Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012517\
Data File : BE092687.D
Acq On : 25 Jan 2017 17:48
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jan 25 18:31:28 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 10:14:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	16781	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	87139	5.00	ng		0.00
12) Acenaphthene-d10	14.78	164	55862	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	119504	5.00	ng		0.00
24) Chrysene-d12	21.72	240	110246	5.00	ng		0.00
31) Perylene-d12	24.06	264	115570	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.65	112	1436	0.38	ng		0.00
5) Phenol-d6	7.31	99	2007	0.44	ng		-0.02
8) Nitrobenzene-d5	9.32	82	1991	0.35	ng		-0.02
13) 2,4,6-Tribromophenol	16.31	330	531	0.45	ng		0.01
14) 2-Fluorobiphenyl	13.40	172	5386	0.39	ng		-0.02
26) Terphenyl-d14	20.16	244	7114	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	905	0.34	ng		99
3) n-Nitrosodimethylamine	3.76	42	898	0.30	ng	#	98
6) bis(2-Chloroethyl)ether	7.56	93	1744	0.36	ng	#	29
9) Naphthalene	10.95	128	7184	0.39	ng		97
10) Hexachlorobutadiene	11.24	225	1070	0.40	ng		98
11) 2-Methylnaphthalene	12.59	142	4465	0.40	ng		97
15) Acenaphthylene	14.49	152	31230	0.41	ng		100
16) Acenaphthene	14.85	154	5011	0.41	ng		97
17) Fluorene	15.83	166	6075	0.39	ng		99
19) Hexachlorobenzene	16.87	284	1695m	0.35	ng		
20) Pentachlorophenol	17.28	266	390	0.32	ng		98
21) Phenanthrene	17.58	178	10623	0.40	ng		95
22) Anthracene	17.67	178	10404	0.43	ng		98
23) Fluoranthene	19.58	202	47519	0.41	ng		99
25) Pyrene	19.93	202	49648	0.46	ng		99
27) Benzo(a)anthracene	21.70	228	43350	0.40	ng	#	76
28) Chrysene	21.75	228	51462m	0.42	ng		
29) Bis(2-ethylhexyl)phthalate	21.61	149	10771	0.69	ng	#	73
30) Indeno(1,2,3-cd)pyrene	26.53	276	52006	0.39	ng		97
32) Benzo(b)fluoranthene	23.34	252	11242	0.40	ng		98
33) Benzo(k)fluoranthene	23.38	252	12040	0.43	ng		96
34) Benzo(a)pyrene	23.96	252	11117	0.42	ng		96
35) Dibenzo(a,h)anthracene	26.56	278	10575	0.41	ng		98
36) Benzo(g,h,i)perylene	27.30	276	44439	0.41	ng		98

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

Quantitation Report (QT Reviewed)

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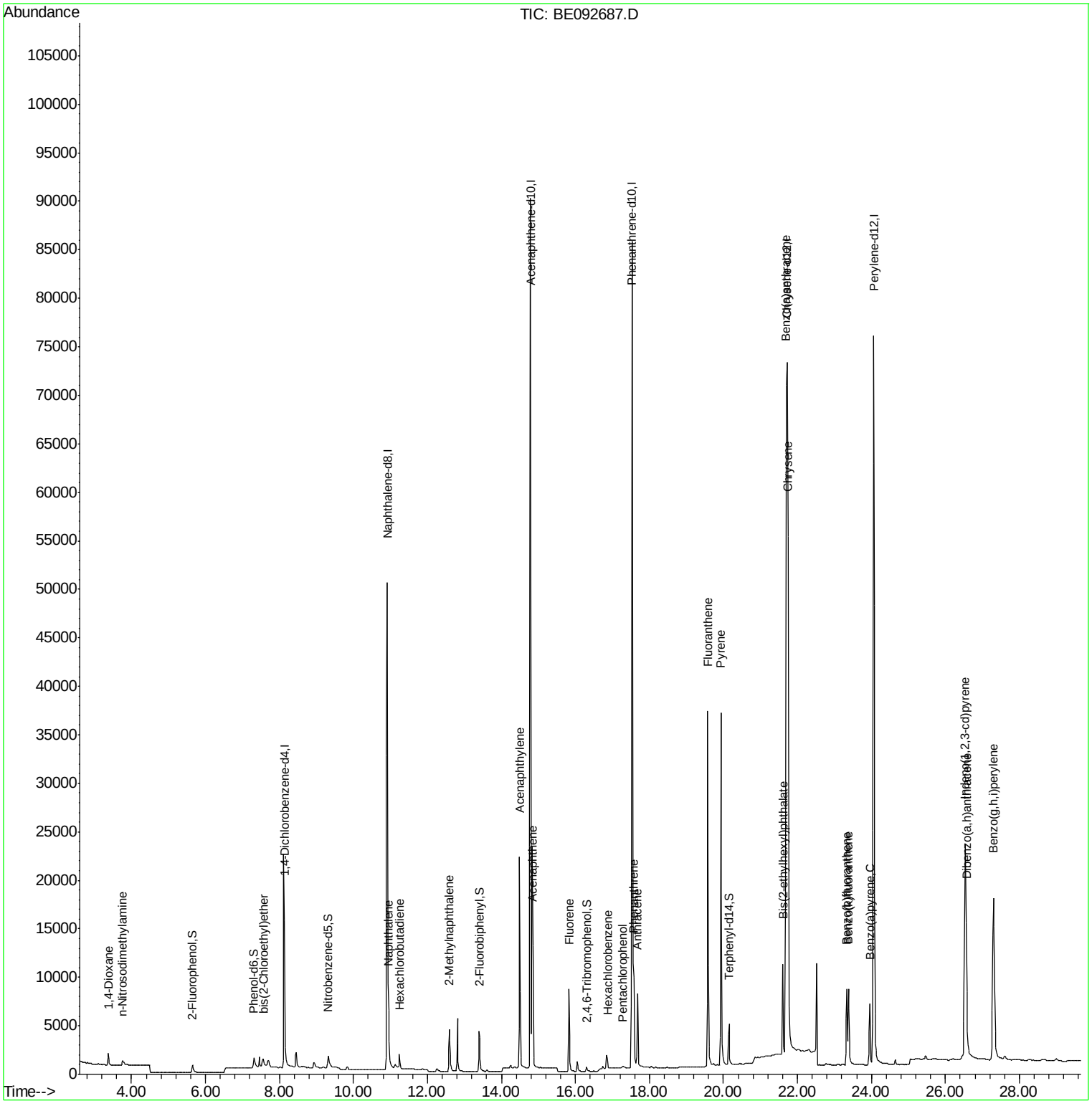
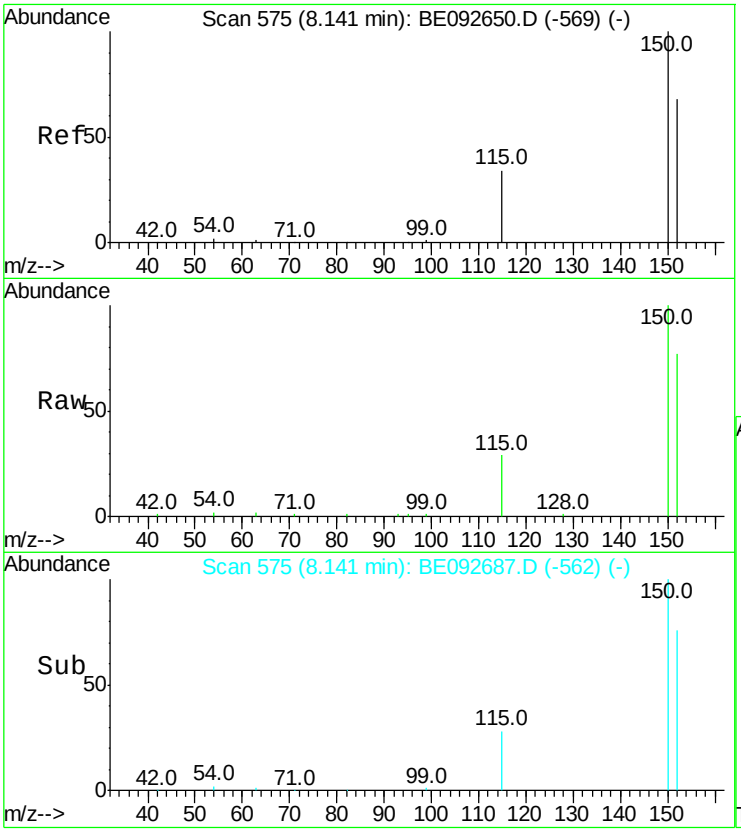
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jan 25 18:31:28 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 10:14:01 2017
Response via : Initial Calibration



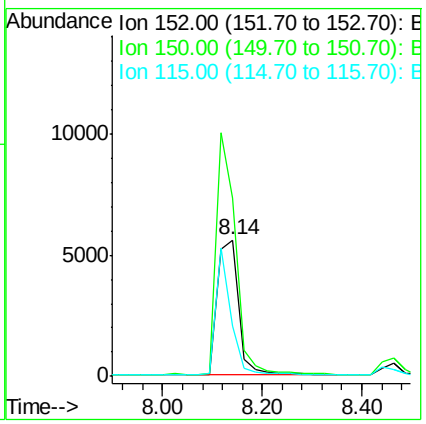


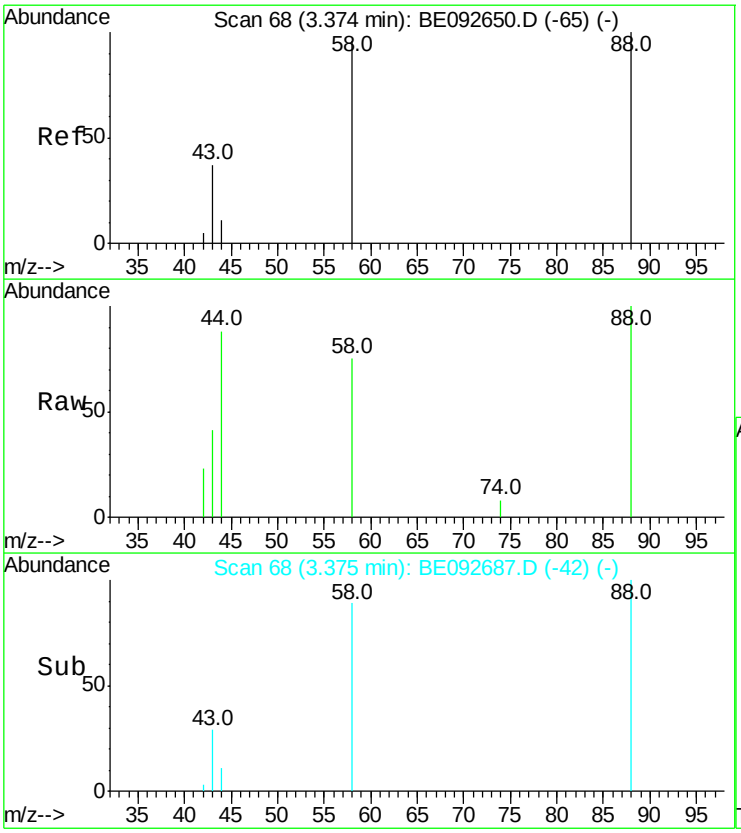
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. -0.00 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 16781

Ion	Ratio	Lower	Upper
152	100		
150	130.7	106.0	159.0
115	37.4	31.2	46.8

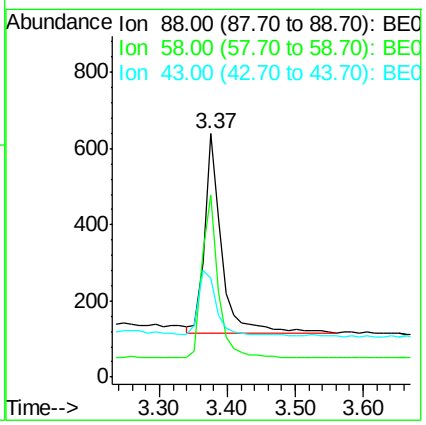


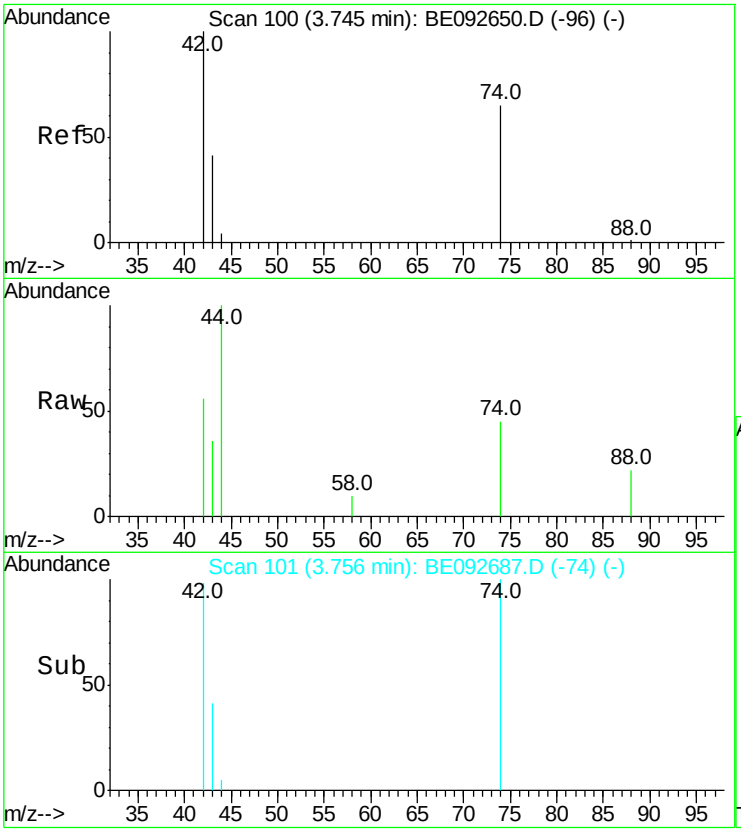


#2
1,4-Dioxane
Concen: 0.34 ng
RT: 3.37 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Tgt Ion: 88 Resp: 905

