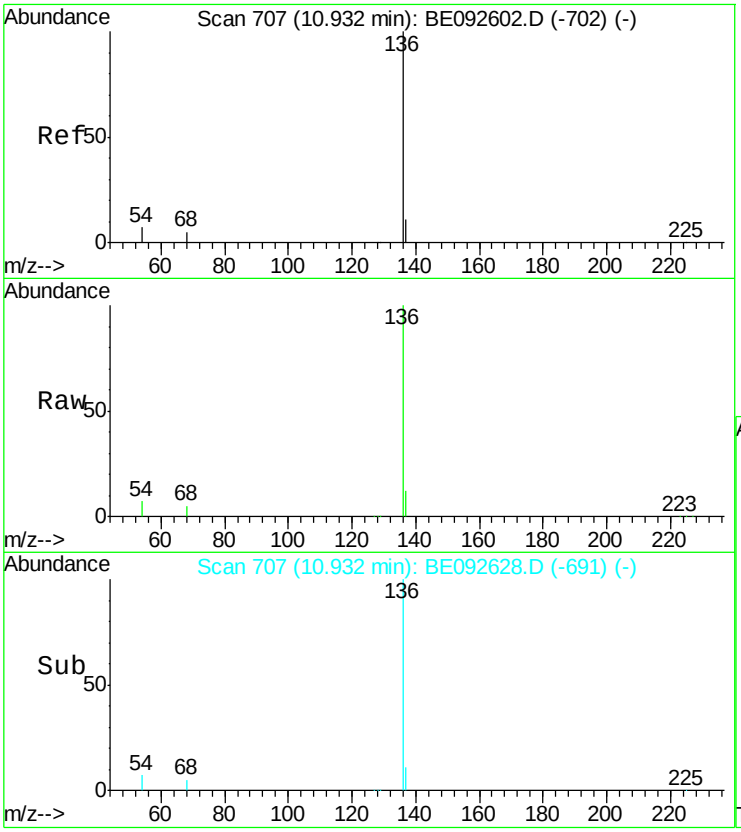


#6
bis(2-Chloroethyl)ether
Concen: 0.37 ng
RT: 7.59 min Scan# 551
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Tgt Ion: 93 Resp: 717

Ion	Ratio	Lower	Upper
93	100		
63	71.1	71.6	107.4#
95	35.1	24.0	36.0



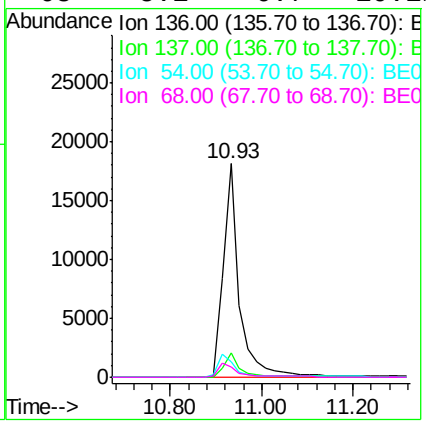


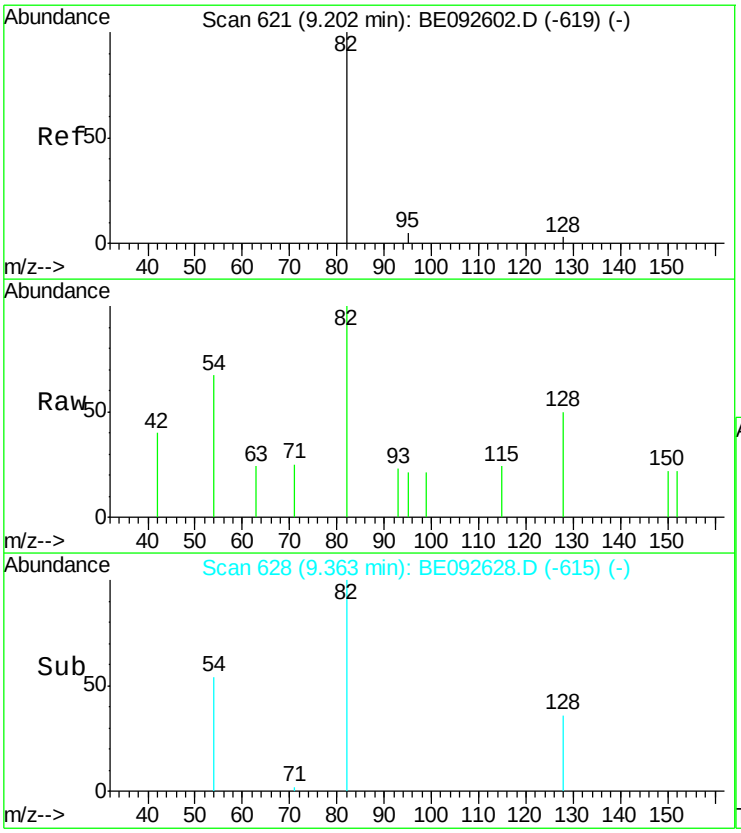
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.93 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 44876

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.2	12.4
54	7.0	9.6	14.4#
68	5.1	6.7	10.1#

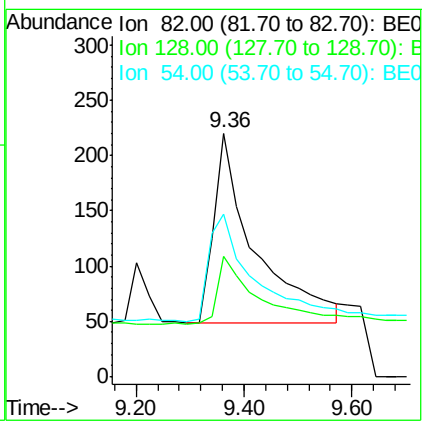


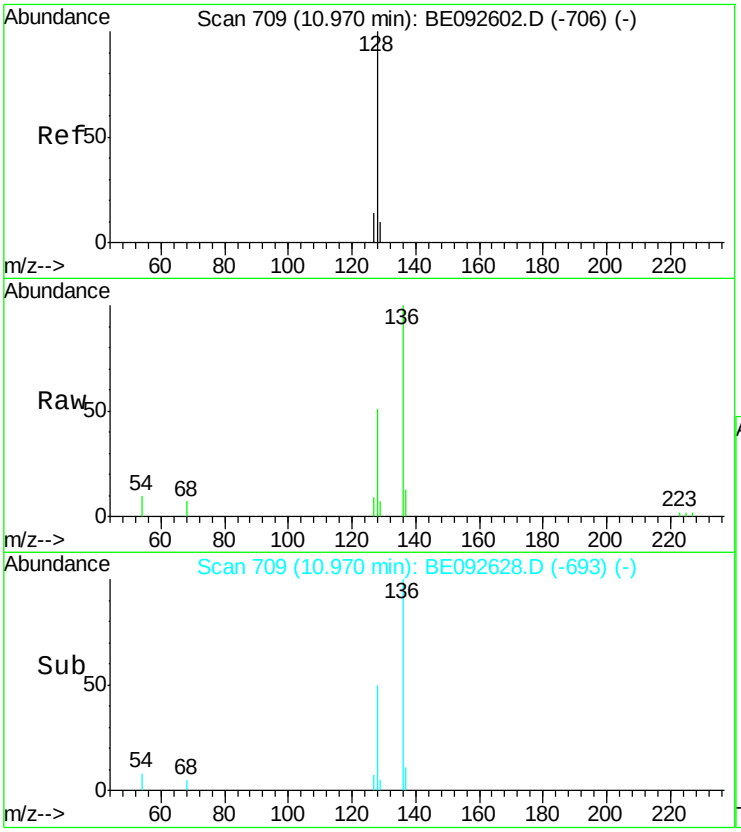


#8
Nitrobenzene-d5
Concen: 0.46 ng
RT: 9.36 min Scan# 628
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Tgt Ion: 82 Resp: 901

Ion	Ratio	Lower	Upper
82	100		
128	49.5	39.0	58.4
54	66.8	44.8	67.2



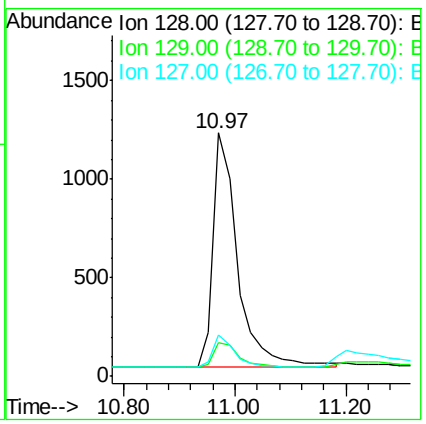


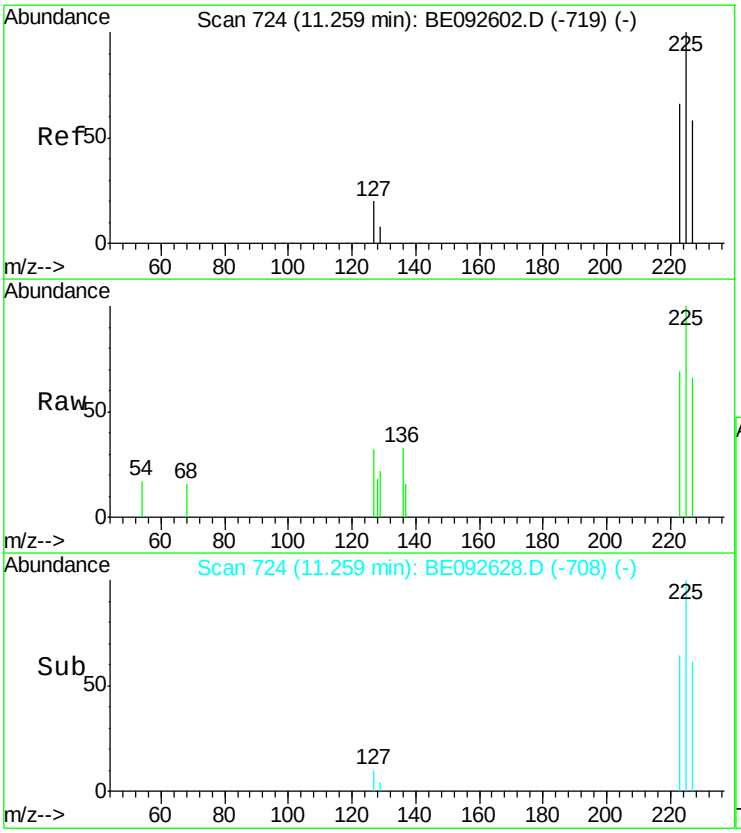
#9
Naphthalene
Concen: 0.40 ng
RT: 10.97 min Scan# 709
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 3640

