Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111616\
Data File : BE092538.D
Acq On : 16 Nov 2016 17:51
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Nov 17 14:09:20 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	7250	5.00	ng		-0.02
7) Naphthalene-d8	10.93	136	35245	5.00	ng		0.00
12) Acenaphthene-d10	14.80	164	24867	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	55313	5.00	ng		0.00
24) Chrysene-d12	21.72	240	81948	5.00	ng		0.00
31) Perylene-d12	24.08	264	70413	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.68	112	487	0.40	ng		0.00
5) Phenol-d6	7.36	99	600	0.40	ng		0.00
8) Nitrobenzene-d5	9.36	82	741	0.40	ng		0.00
13) 2,4,6-Tribromophenol	16.31	330	194	0.35	ng		0.00
14) 2-Fluorobiphenyl	13.43	172	2406	0.40	ng		0.00
26) Terphenyl-d14	20.17	244	3496	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	447	0.42	ng		94
3) n-Nitrosodimethylamine	3.78	42	365	0.47	ng	#	96
6) bis(2-Chloroethyl)ether	7.59	93	666	0.34	ng	#	85
9) Naphthalene	10.99	128	2941	0.40	ng		96
10) Hexachlorobutadiene	11.26	225	461	0.42	ng		100
11) 2-Methylnaphthalene	12.64	142	1809	0.39	ng		93
15) Acenaphthylene	14.51	152	13176	0.38	ng		100
16) Acenaphthene	14.87	154	2218	0.39	ng		94
17) Fluorene	15.86	166	2761	0.39	ng		98
19) Hexachlorobenzene	16.87	284	874m	0.40	ng		
20) Pentachlorophenol	17.24	266	151m	0.45	ng		
21) Phenanthrene	17.60	178	5045	0.41	ng	#	74
22) Anthracene	17.70	178	4655	0.40	ng		98
23) Fluoranthene	19.59	202	23213	0.40	ng		99
25) Pyrene	19.95	202	24256	0.37	ng		100
27) Benzo(a)anthracene	21.70	228	27498m	0.45	ng		
28) Chrysene	21.75	228	28278m	0.41	ng		
29) Bis(2-ethylhexyl)phthalate	21.61	149	1765	0.44	ng	#	73
30) Indeno(1,2,3-cd)pyrene	26.56	276	28801	0.42	ng		98
32) Benzo(b)fluoranthene	23.36	252	6895	0.40	ng		97
33) Benzo(k)fluoranthene	23.41	252	6582	0.37	ng		99
34) Benzo(a)pyrene	23.97	252	5858	0.37	ng		98
35) Dibenzo(a,h)anthracene	26.58	278	5770	0.37	ng	#	96
36) Benzo(g,h,i)perylene	27.33	276	25171	0.38	ng		99

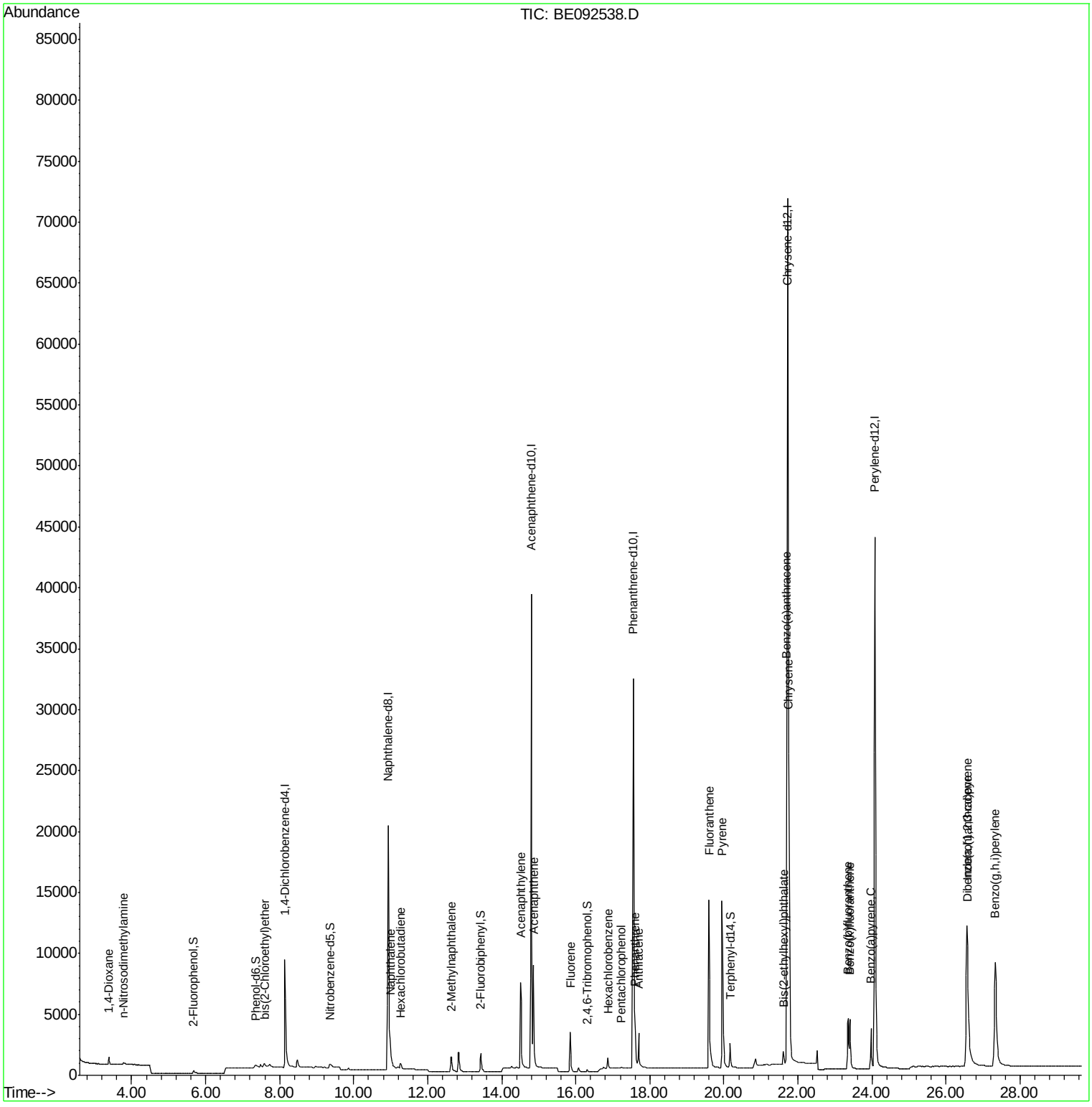
(#) = qualifier out of range (m) = manual integration (+) = signals summed

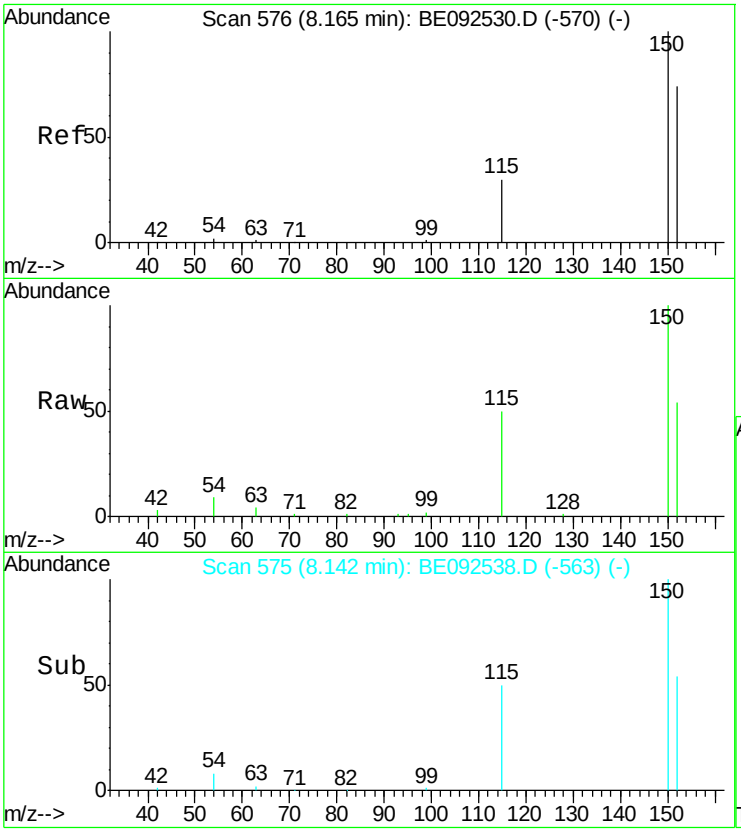
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111616\
Data File : BE092538.D
Acq On : 16 Nov 2016 17:51
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Nov 17 14:09:20 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



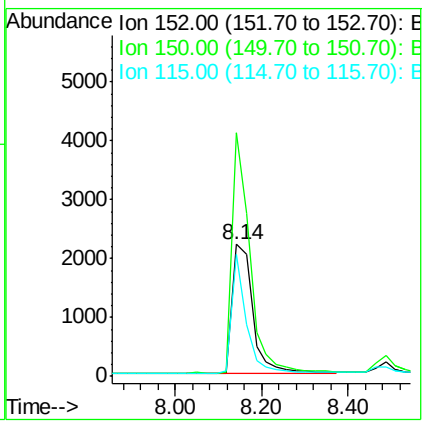


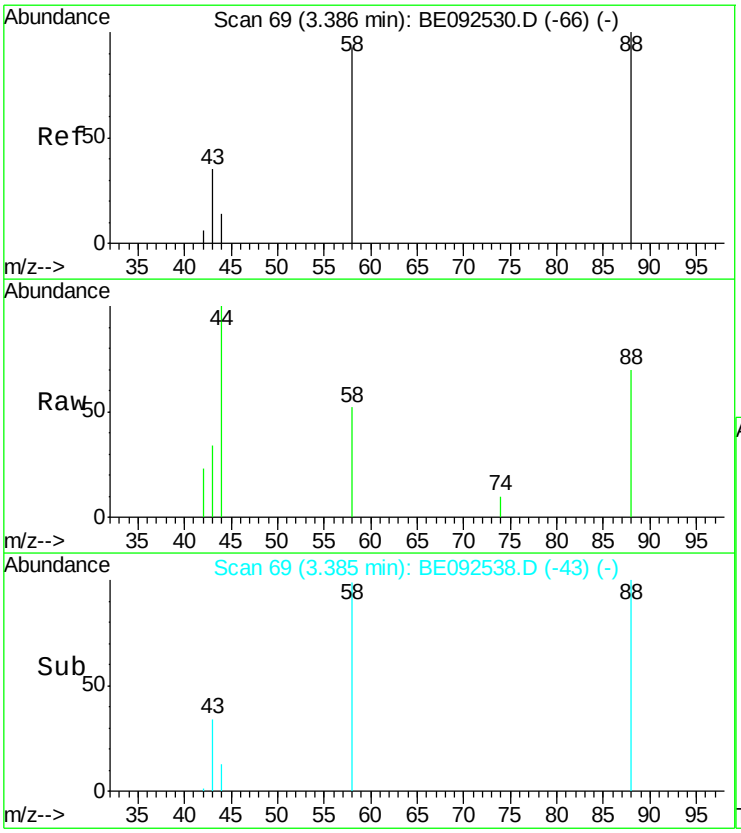
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. -0.02 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 7250

Ion	Ratio	Lower	Upper
152	100		
150	184.3	106.0	159.0#
115	92.7	31.2	46.8#

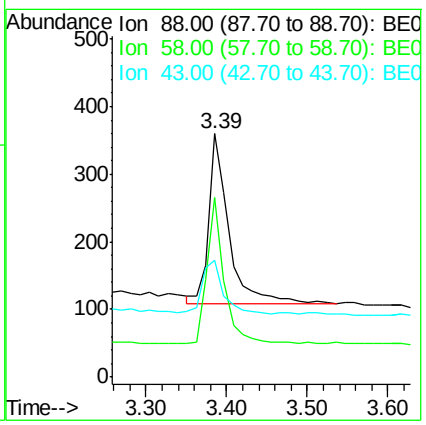


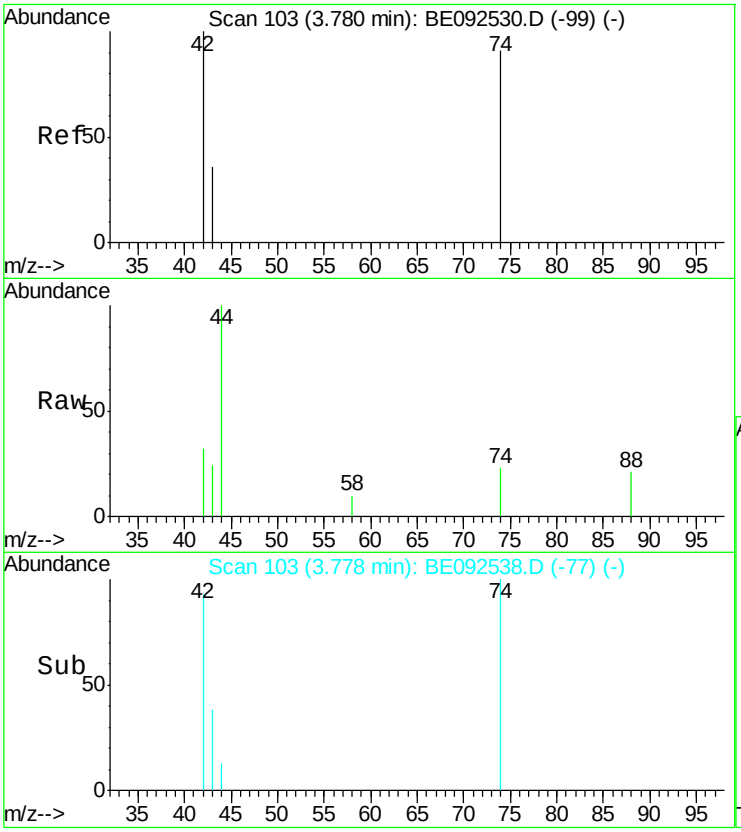


#2
1,4-Dioxane
Concen: 0.42 ng
RT: 3.39 min Scan# 69
Delta R.T. -0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Tgt Ion: 88 Resp: 447