Ion	Ratio	Lower	Upper
88	100		
58	78.9	63.6	95.4
43	36.6	28.0	42.0



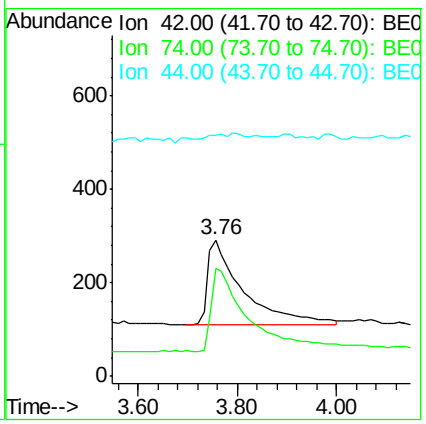


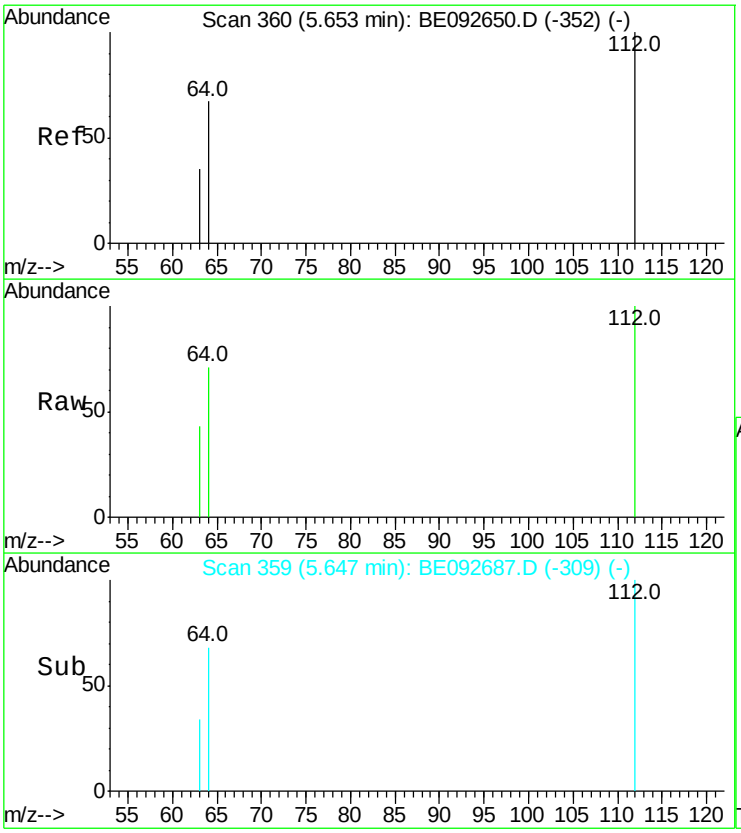
#3
n-Nitrosodimethylamine
Concen: 0.30 ng
RT: 3.76 min Scan# 101
Delta R.T. 0.01 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 898

Ion	Ratio	Lower	Upper
42	100		
74	106.3	86.0	129.0
44	3.0	5.1	7.7#

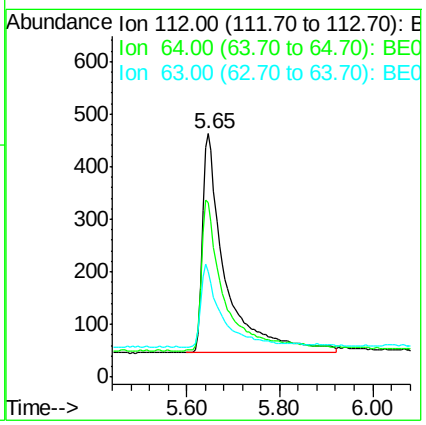


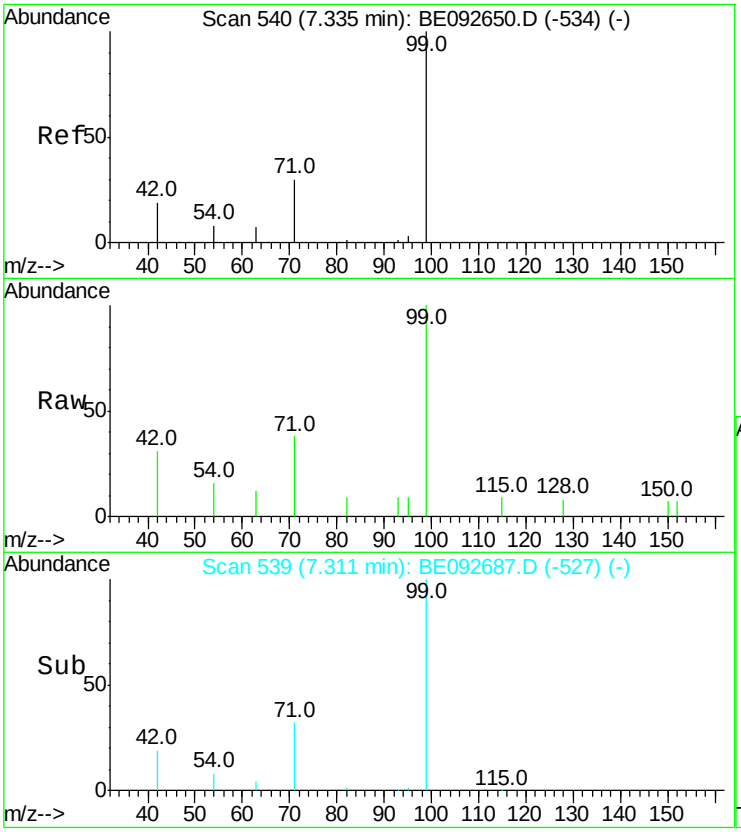


#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.65 min Scan# 359
Delta R.T. -0.01 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Tgt Ion:112 Resp: 1436

Ion	Ratio	Lower	Upper
112	100		
64	69.7	53.5	80.3
63	35.9	27.9	41.9



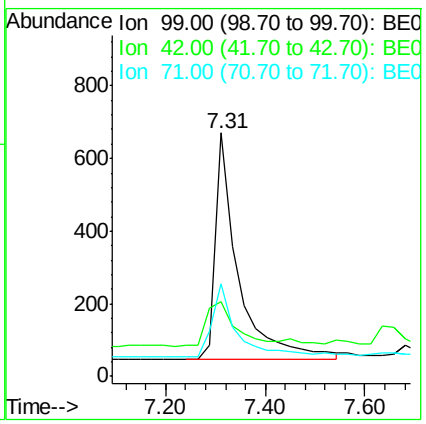


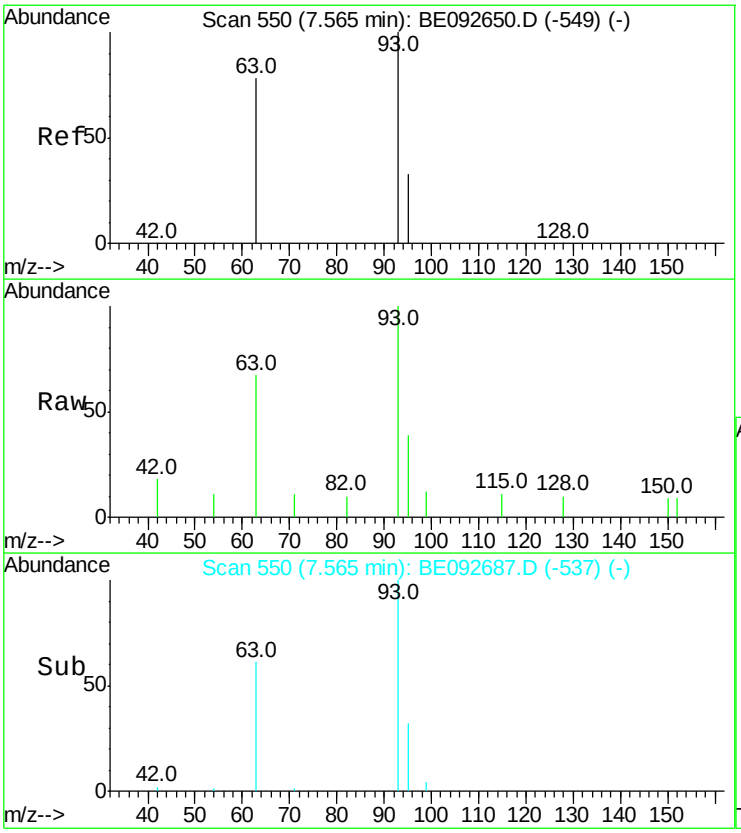
#5
Phenol-d6
Concen: 0.44 ng
RT: 7.31 min Scan# 539
Delta R.T. -0.02 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 2007

Ion	Ratio	Lower	Upper
99	100		
42	28.1	16.0	24.0#
71	35.8	30.6	45.8

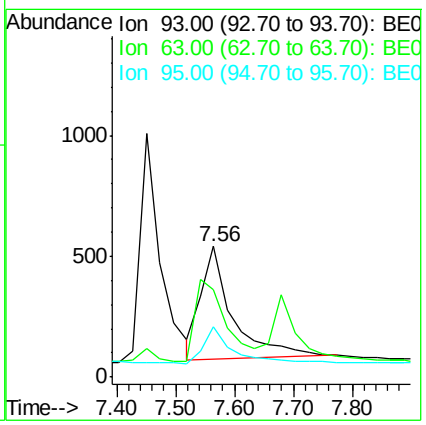


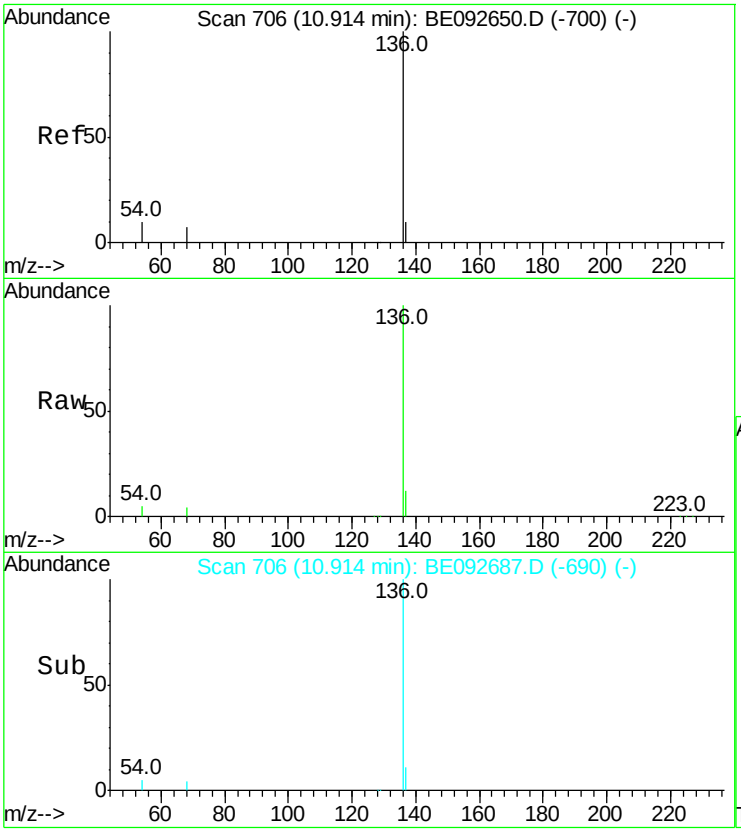


#6
bis(2-Chloroethyl)ether
Concen: 0.36 ng
RT: 7.56 min Scan# 550
Delta R.T. -0.00 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Tgt Ion: 93 Resp: 1744