Ion	Ratio	Lower	Upper
128	100		
129	13.8	11.2	16.8
127	16.8	11.6	17.4

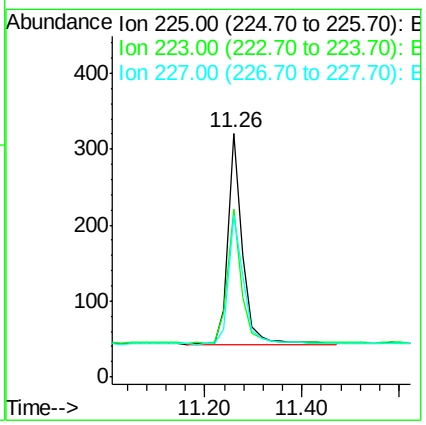


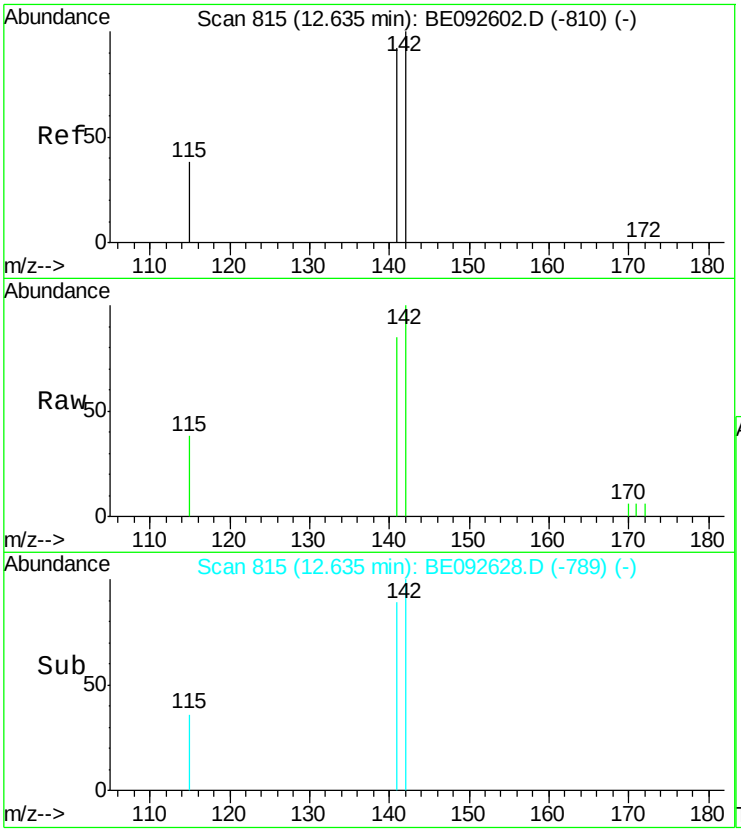


#10
Hexachlorobutadiene
Concen: 0.41 ng
RT: 11.26 min Scan# 724
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Tgt Ion:225 Resp: 572

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	64.5	51.4	77.0



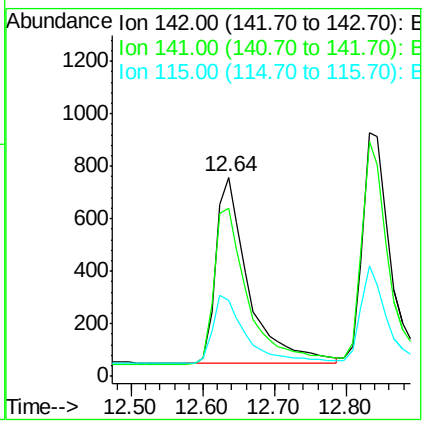


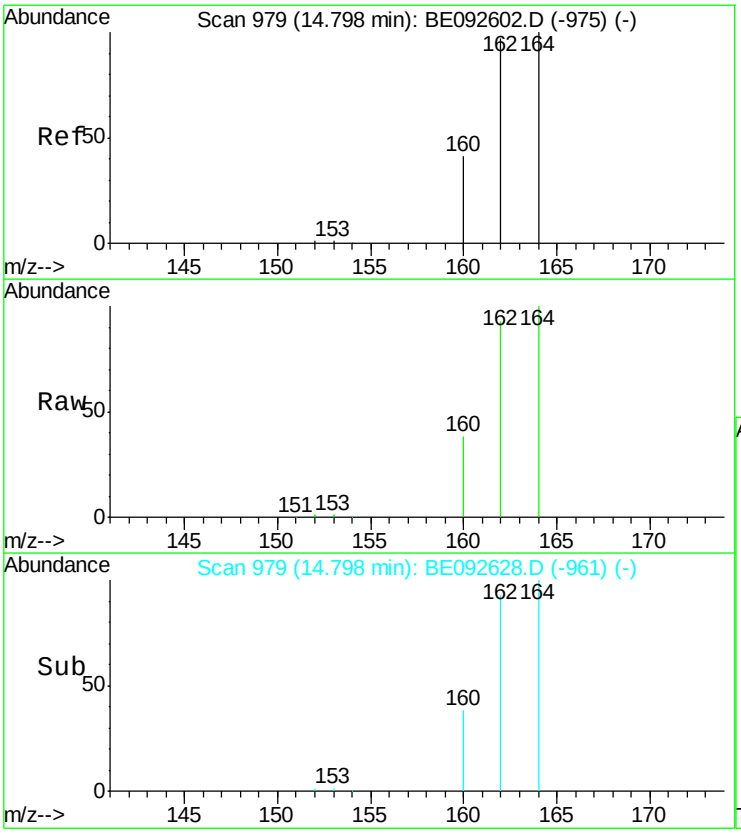
#11
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.64 min Scan# 815
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:142 Resp: 2220

Ion	Ratio	Lower	Upper
142	100		
141	84.7	73.7	110.5
115	38.3	34.0	51.0

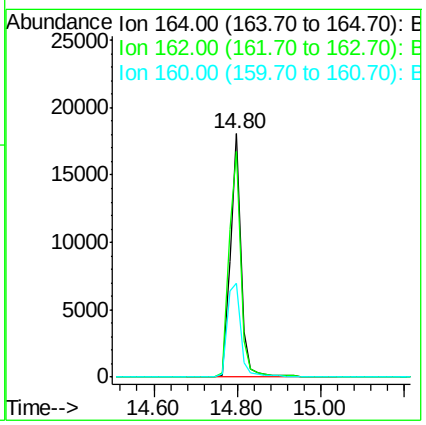


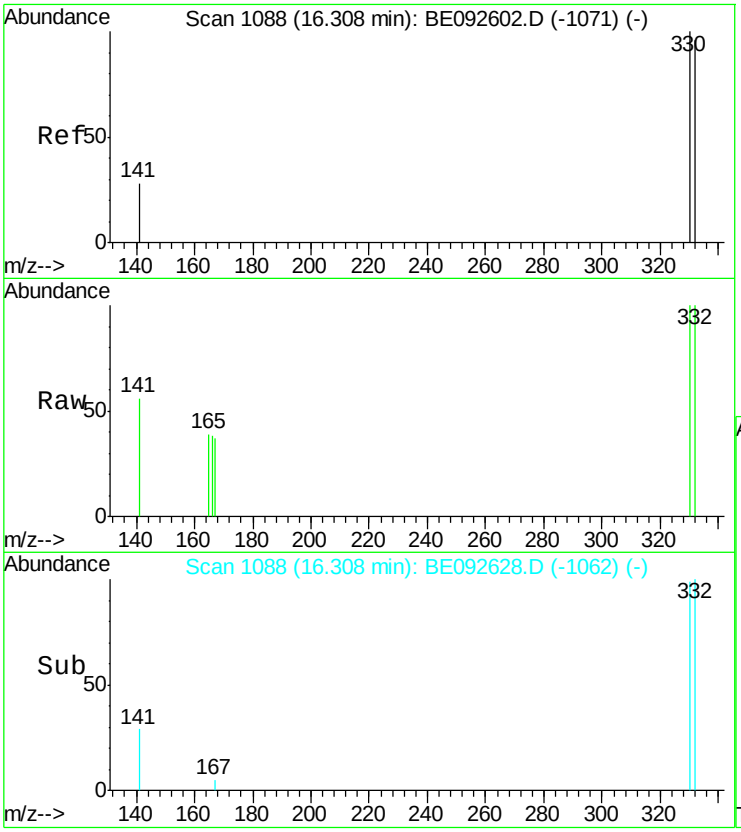


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 979
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Tgt Ion:164 Resp: 32017

Ion	Ratio	Lower	Upper
164	100		
162	92.9	71.4	107.0
160	38.4	27.4	41.2



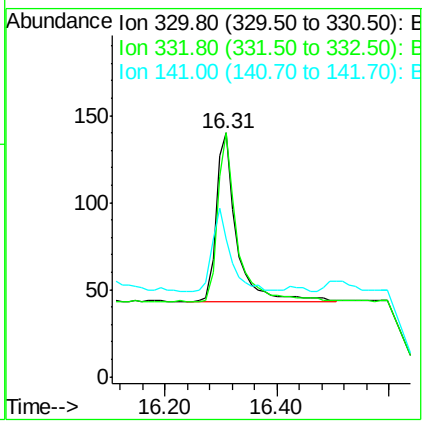


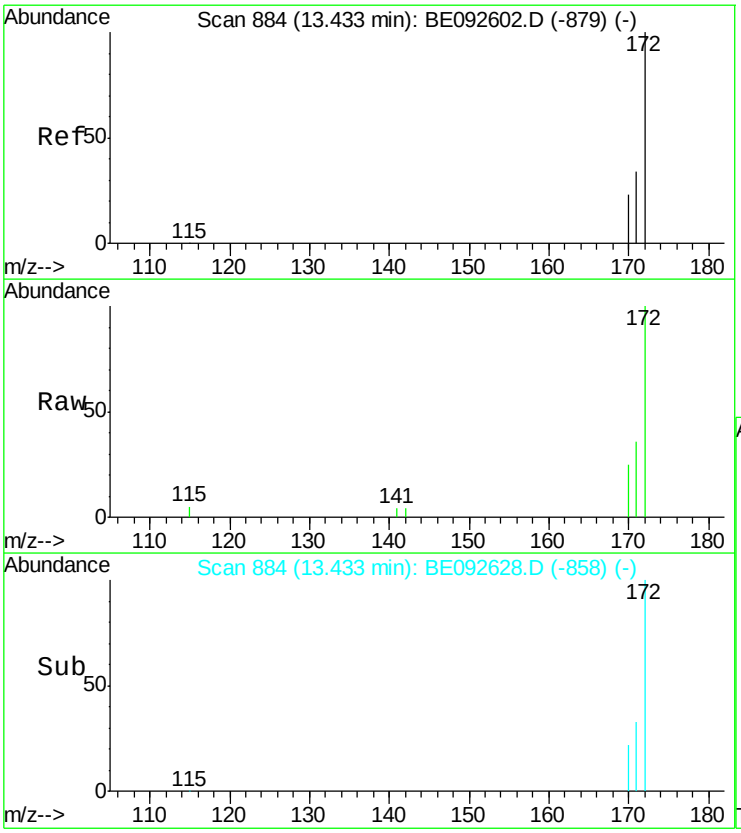
#13
2,4,6-Tribromophenol
Concen: 0.43 ng
RT: 16.31 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:330 Resp: 244

Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.4	113.0
141	43.4	31.0	46.6

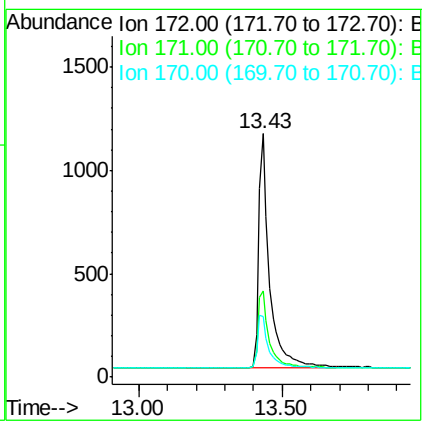


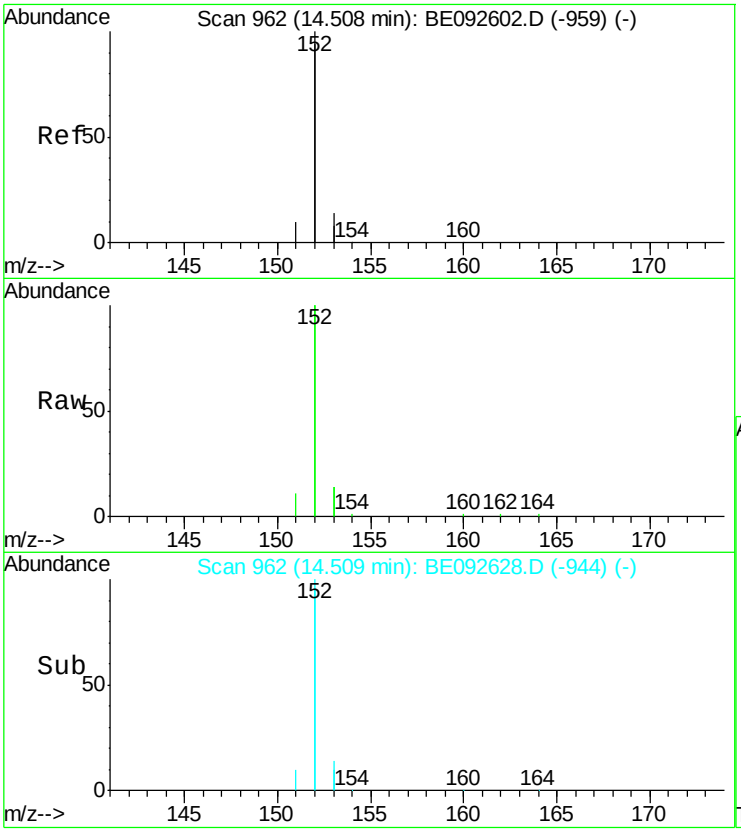


#14
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.43 min Scan# 884
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Tgt Ion:172 Resp: 2992

Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.1	45.1
170	24.7	21.8	32.6



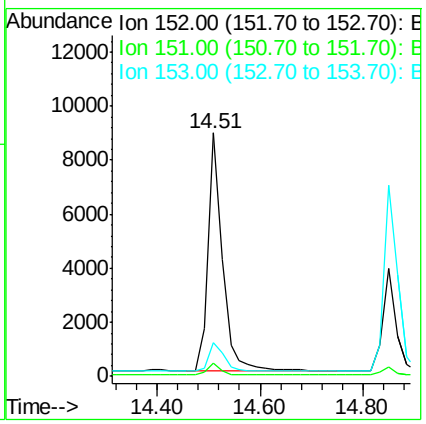


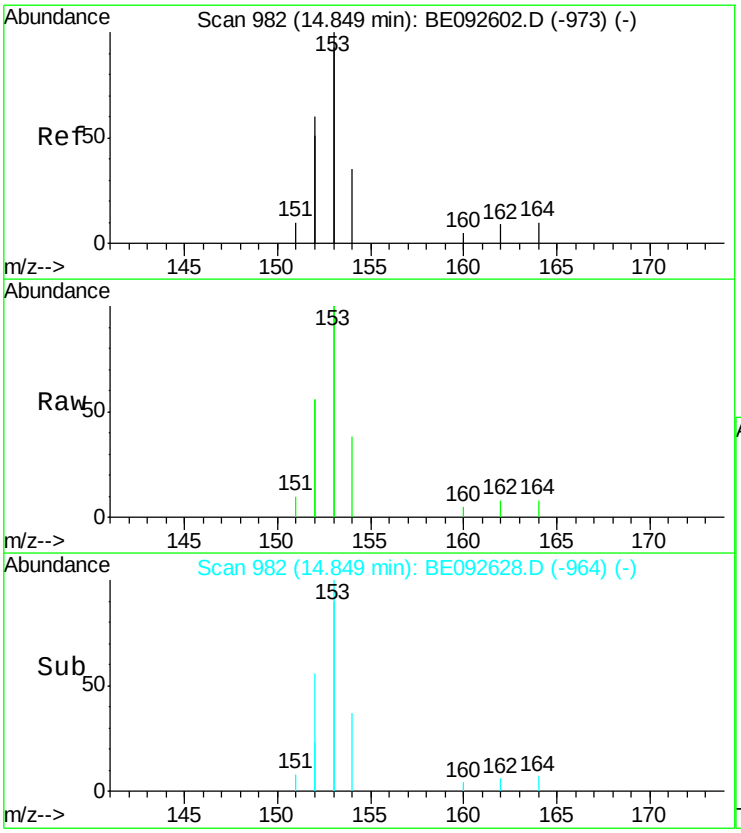
#15
Acenaphthylene
Concen: 0.38 ng
RT: 14.51 min Scan# 962
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 16845

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	13.2	10.4	15.6

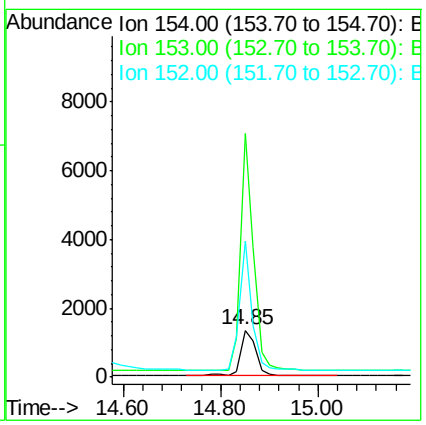


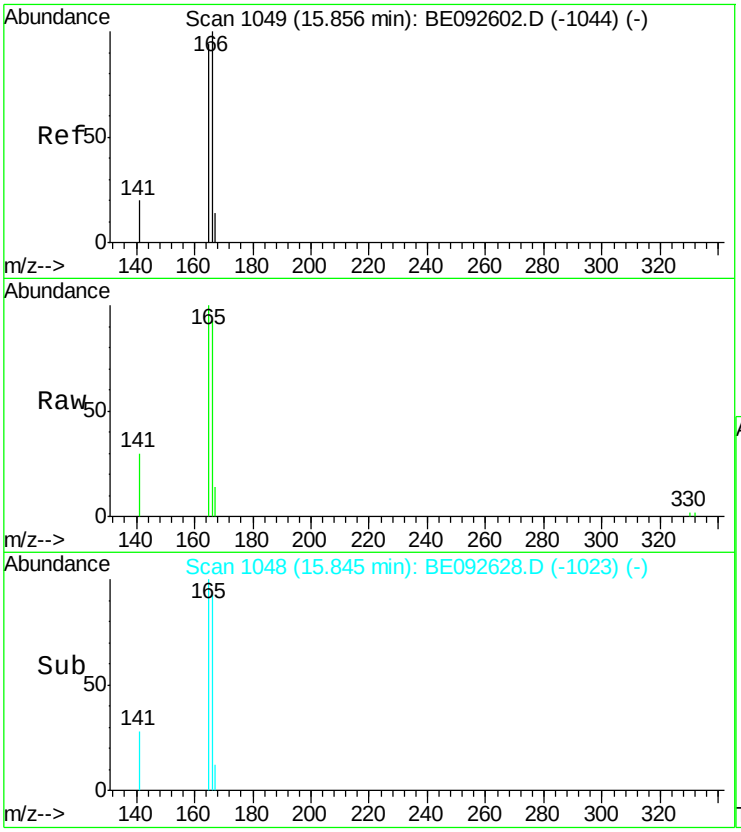


#16
Acenaphthene
Concen: 0.39 ng
RT: 14.85 min Scan# 982
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Tgt Ion:154 Resp: 2858

