Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111616\
Data File : BE092534.D
Acq On : 16 Nov 2016 14:07
Operator : UM/SJ
Sample : SSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC005

Quant Time: Nov 16 15:38:05 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 13:29:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	8146	5.00	ng		-0.02
7) Naphthalene-d8	10.93	136	41340	5.00	ng		0.00
12) Acenaphthene-d10	14.80	164	29773	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	61428	5.00	ng		0.00
24) Chrysene-d12	21.72	240	91820	5.00	ng		0.00
31) Perylene-d12	24.08	264	73741	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	0.00	112	0d	0.00	ng		
5) Phenol-d6	0.00	99	0d	0.00	ng		
8) Nitrobenzene-d5	0.00	82	0d	0.00	ng		
13) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng		
14) 2-Fluorobiphenyl	13.41	172	35189	4.78	ng		-0.02
26) Terphenyl-d14	20.16	244	53367	4.79	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	4822	3.82	ng		92
3) n-Nitrosodimethylamine	3.73	42	6650	4.51	ng		97
6) bis(2-Chloroethyl)ether	7.57	93	13034	4.97	ng		87
9) Naphthalene	10.97	128	41560	4.65	ng	#	95
10) Hexachlorobutadiene	11.26	225	6163	4.54	ng		99
11) 2-Methylnaphthalene	12.60	142	28475	4.90	ng		95
15) Acenaphthylene	14.51	152	208419	4.88	ng		100
16) Acenaphthene	14.85	154	31732	4.60	ng		93
17) Fluorene	15.84	166	41609	4.80	ng		98
19) Hexachlorobenzene	16.87	284	13226	5.70	ng	#	65
21) Phenanthrene	17.58	178	70021	5.27	ng	#	94
22) Anthracene	17.67	178	70258	5.45	ng		98
23) Fluoranthene	19.59	202	334706	5.02	ng		98
25) Pyrene	19.95	202	362426	4.82	ng		99
27) Benzo(a)anthracene	21.70	228	412673m	4.43	ng		
28) Chrysene	21.75	228	377041m	3.78	ng		
29) Bis(2-ethylhexyl)phthalate	21.61	149	30908	3.15	ng	#	56
30) Indeno(1,2,3-cd)pyrene	26.55	276	413029	4.07	ng		98
32) Benzo(b)fluoranthene	23.35	252	92418	3.32	ng	#	96
33) Benzo(k)fluoranthene	23.39	252	92274	3.17	ng		94
34) Benzo(a)pyrene	23.96	252	87891	4.61	ng		94
35) Dibenzo(a,h)anthracene	26.56	278	85994	4.80	ng		94
36) Benzo(g,h,i)perylene	27.31	276	352347	4.77	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111616\
Data File : BE092534.D
Acq On : 16 Nov 2016 14:07
Operator : UM/SJ
Sample : SSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Quant Time: Nov 16 15:38:05 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 13:29:35 2016
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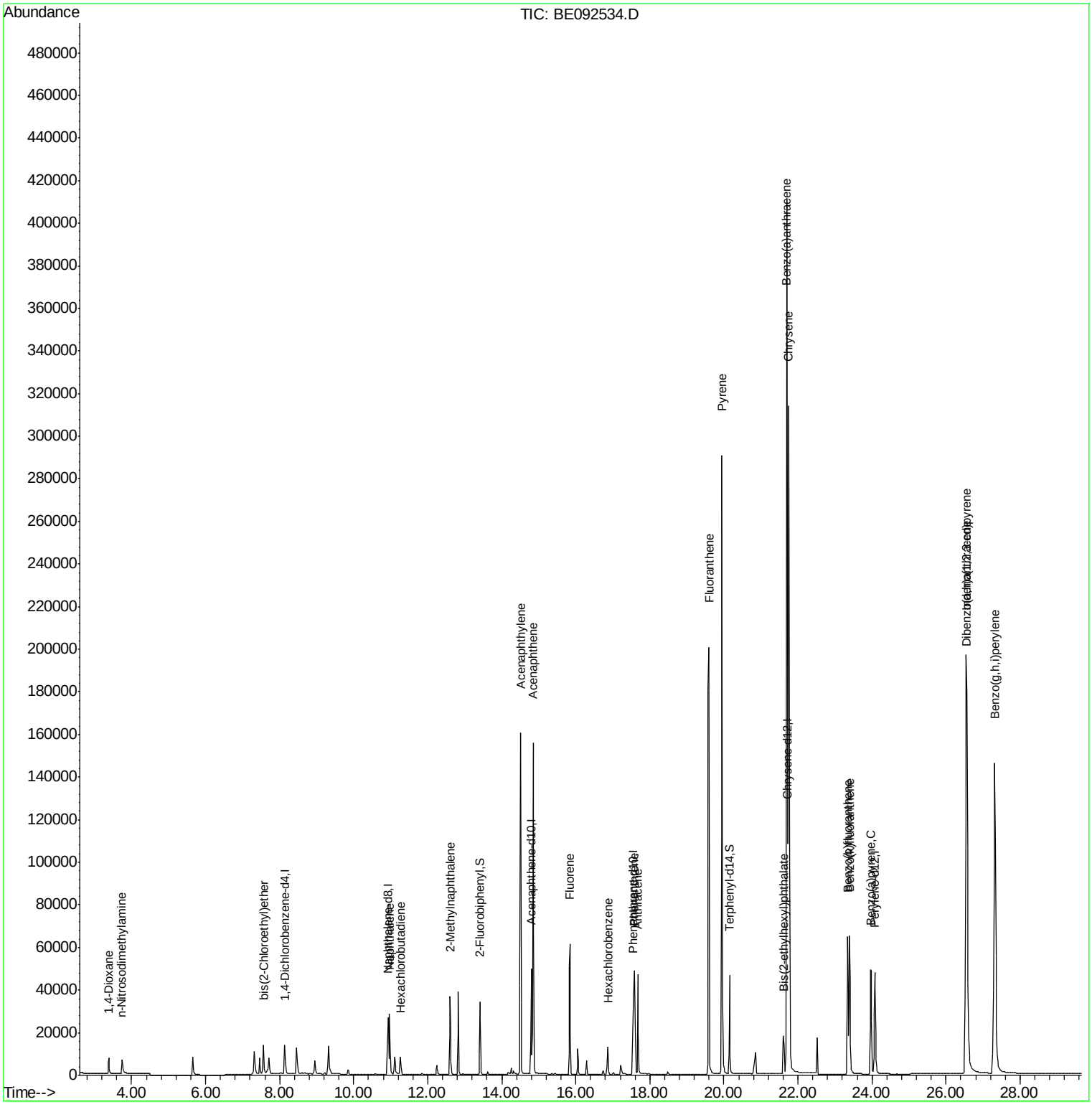
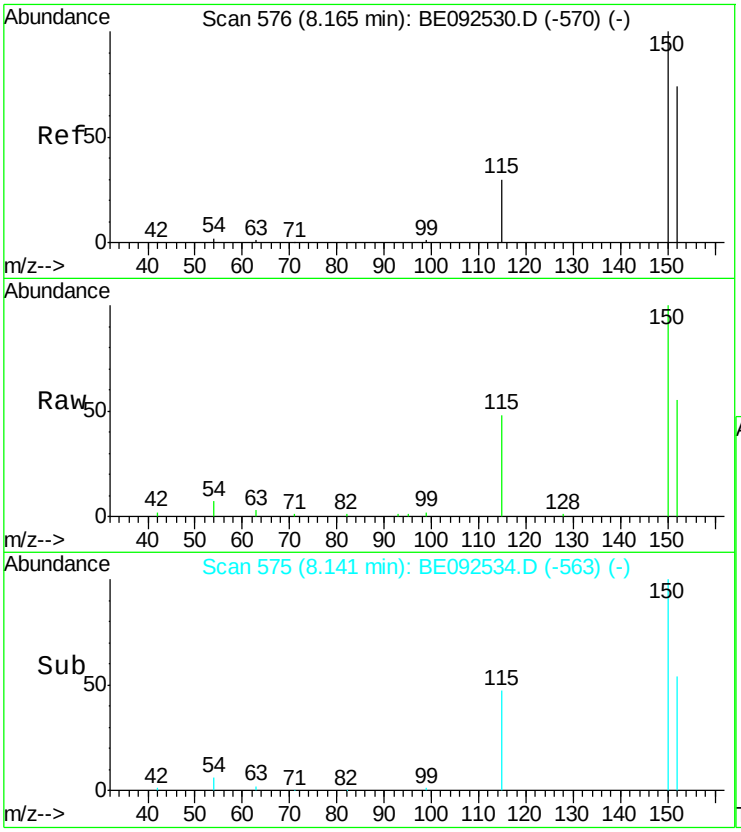


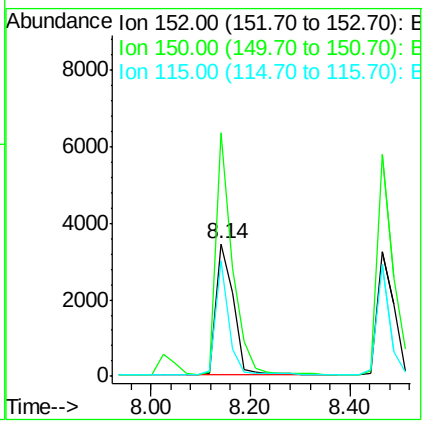


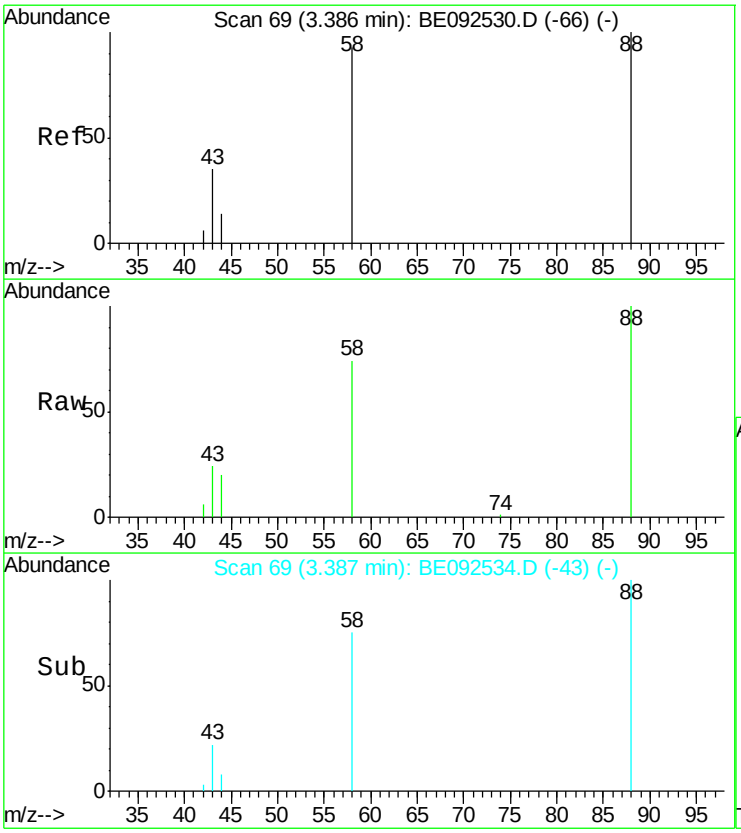
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. -0.02 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 8146