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	29.8	24.0	36.0



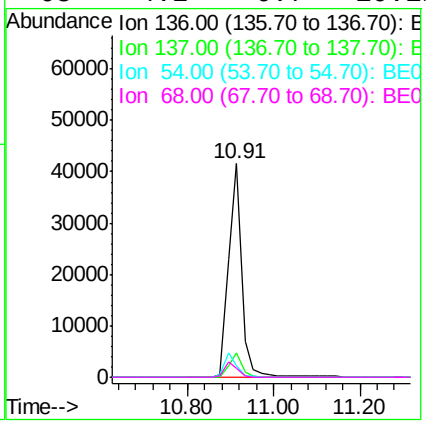


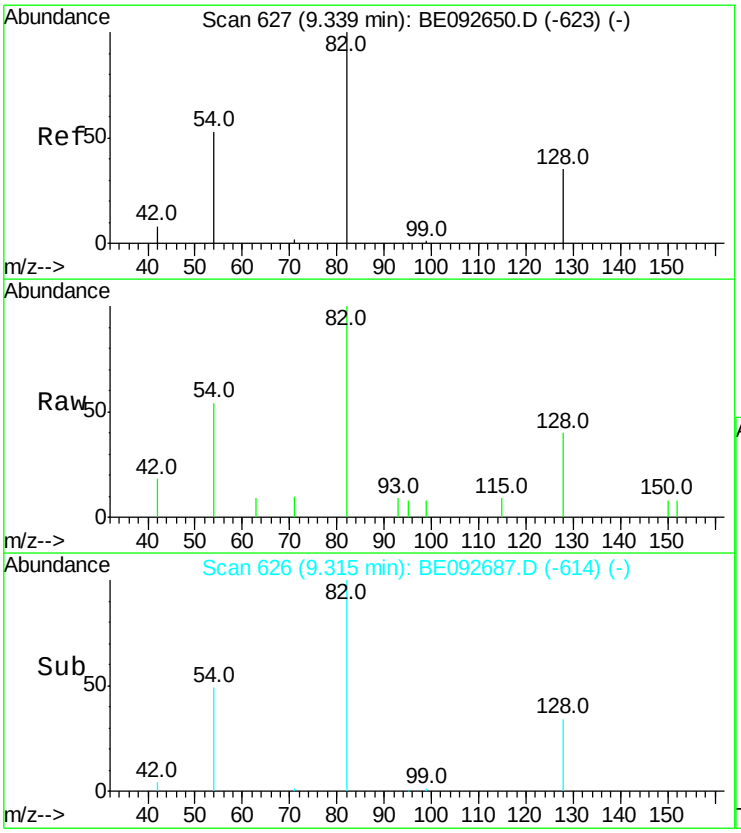
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. 0.00 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 87139

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.2	12.4
54	5.5	9.6	14.4#
68	4.2	6.7	10.1#

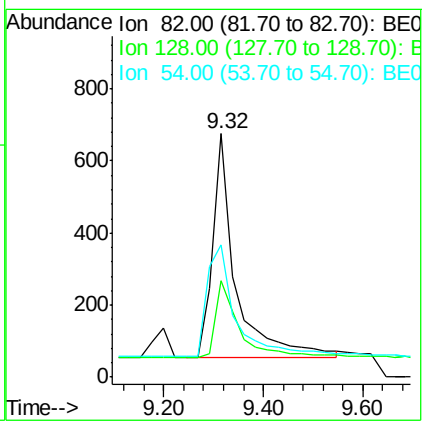


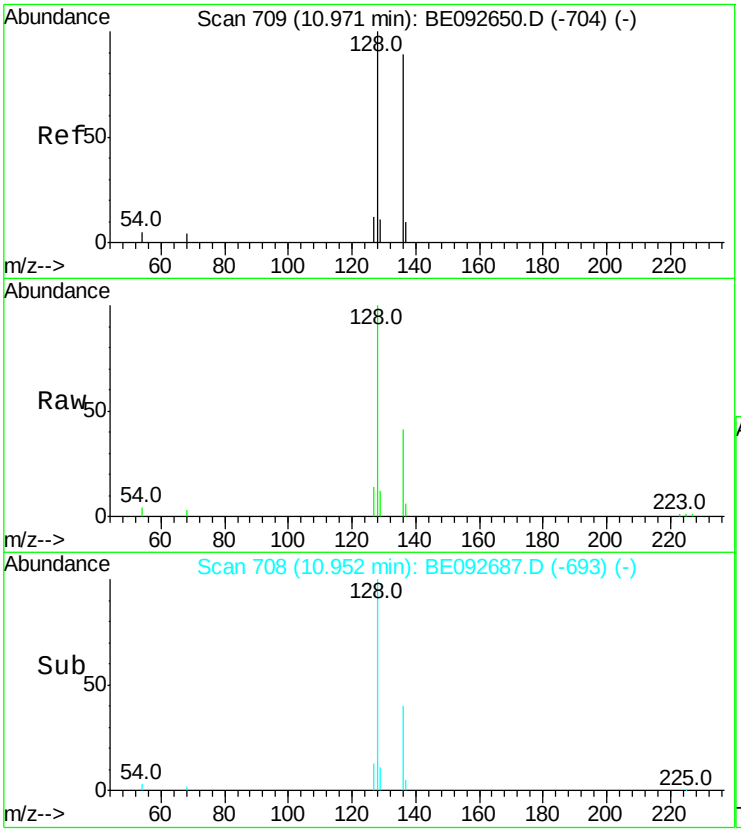


#8
Nitrobenzene-d5
Concen: 0.35 ng
RT: 9.32 min Scan# 626
Delta R.T. -0.02 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Tgt Ion: 82 Resp: 1991

Ion	Ratio	Lower	Upper
82	100		
128	39.6	39.0	58.4
54	54.4	44.8	67.2



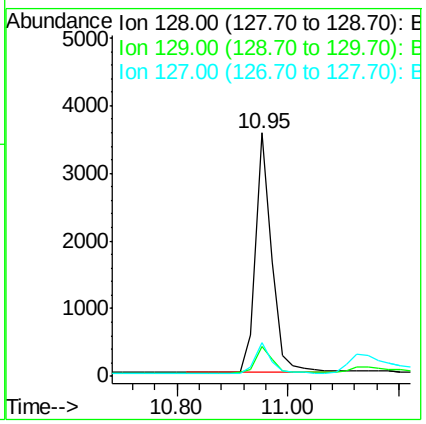


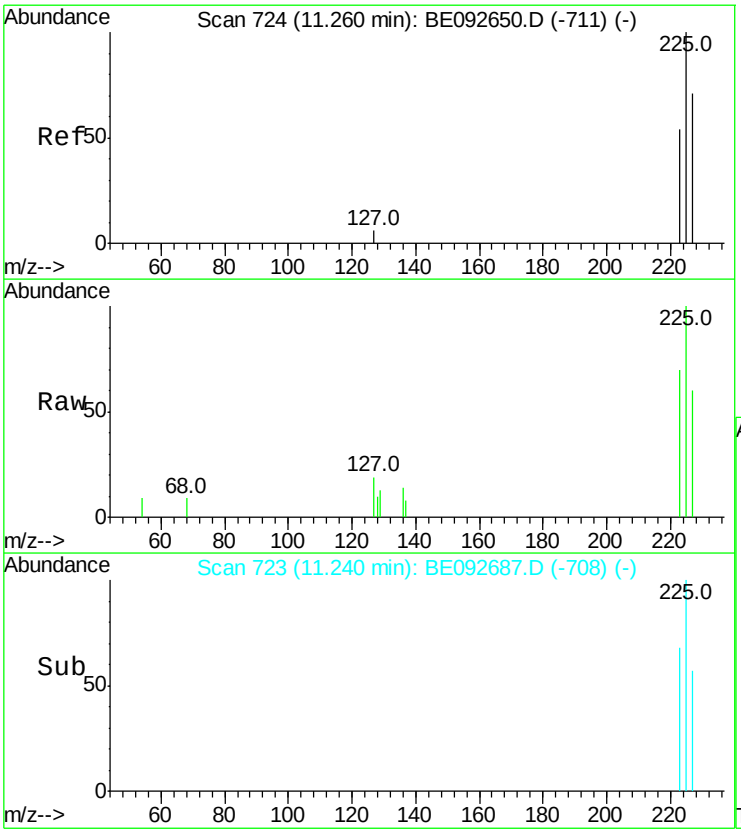
#9
Naphthalene
Concen: 0.39 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.02 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 7184

Ion	Ratio	Lower	Upper
128	100		
129	12.1	11.2	16.8
127	14.1	11.6	17.4

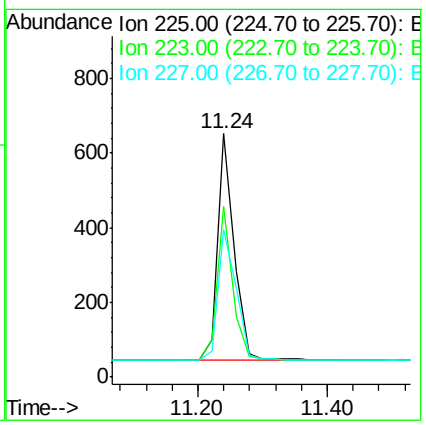


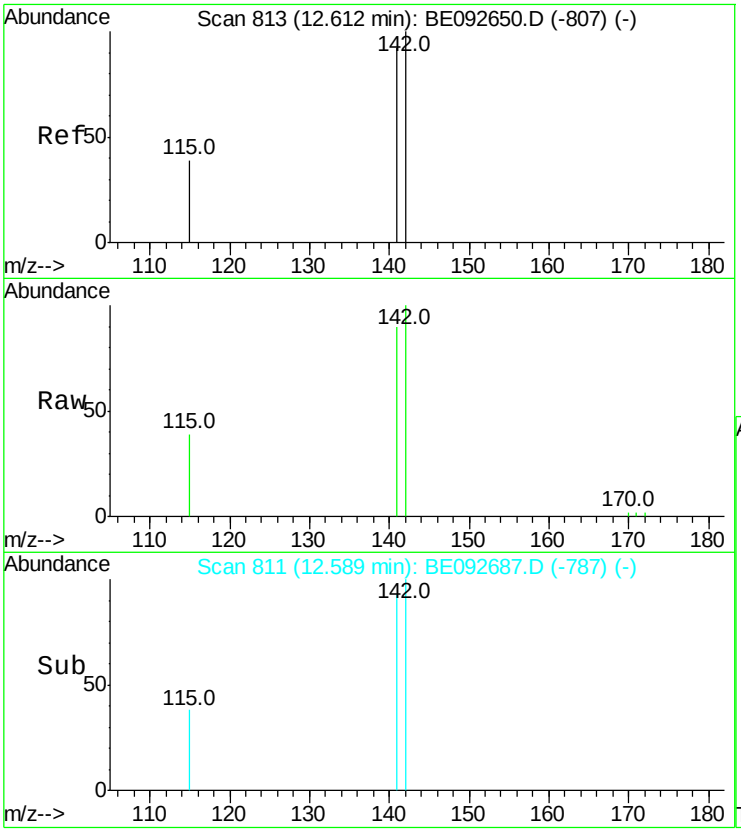


#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 11.24 min Scan# 723
Delta R.T. -0.02 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Tgt Ion:225 Resp: 1070

Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.6	76.0
227	63.2	51.4	77.0



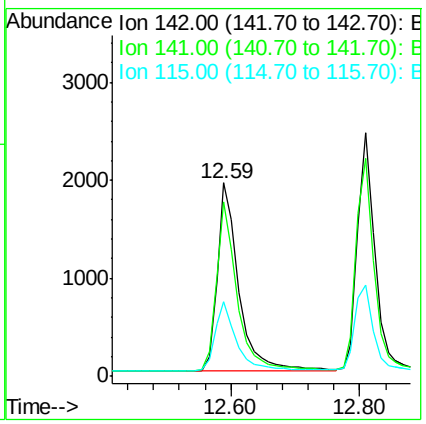


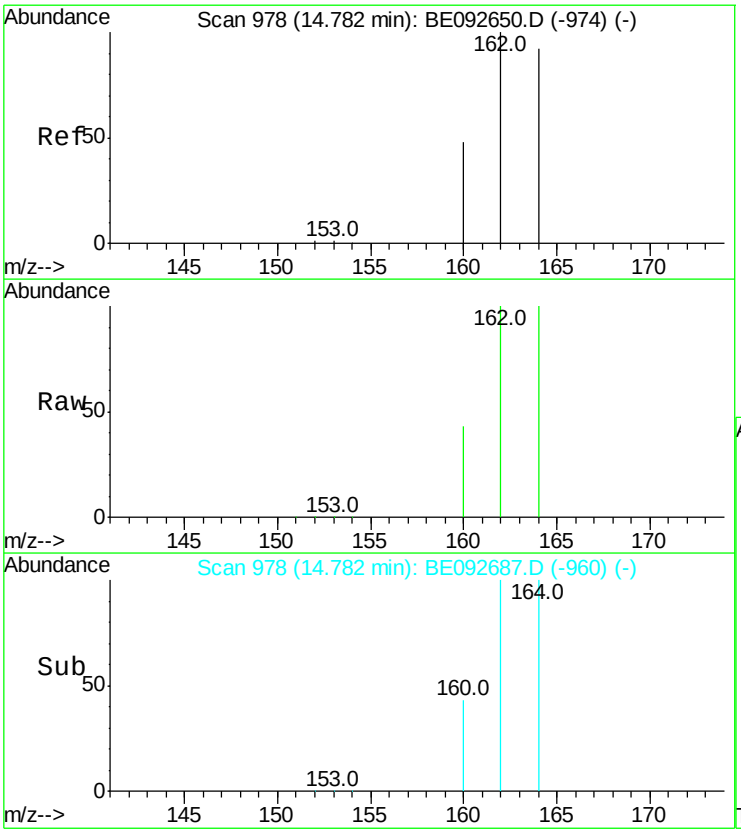
#11
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.59 min Scan# 811
Delta R.T. -0.02 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:142 Resp: 4465

Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.7	110.5
115	38.8	34.0	51.0

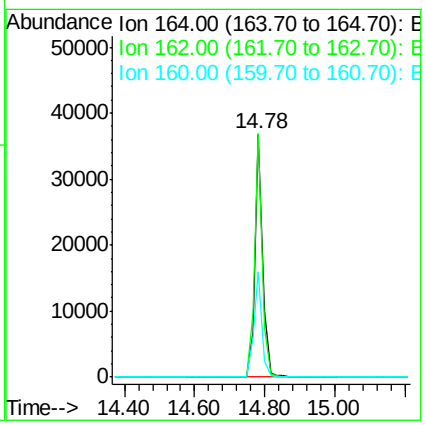


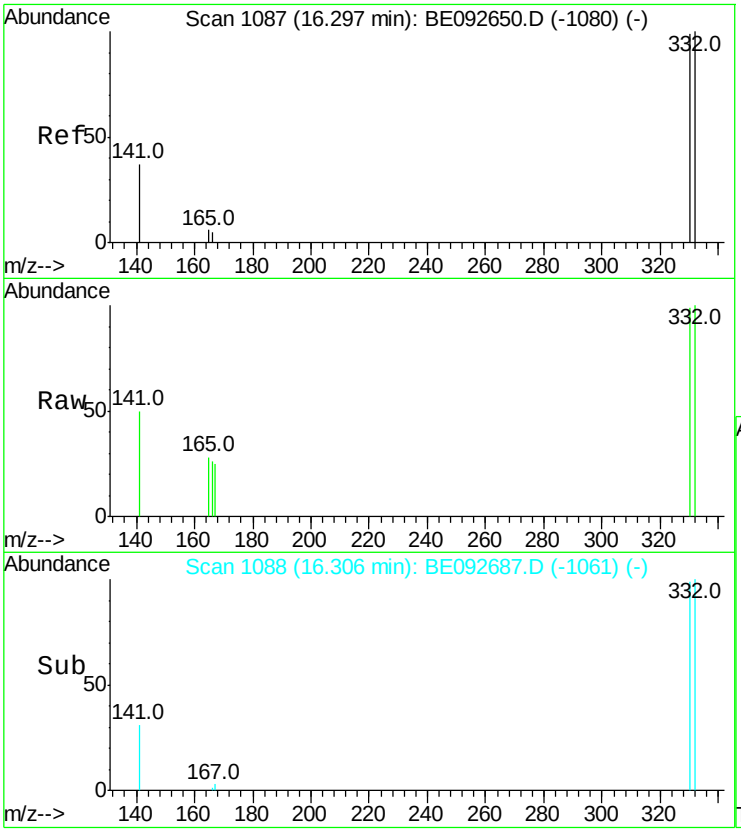


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. 0.00 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Tgt Ion:164 Resp: 55862

Ion	Ratio	Lower	Upper
164	100		
162	100.4	71.4	107.0
160	43.6	27.4	41.2#



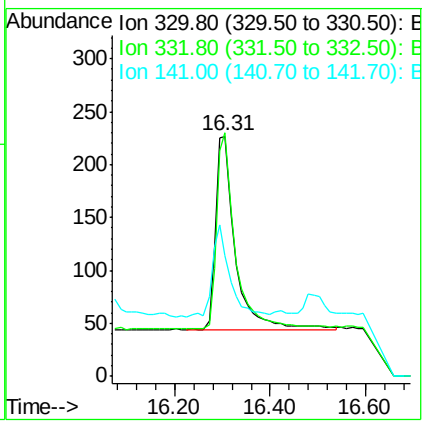


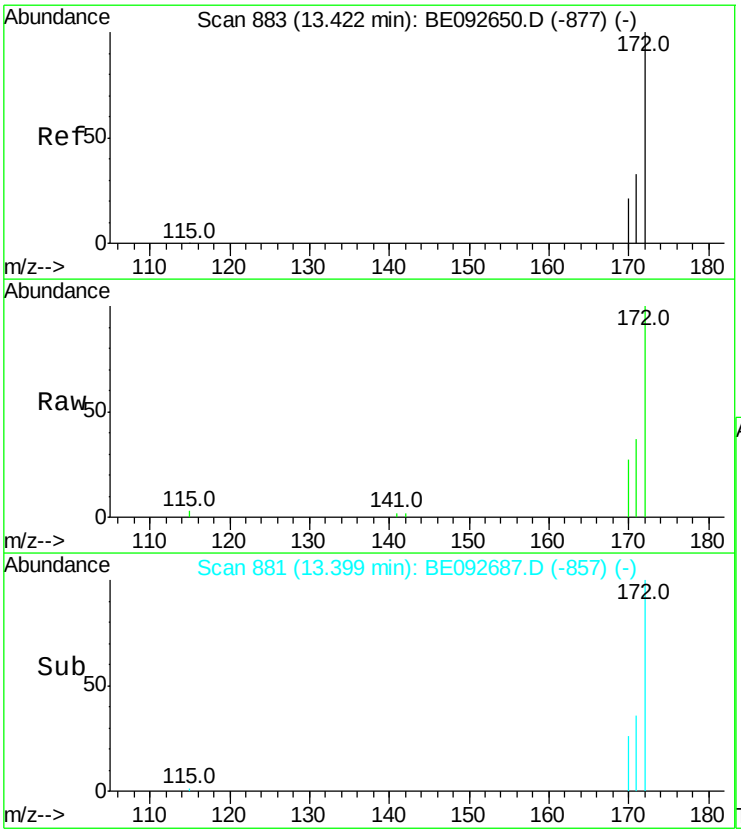
#13
2,4,6-Tribromophenol
Concen: 0.45 ng
RT: 16.31 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:330 Resp: 531

Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.4	113.0
141	42.2	31.0	46.6

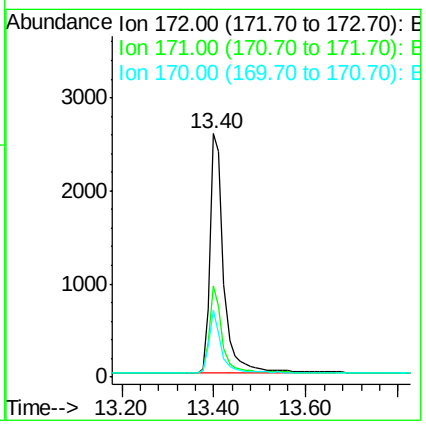


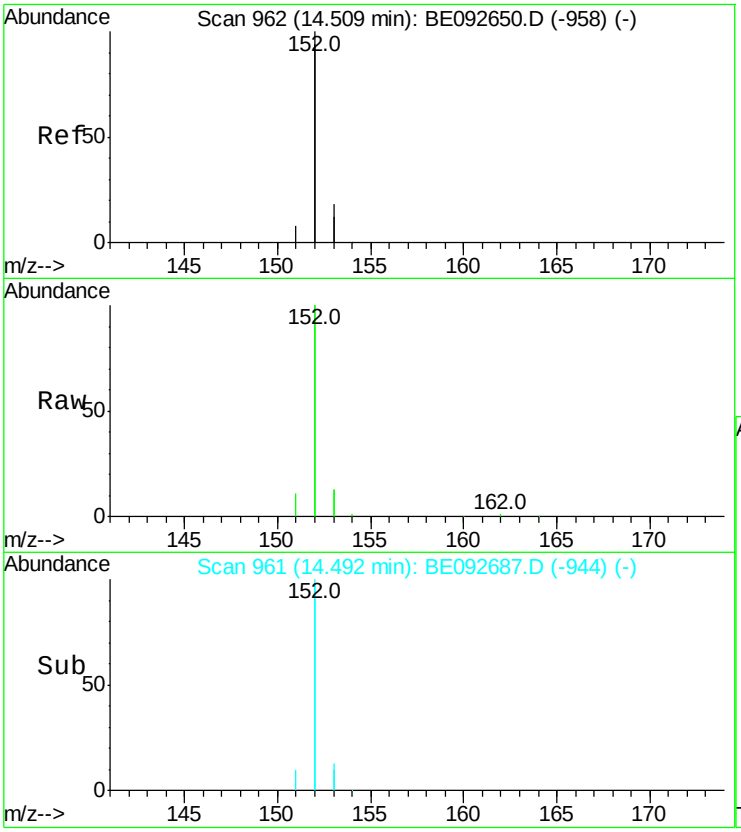


#14
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.40 min Scan# 881
Delta R.T. -0.02 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Tgt Ion:172 Resp: 5386

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.1	45.1
170	27.5	21.8	32.6



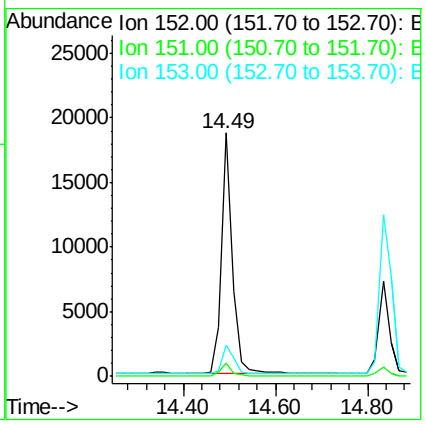


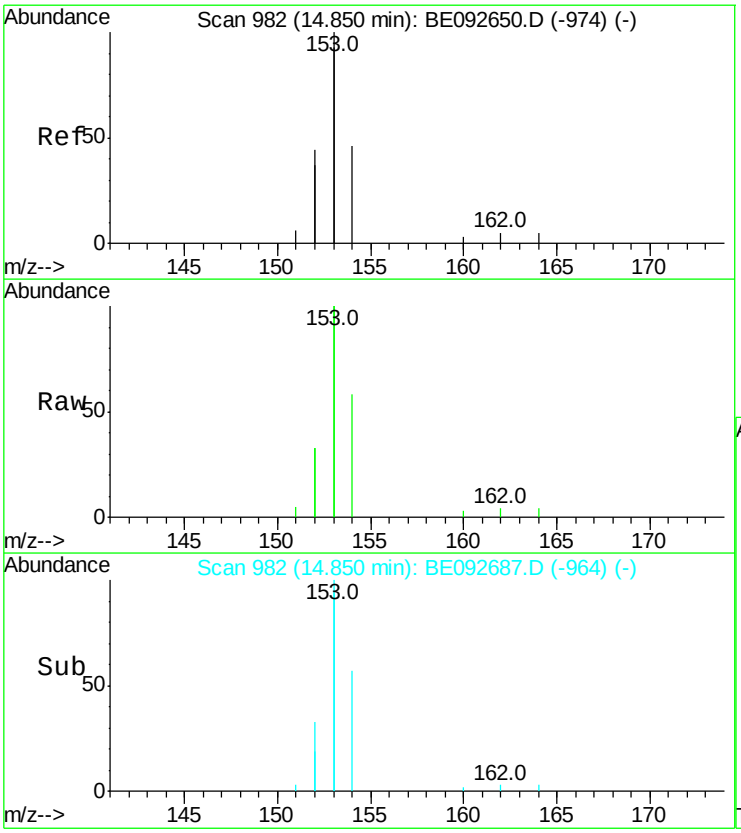
#15
Acenaphthylene
Concen: 0.41 ng
RT: 14.49 min Scan# 961
Delta R.T. -0.02 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 31230

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	12.9	10.4	15.6

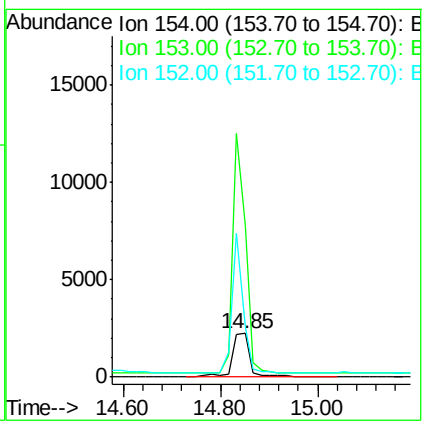


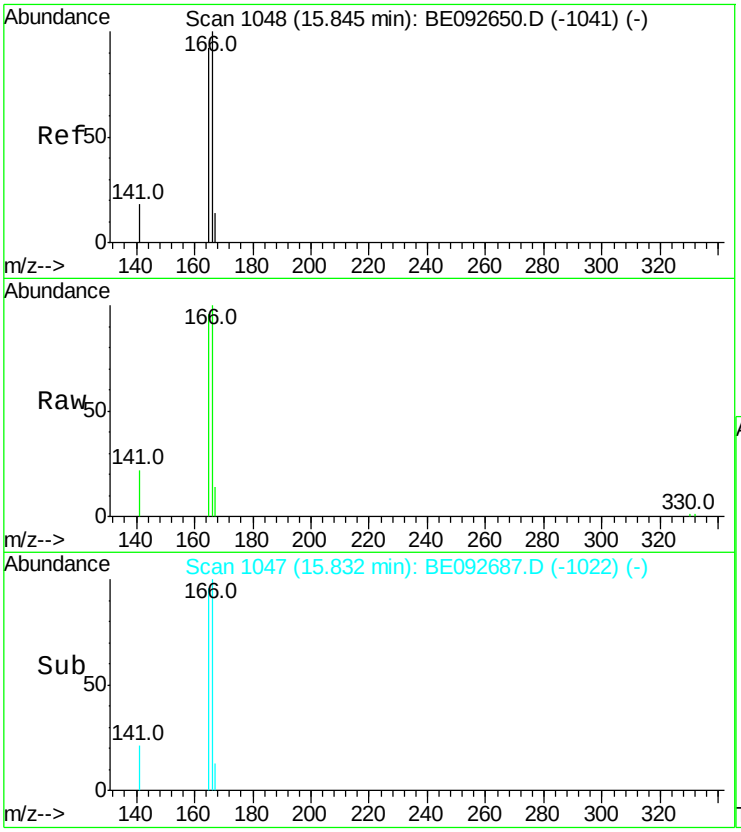


#16
Acenaphthene
Concen: 0.41 ng
RT: 14.85 min Scan# 982
Delta R.T. 0.00 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Tgt Ion:154 Resp: 5011