Ion	Ratio	Lower	Upper
88	100		
58	74.5	63.6	95.4
43	30.2	28.0	42.0



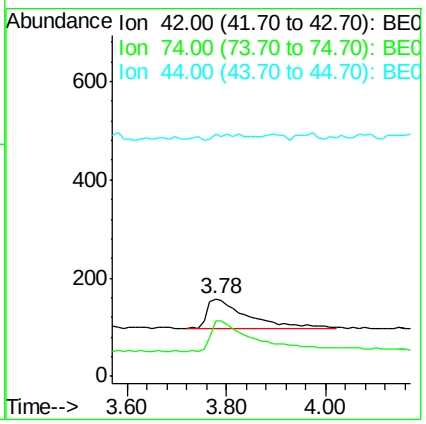


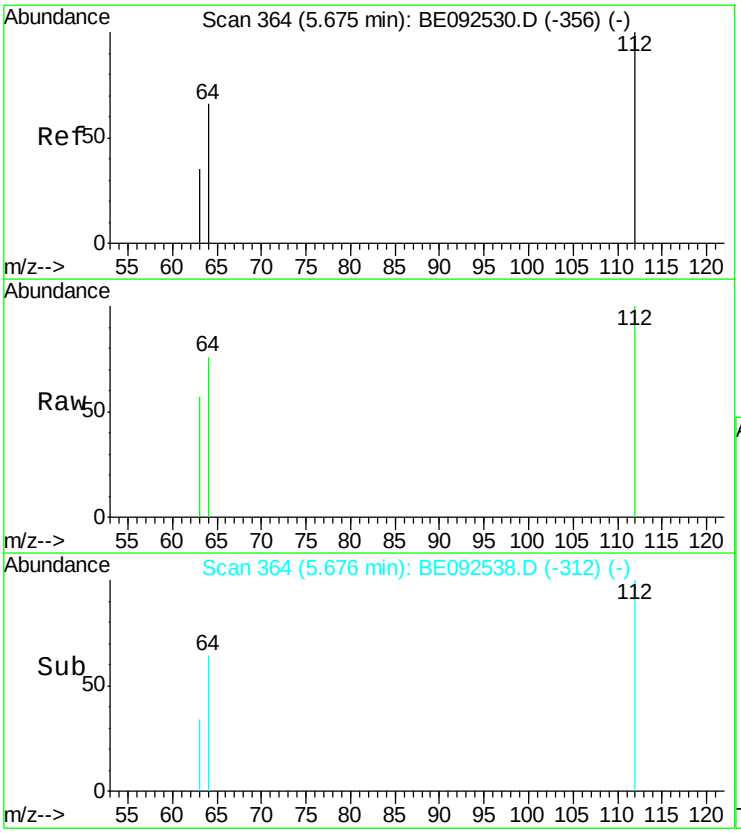
#3
n-Nitrosodimethylamine
Concen: 0.47 ng
RT: 3.78 min Scan# 103
Delta R.T. -0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 365

Ion	Ratio	Lower	Upper
42	100		
74	104.7	86.0	129.0
44	15.9	5.1	7.7#

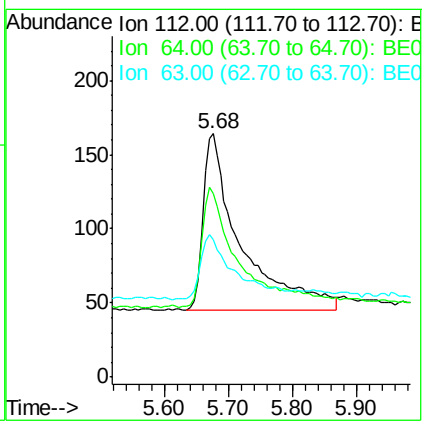


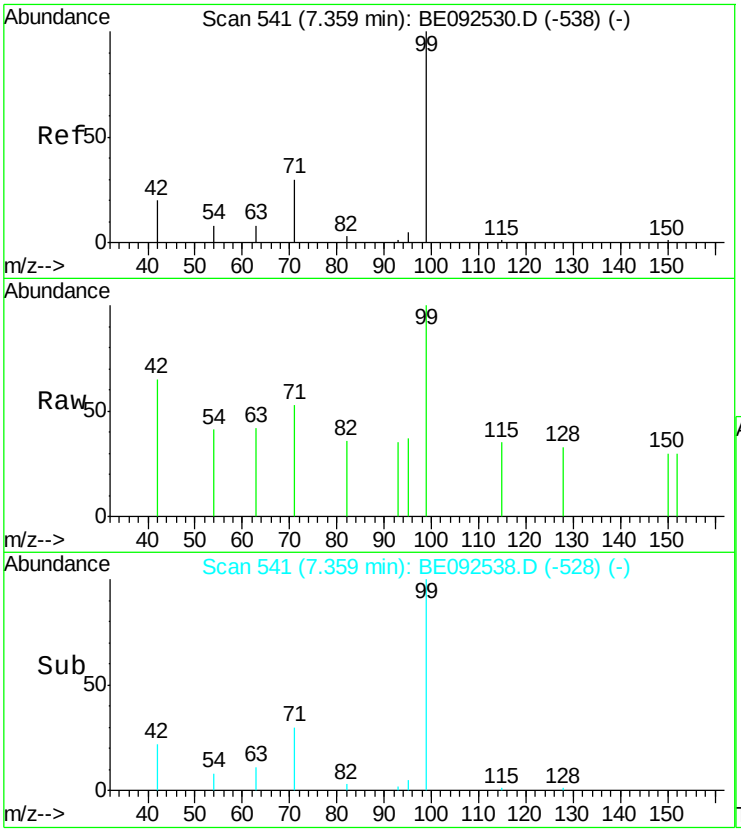


#4
2-Fluorophenol
Concen: 0.40 ng
RT: 5.68 min Scan# 364
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Tgt Ion:112 Resp: 487

Ion	Ratio	Lower	Upper
112	100		
64	69.0	53.5	80.3
63	34.7	27.9	41.9



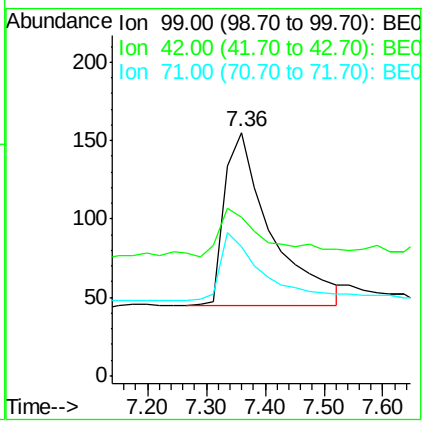


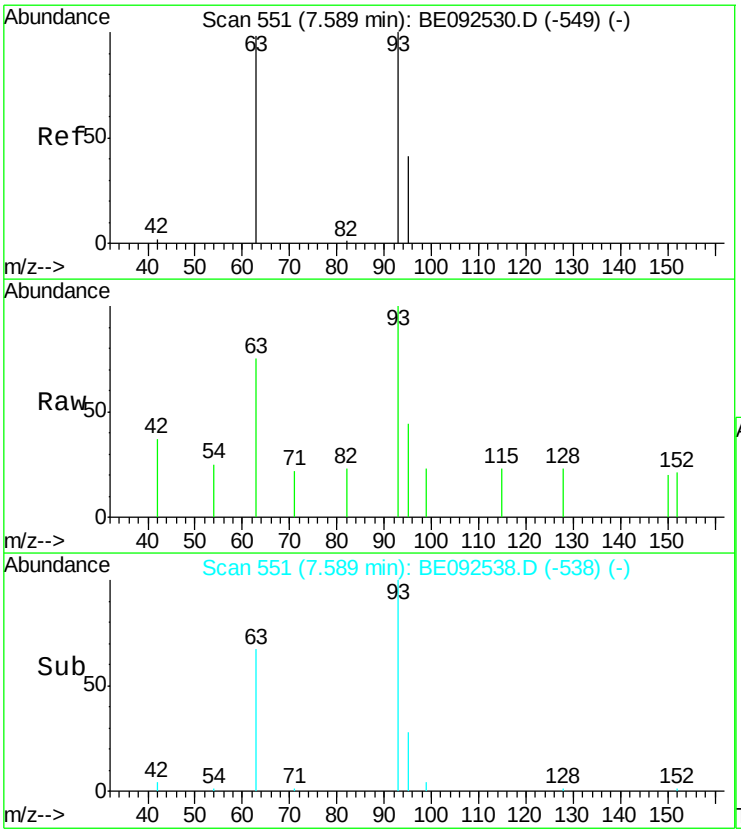
#5
Phenol-d6
Concen: 0.40 ng
RT: 7.36 min Scan# 541
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 600

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

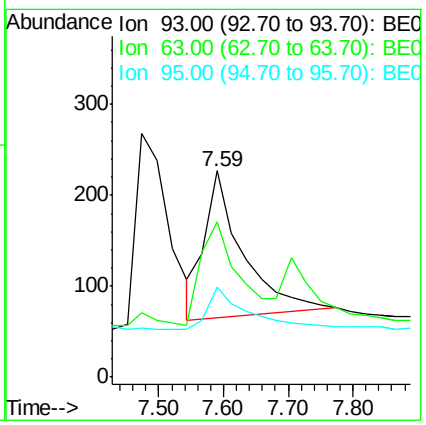


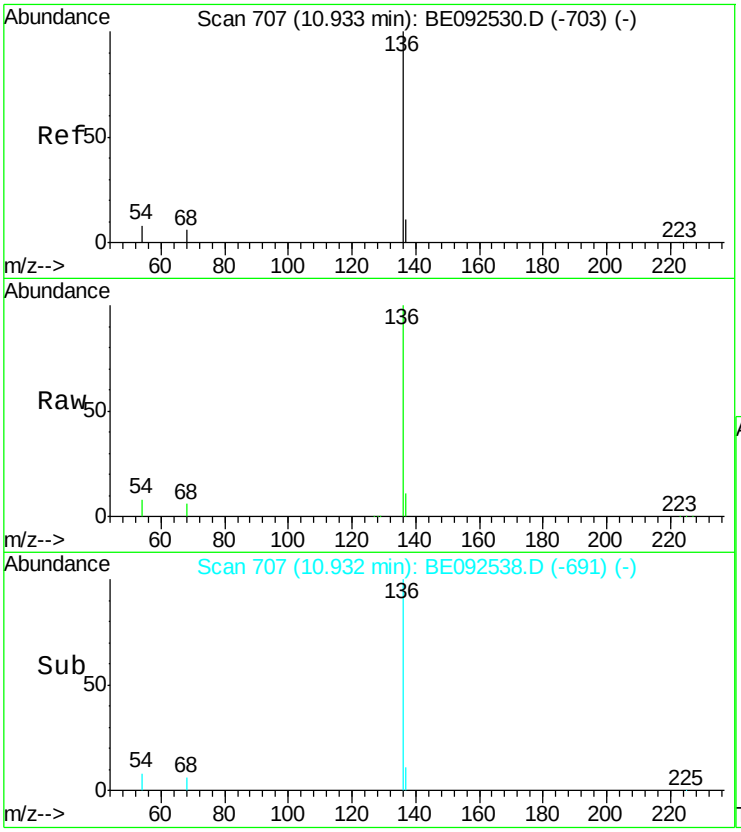


#6
bis(2-Chloroethyl)ether
Concen: 0.34 ng
RT: 7.59 min Scan# 551
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Tgt Ion: 93 Resp: 666