Ion	Ratio	Lower	Upper
152	100		
150	183.4	106.0	159.0#
115	87.1	31.2	46.8#

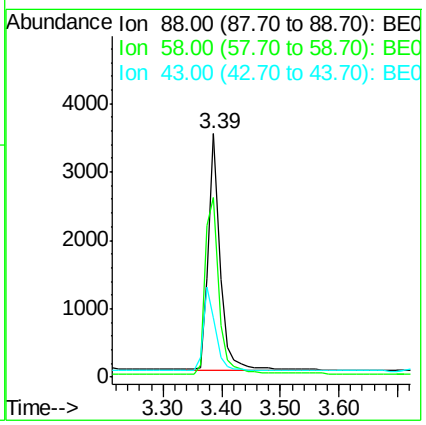


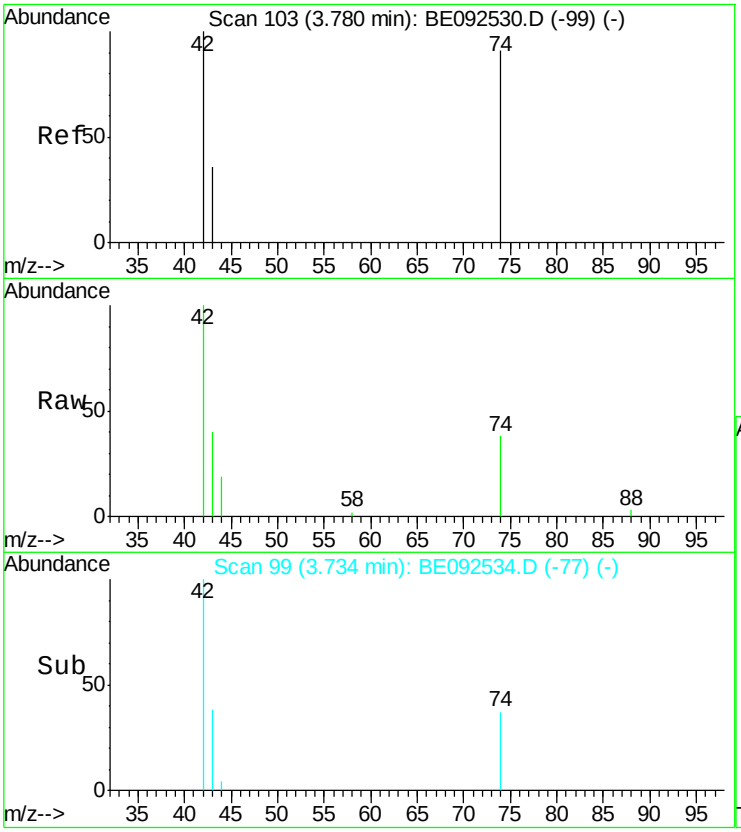


#2
1,4-Dioxane
Concen: 3.82 ng
RT: 3.39 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Tgt Ion: 88 Resp: 4822

Ion	Ratio	Lower	Upper
88	100		
58	87.8	63.6	95.4
43	37.0	28.0	42.0



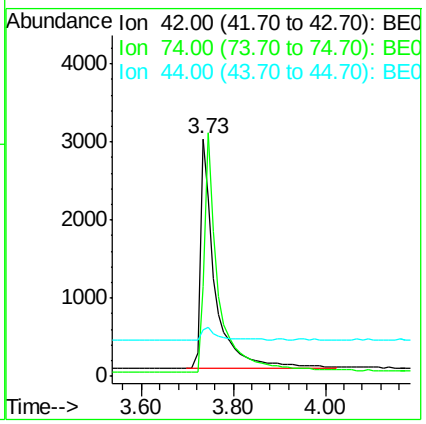


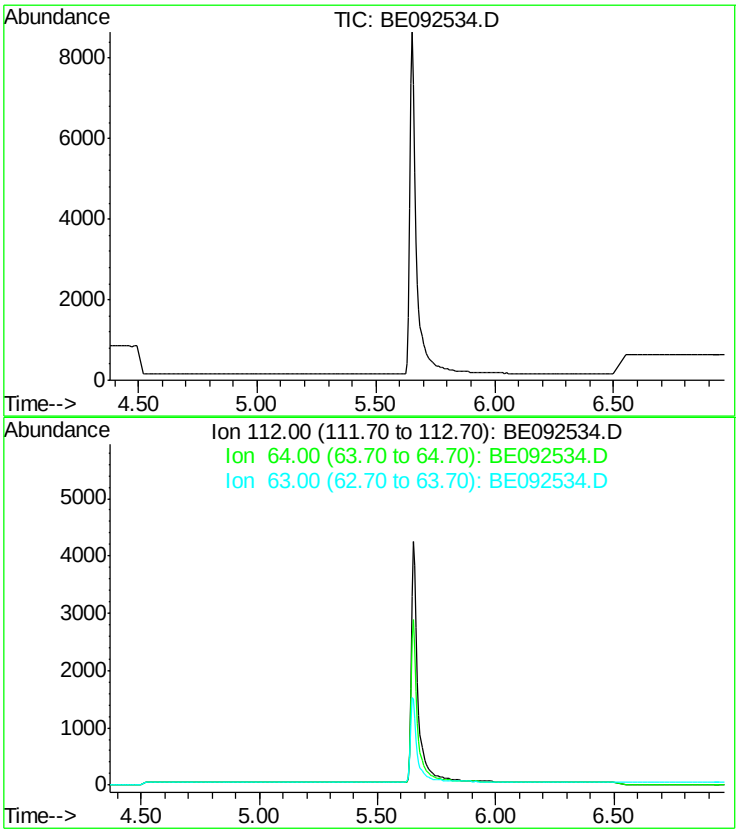
#3
n-Nitrosodimethylamine
Concen: 4.51 ng
RT: 3.73 min Scan# 99
Delta R.T. -0.05 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion: 42 Resp: 6650

Ion	Ratio	Lower	Upper
42	100		
74	103.8	86.0	129.0
44	6.7	5.1	7.7



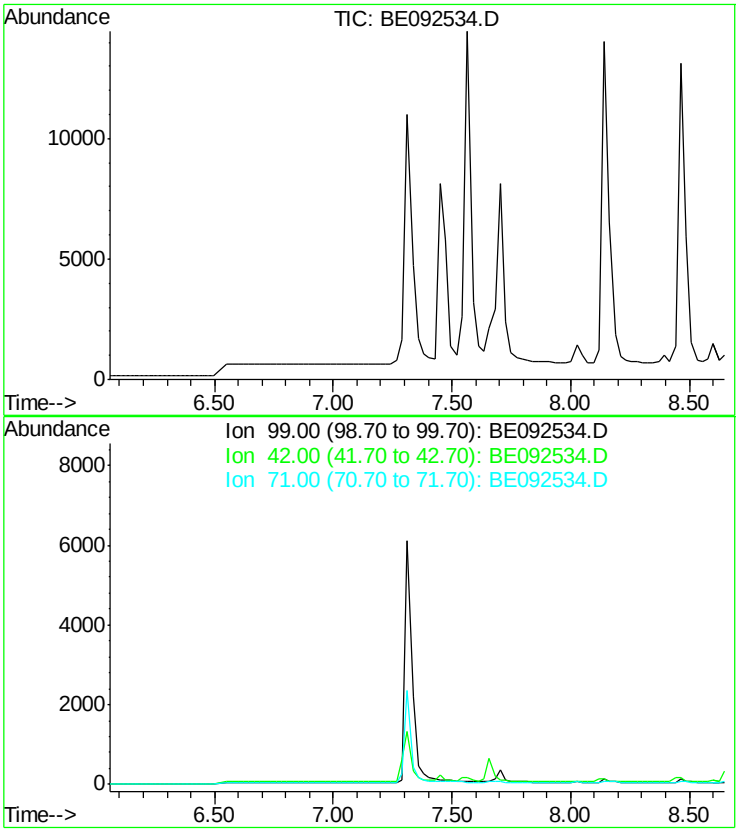


#4
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.67 min

Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	66.9
63	34.9



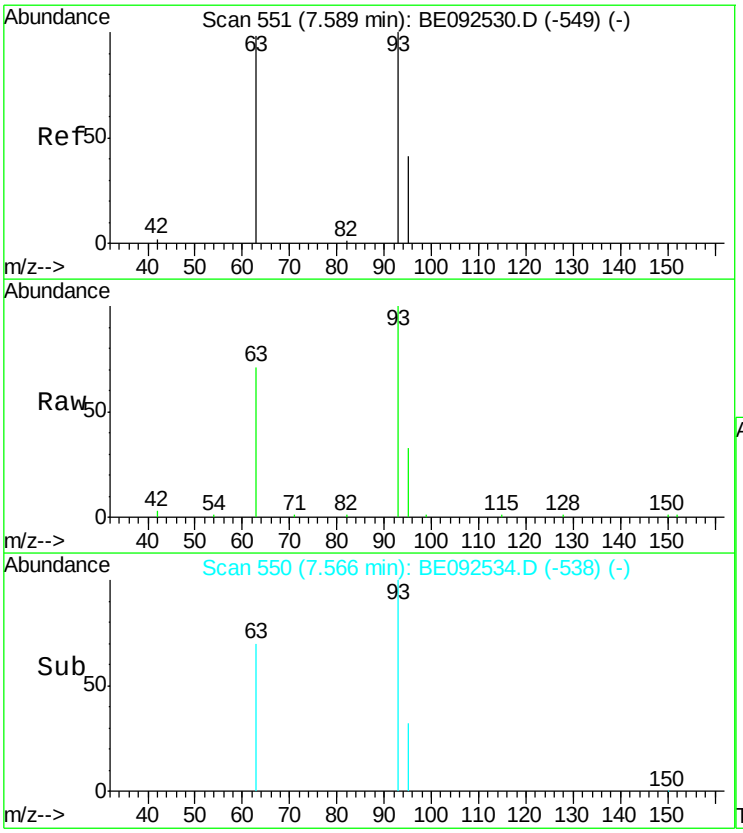
#5
Phenol-d6
Concen: 0.00 ng
Expected RT: 7.36 min

Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	20.0
71	38.2

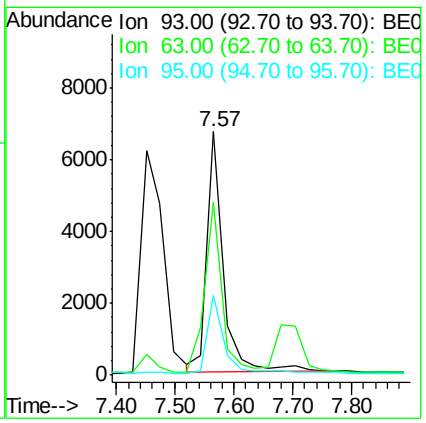
Instrument :
BNA_E
ClientSampleId :
SSTDICC005