Ion	Ratio	Lower	Upper
154	100		
153	442.6	350.8	526.2
152	225.3	171.1	256.7



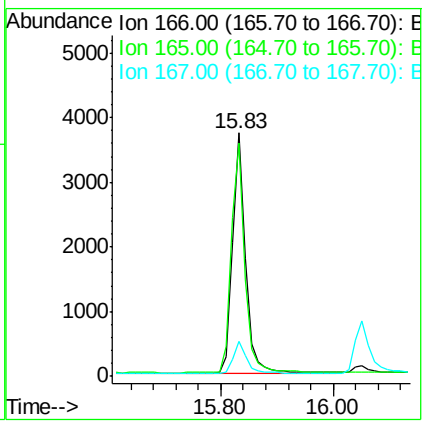


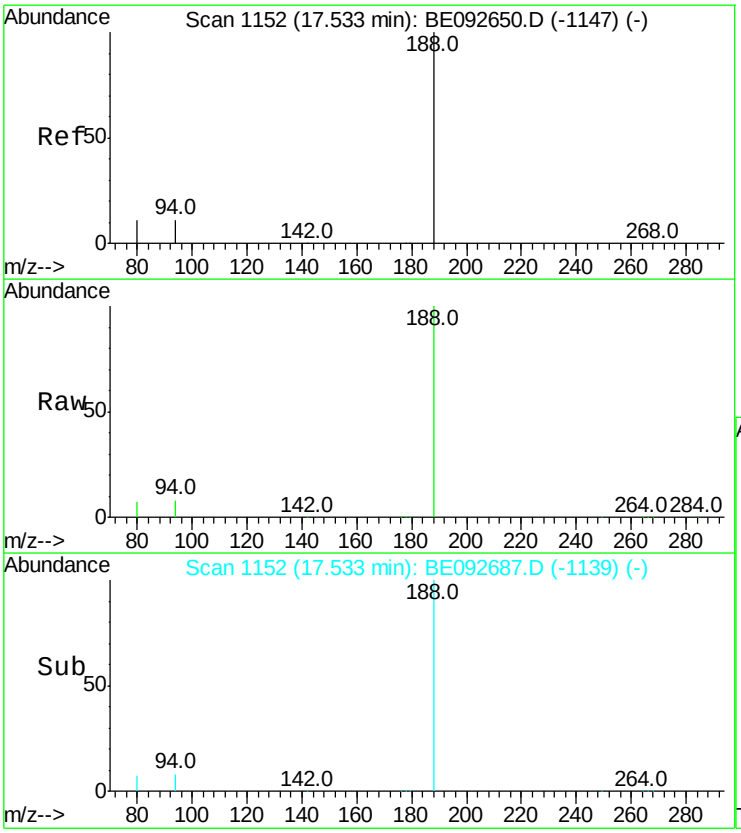
#17
Fluorene
Concen: 0.39 ng
RT: 15.83 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:166 Resp: 6075

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.2	117.4
167	13.3	11.0	16.4

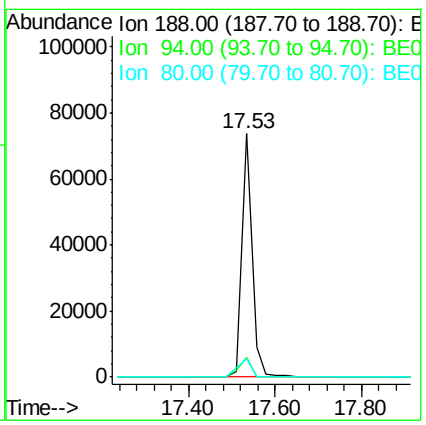


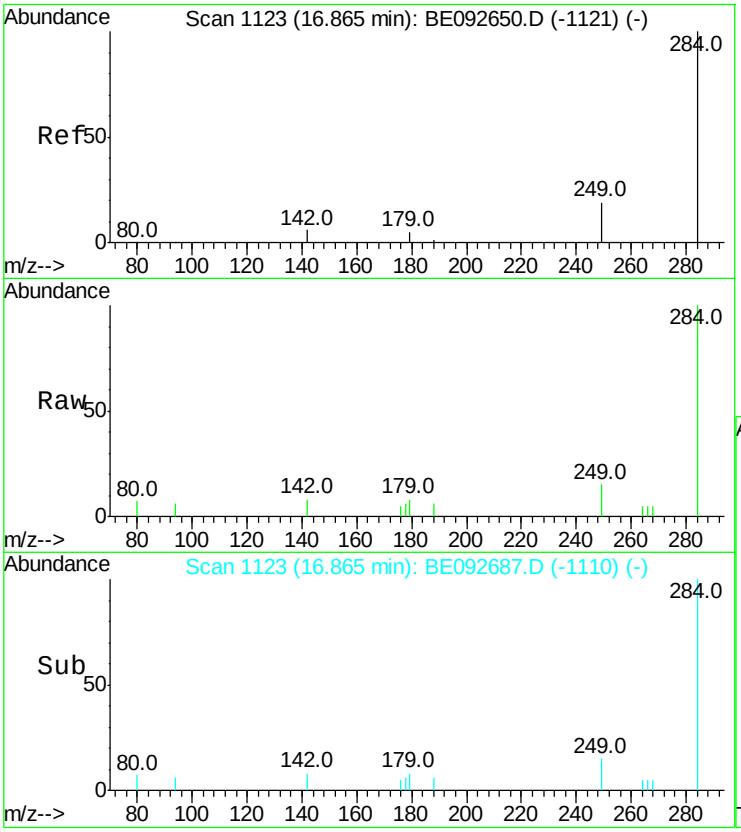


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Tgt Ion:188 Resp: 119504

Ion	Ratio	Lower	Upper
188	100		
94	8.1	3.2	4.8#
80	7.4	2.6	3.8#



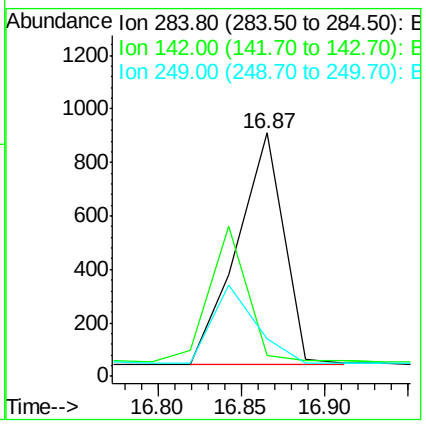


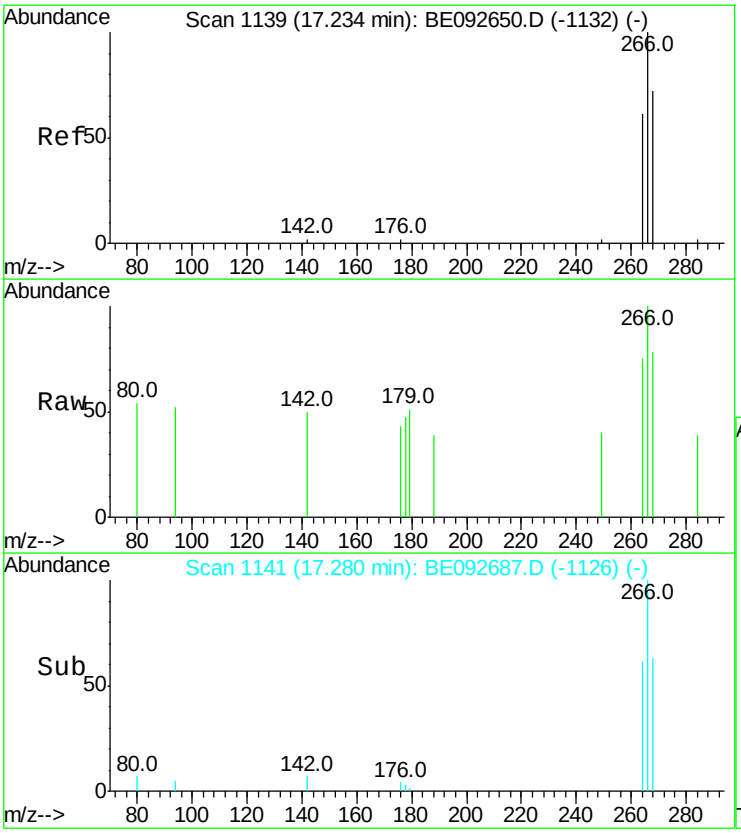
#19
Hexachlorobenzene
Concen: 0.35 ng m
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1695

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

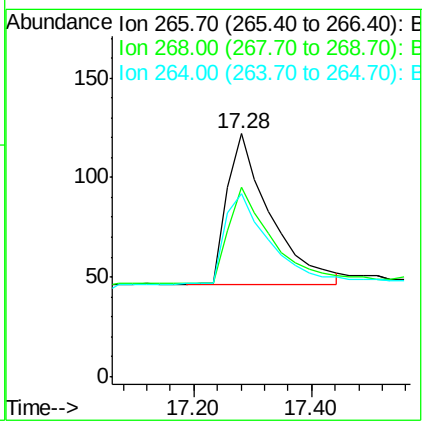


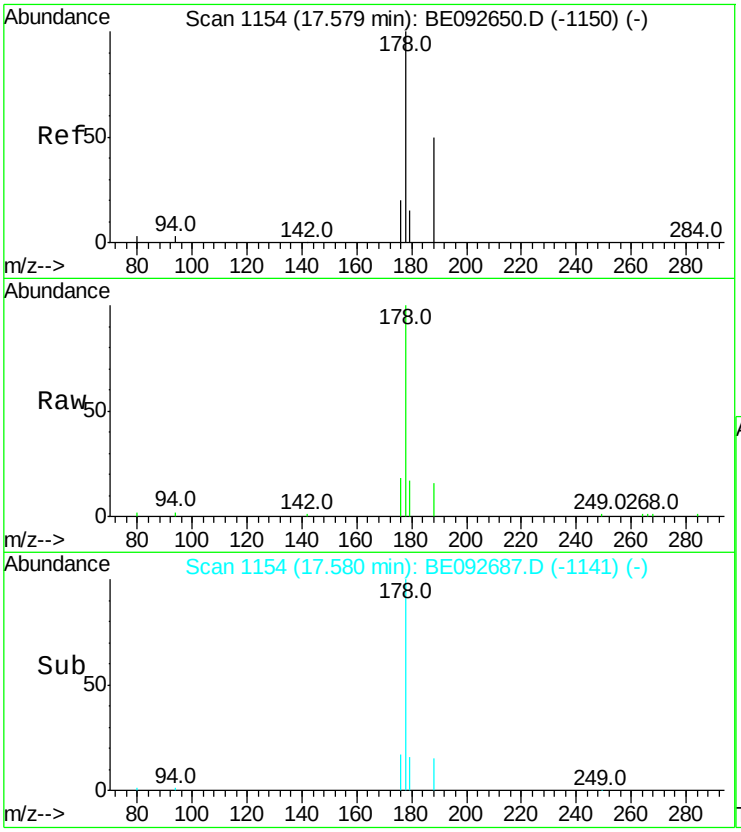


#20
Pentachlorophenol
Concen: 0.32 ng
RT: 17.28 min Scan# 1141
Delta R.T. 0.05 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Tgt Ion:266 Resp: 390

Ion	Ratio	Lower	Upper
266	100		
268	77.9	62.5	93.7
264	75.4	57.2	85.8



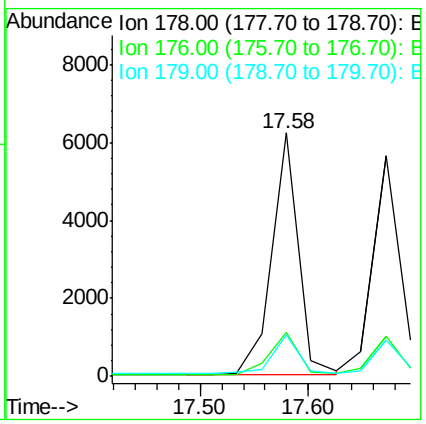


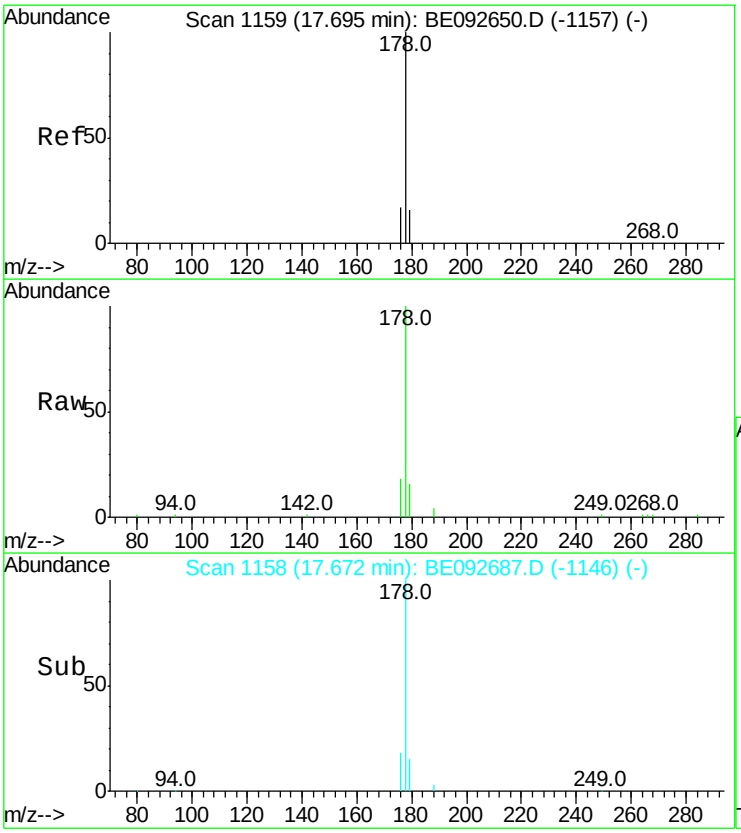
#21
Phenanthrene
Concen: 0.40 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 10623