Ion	Ratio	Lower	Upper
93	100		
63	71.0	71.6	107.4#
95	30.0	24.0	36.0



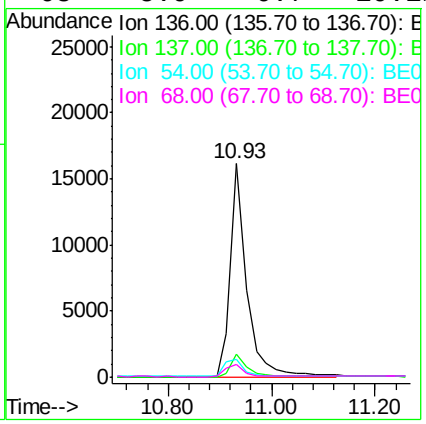


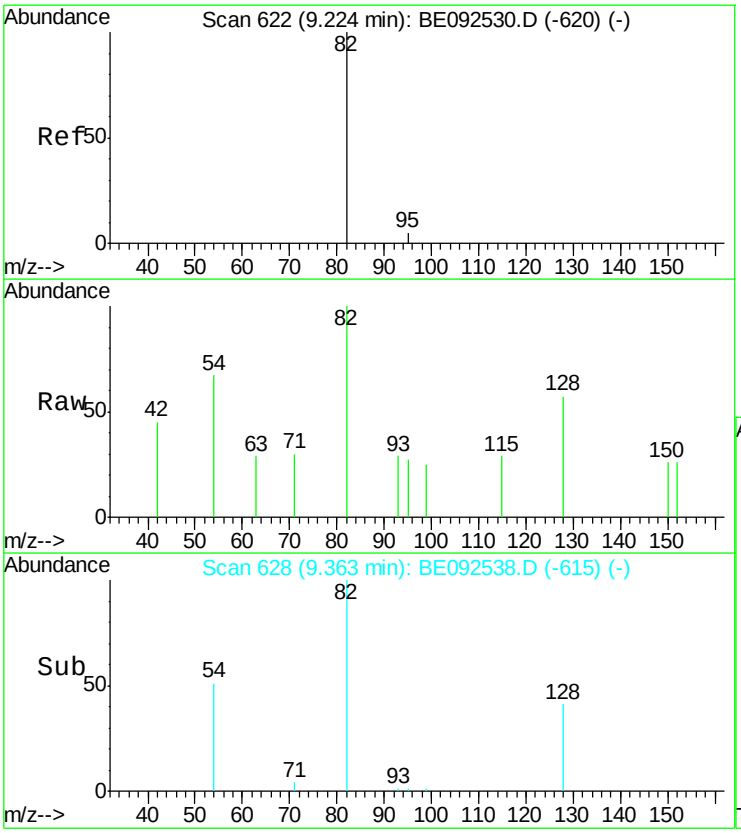
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.93 min Scan# 707
Delta R.T. -0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 35245

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	8.2	9.6	14.4#
68	5.9	6.7	10.1#

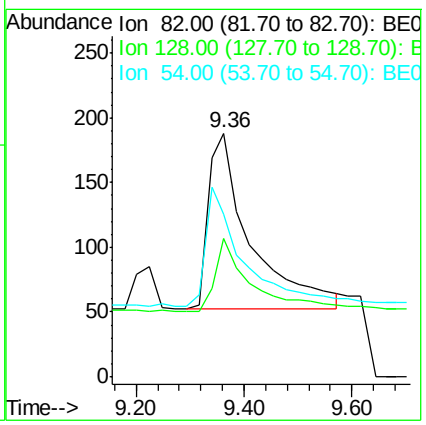


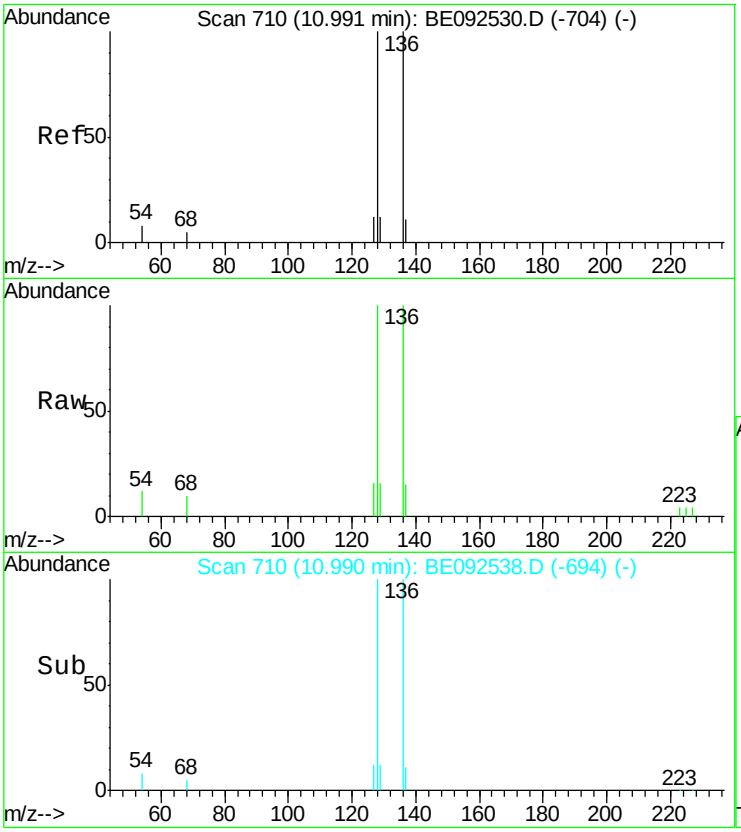


#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 9.36 min Scan# 628
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Tgt Ion: 82 Resp: 741

Ion	Ratio	Lower	Upper
82	100		
128	56.9	39.0	58.4
54	67.0	44.8	67.2



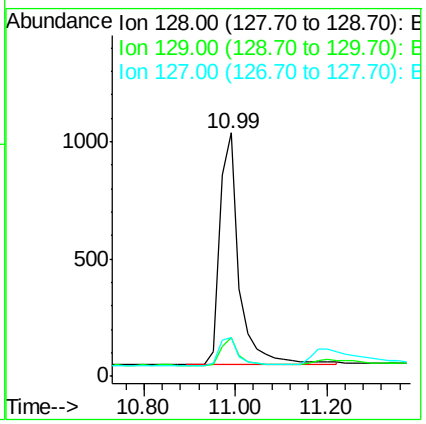


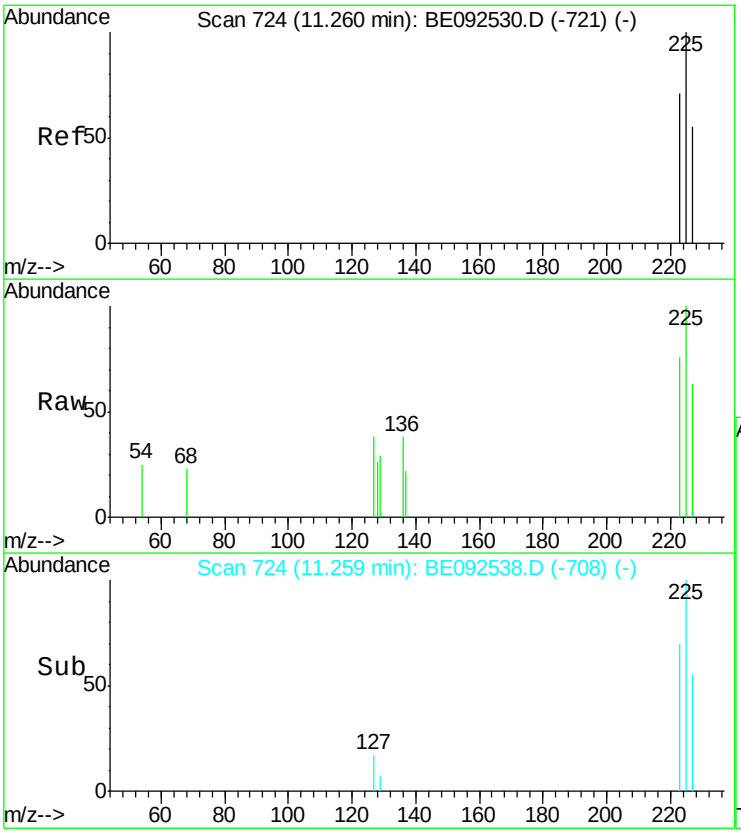
#9
Naphthalene
Concen: 0.40 ng
RT: 10.99 min Scan# 710
Delta R.T. -0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 2941

Ion	Ratio	Lower	Upper
128	100		
129	15.7	11.2	16.8
127	15.7	11.6	17.4

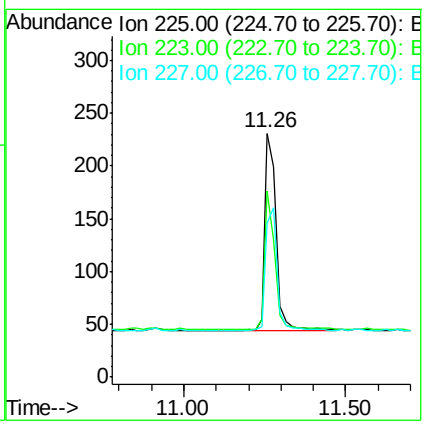


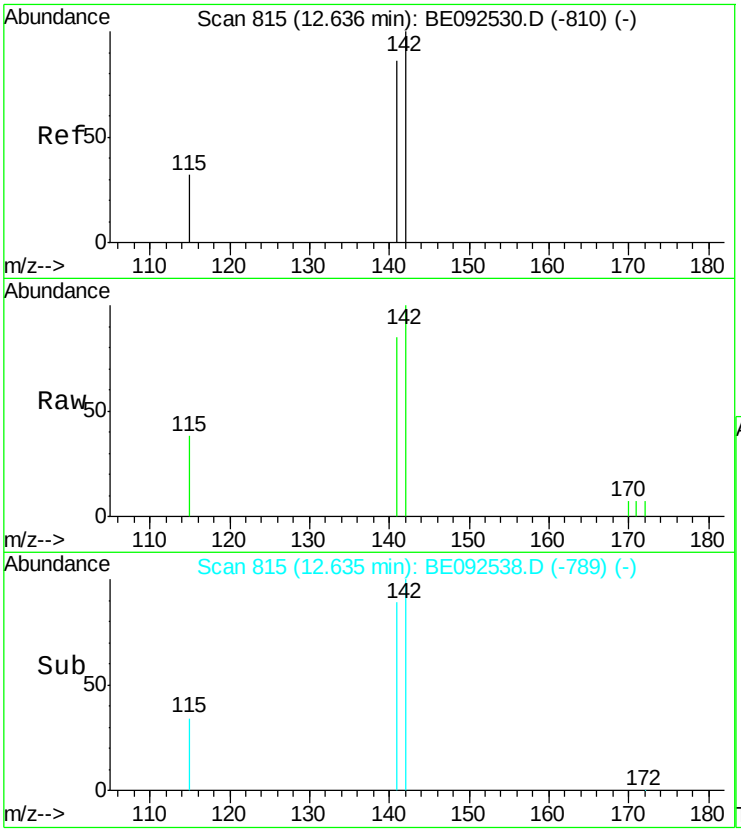


#10
Hexachlorobutadiene
Concen: 0.42 ng
RT: 11.26 min Scan# 724
Delta R.T. -0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Tgt Ion:225 Resp: 461

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	63.6	51.4	77.0



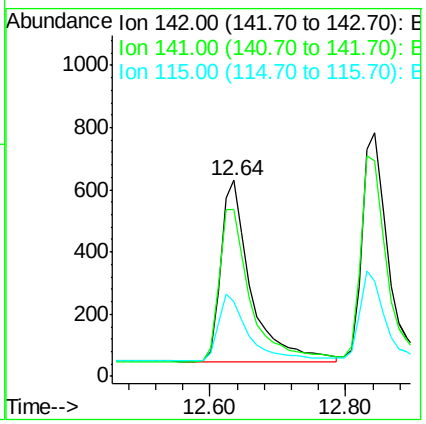


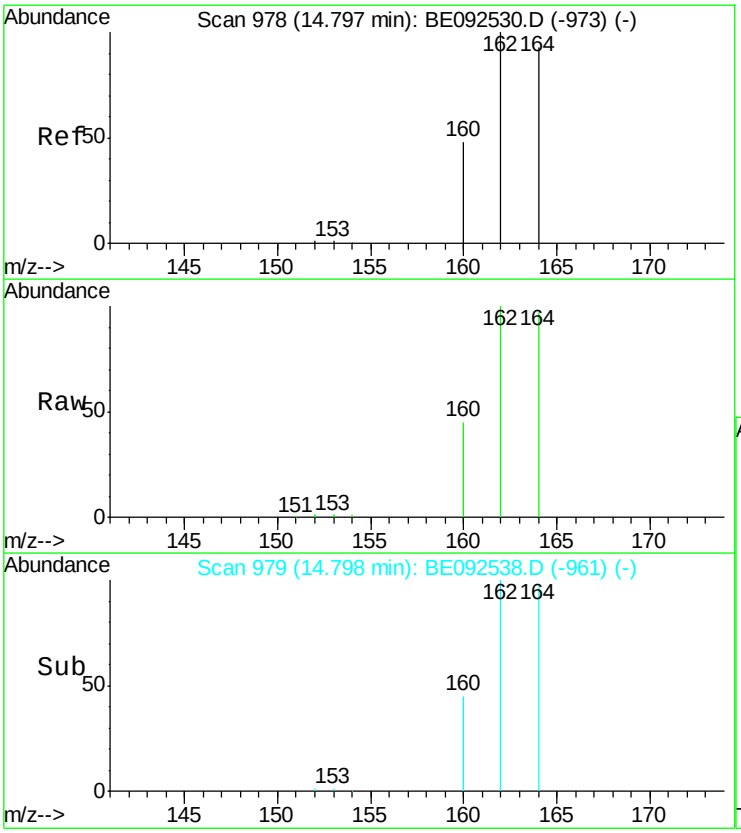
#11
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.64 min Scan# 815
Delta R.T. -0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:142 Resp: 1809