Ion	Ratio	Lower	Upper
154	100		
153	442.8	350.8	526.2
152	232.2	171.1	256.7



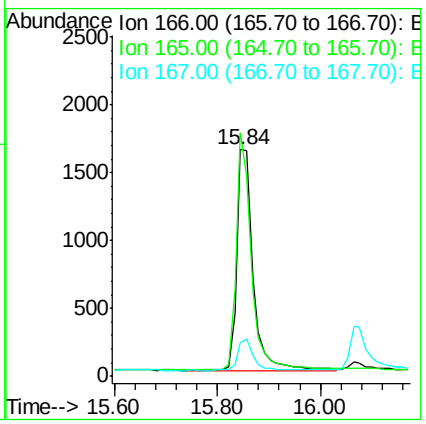


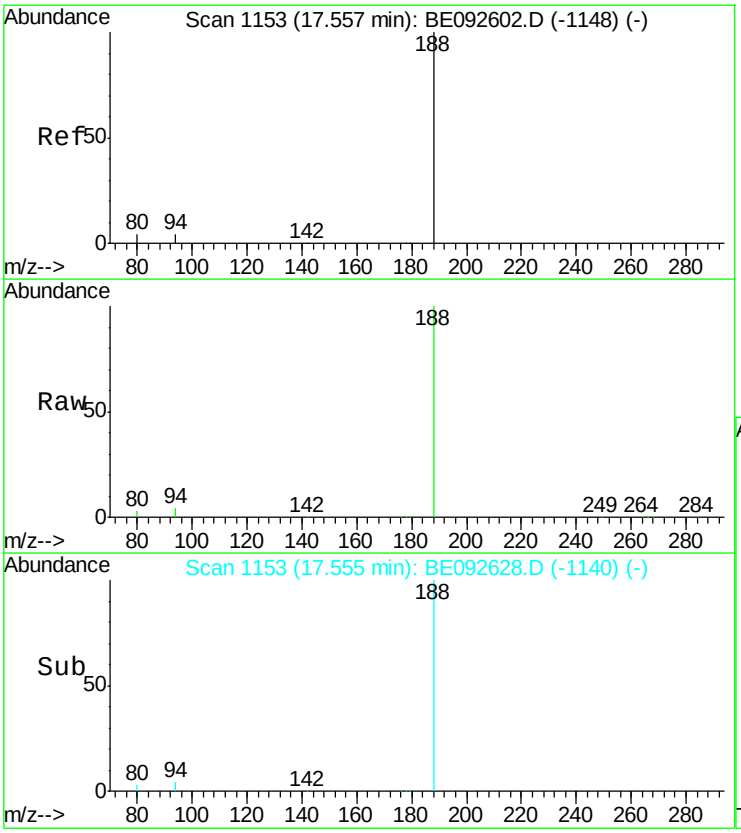
#17
Fluorene
Concen: 0.40 ng
RT: 15.84 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:166 Resp: 3540

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.2	117.4
167	13.6	11.0	16.4

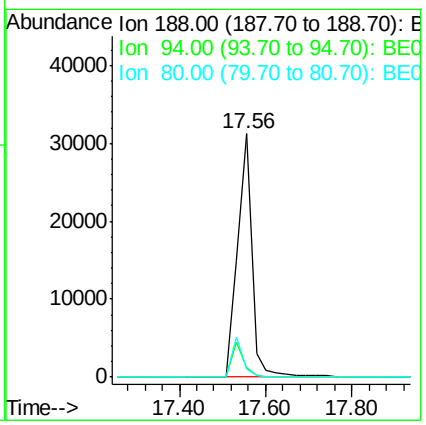


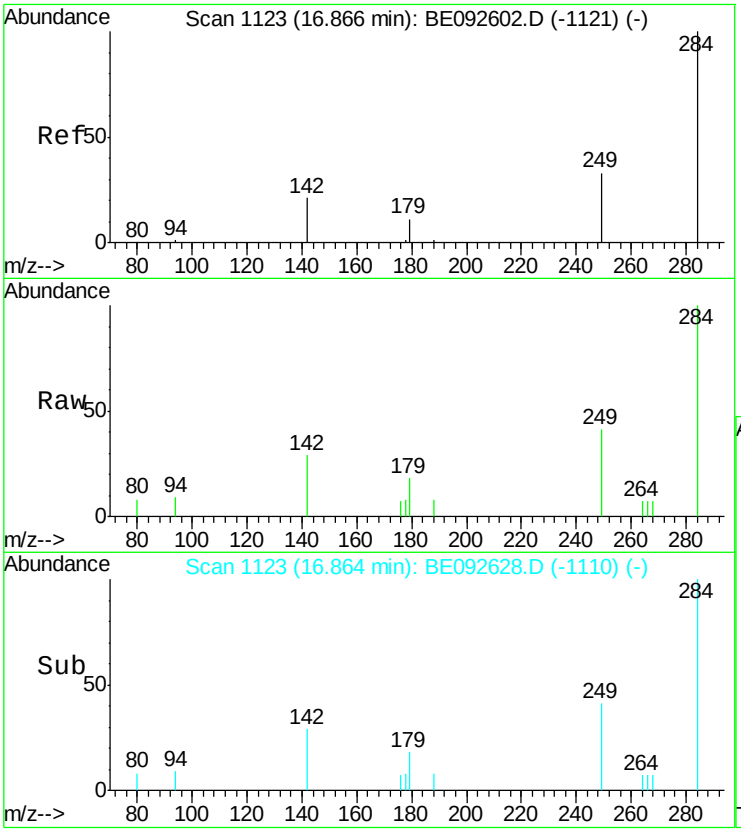


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Tgt Ion:188 Resp: 71240

Ion	Ratio	Lower	Upper
188	100		
94	3.8	3.2	4.8
80	3.4	2.6	3.8



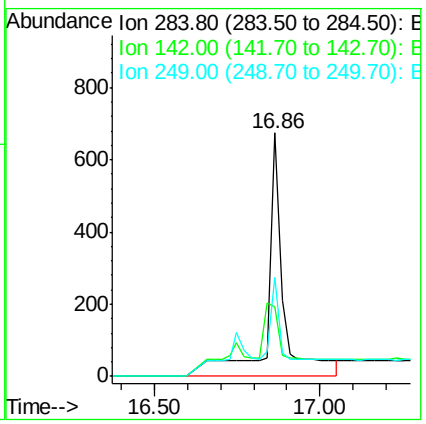


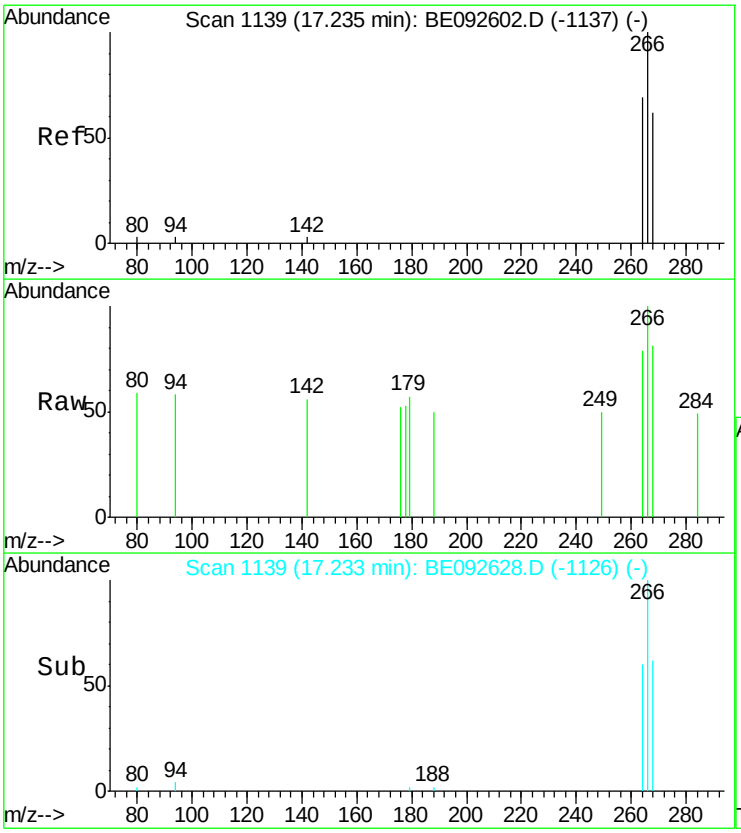
#19
Hexachlorobenzene
Concen: 0.80 ng
RT: 16.86 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 2442

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	22.9	27.9	41.9#

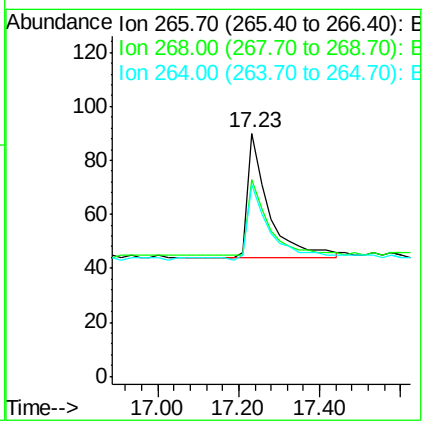


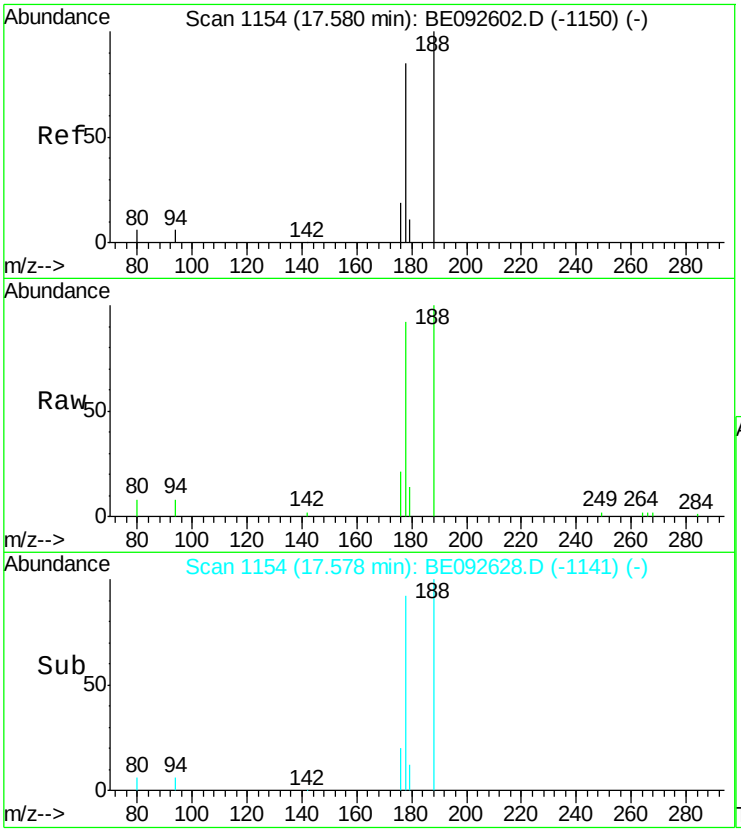


#20
Pentachlorophenol
Concen: 0.41 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Tgt Ion:266 Resp: 163