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	16.6	16.0	24.0

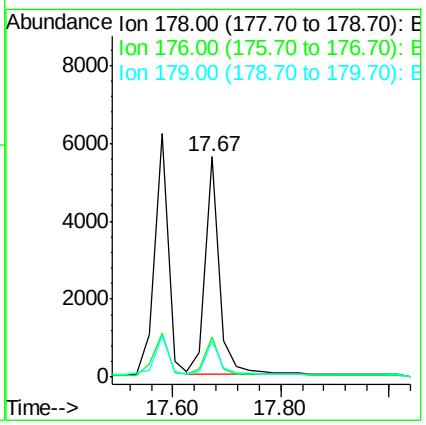


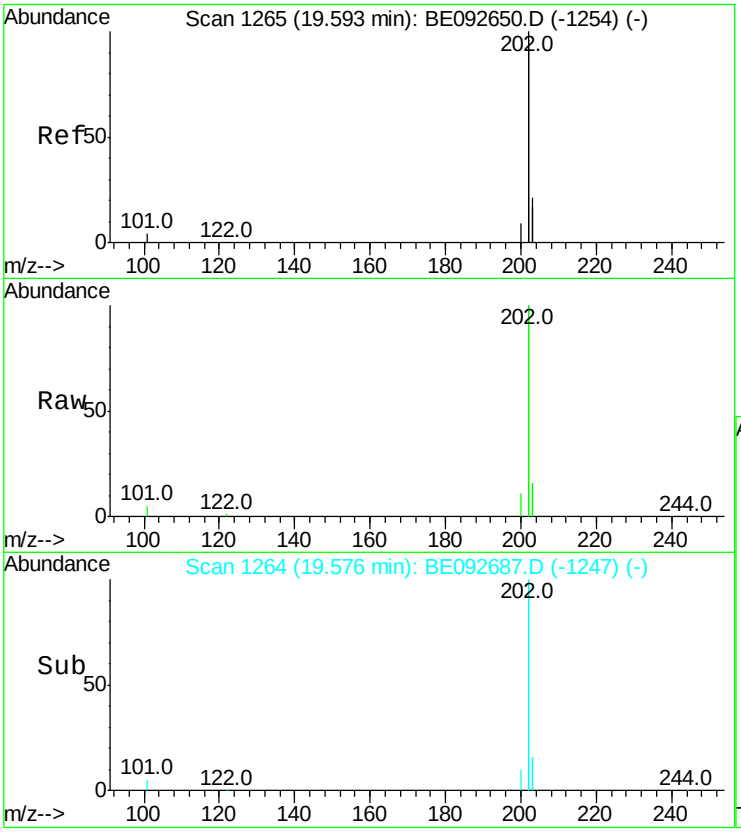


#22
Anthracene
Concen: 0.43 ng
RT: 17.67 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Tgt Ion:178 Resp: 10404

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	16.5	12.2	18.2



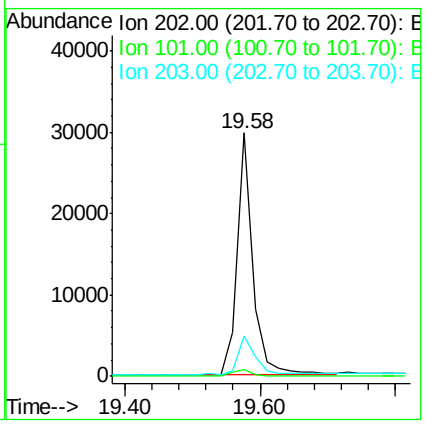


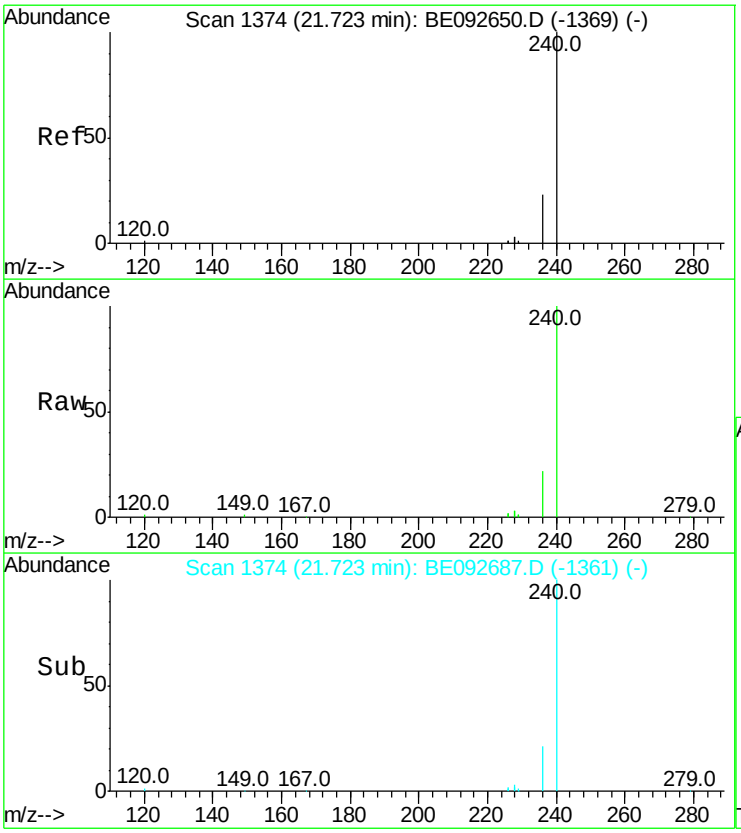
#23
Fluoranthene
Concen: 0.41 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 47519

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.5	13.7	20.5

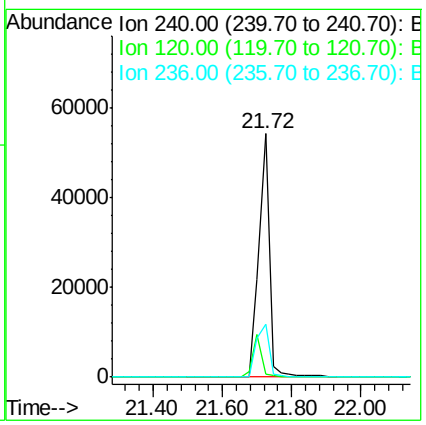


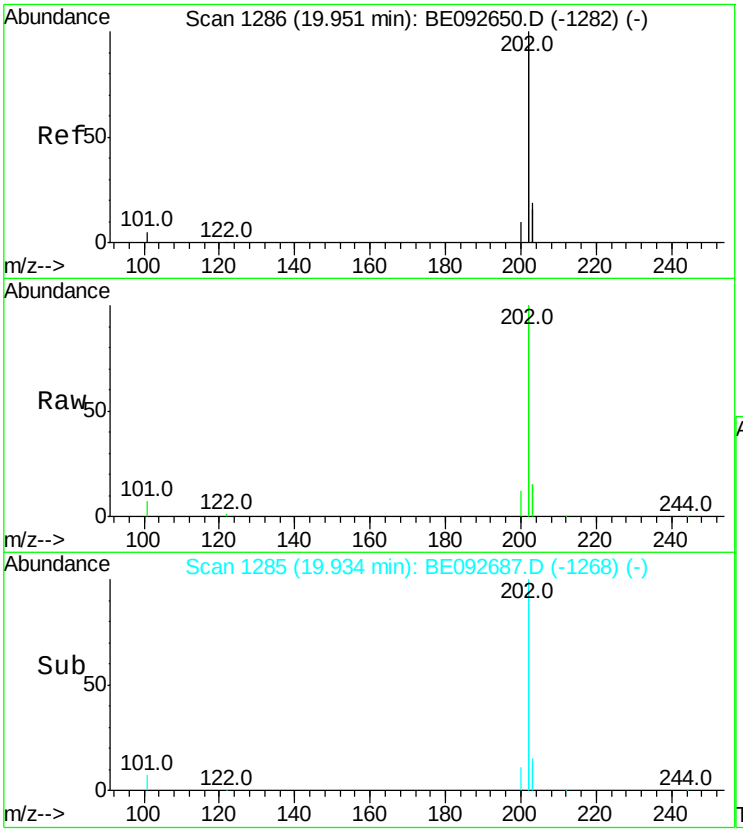


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Tgt Ion:240 Resp: 110246

Ion	Ratio	Lower	Upper
240	100		
120	1.0	2.6	4.0#
236	21.6	24.6	37.0#



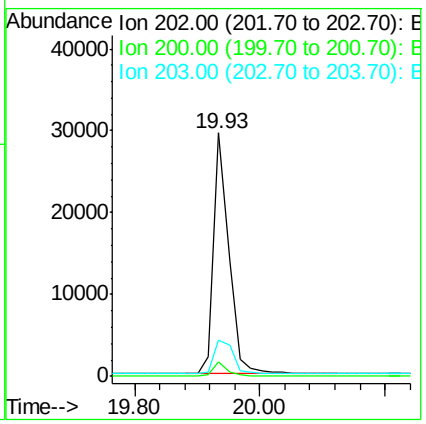


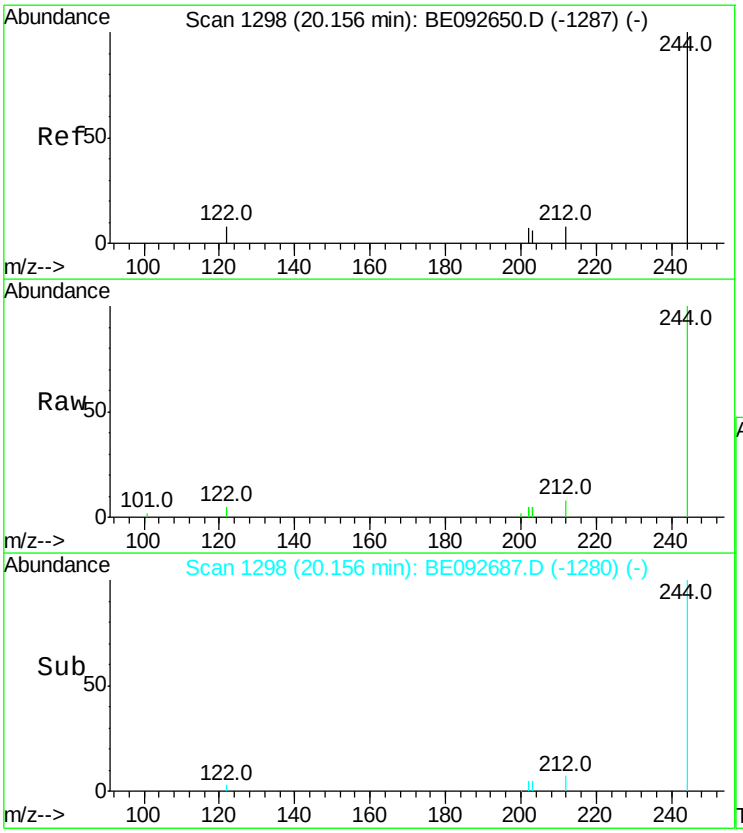
#25
Pyrene
Concen: 0.46 ng
RT: 19.93 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 49648

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.9	13.9	20.9

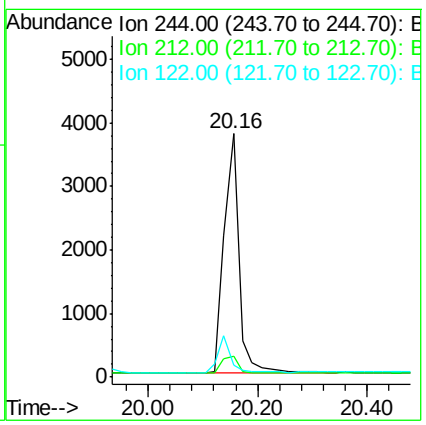


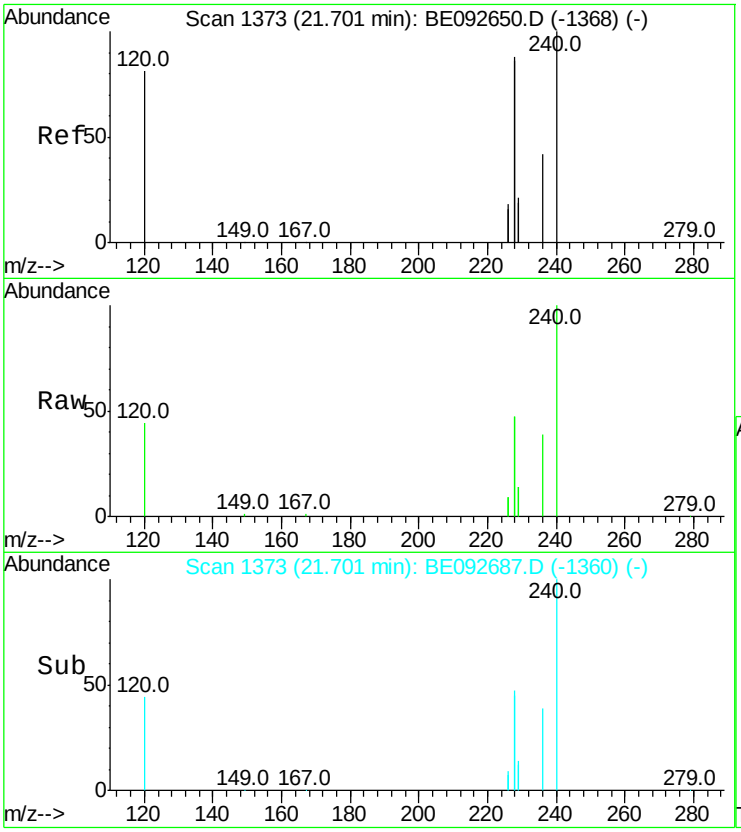


#26
Terphenyl-d14
Concen: 0.46 ng
RT: 20.16 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Tgt Ion:244 Resp: 7114