Ion	Ratio	Lower	Upper
142	100		
141	85.3	73.7	110.5
115	38.2	34.0	51.0

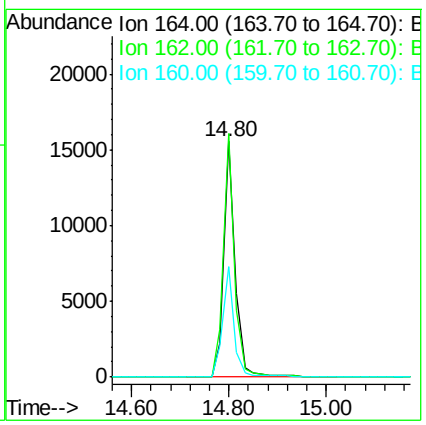


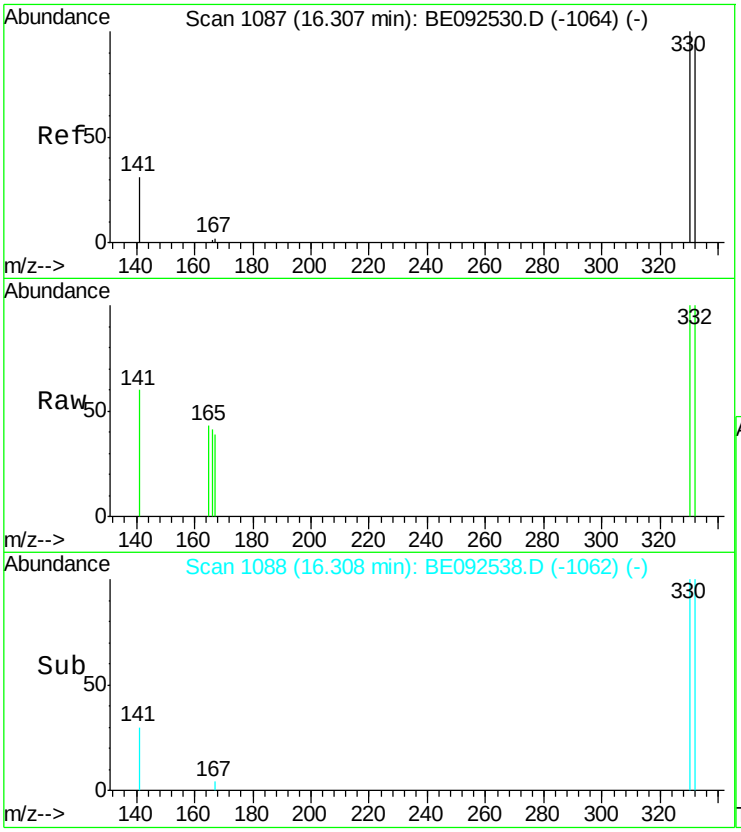


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 979
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Tgt Ion:164 Resp: 24867

Ion	Ratio	Lower	Upper
164	100		
162	103.2	71.4	107.0
160	46.9	27.4	41.2#



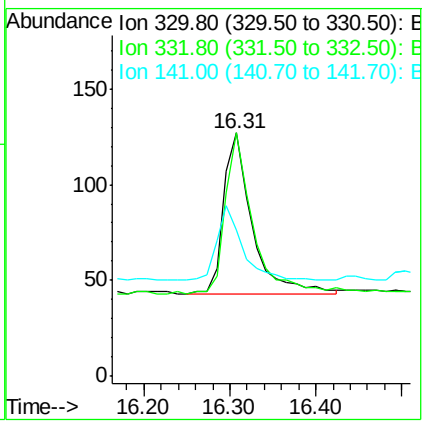


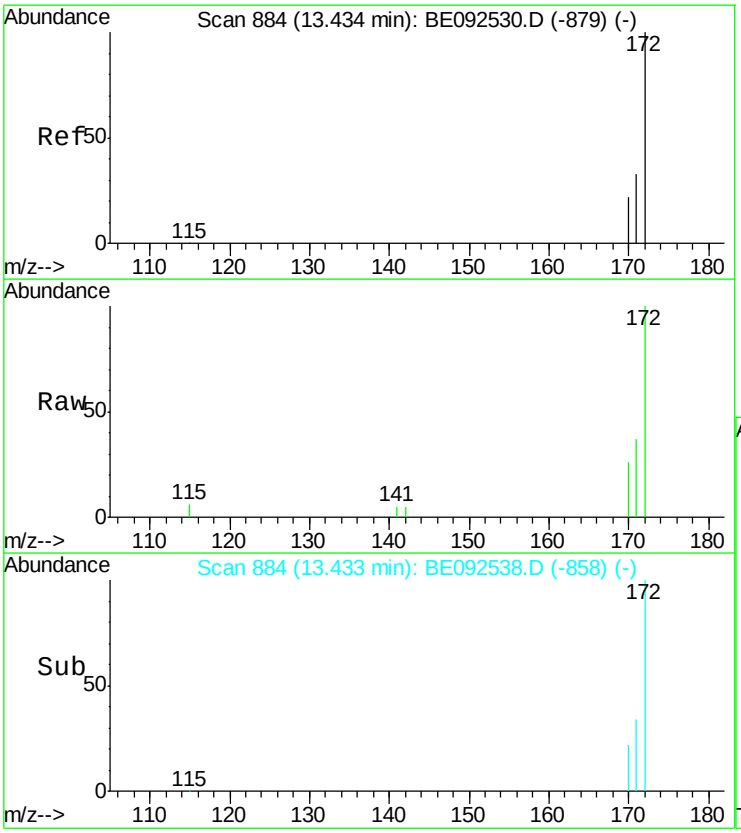
#13
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 16.31 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:330 Resp: 194

Ion	Ratio	Lower	Upper
330	100		
332	100.0	75.4	113.0
141	41.8	31.0	46.6

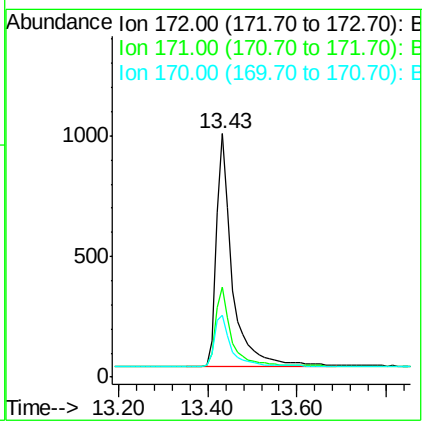


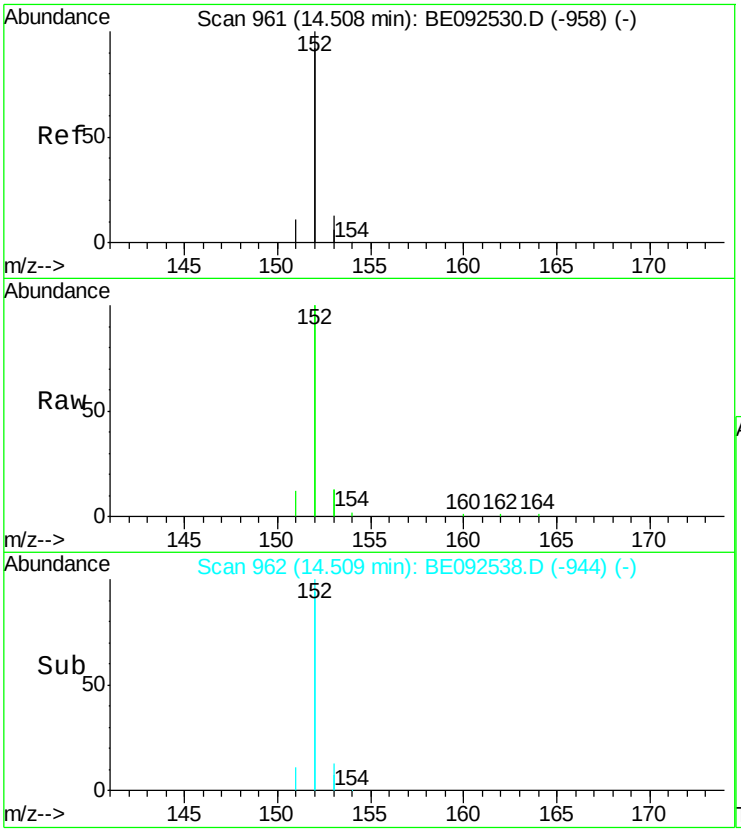


#14
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.43 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Tgt Ion:172 Resp: 2406

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.1	45.1
170	25.6	21.8	32.6



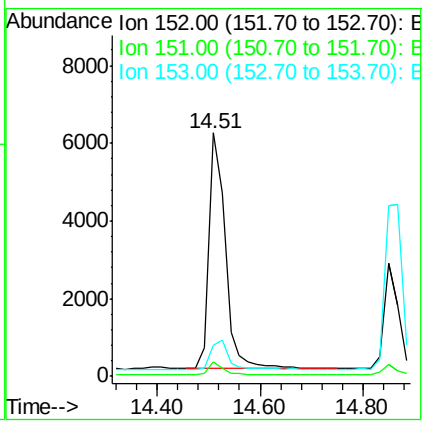


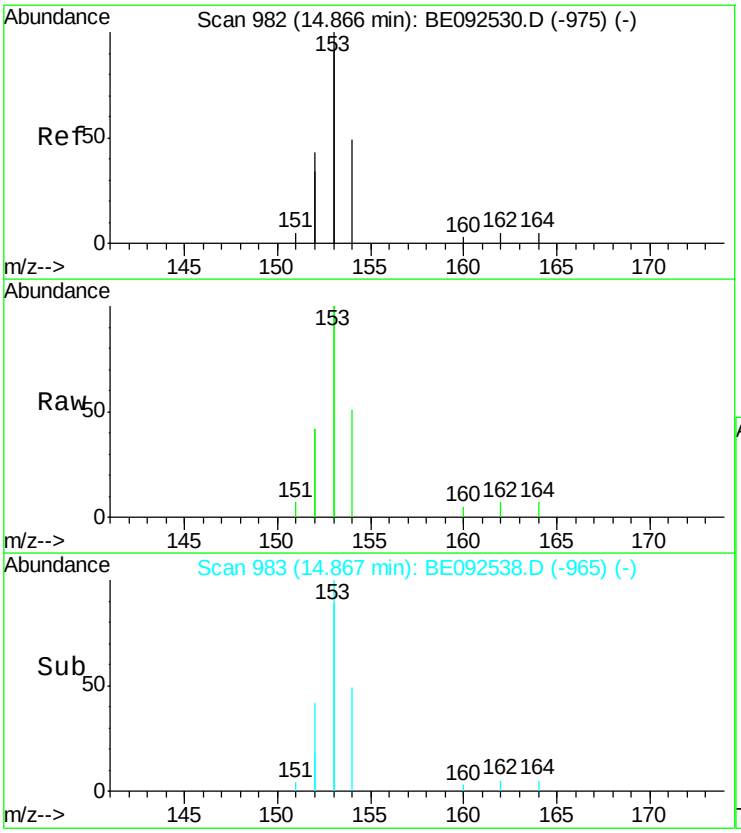
#15
Acenaphthylene
Concen: 0.38 ng
RT: 14.51 min Scan# 962
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 13176

Ion	Ratio	Lower	Upper
152	100		
151	5.1	3.9	5.9
153	13.0	10.4	15.6

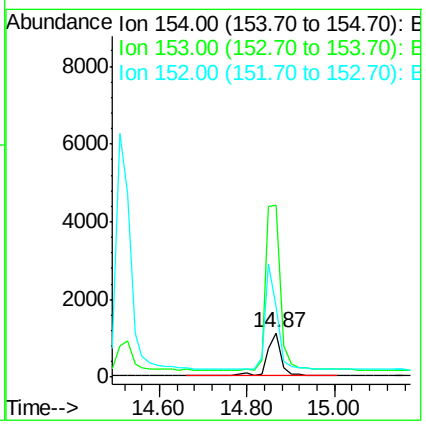


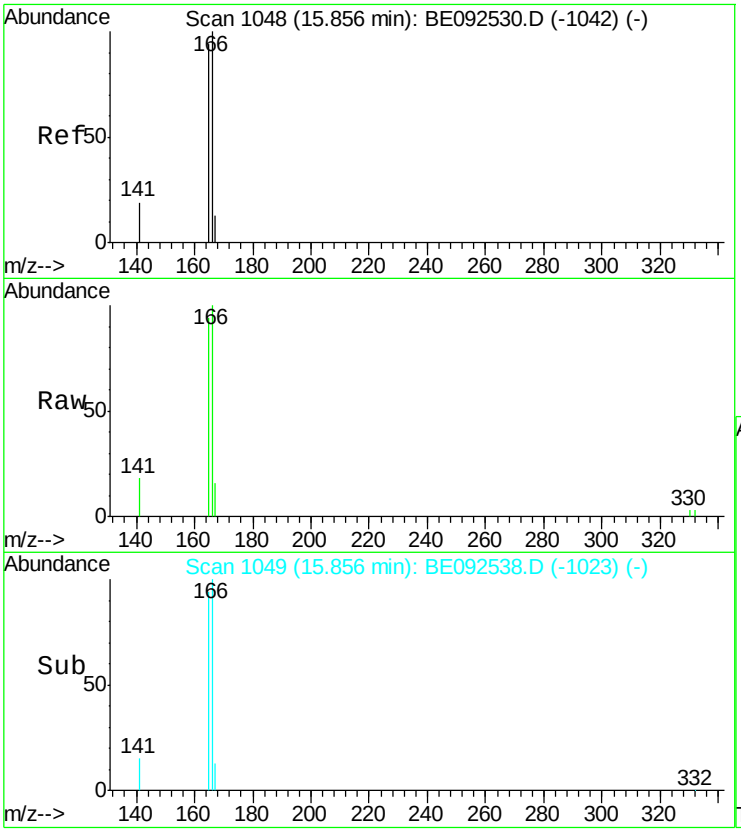


#16
Acenaphthene
Concen: 0.39 ng
RT: 14.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Tgt Ion:154 Resp: 2218