Ion	Ratio	Lower	Upper
266	100		
268	81.1	62.5	93.7
264	78.9	57.2	85.8



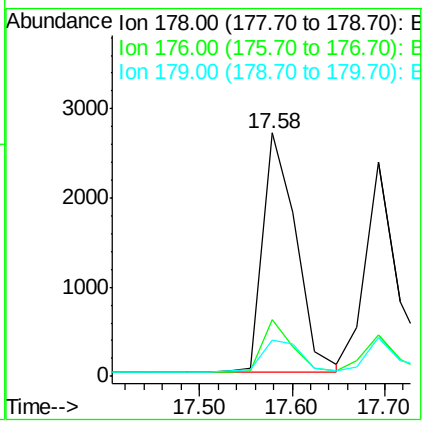


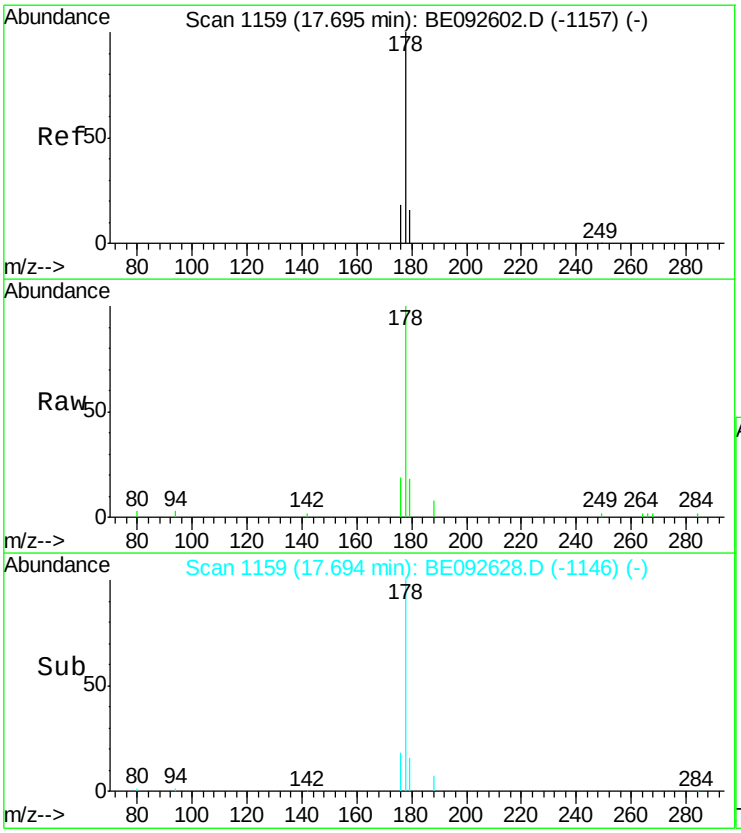
#21
Phenanthrene
Concen: 0.37 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 6676

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.9	16.0	24.0#

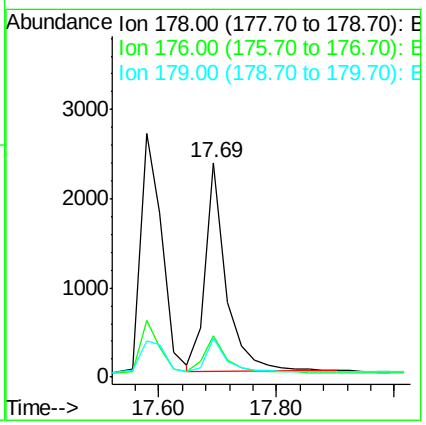


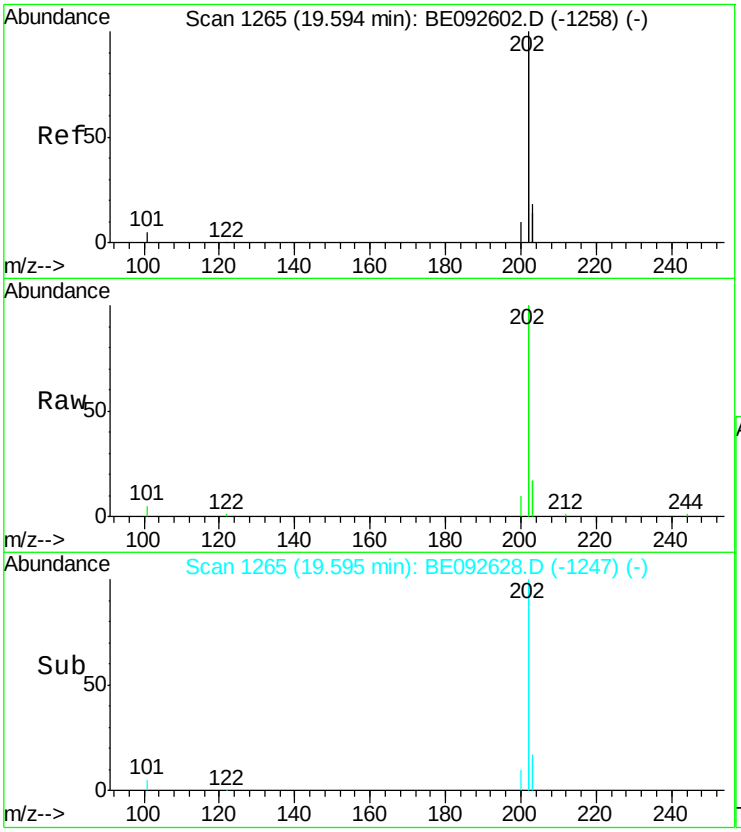


#22
Anthracene
Concen: 0.35 ng
RT: 17.69 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Tgt Ion:178 Resp: 5812

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	16.3	12.2	18.2



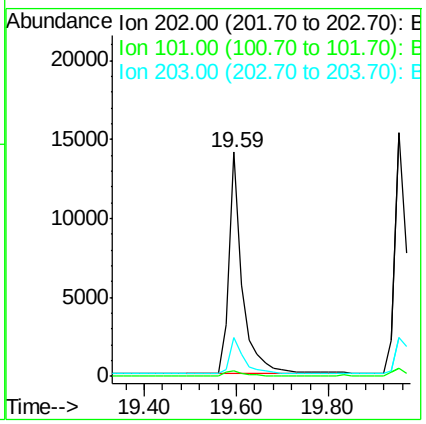


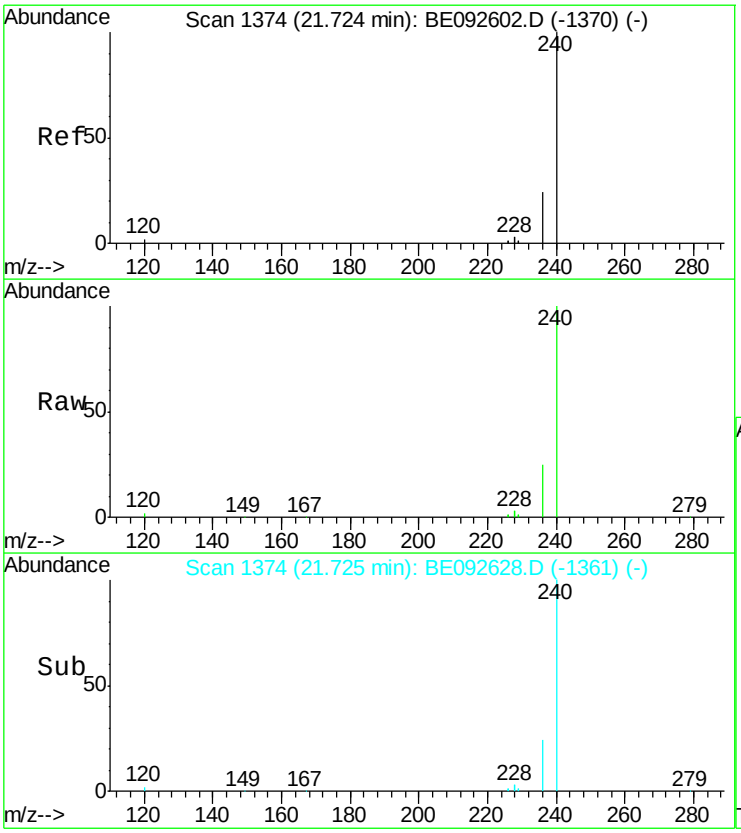
#23
Fluoranthene
Concen: 0.37 ng
RT: 19.59 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 28606