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.7	10.1
122	4.8	3.6	5.4



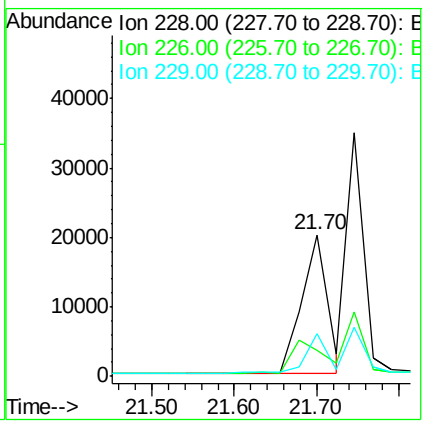


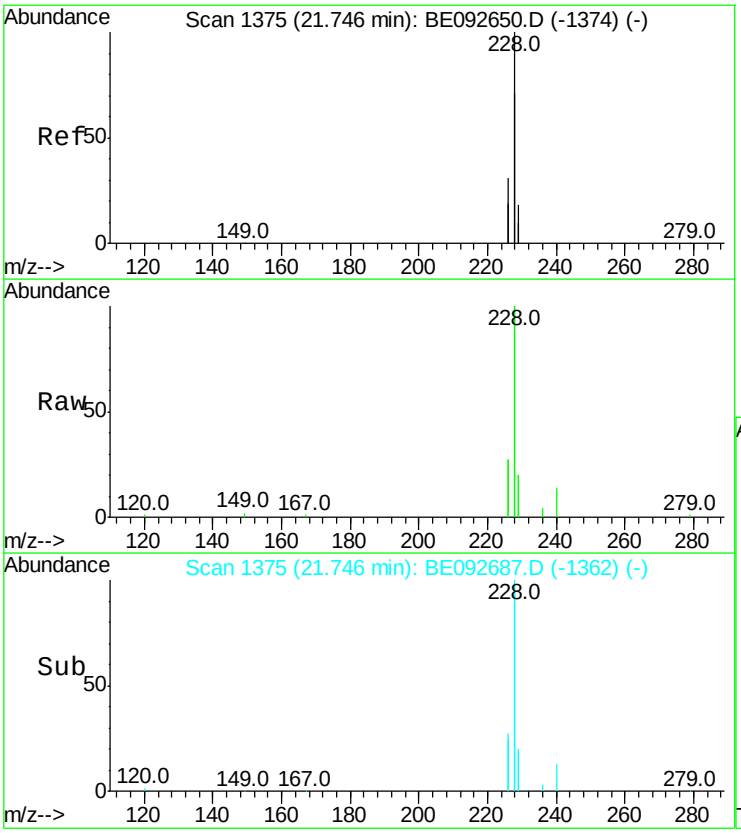
#27
Benzo(a)anthracene
Concen: 0.40 ng
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 43350

Ion	Ratio	Lower	Upper
228	100		
226	18.7	23.6	35.4#
229	29.8	13.3	19.9#

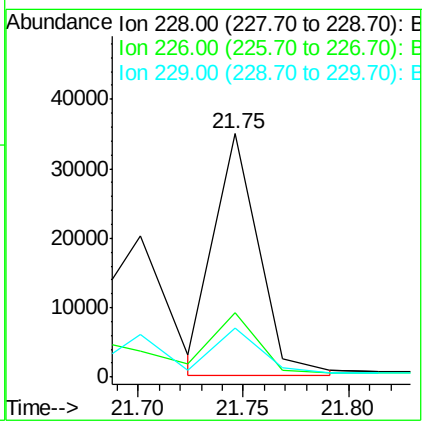


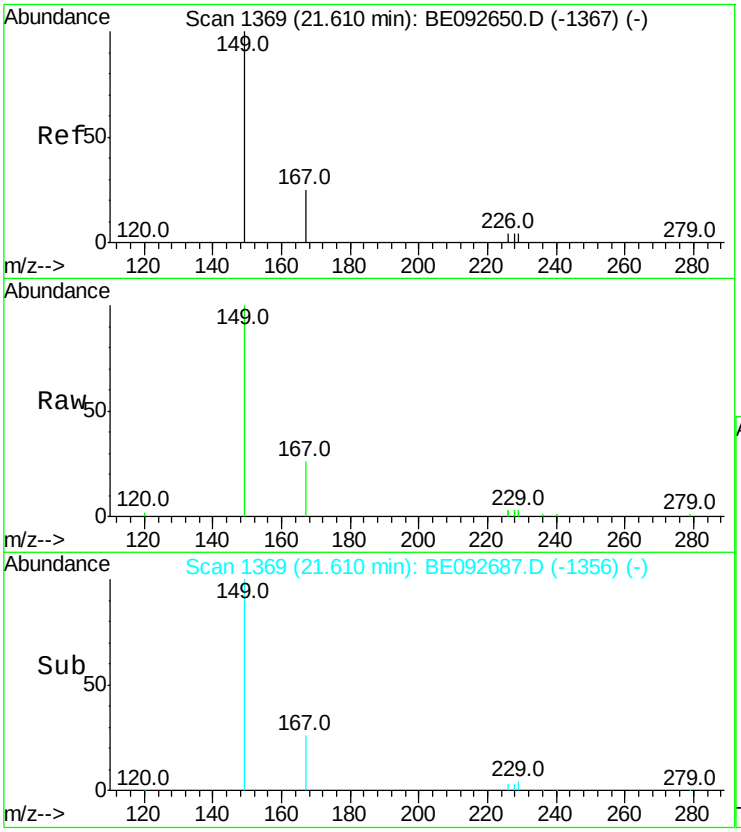


#28
Chrysene
Concen: 0.42 ng m
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Tgt Ion:228 Resp: 51462

Ion	Ratio	Lower	Upper
228	100		
226	26.7	36.3	54.5#
229	20.3	10.6	16.0#



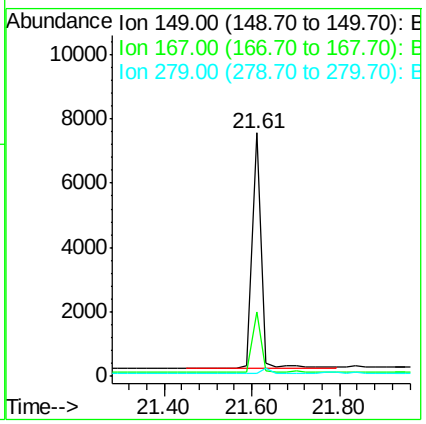


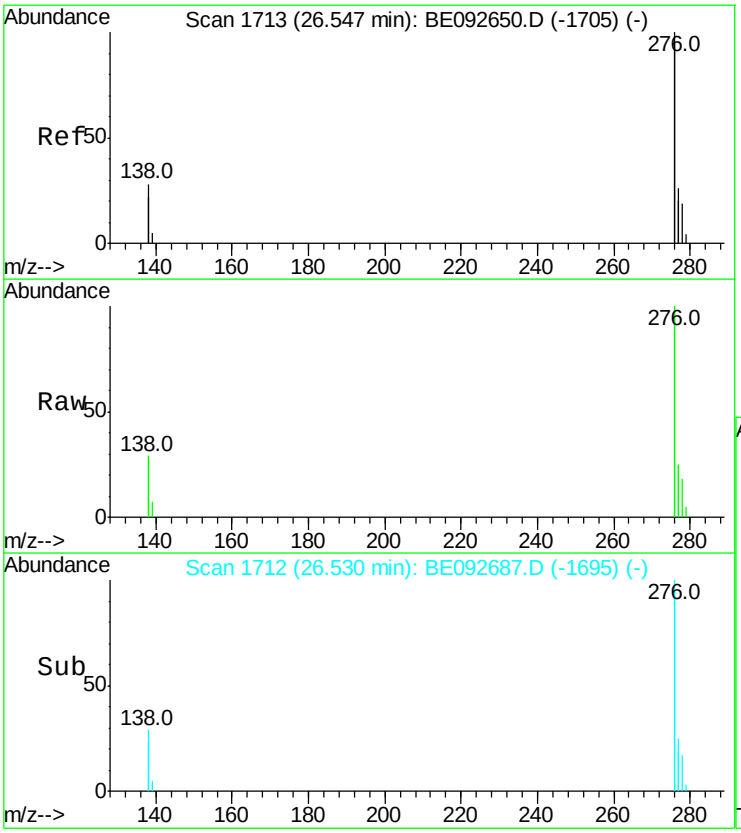
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.69 ng
RT: 21.61 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 10771

Ion	Ratio	Lower	Upper
149	100		
167	24.9	16.0	24.0#
279	0.0	16.0	24.0#

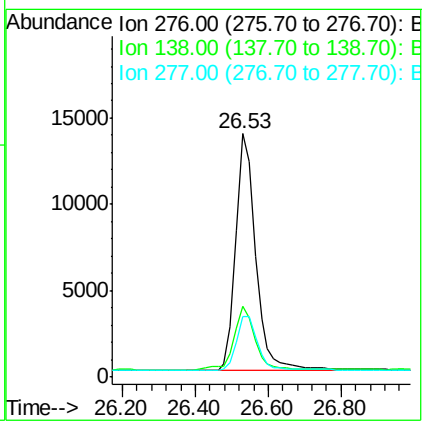


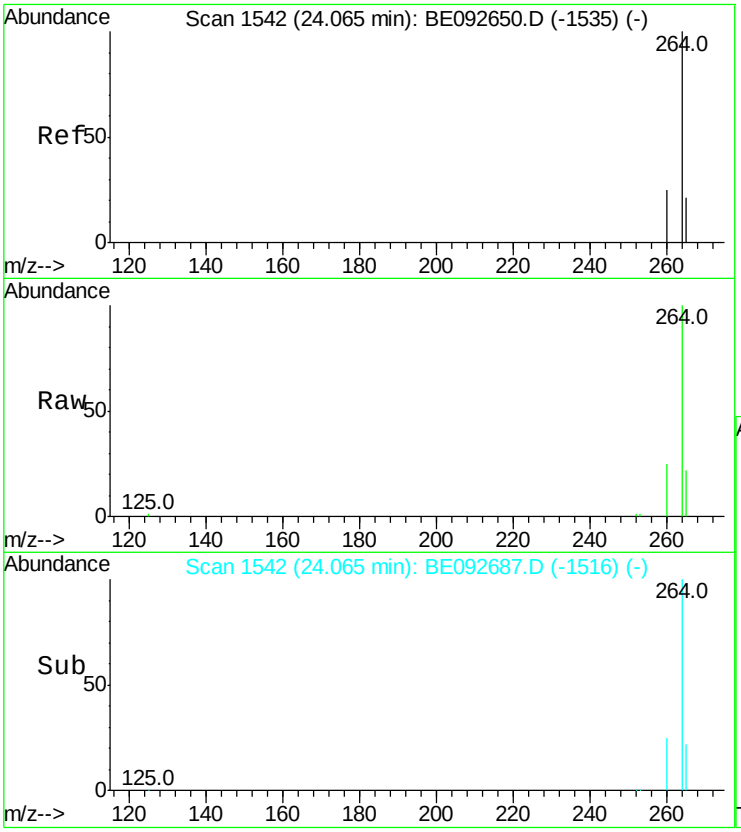


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.39 ng
RT: 26.53 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Tgt Ion:276 Resp: 52006