Ion	Ratio	Lower	Upper
154	100		
153	445.3	350.8	526.2
152	235.0	171.1	256.7



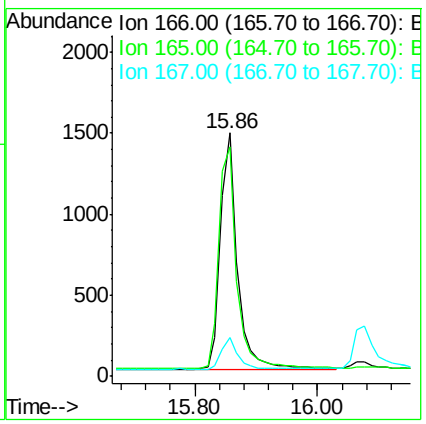


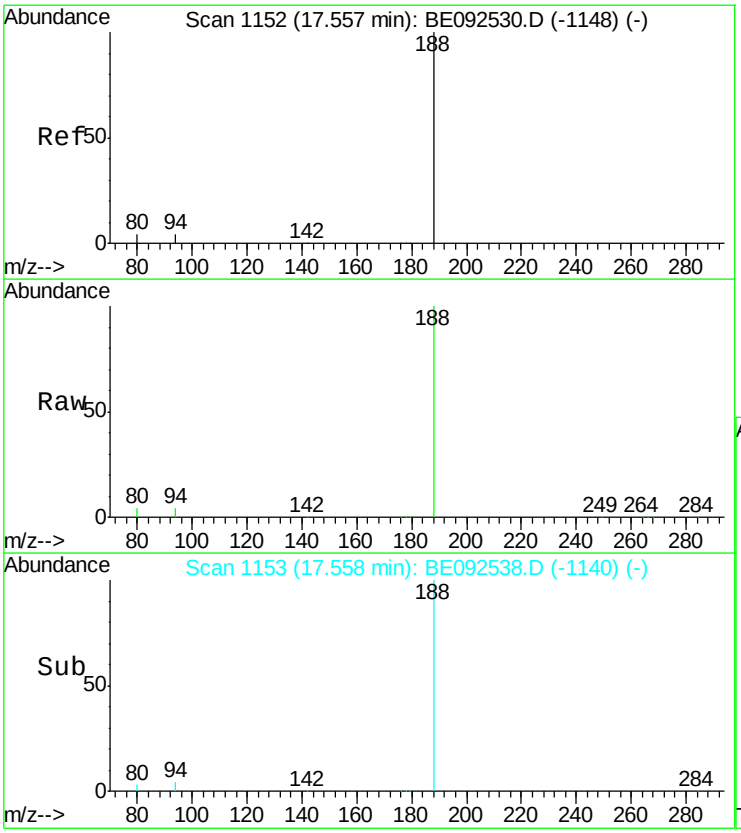
#17
Fluorene
Concen: 0.39 ng
RT: 15.86 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:166 Resp: 2761

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.2	117.4
167	13.0	11.0	16.4

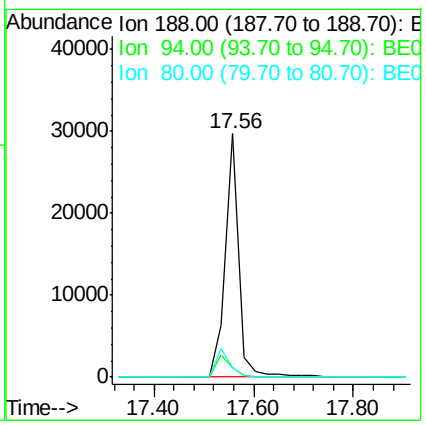


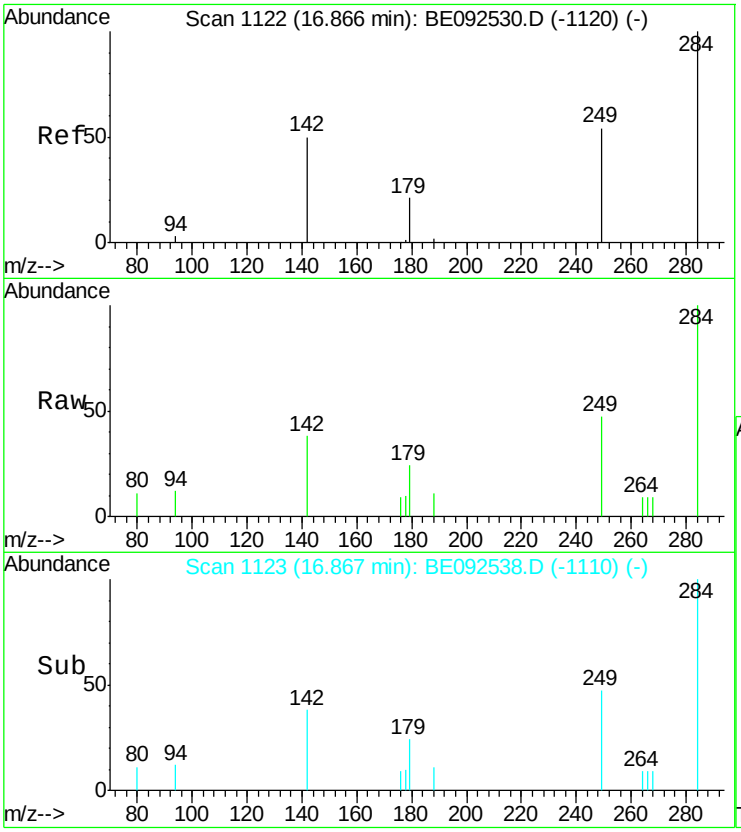


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Tgt Ion:188 Resp: 55313

Ion	Ratio	Lower	Upper
188	100		
94	4.1	3.2	4.8
80	3.6	2.6	3.8



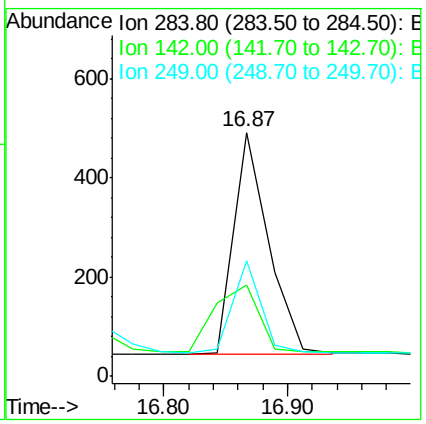


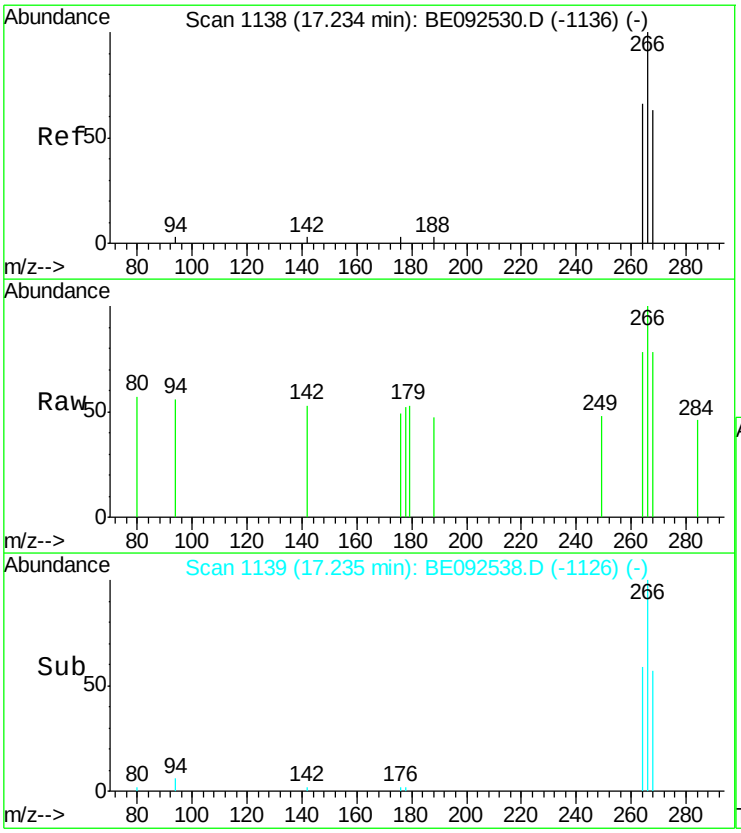
#19
Hexachlorobenzene
Concen: 0.40 ng m
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 874

Ion	Ratio	Lower	Upper
284	100		
142	53.3	29.1	43.7#
249	55.4	27.9	41.9#

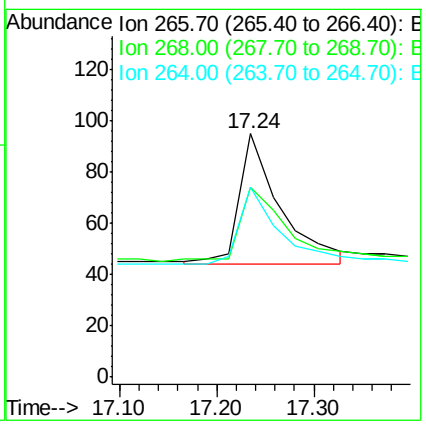


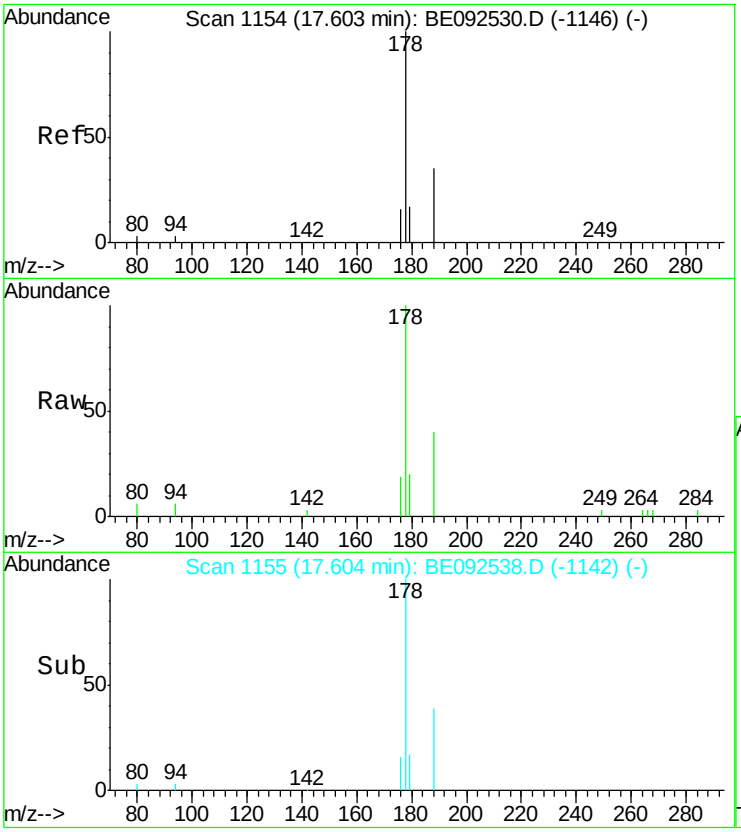


#20
Pentachlorophenol
Concen: 0.45 ng m
RT: 17.24 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Tgt Ion:266 Resp: 151

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



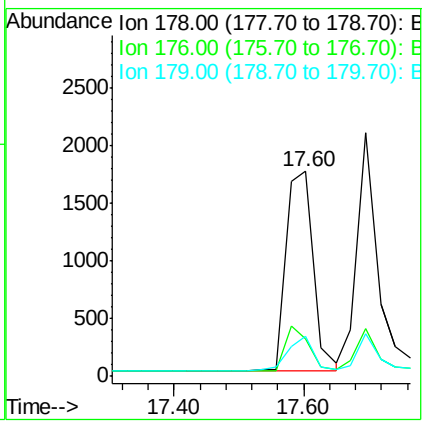


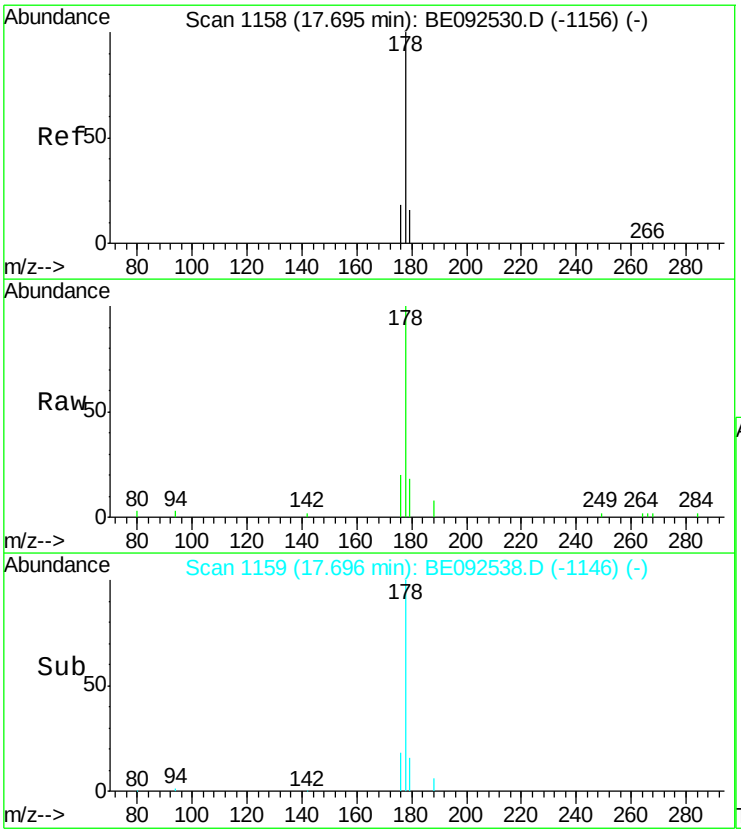
#21
Phenanthrene
Concen: 0.41 ng
RT: 17.60 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 5045