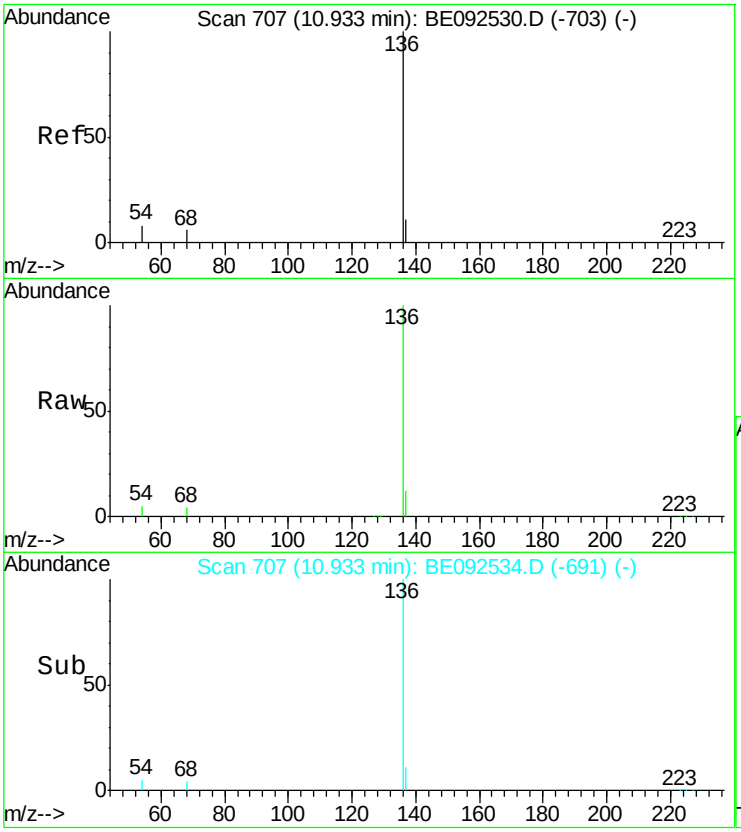


#6
bis(2-Chloroethyl)ether
Concen: 4.97 ng
RT: 7.57 min Scan# 550
Delta R.T. -0.02 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Tgt Ion: 93 Resp: 13034

Ion	Ratio	Lower	Upper
93	100		
63	74.3	71.6	107.4
95	31.9	24.0	36.0



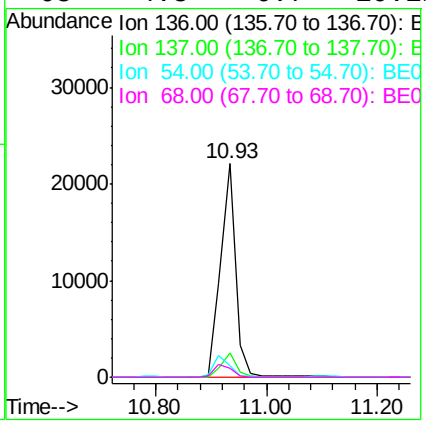


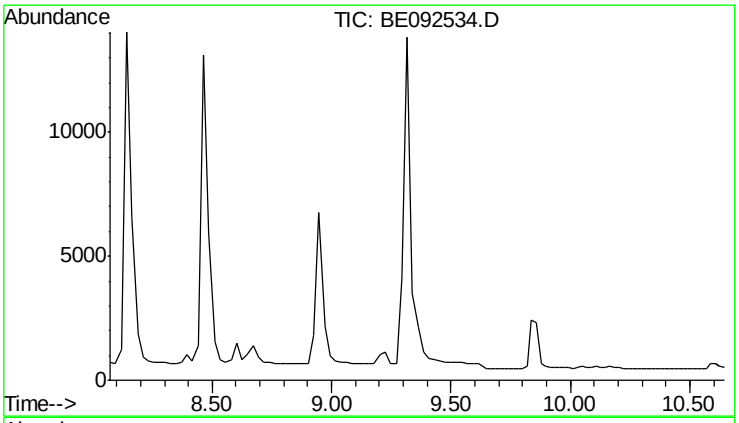
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.93 min Scan# 707
Delta R.T. -0.00 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 41340

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.2	12.4
54	5.5	9.6	14.4#
68	4.3	6.7	10.1#



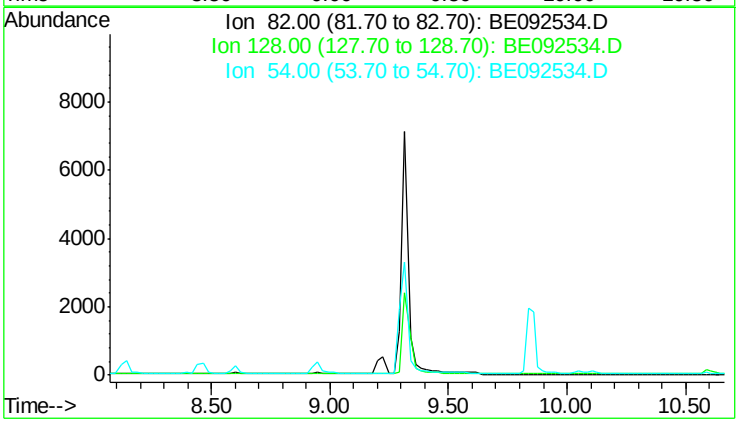


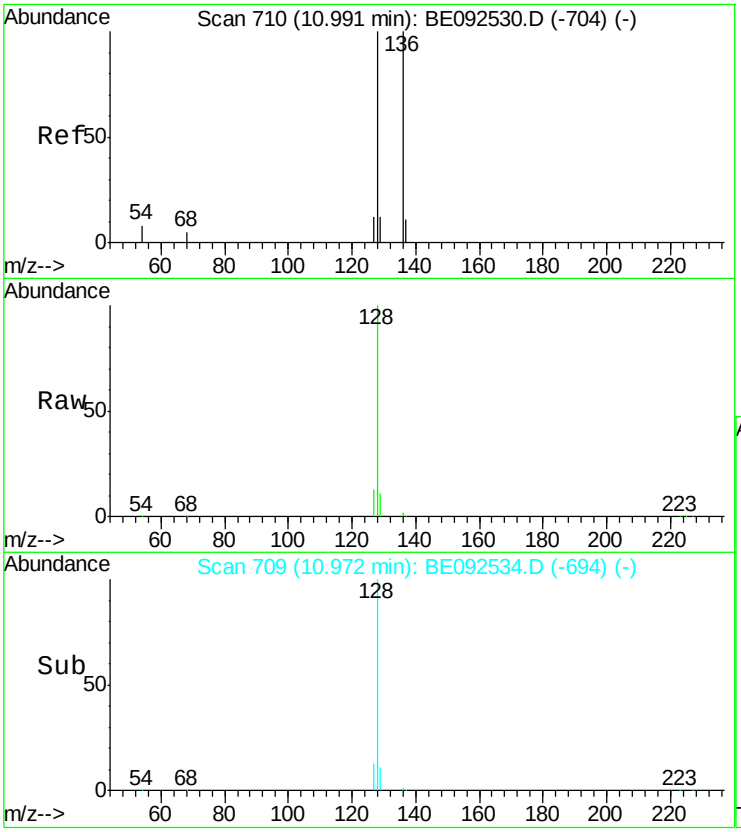
#8
Nitrobenzene-d5
Concen: 0.00 ng
Expected RT: 9.36 min

Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	48.7
54	56.0



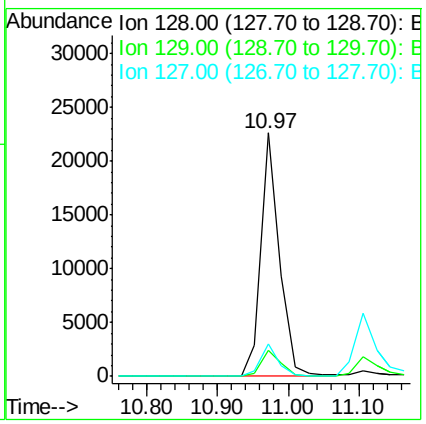


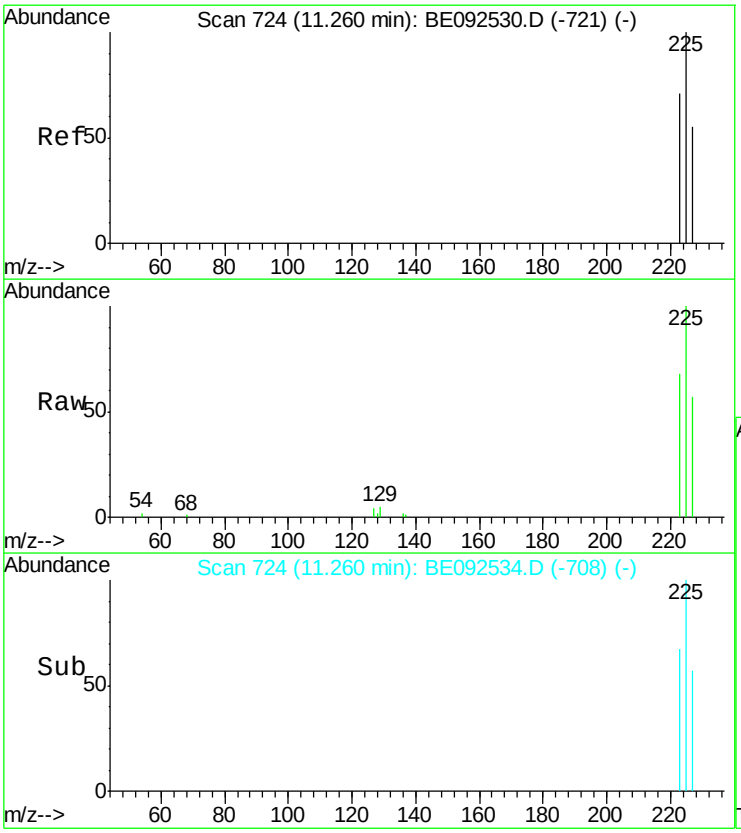
#9
Naphthalene
Concen: 4.65 ng
RT: 10.97 min Scan# 709
Delta R.T. -0.02 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 41560

Ion	Ratio	Lower	Upper
128	100		
129	10.7	11.2	16.8#
127	13.5	11.6	17.4

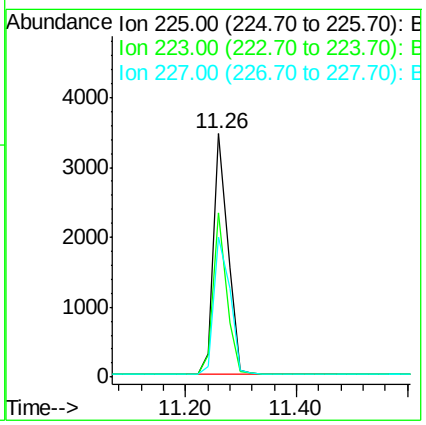


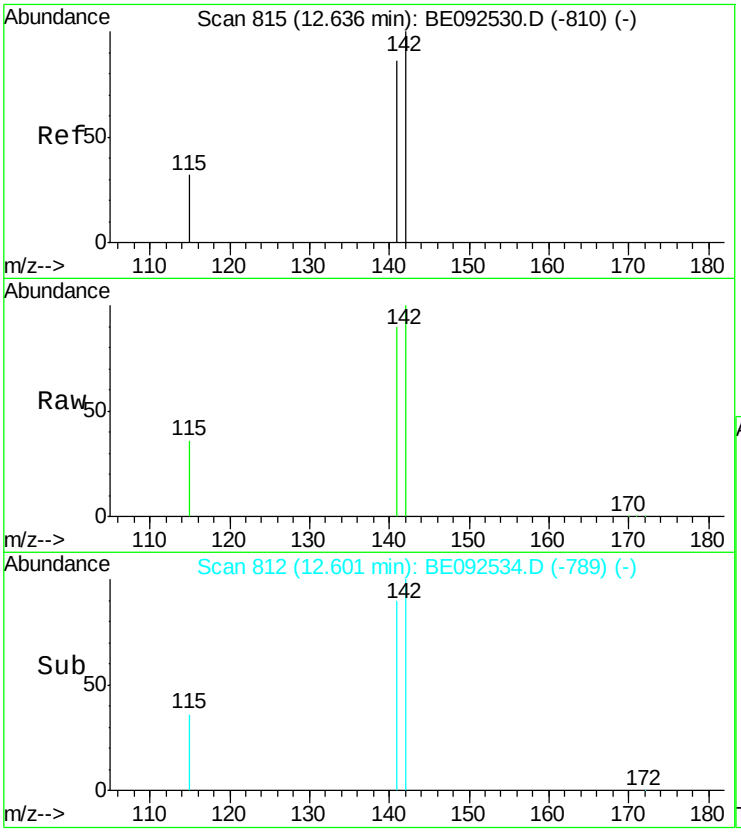


#10
Hexachlorobutadiene
Concen: 4.54 ng
RT: 11.26 min Scan# 724
Delta R.T. -0.00 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Tgt Ion:225 Resp: 6163