Ion	Ratio	Lower	Upper
276	100		
138	28.7	20.3	30.5
277	24.7	19.7	29.5



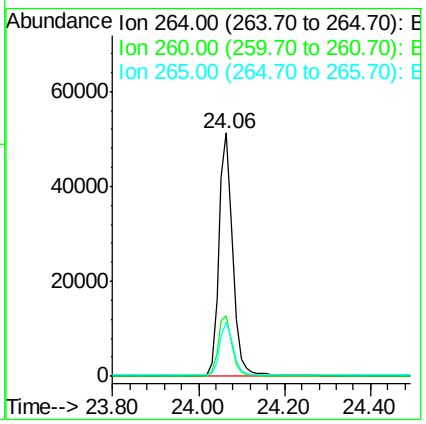


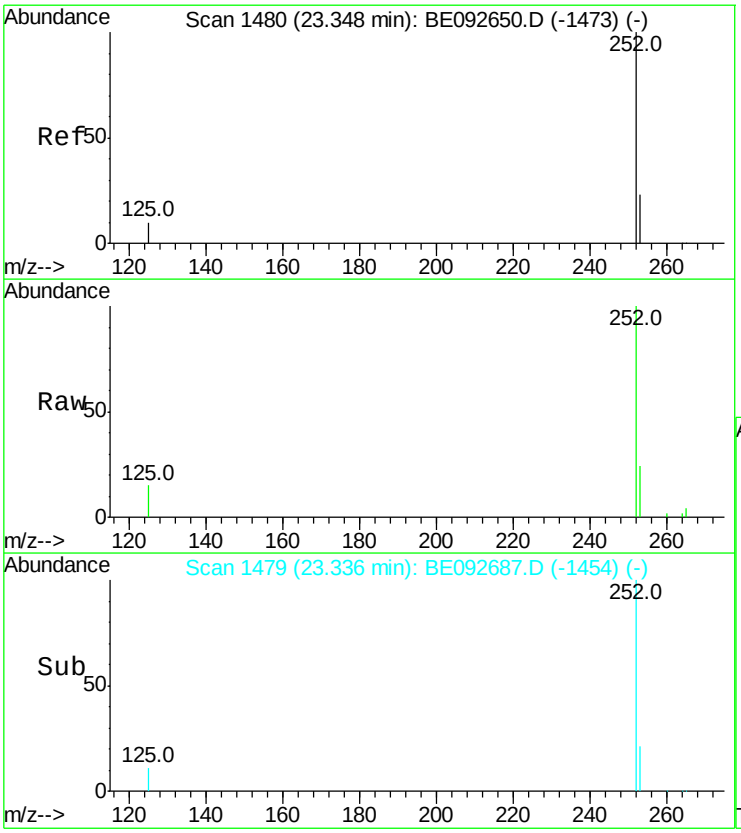
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 115570

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	22.1	17.9	26.9

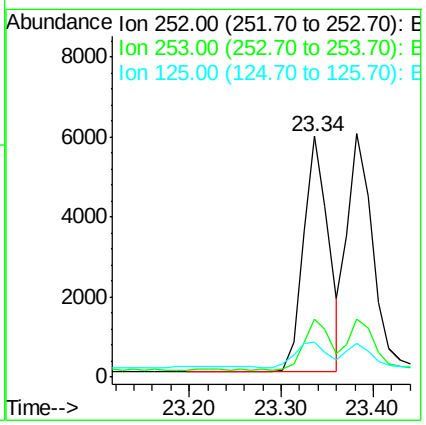


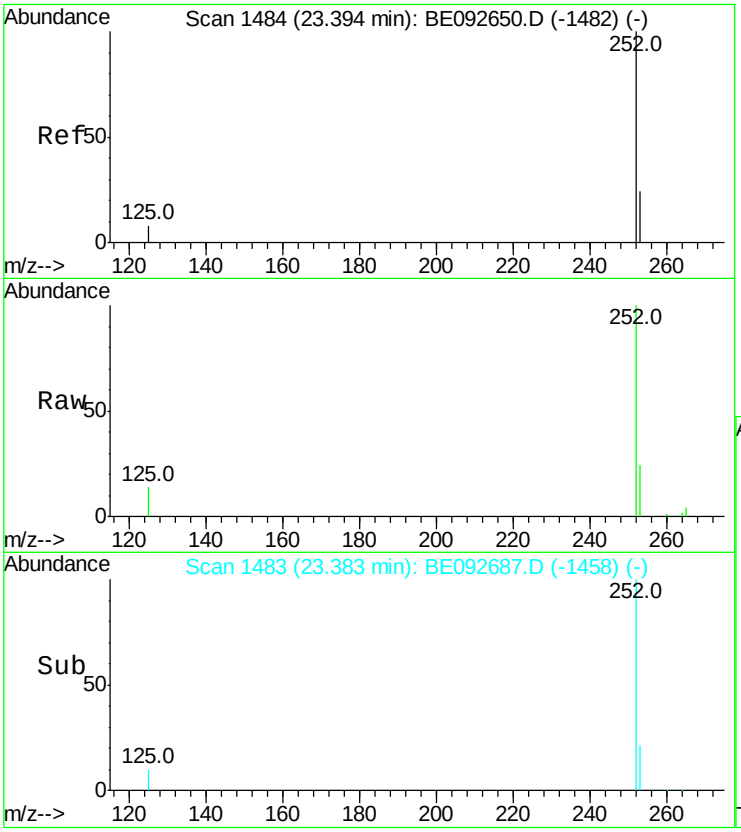


#32
Benzo(b)fluoranthene
Concen: 0.40 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Tgt Ion:252 Resp: 11242

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.7	28.1
125	14.7	10.5	15.7



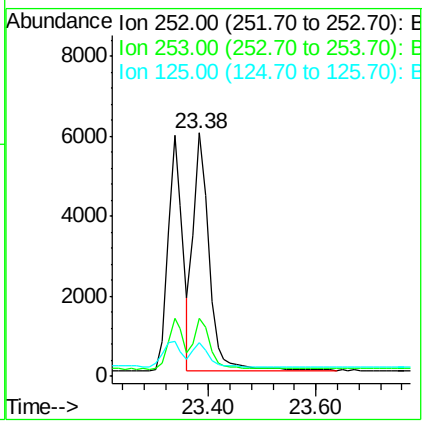


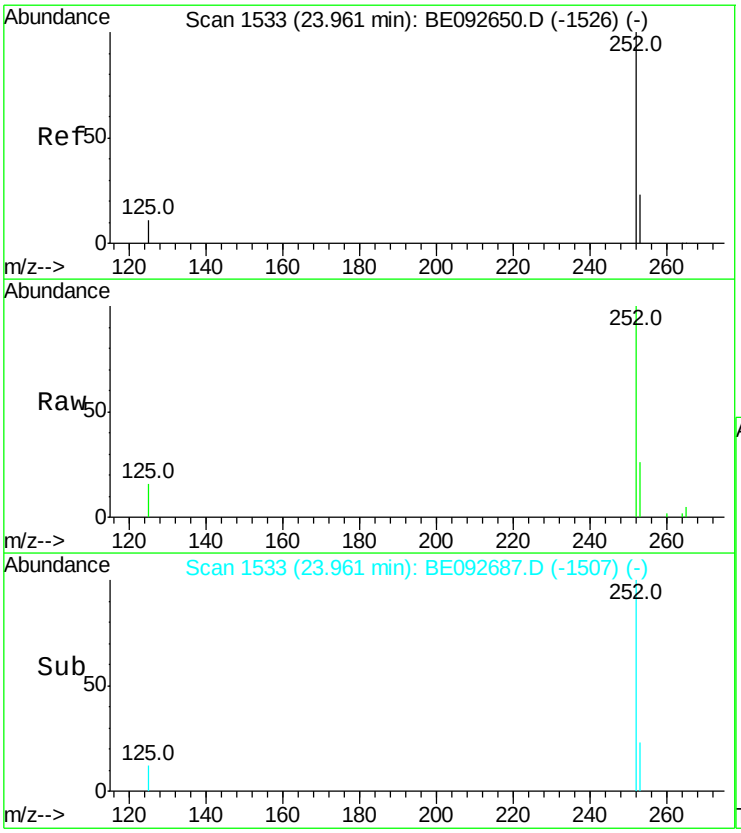
#33
Benzo(k)fluoranthene
Concen: 0.43 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 12040

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.3	30.5
125	14.1	9.6	14.4

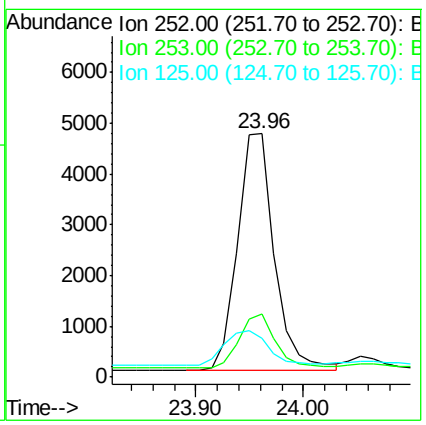


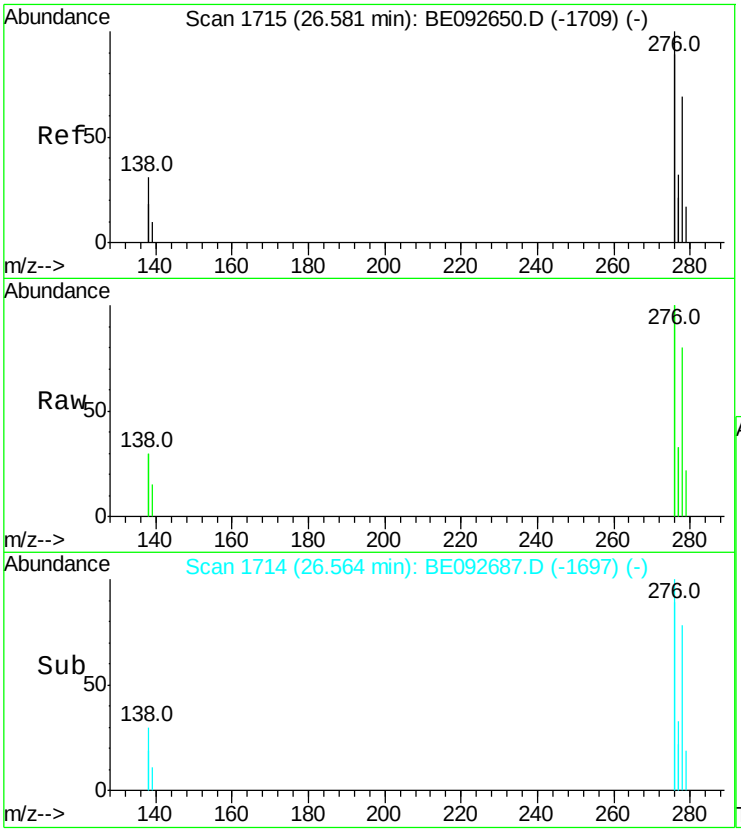


#34
Benzo(a)pyrene
Concen: 0.42 ng
RT: 23.96 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Tgt Ion:252 Resp: 11117

Ion	Ratio	Lower	Upper
252	100		
253	25.9	19.0	28.6
125	15.9	11.8	17.8



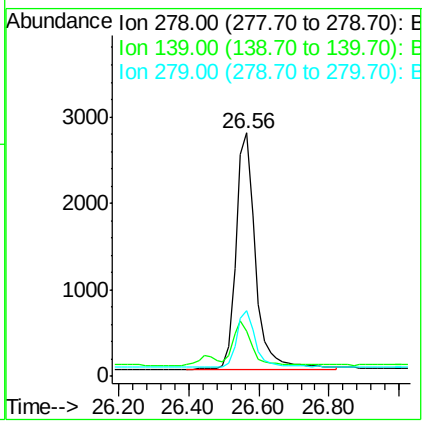


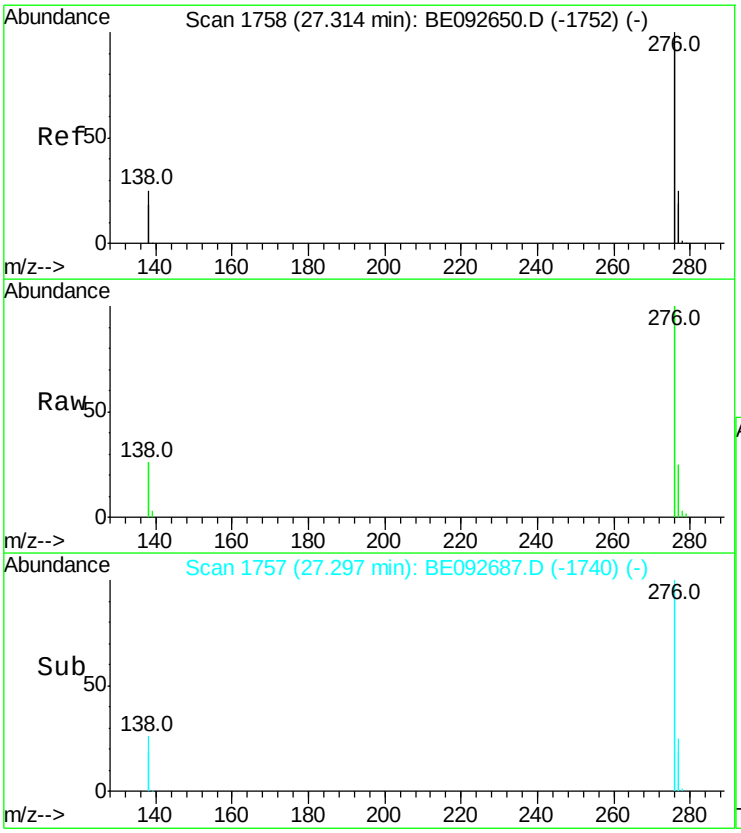
#35
Dibenzo(a,h)anthracene
Concen: 0.41 ng
RT: 26.56 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 10575

Ion	Ratio	Lower	Upper
278	100		
139	18.7	13.8	20.8
279	27.1	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.41 ng
RT: 27.30 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BE092687.D
Acq: 25 Jan 2017 17:48

Tgt Ion:276 Resp: 44439

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.8	29.8
138	26.0	19.8	29.6