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.8#
179	16.0	16.0	24.0#

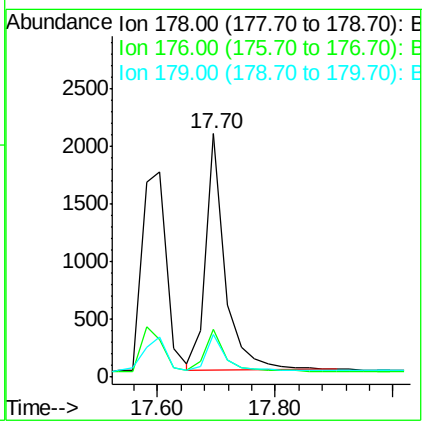


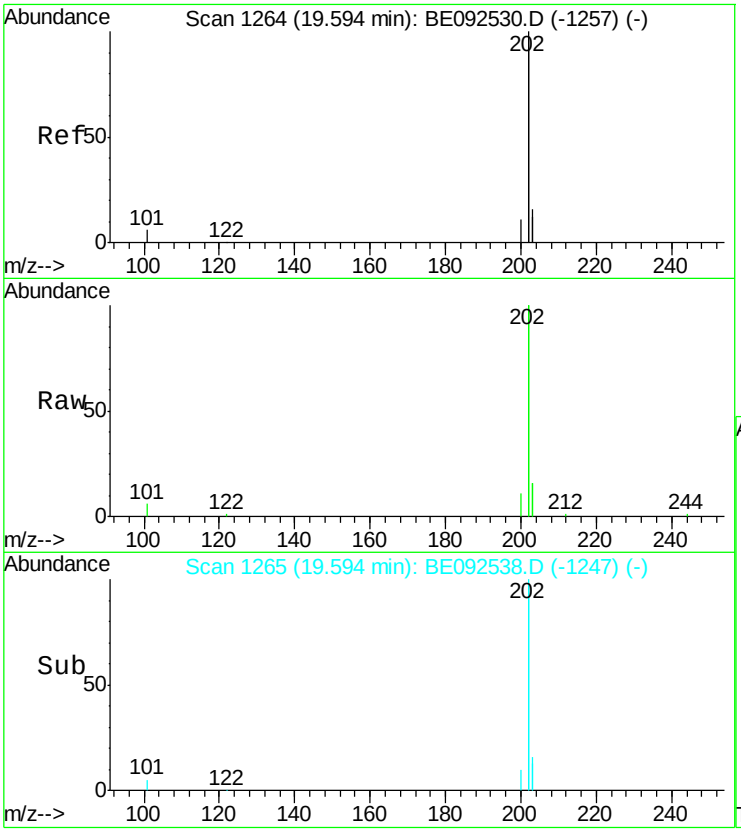


#22
Anthracene
Concen: 0.40 ng
RT: 17.70 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Tgt Ion:178 Resp: 4655

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	16.1	12.2	18.2



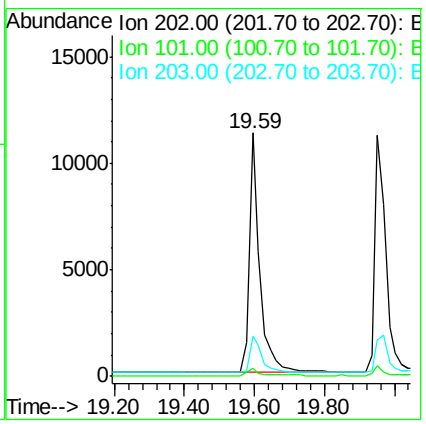


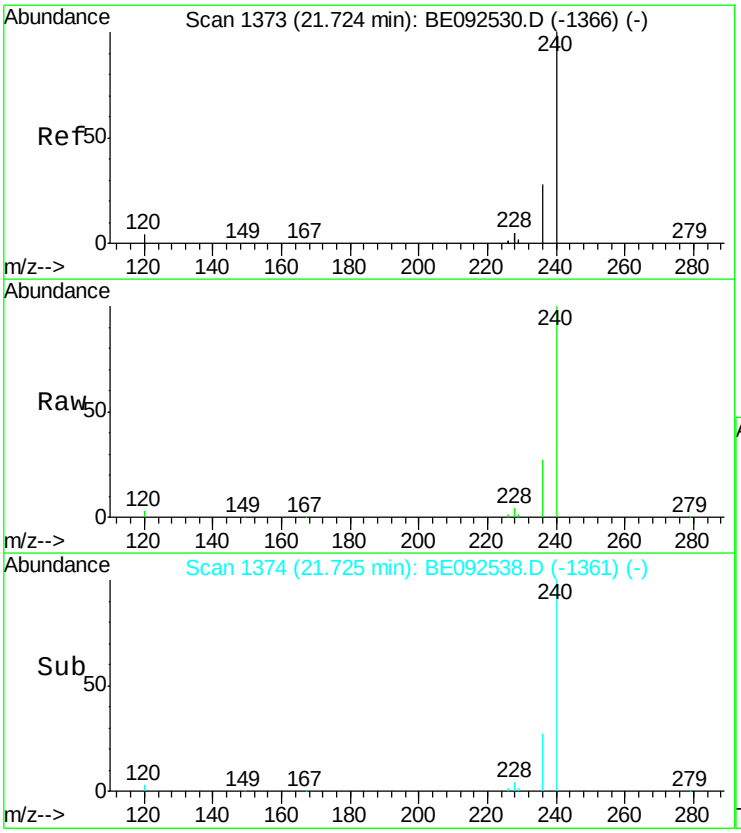
#23
Fluoranthene
Concen: 0.40 ng
RT: 19.59 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 23213

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

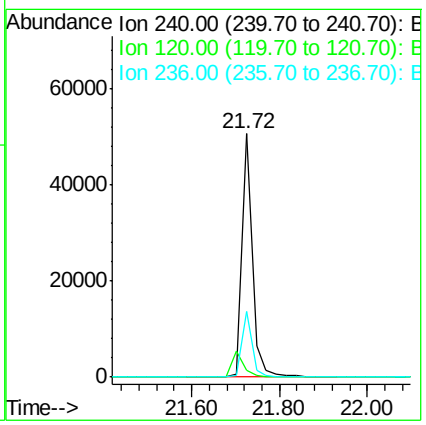


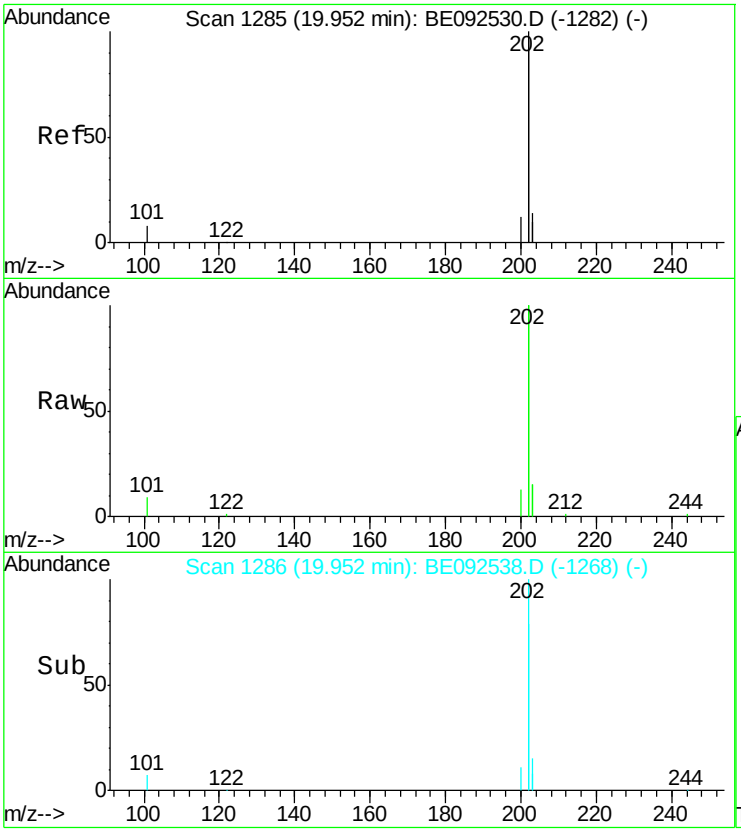


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Tgt Ion:240 Resp: 81948

Ion	Ratio	Lower	Upper
240	100		
120	2.7	2.6	4.0
236	27.2	24.6	37.0



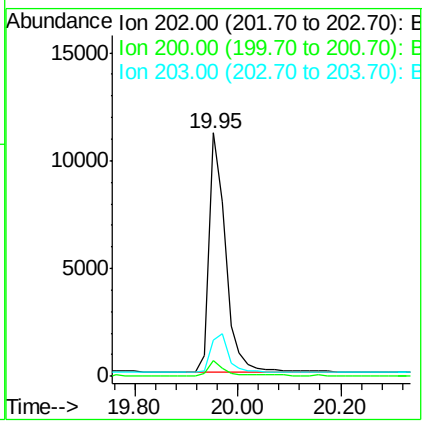


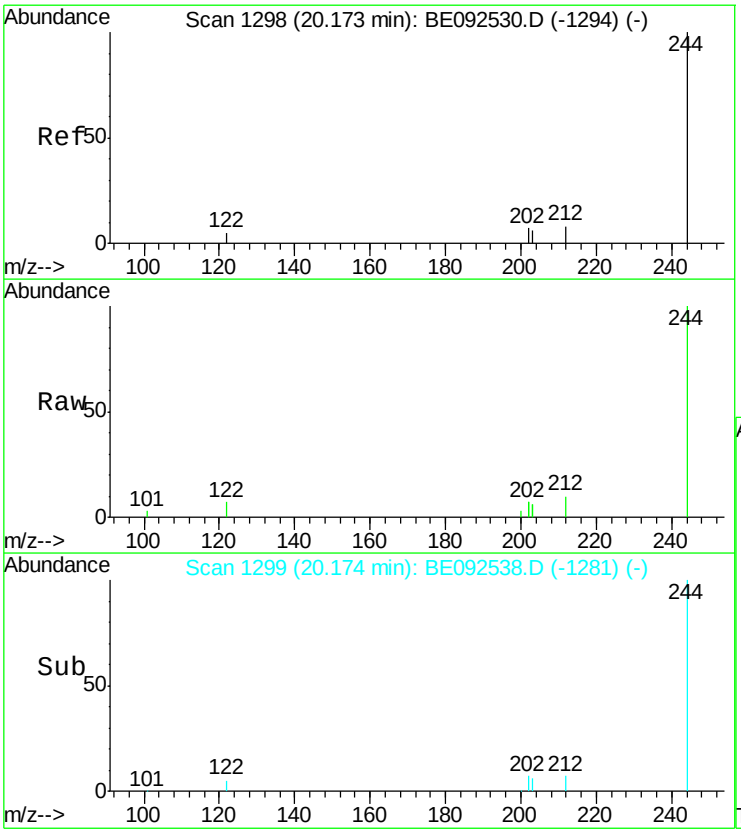
#25
Pyrene
Concen: 0.37 ng
RT: 19.95 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 24256

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.6	13.9	20.9

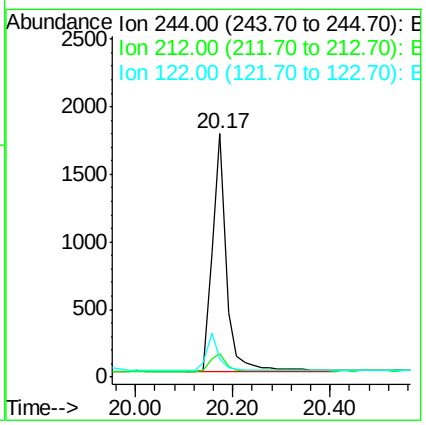


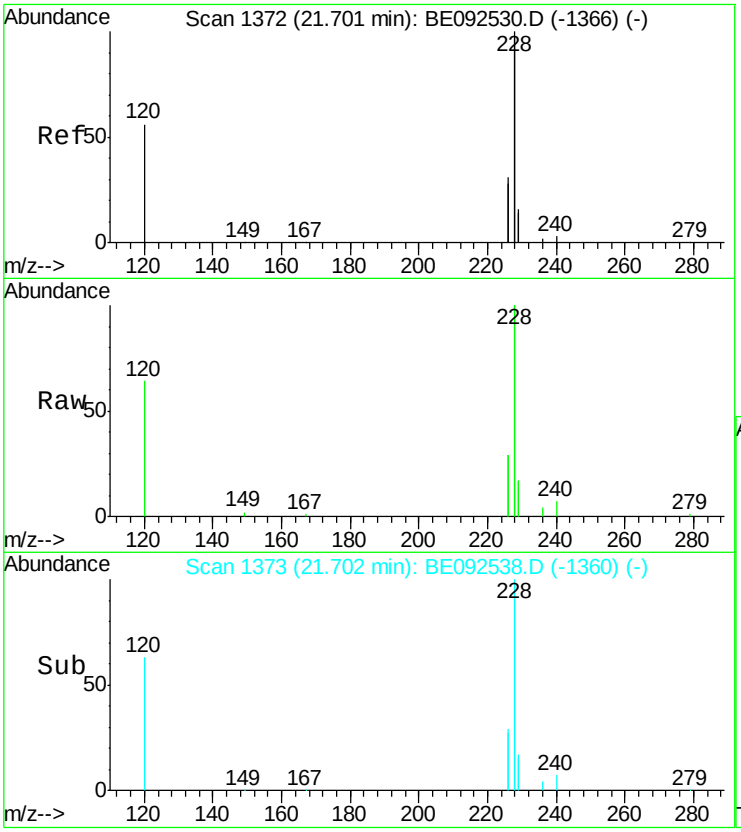


#26
Terphenyl-d14
Concen: 0.37 ng
RT: 20.17 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Tgt Ion:244 Resp: 3496