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	63.2	51.4	77.0



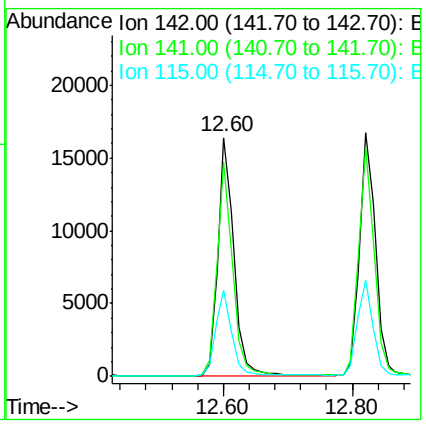


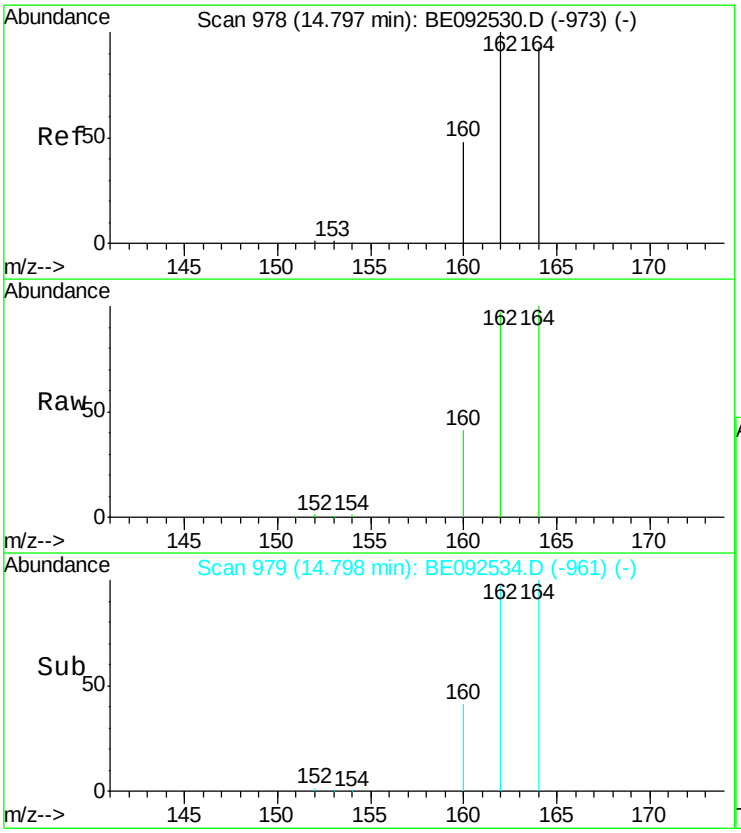
#11
2-Methylnaphthalene
Concen: 4.90 ng
RT: 12.60 min Scan# 812
Delta R.T. -0.04 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 28475

Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.7	110.5
115	36.3	34.0	51.0

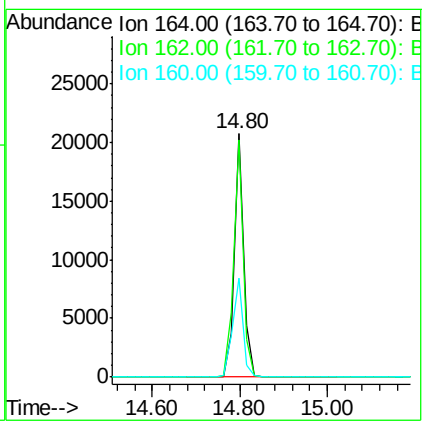


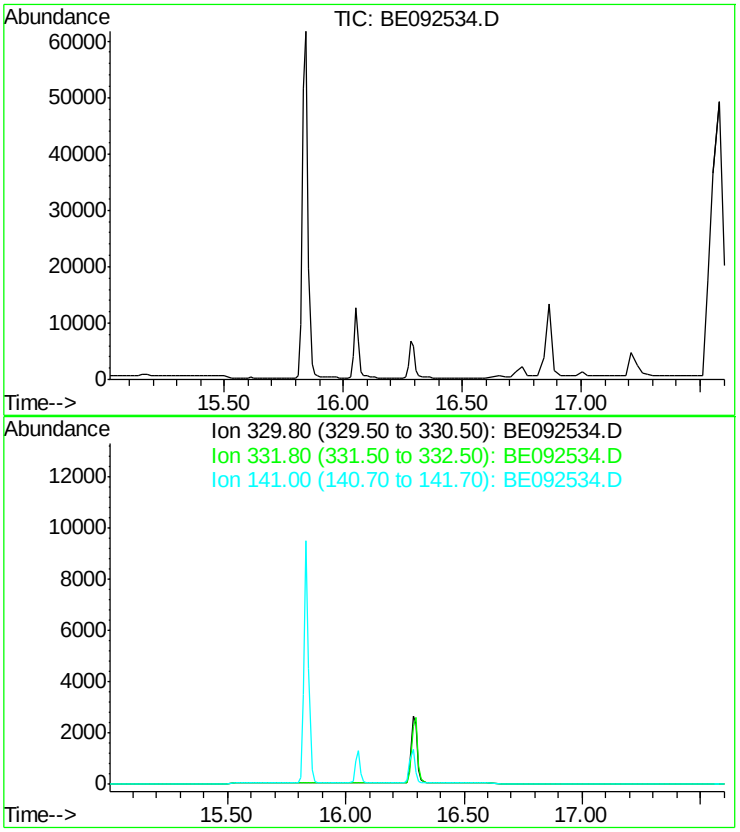


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 979
Delta R.T. 0.00 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Tgt Ion:164 Resp: 29773

Ion	Ratio	Lower	Upper
164	100		
162	97.2	71.4	107.0
160	40.9	27.4	41.2





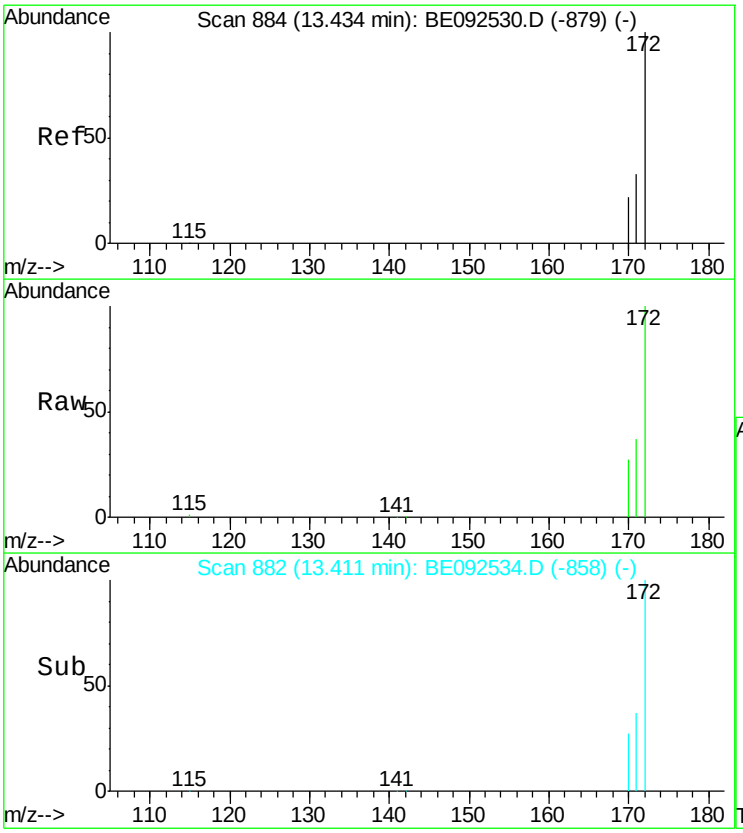
#13
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 16.31 min

Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	94.2
141	38.8

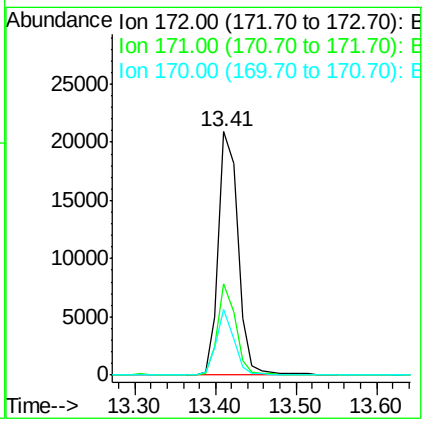
Instrument :
BNA_E
ClientSampleId :
SSTDICC005

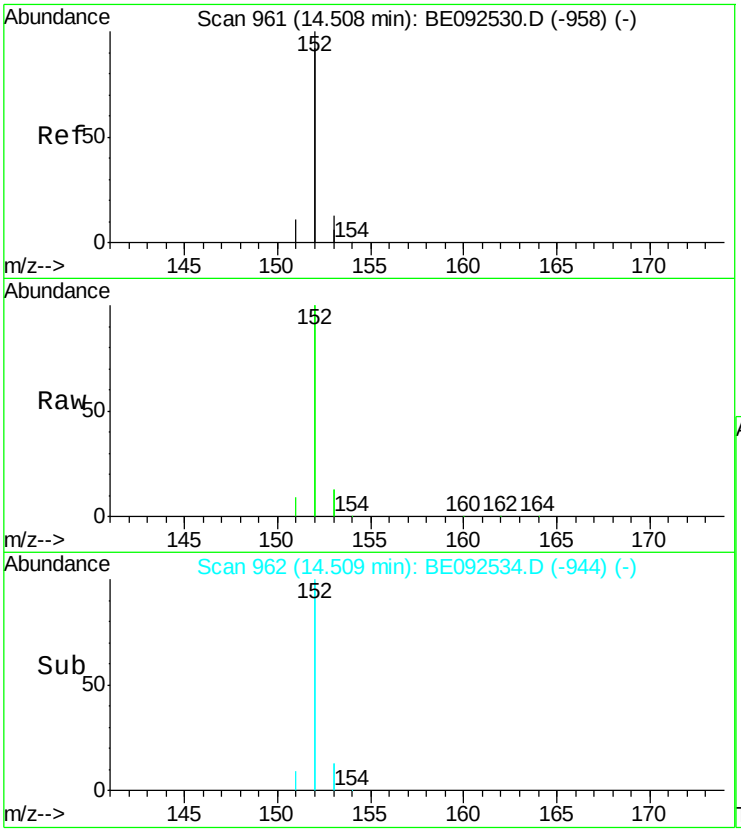


#14
2-Fluorobiphenyl
Concen: 4.78 ng
RT: 13.41 min Scan# 882
Delta R.T. -0.02 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Tgt Ion:172 Resp: 35189