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.3	13.7	20.5

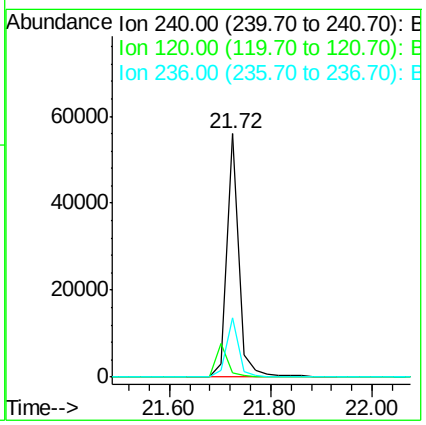


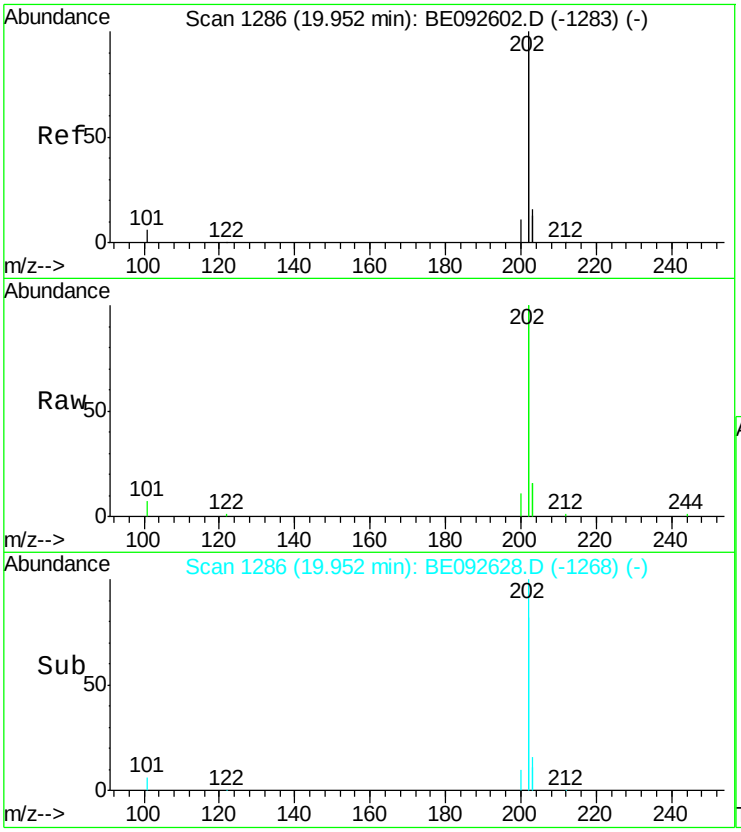


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Tgt Ion:240 Resp: 91215

Ion	Ratio	Lower	Upper
240	100		
120	1.7	2.6	4.0#
236	24.5	24.6	37.0#



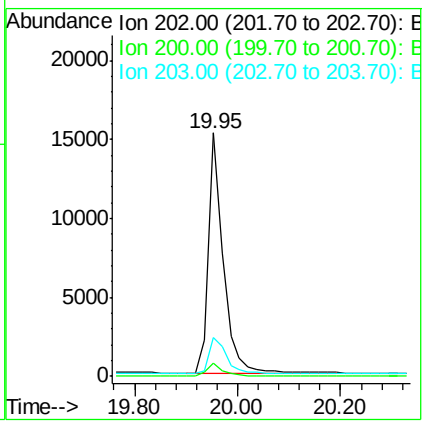


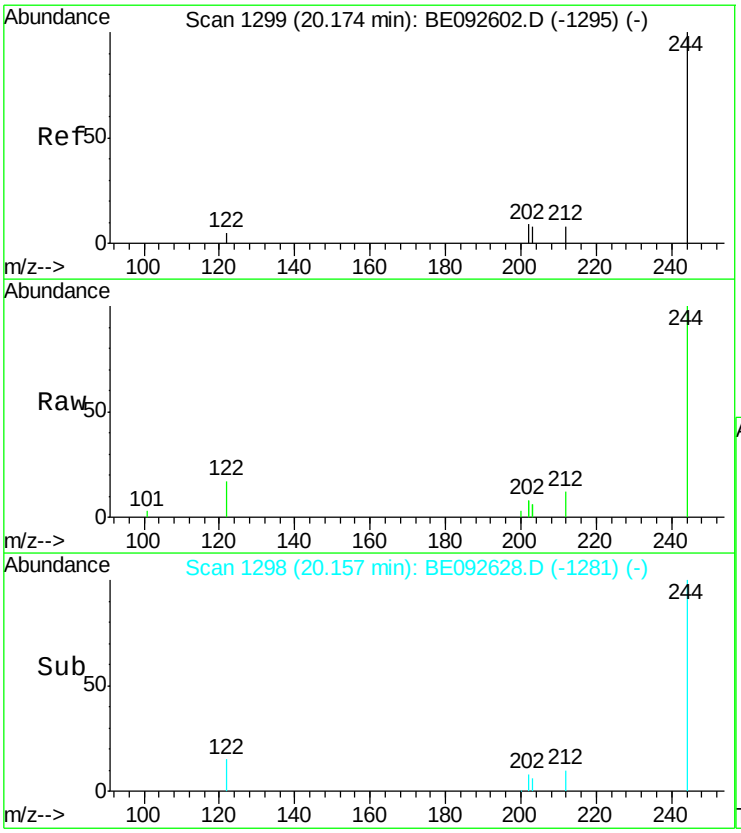
#25
Pyrene
Concen: 0.38 ng
RT: 19.95 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 30172

Ion	Ratio	Lower	Upper
202	100		
200	5.2	4.2	6.4
203	17.5	13.9	20.9

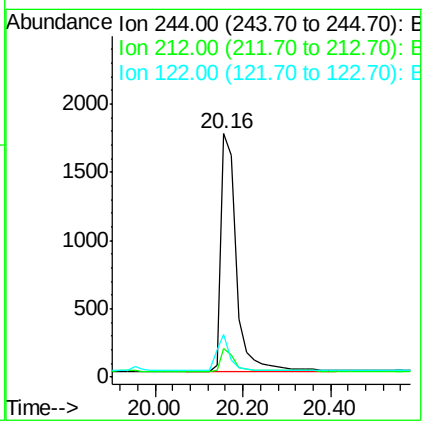


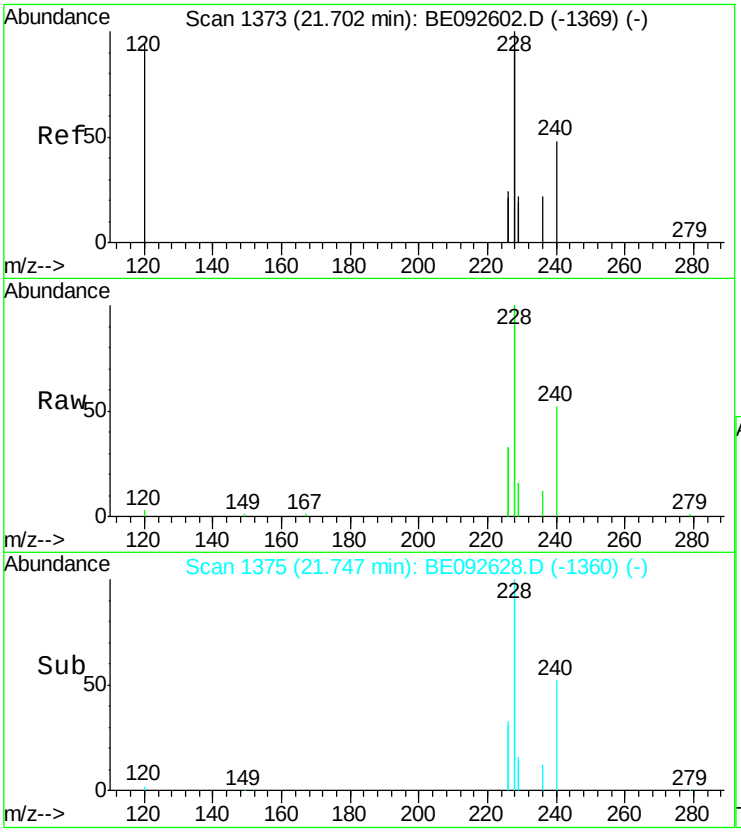


#26
Terphenyl-d14
Concen: 0.38 ng
RT: 20.16 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Tgt Ion:244 Resp: 4285

Ion	Ratio	Lower	Upper
244	100		
212	11.9	6.7	10.1#
122	17.5	3.6	5.4#



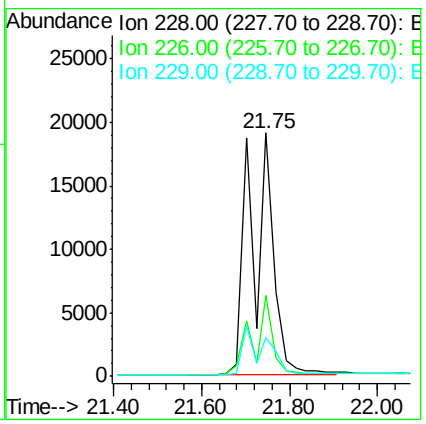


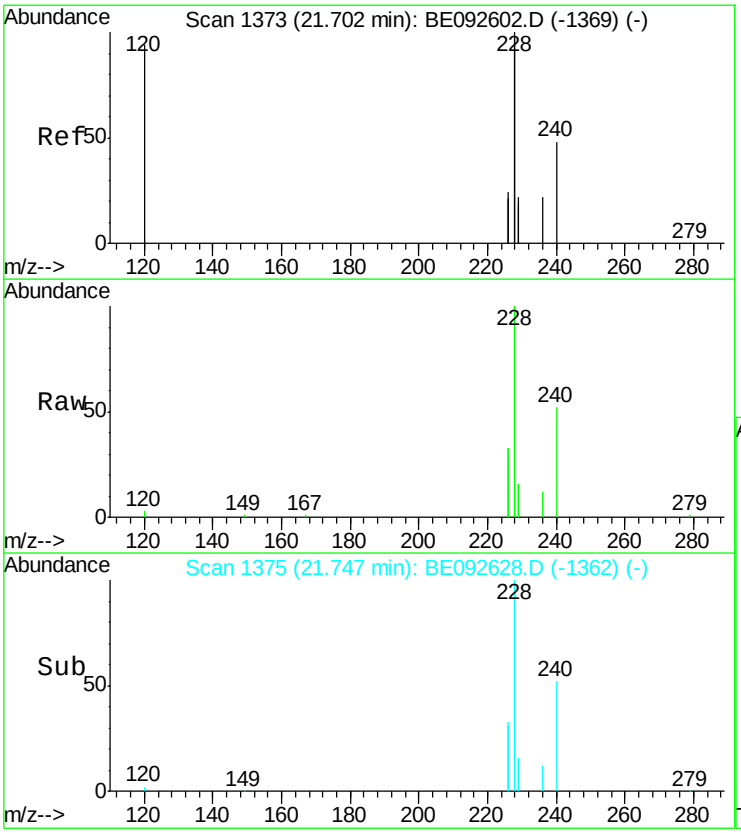
#27
Benzo(a)anthracene
Concen: 0.84 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.05 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 69045

Ion	Ratio	Lower	Upper
228	100		
226	33.4	23.6	35.4
229	16.0	13.3	19.9

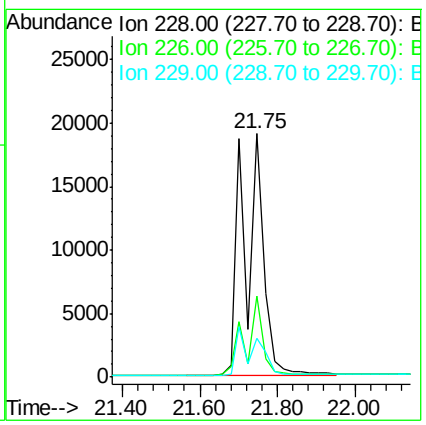


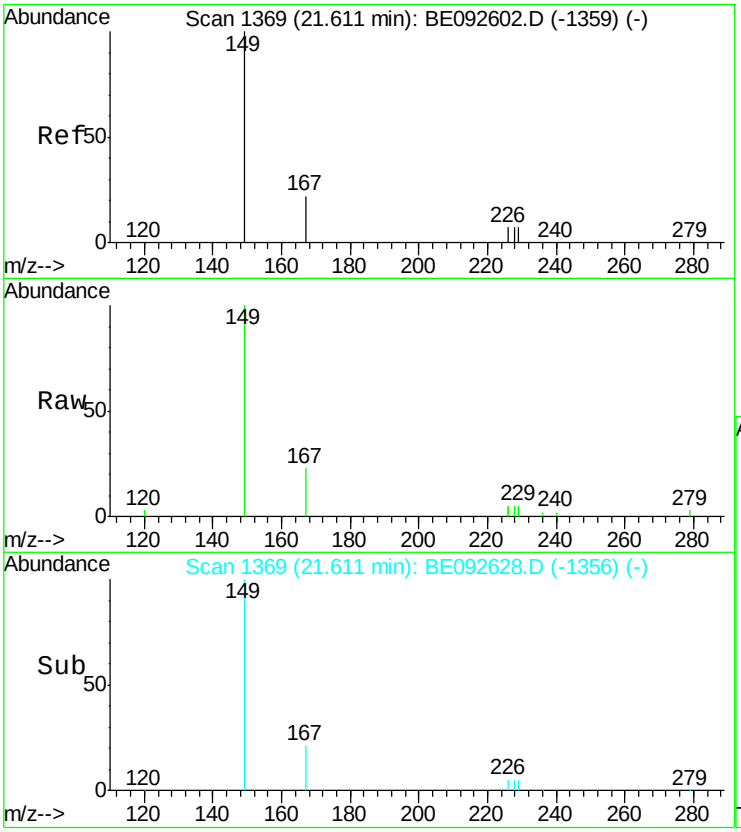


#28
Chrysene
Concen: 0.73 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Tgt Ion:228 Resp: 69339