Ion	Ratio	Lower	Upper
244	100		
212	9.7	6.7	10.1
122	7.3	3.6	5.4#



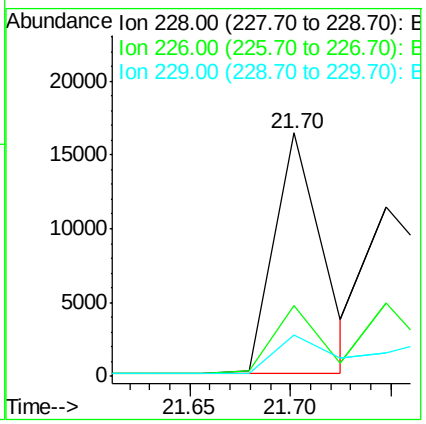


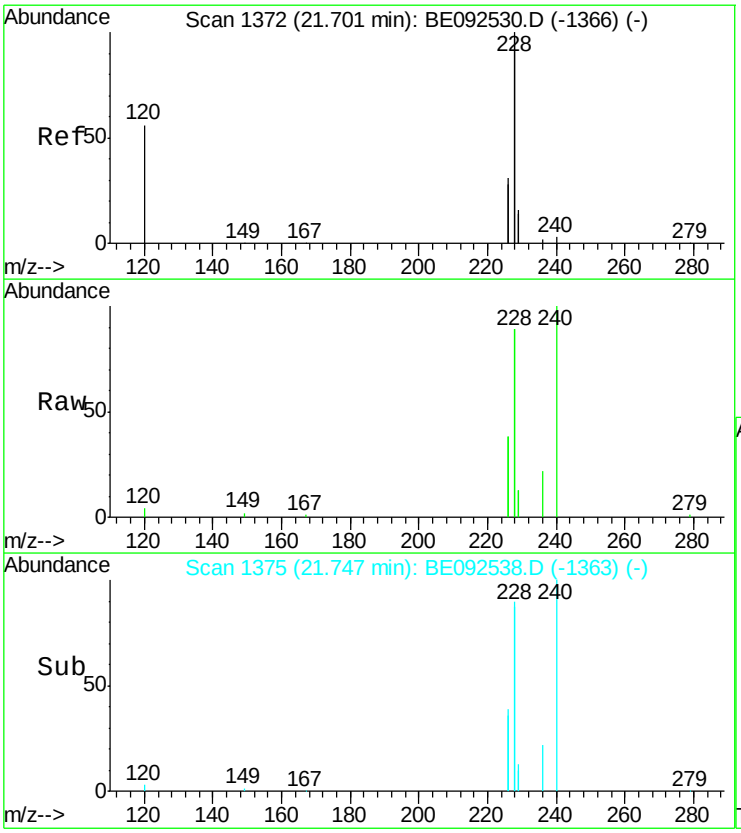
#27
Benzo(a)anthracene
Concen: 0.45 ng m
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 27498

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.6	35.4
229	16.9	13.3	19.9

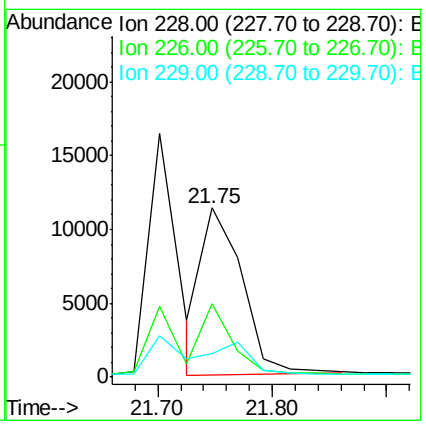


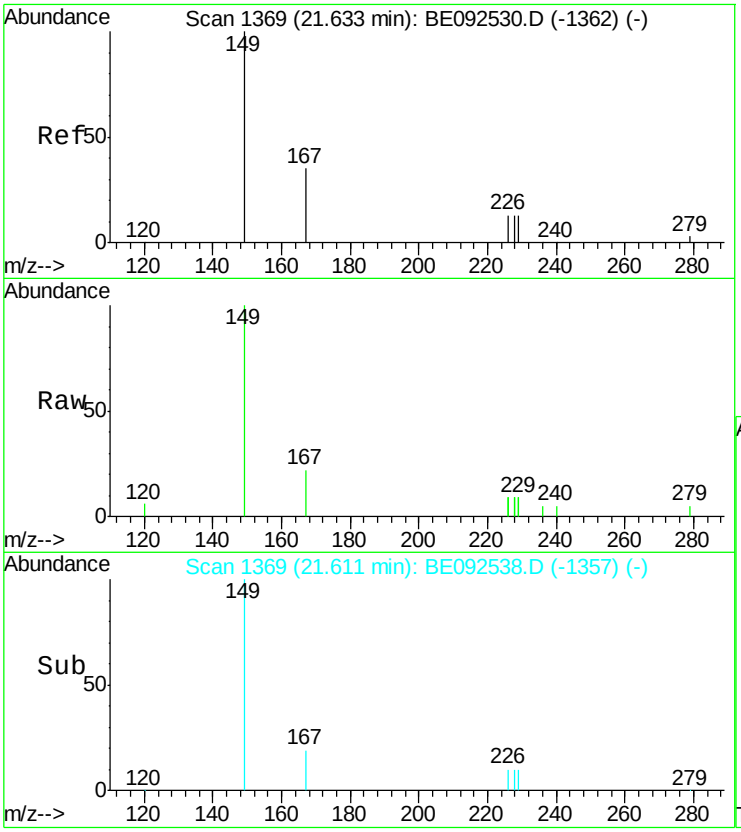


#28
Chrysene
Concen: 0.41 ng m
RT: 21.75 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Tgt Ion:228 Resp: 28278

Ion	Ratio	Lower	Upper
228	100		
226	43.2	36.3	54.5
229	14.2	10.6	16.0



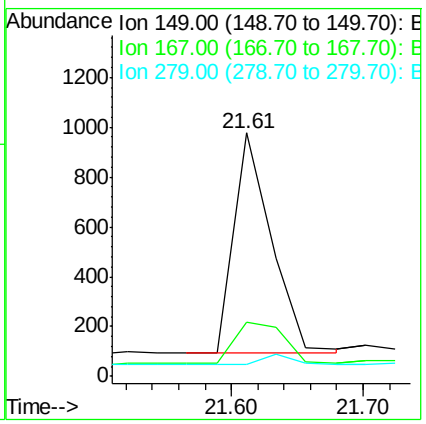


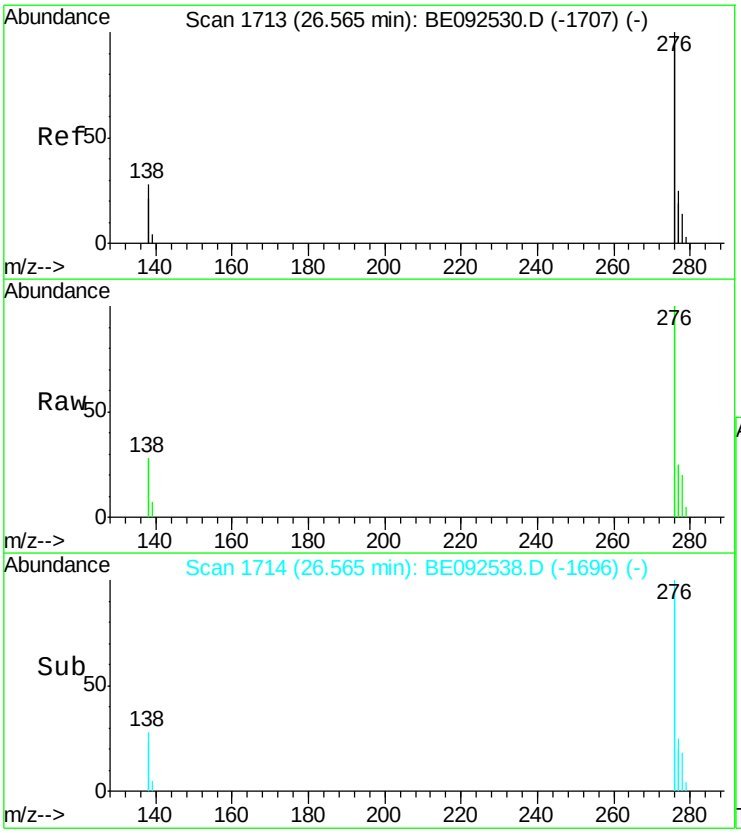
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.44 ng
RT: 21.61 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 1765

Ion	Ratio	Lower	Upper
149	100		
167	25.0	16.0	24.0#
279	0.0	16.0	24.0#

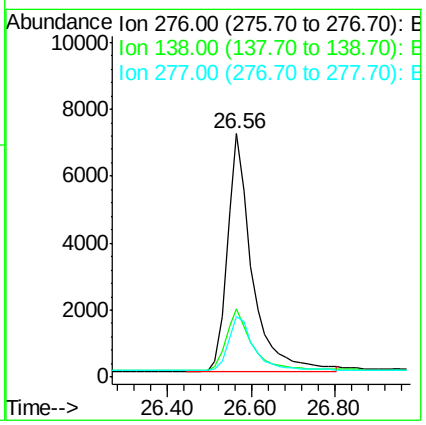


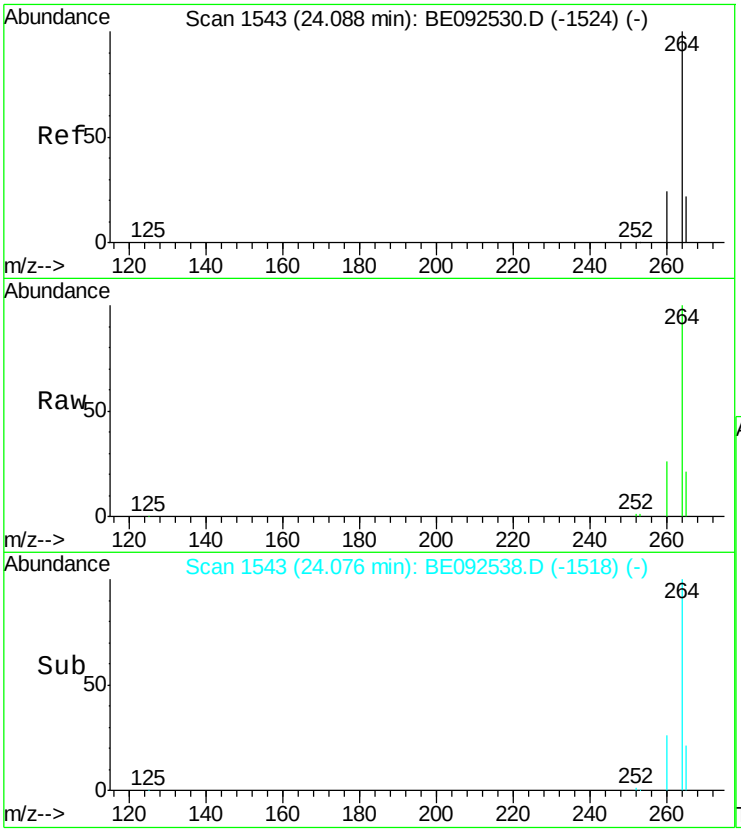


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.42 ng
RT: 26.56 min Scan# 1714
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Tgt Ion:276 Resp: 28801