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.1	45.1
170	26.8	21.8	32.6



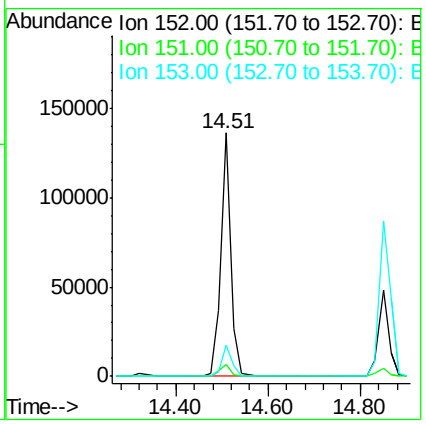


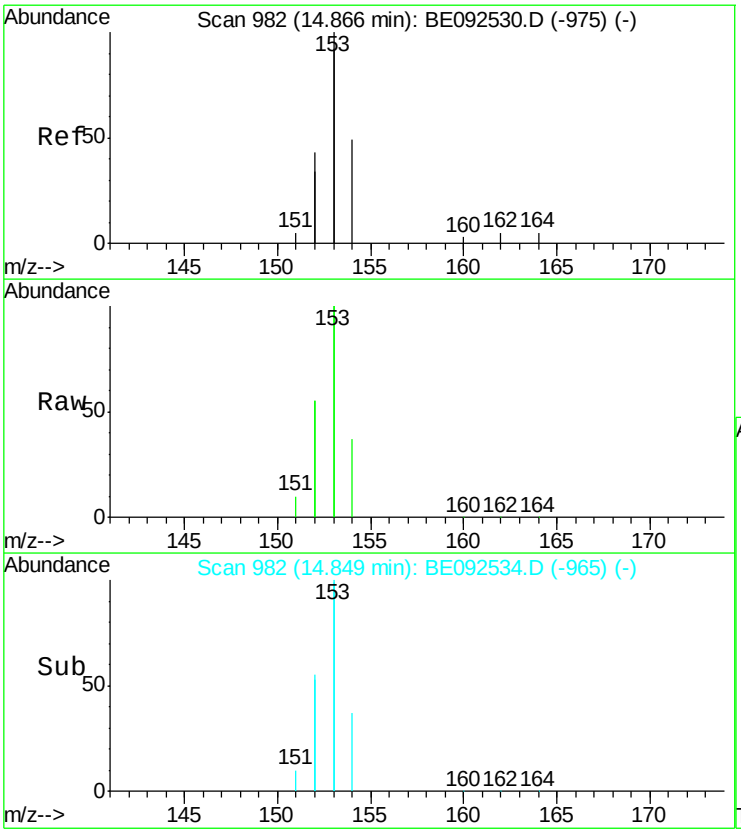
#15
Acenaphthylene
Concen: 4.88 ng
RT: 14.51 min Scan# 962
Delta R.T. 0.00 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 208419

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.1	10.4	15.6

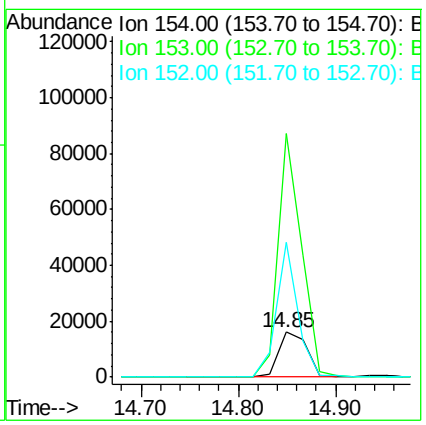


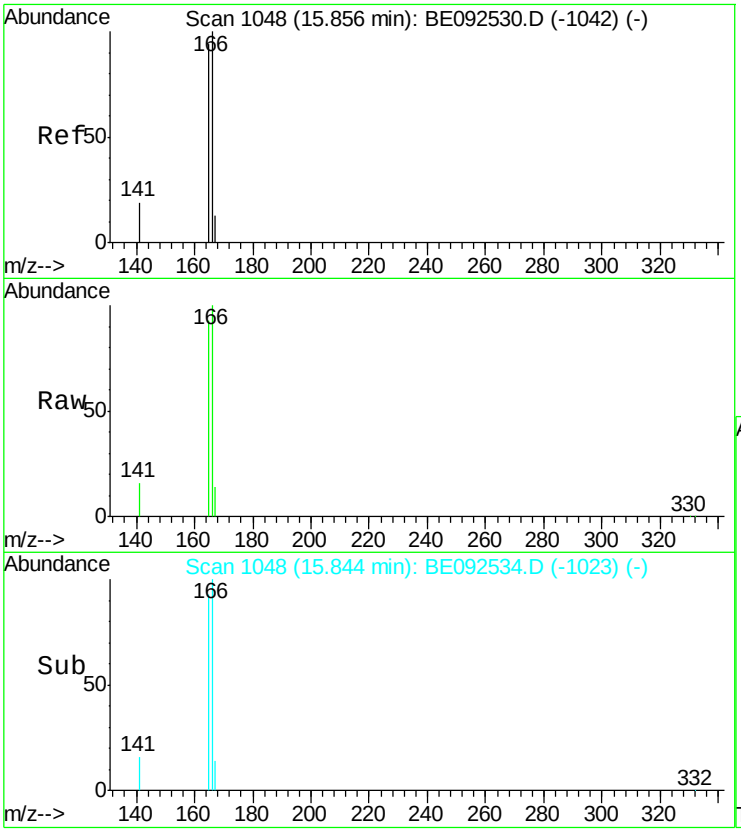


#16
Acenaphthene
Concen: 4.60 ng
RT: 14.85 min Scan# 982
Delta R.T. -0.02 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Tgt Ion:154 Resp: 31732

Ion	Ratio	Lower	Upper
154	100		
153	453.5	350.8	526.2
152	226.4	171.1	256.7



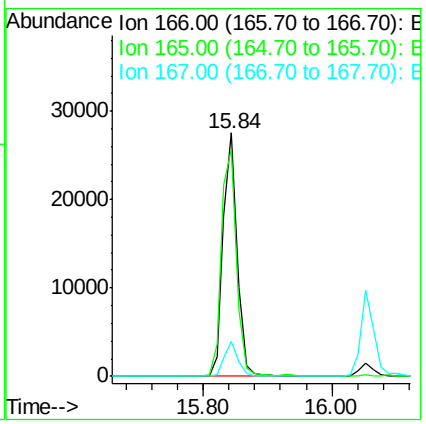


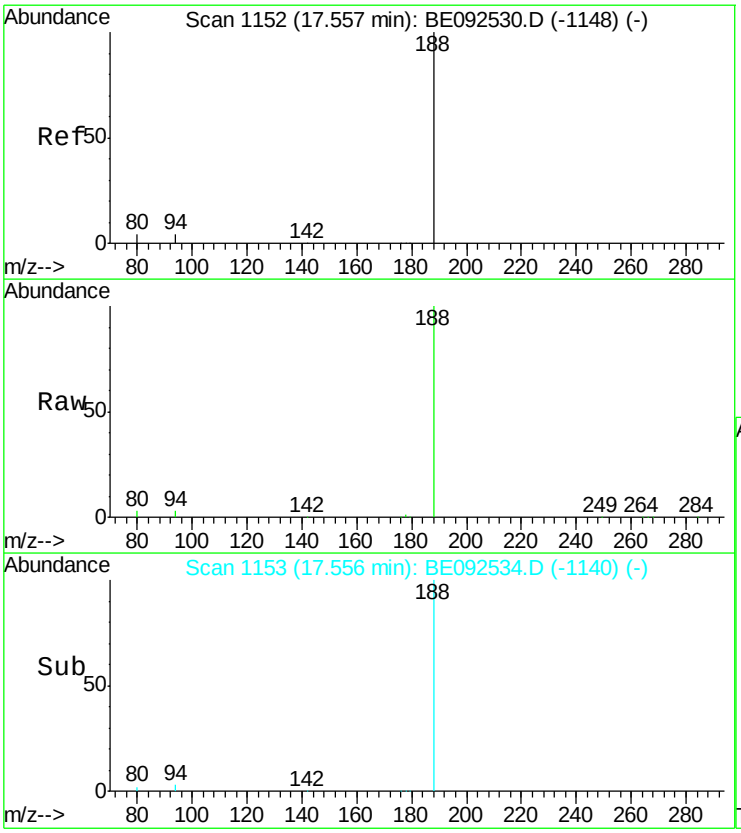
#17
Fluorene
Concen: 4.80 ng
RT: 15.84 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 41609

Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.2	117.4
167	13.5	11.0	16.4

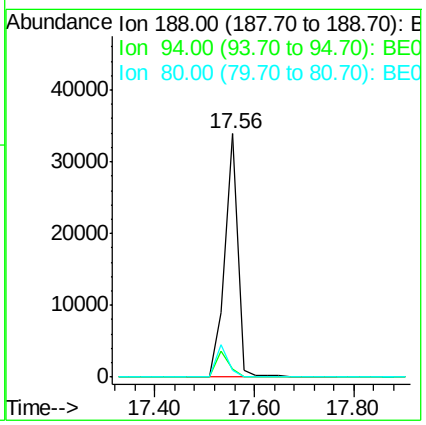


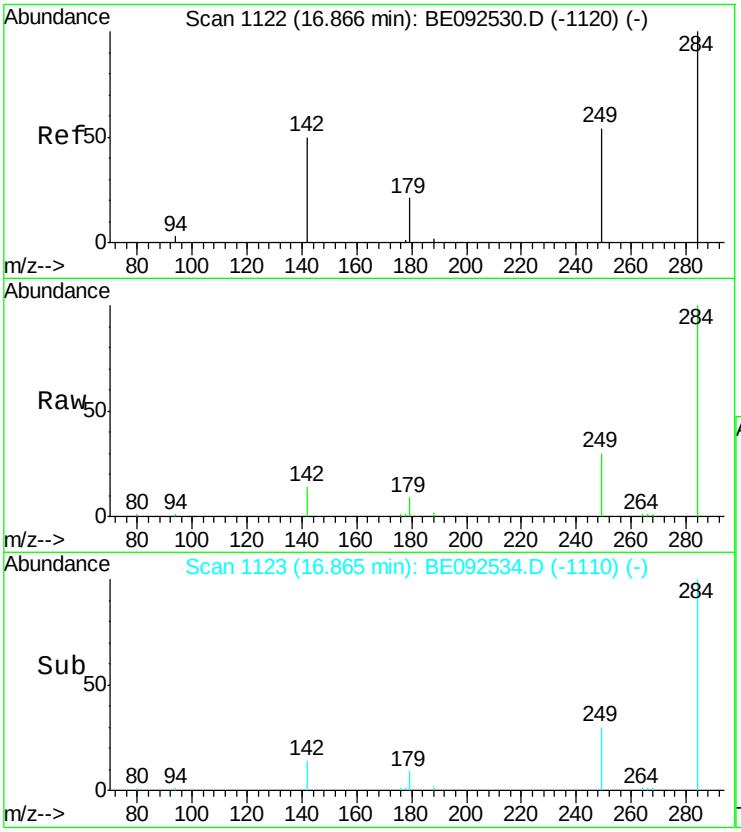


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Tgt Ion:188 Resp: 61428

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



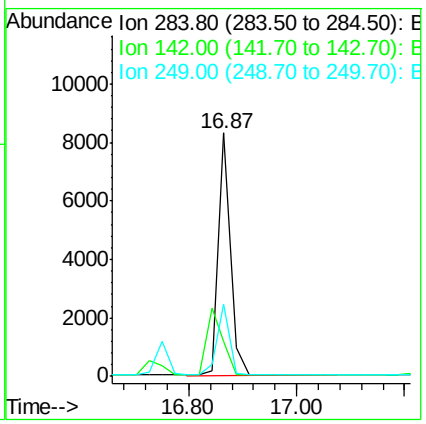


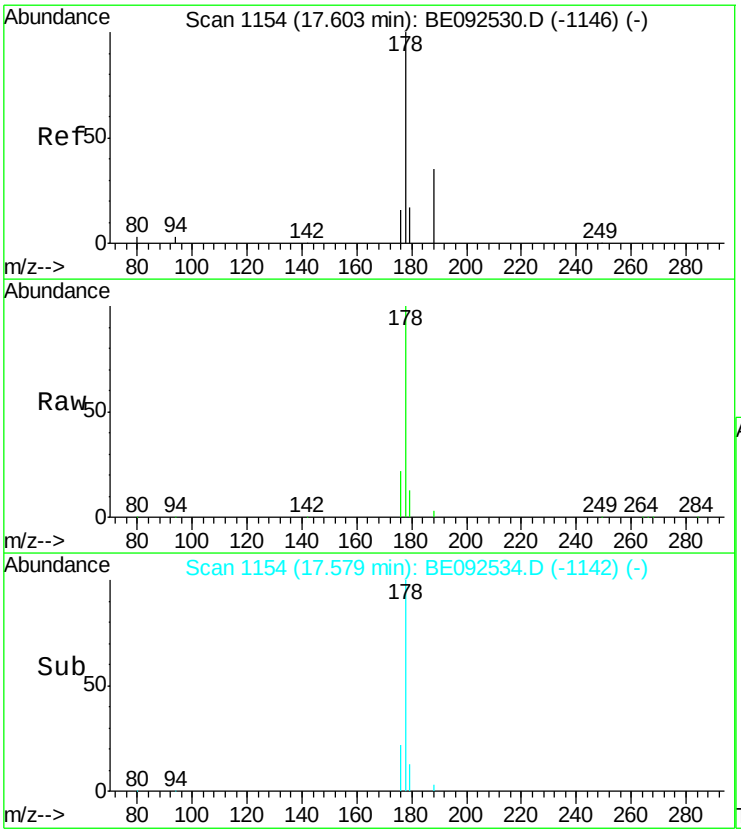
#19
Hexachlorobenzene
Concen: 5.70 ng
RT: 16.87 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:284 Resp: 13226

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	30.6	27.9	41.9

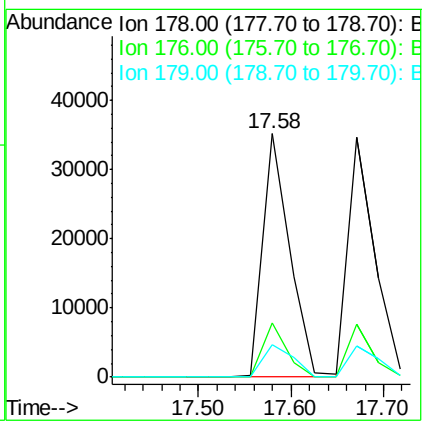


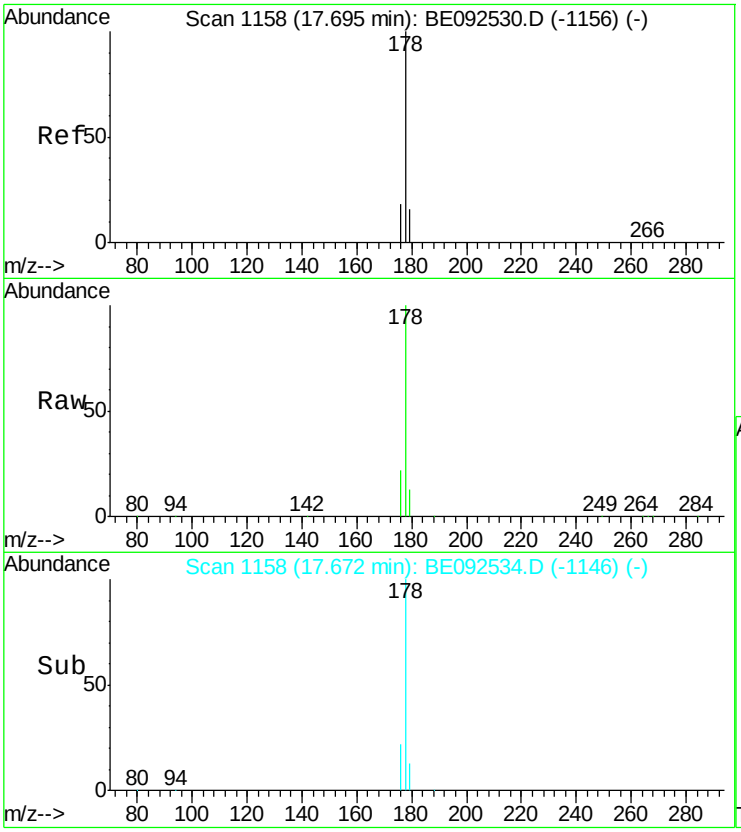


#21
Phenanthrene
Concen: 5.27 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Tgt Ion:178 Resp: 70021

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	14.9	16.0	24.0#



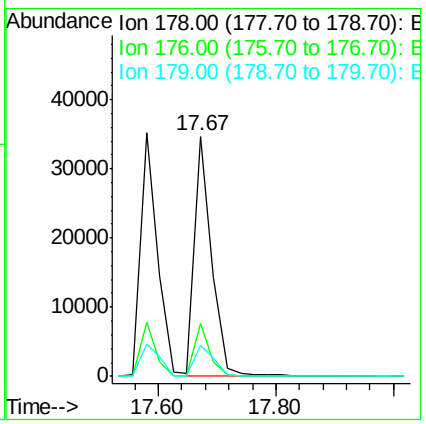


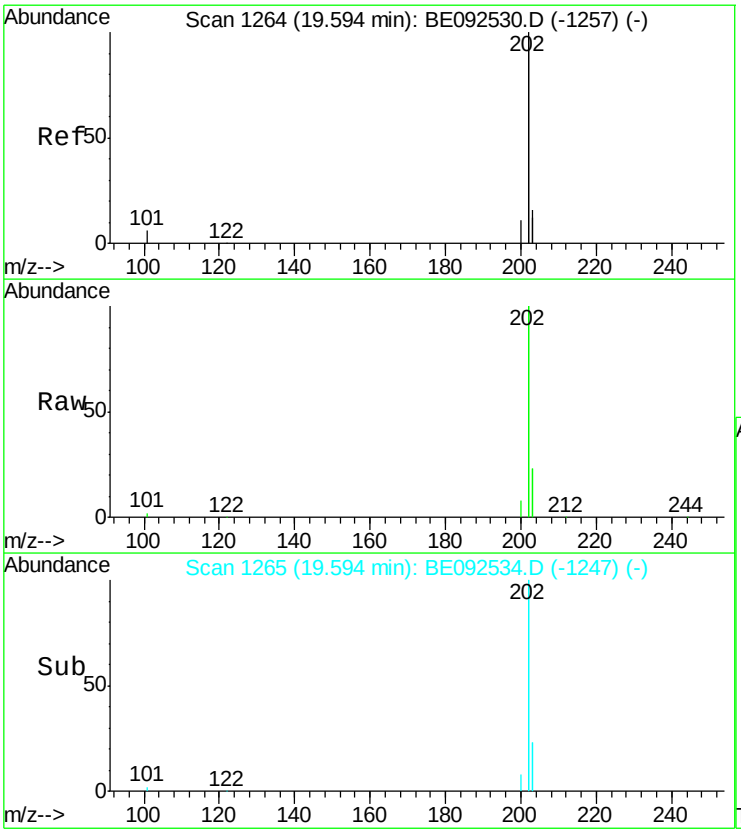
#22
Anthracene
Concen: 5.45 ng
RT: 17.67 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 70258

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.0	22.4
179	14.9	12.2	18.2

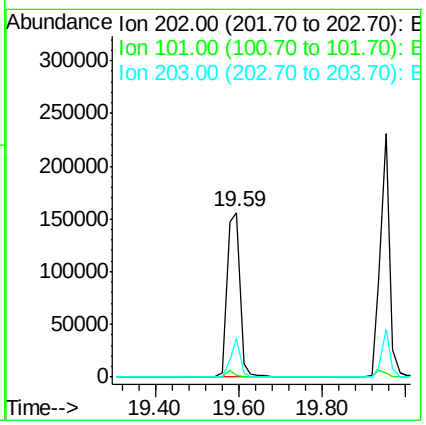


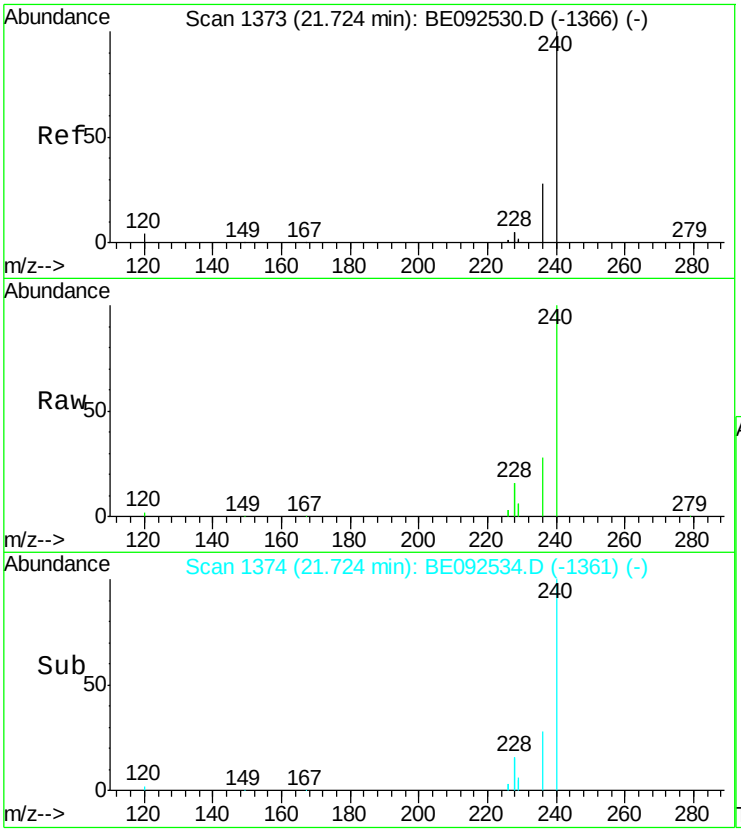


#23
Fluoranthene
Concen: 5.02 ng
RT: 19.59 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Tgt Ion:202 Resp: 334706