Ion	Ratio	Lower	Upper
228	100		
226	33.4	36.3	54.5#
229	16.0	10.6	16.0#



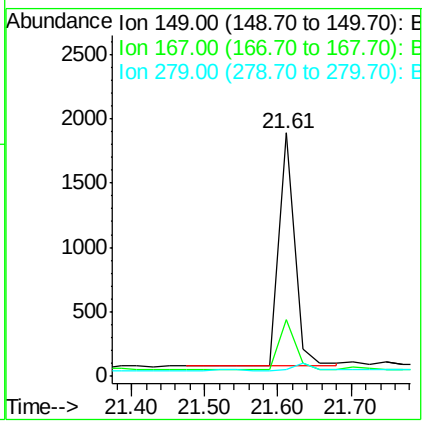


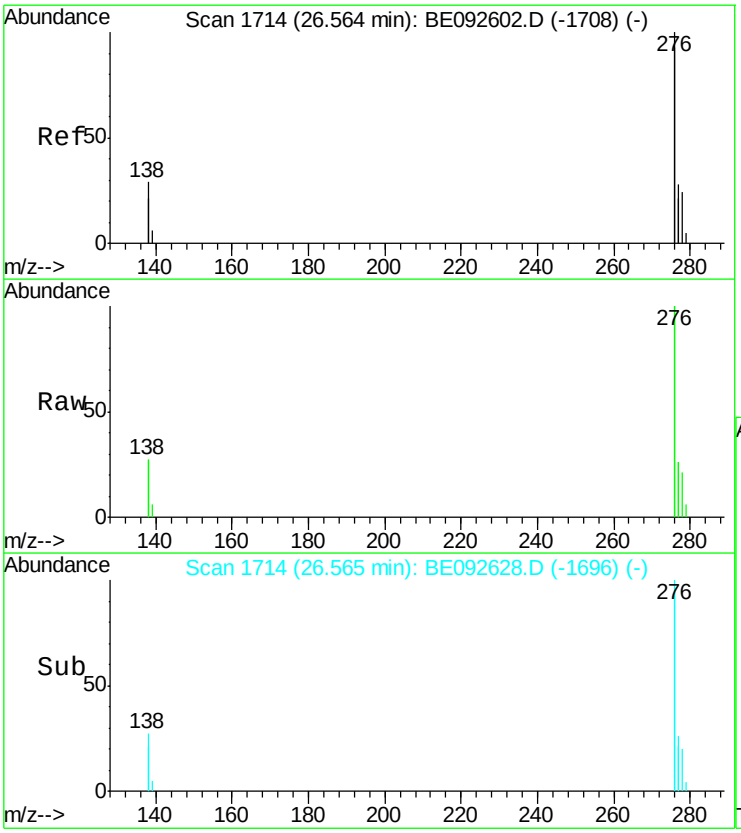
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.39 ng
RT: 21.61 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 2699

Ion	Ratio	Lower	Upper
149	100		
167	22.3	16.0	24.0
279	0.0	16.0	24.0#

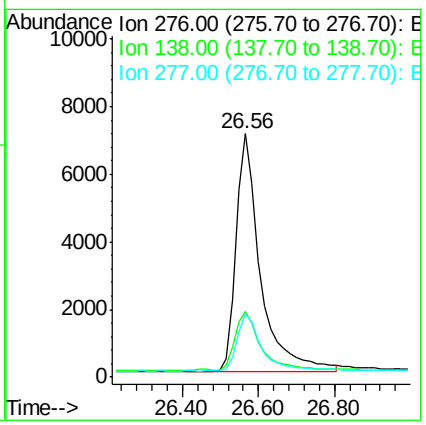


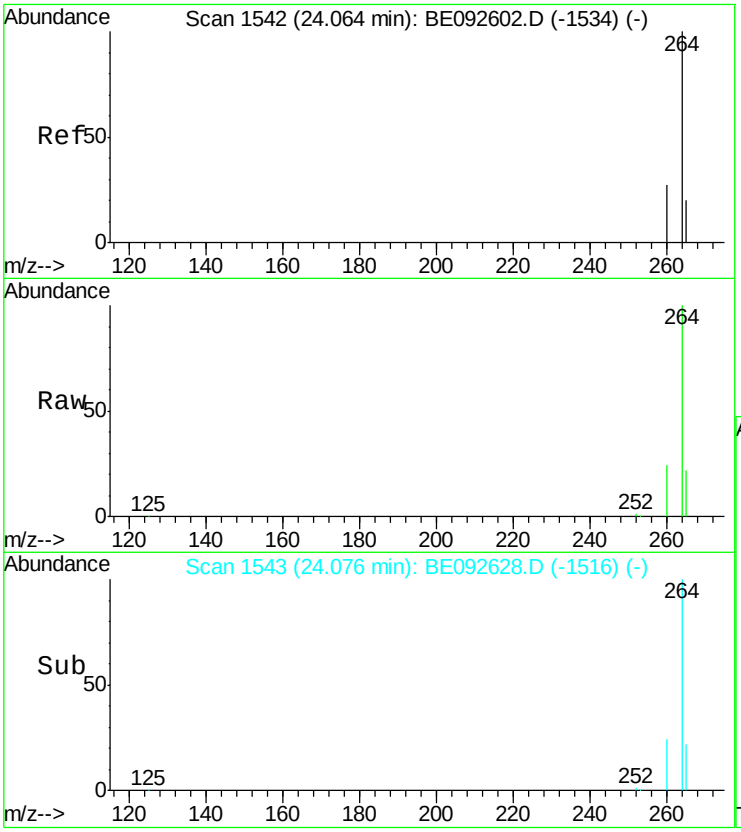


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng
RT: 26.56 min Scan# 1714
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Tgt Ion:276 Resp: 31420

Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.3	30.5
277	24.5	19.7	29.5



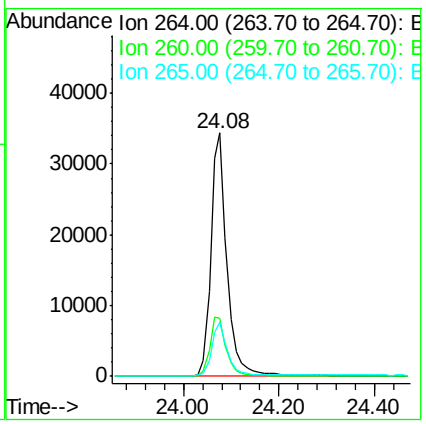


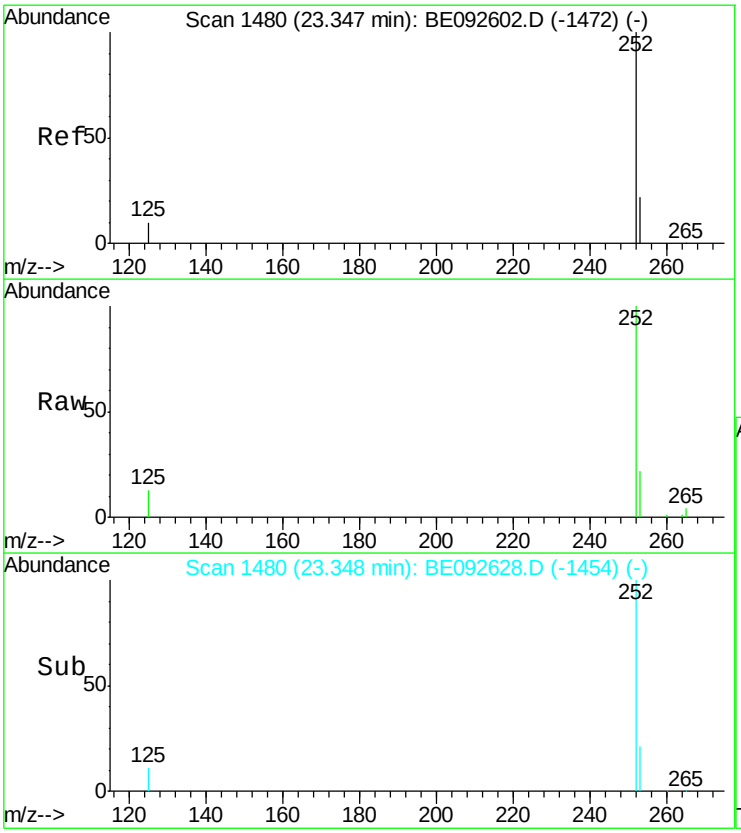
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 81446

Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.1	30.1
265	22.3	17.9	26.9

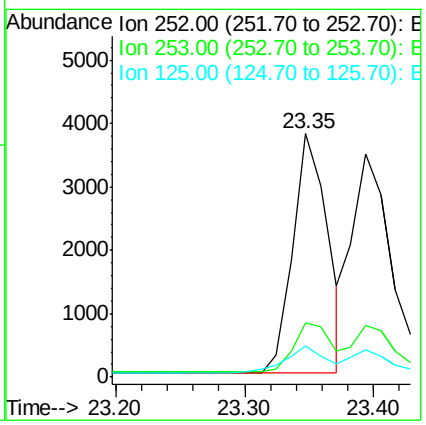


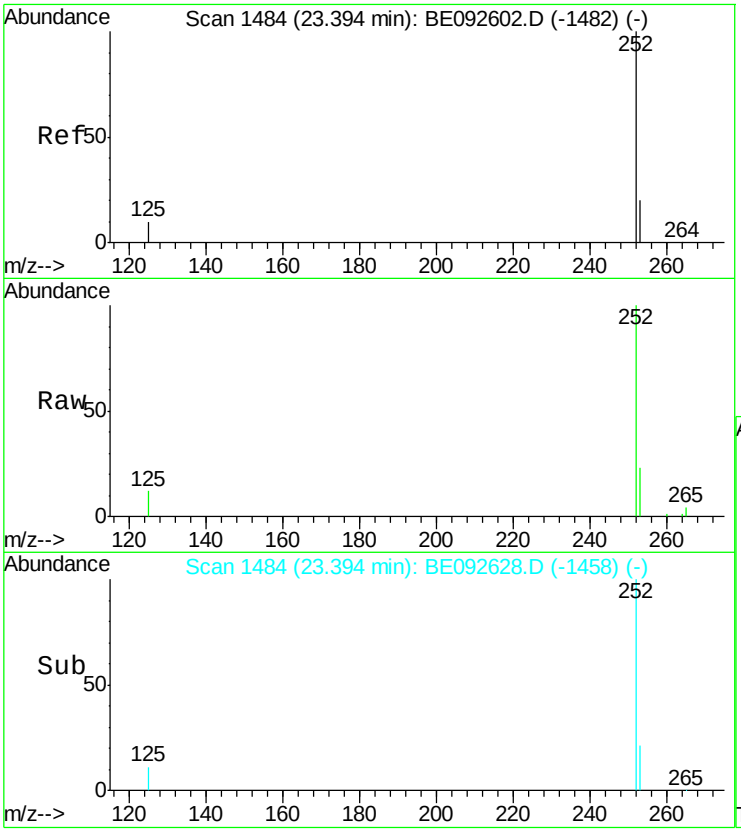


#32
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 23.35 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Tgt Ion:252 Resp: 7082

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.7	28.1
125	12.6	10.5	15.7



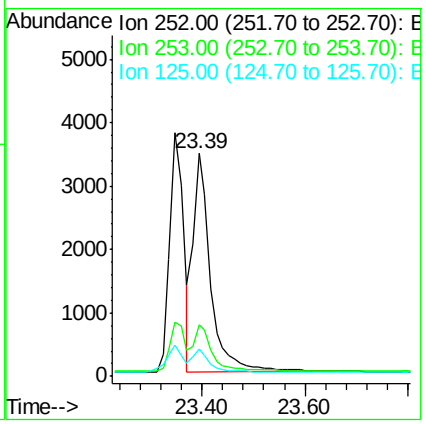


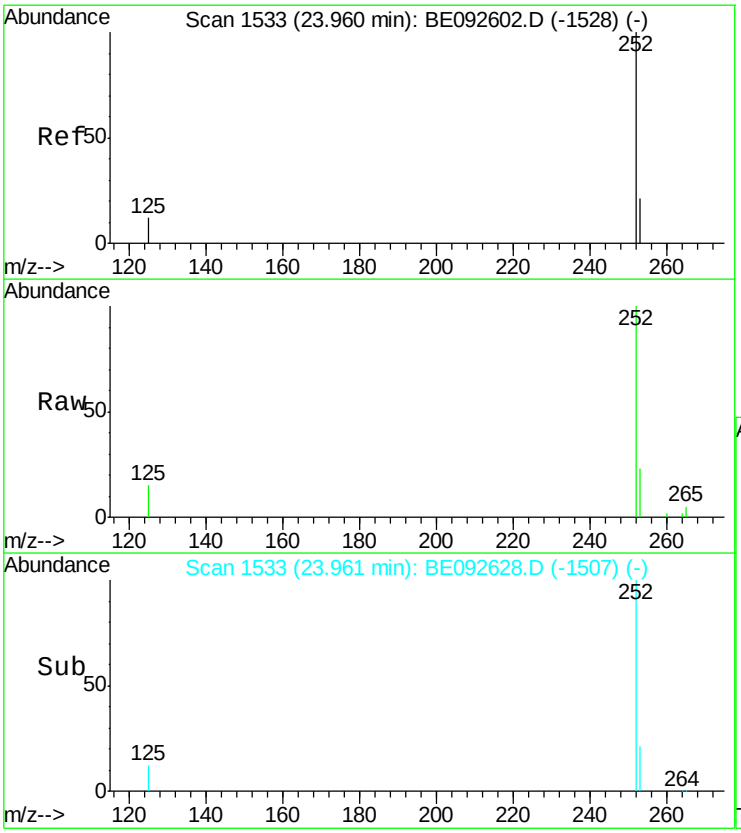
#33
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 23.39 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 8106

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.3	30.5
125	12.4	9.6	14.4

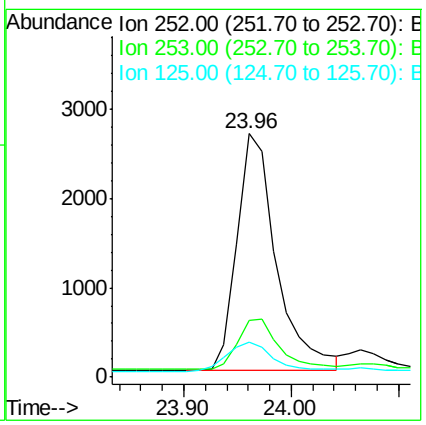


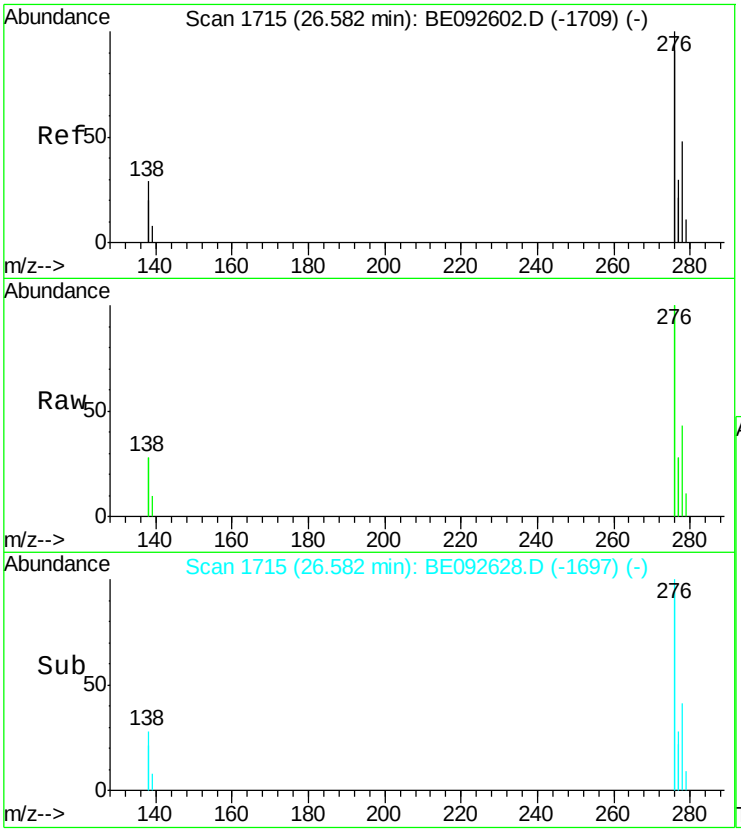


#34
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.96 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Tgt Ion:252 Resp: 6805

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.0	28.6
125	14.6	11.8	17.8



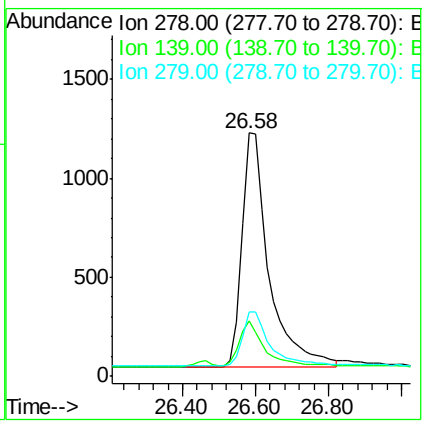


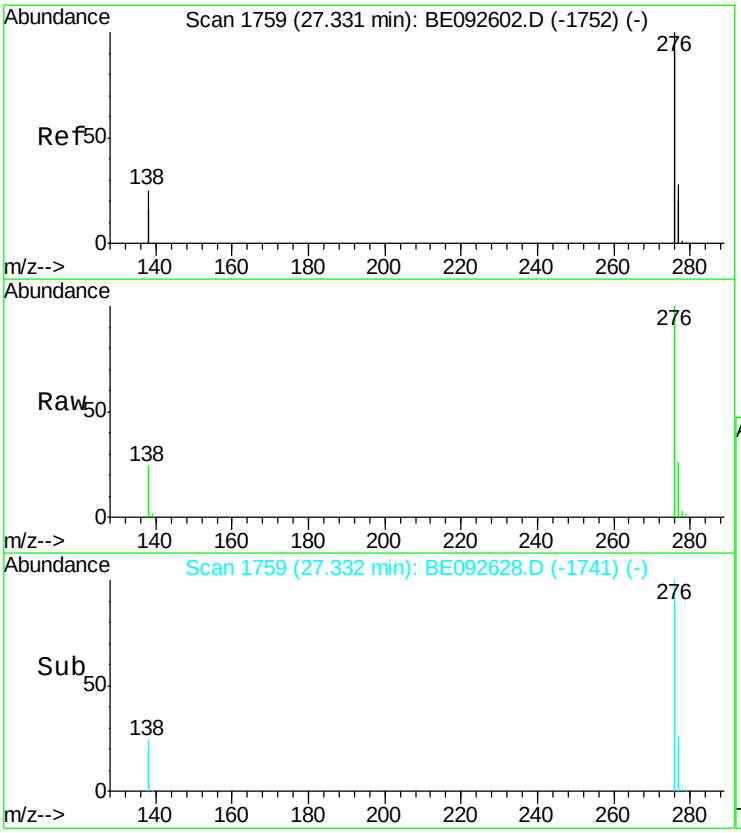
#35
Dibenzo(a,h)anthracene
Concen: 0.36 ng
RT: 26.58 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 6127

Ion	Ratio	Lower	Upper
278	100		
139	22.9	13.8	20.8#
279	26.3	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 27.33 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BE092628.D
Acq: 27 Dec 2016 19:48

Tgt Ion:276 Resp: 27273

Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.8	29.8
138	24.4	19.8	29.6