Ion	Ratio	Lower	Upper
276	100		
138	27.3	20.3	30.5
277	24.8	19.7	29.5



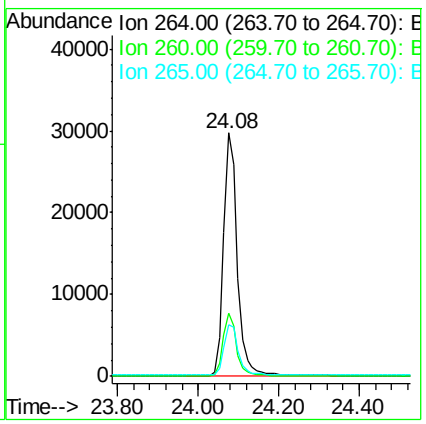


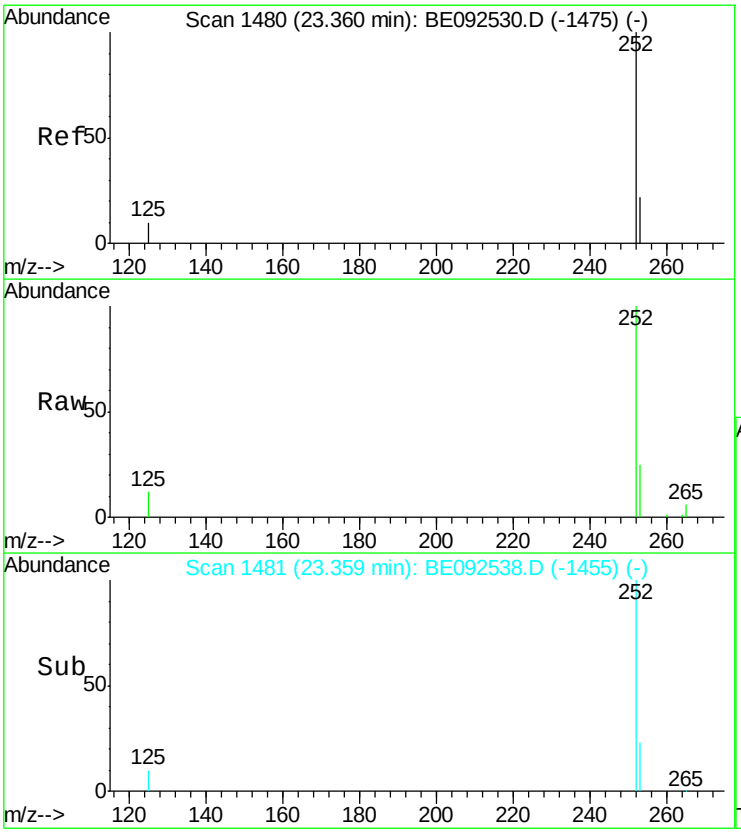
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 70413

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.1	30.1
265	21.1	17.9	26.9

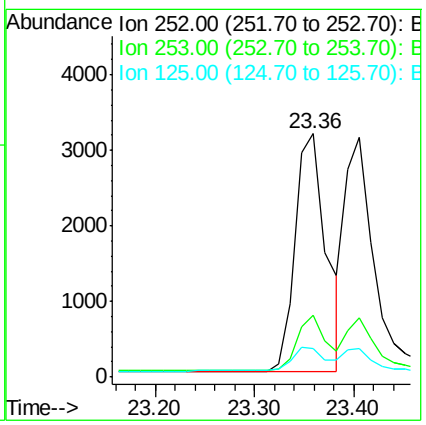


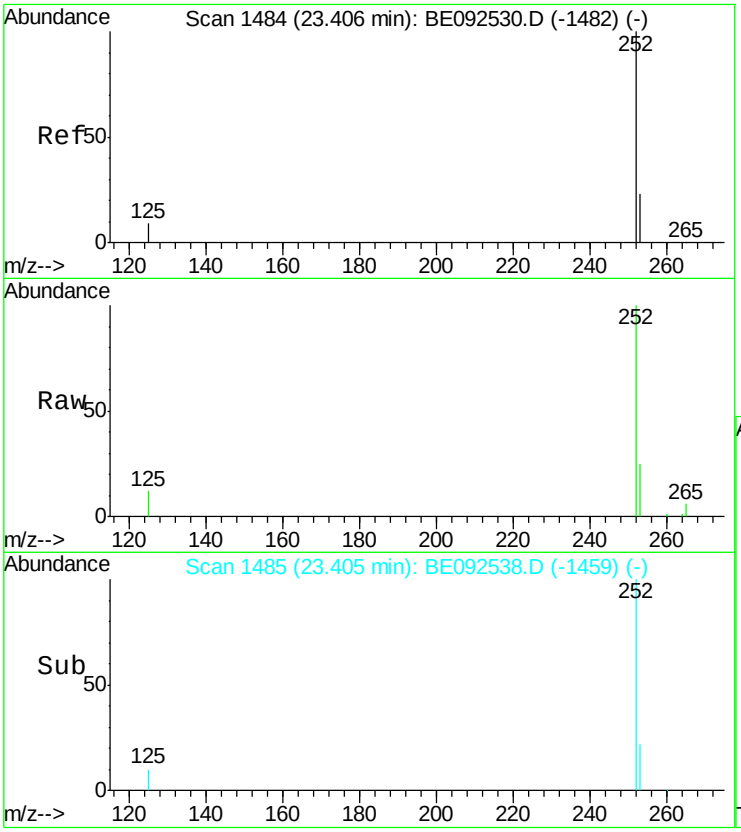


#32
Benzo(b)fluoranthene
Concen: 0.40 ng
RT: 23.36 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Tgt Ion:252 Resp: 6895

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.7	28.1
125	12.0	10.5	15.7



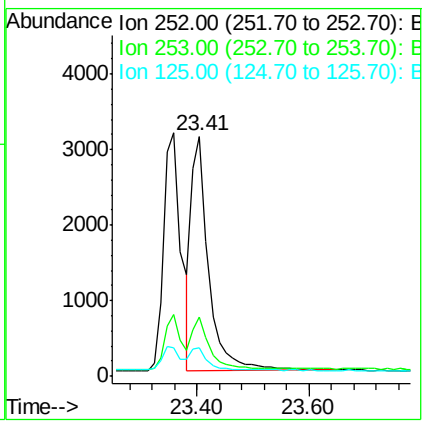


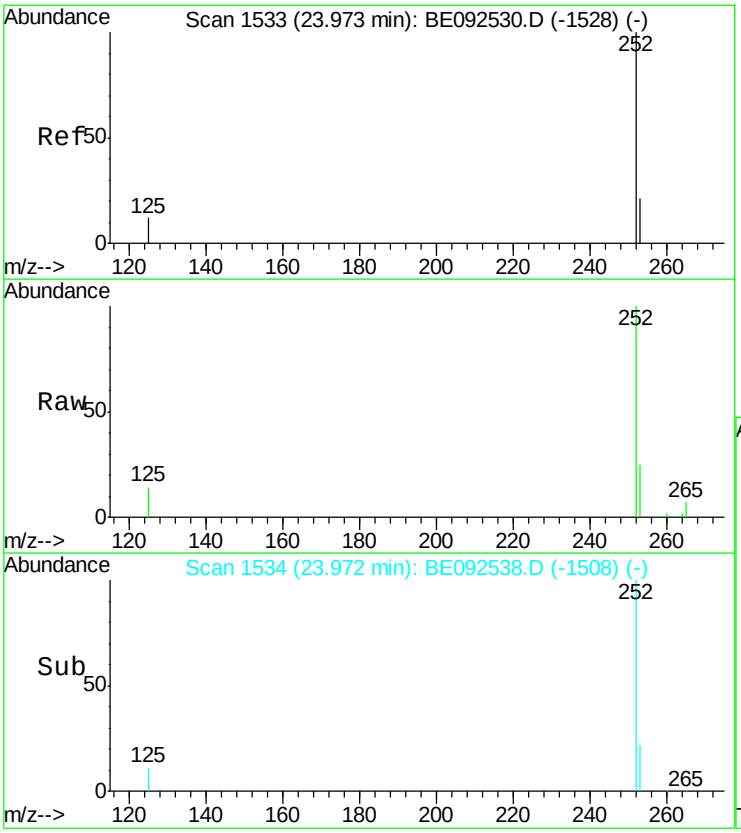
#33
Benzo(k)fluoranthene
Concen: 0.37 ng
RT: 23.41 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 6582

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.3	30.5
125	12.0	9.6	14.4

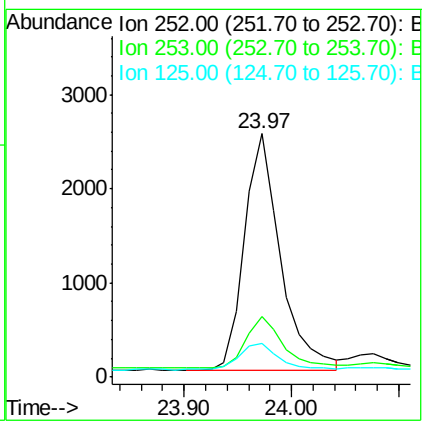


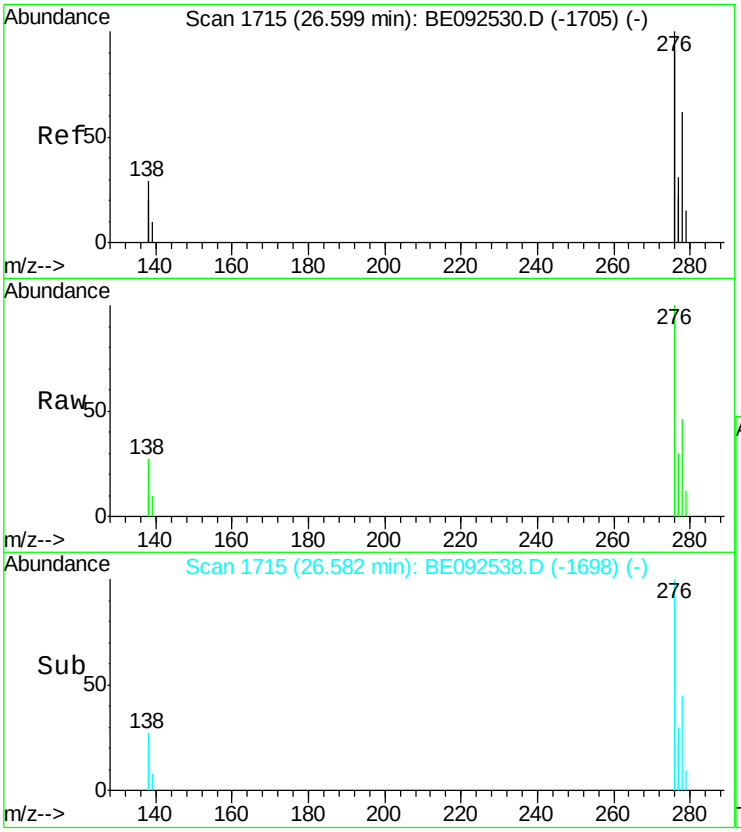


#34
Benzo(a)pyrene
Concen: 0.37 ng
RT: 23.97 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Tgt Ion:252 Resp: 5858

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.0	28.6
125	13.9	11.8	17.8



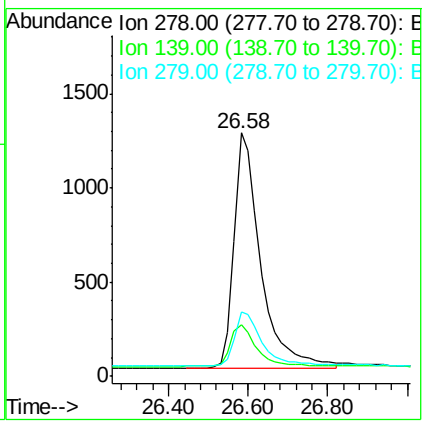


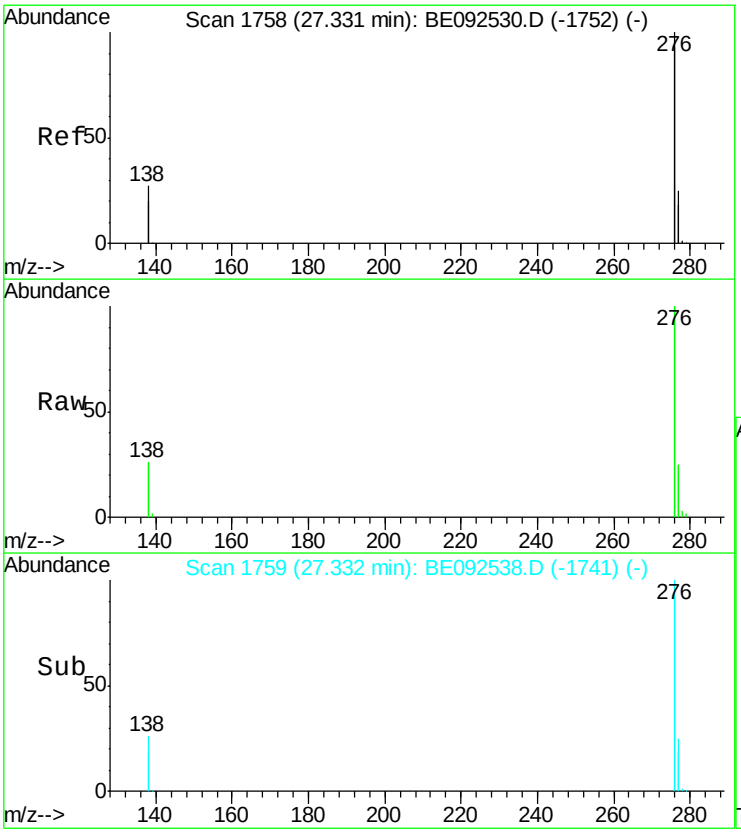
#35
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 26.58 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 5770

Ion	Ratio	Lower	Upper
278	100		
139	21.0	13.8	20.8#
279	26.6	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.38 ng
RT: 27.33 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BE092538.D
Acq: 16 Nov 2016 17:51

Tgt Ion:276 Resp: 25171

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.8	29.8
138	26.0	19.8	29.6