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.9	13.7	20.5



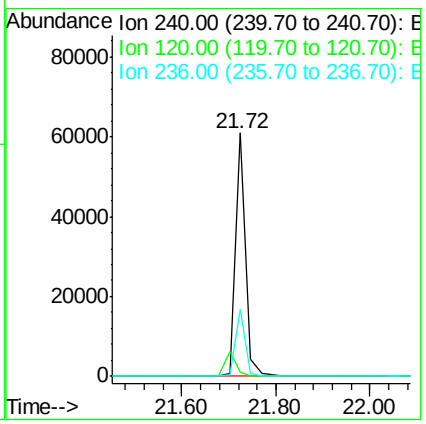


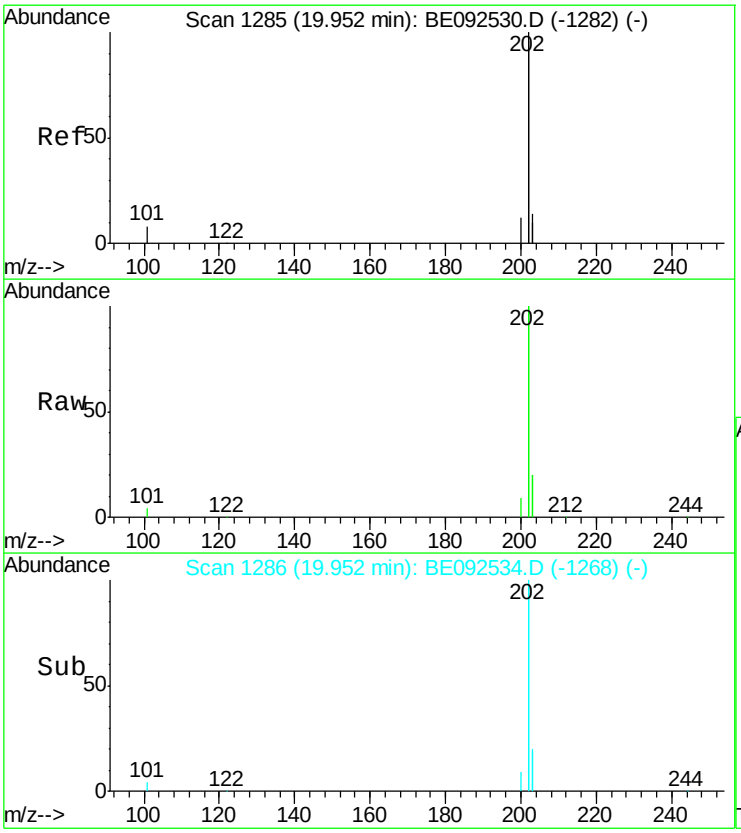
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 91820

Ion	Ratio	Lower	Upper
240	100		
120	2.0	2.6	4.0#
236	27.6	24.6	37.0

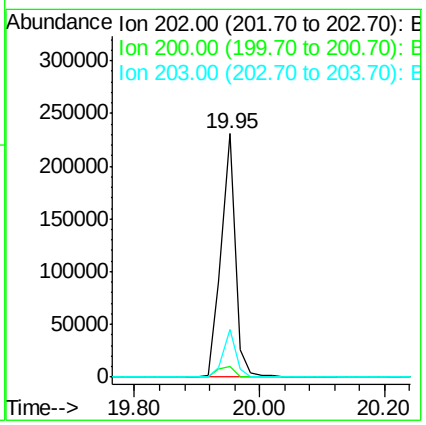


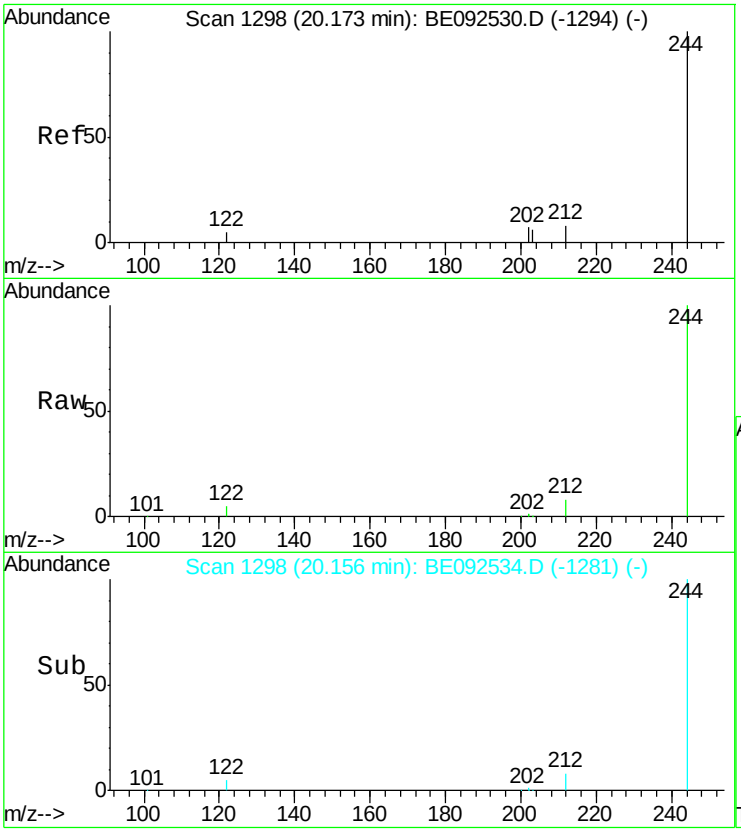


#25
Pyrene
Concen: 4.82 ng
RT: 19.95 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Tgt Ion:202 Resp: 362426

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.8	13.9	20.9



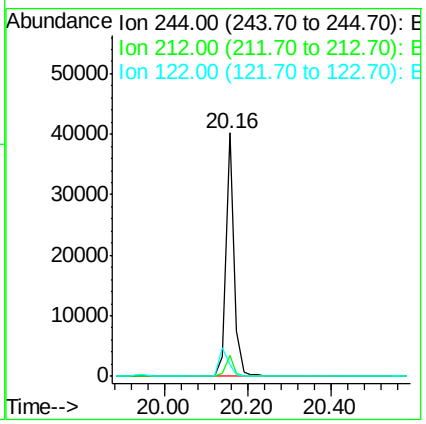


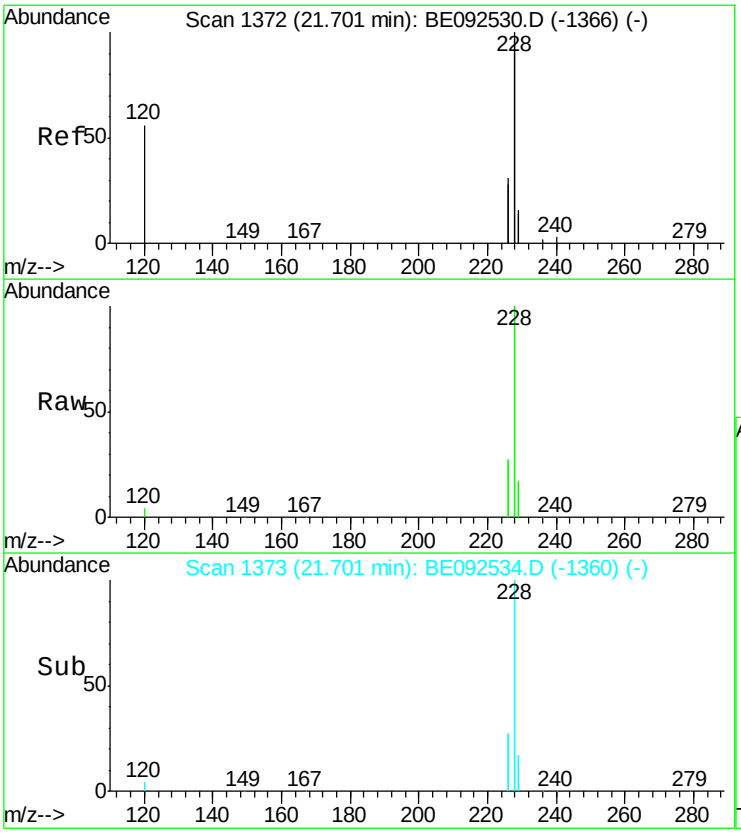
#26
Terphenyl-d14
Concen: 4.79 ng
RT: 20.16 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 53367

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.7	10.1
122	5.0	3.6	5.4

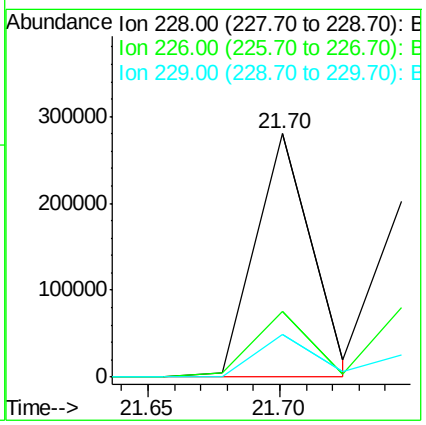


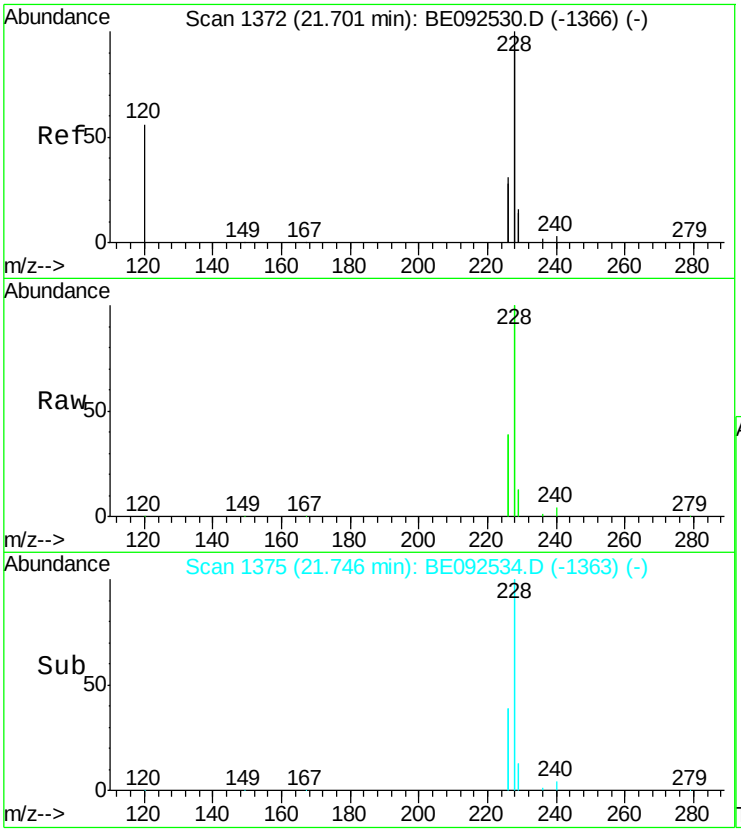


#27
Benzo(a)anthracene
Concen: 4.43 ng m
RT: 21.70 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Tgt Ion:228 Resp: 412673

Ion	Ratio	Lower	Upper
228	100		
226	26.9	23.6	35.4
229	17.3	13.3	19.9



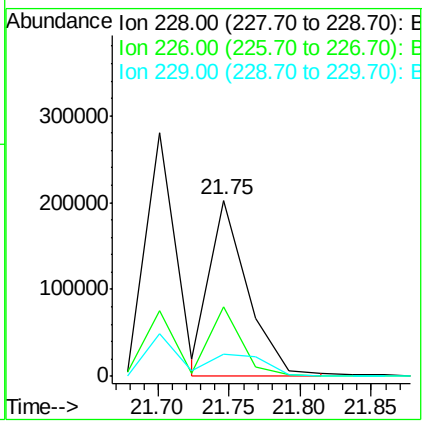


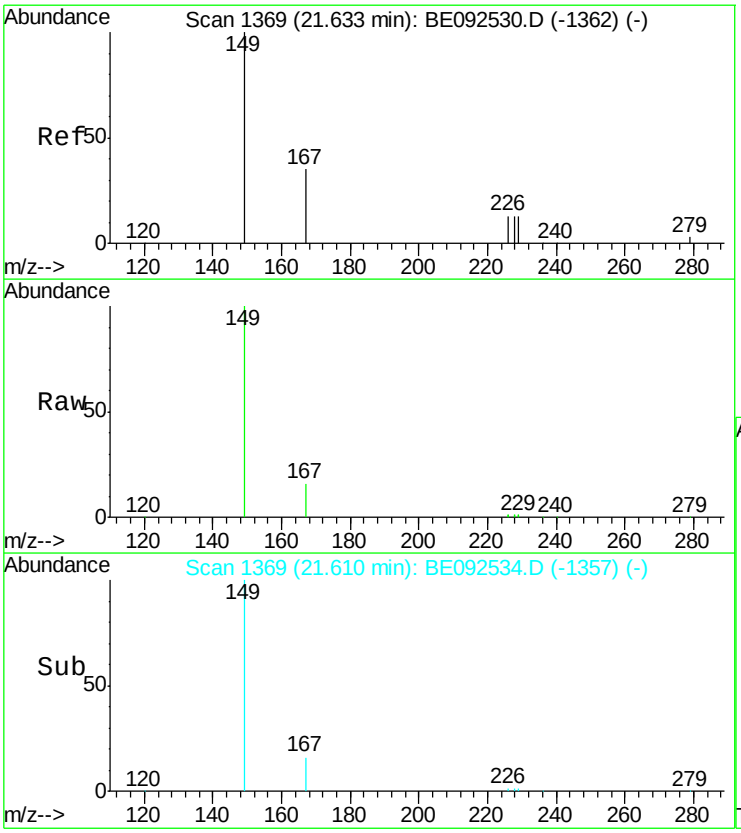
#28
Chrysene
Concen: 3.78 ng m
RT: 21.75 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 377041

Ion	Ratio	Lower	Upper
228	100		
226	39.3	36.3	54.5
229	12.7	10.6	16.0

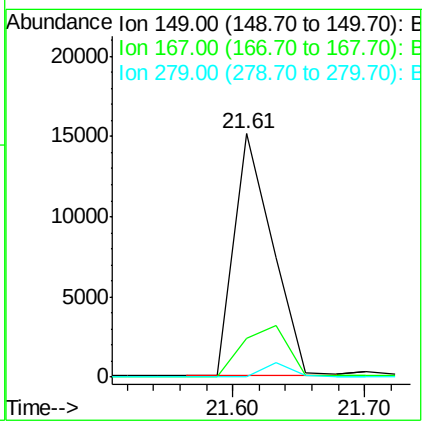


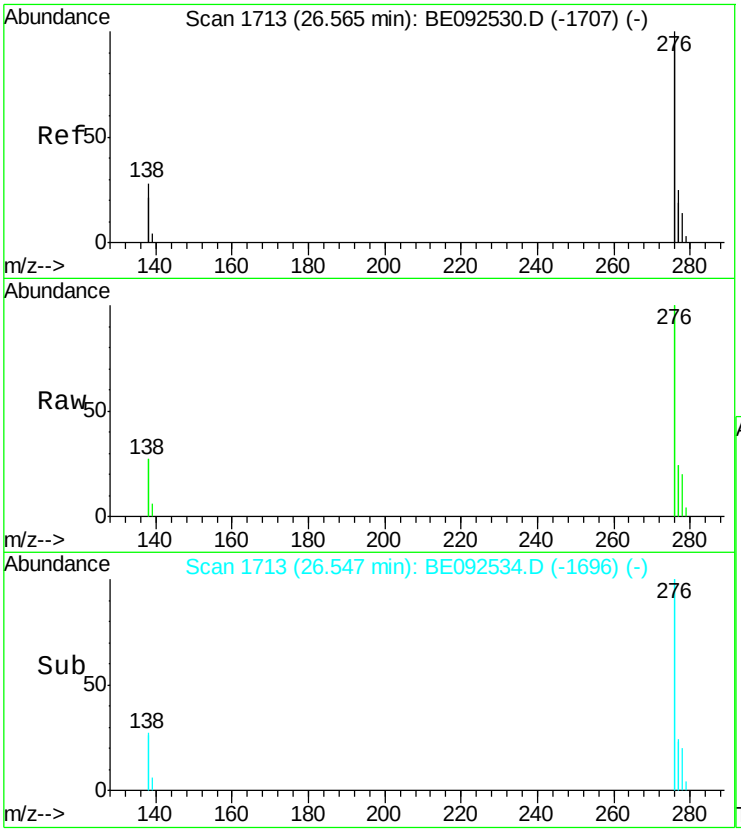


#29
Bis(2-ethylhexyl)phthalate
Concen: 3.15 ng
RT: 21.61 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Tgt Ion:149 Resp: 30908

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



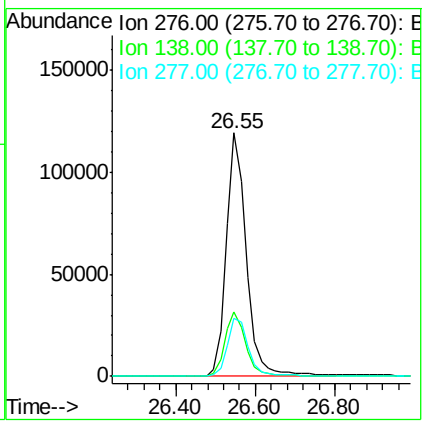


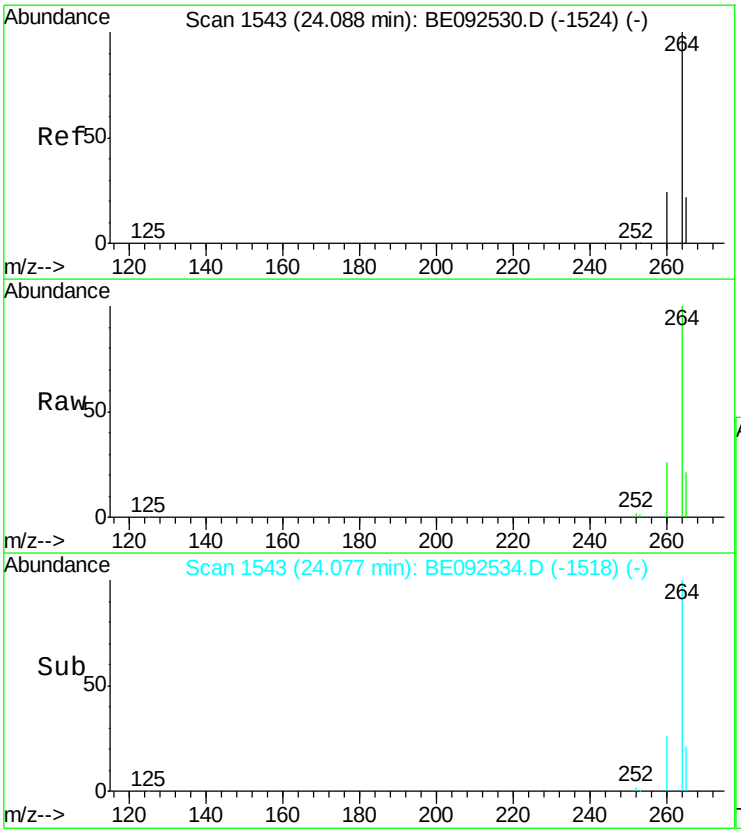
#30
Indeno(1,2,3-cd)pyrene
Concen: 4.07 ng
RT: 26.55 min Scan# 1713
Delta R.T. -0.02 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 413029

Ion	Ratio	Lower	Upper
276	100		
138	27.6	20.3	30.5
277	24.8	19.7	29.5

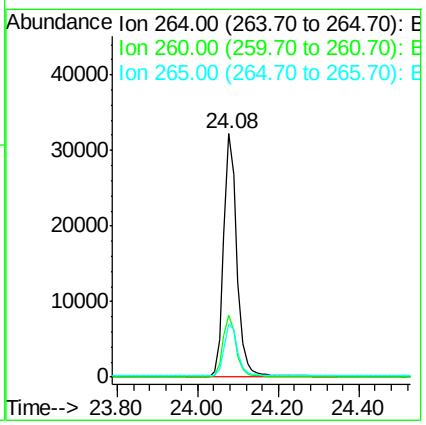


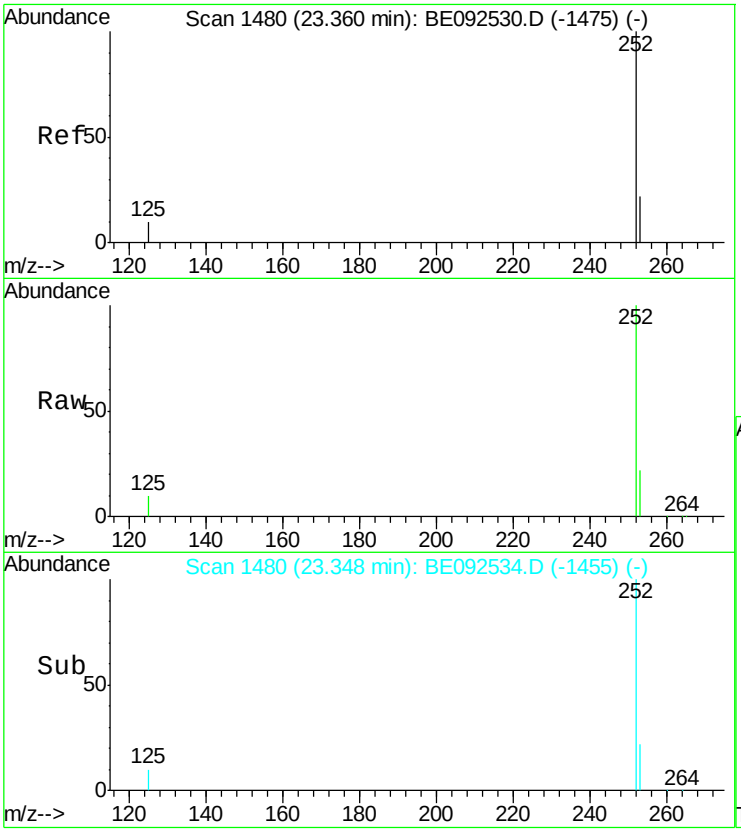


#31
Perylene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Tgt Ion:264 Resp: 73741

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.1	30.1
265	21.5	17.9	26.9



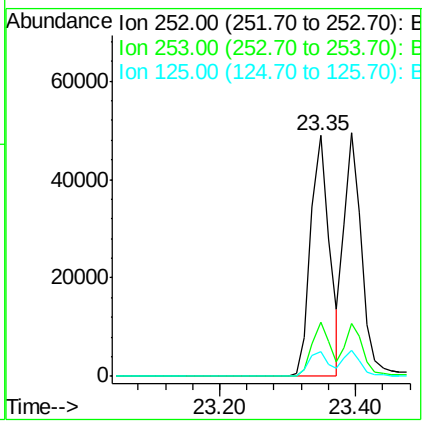


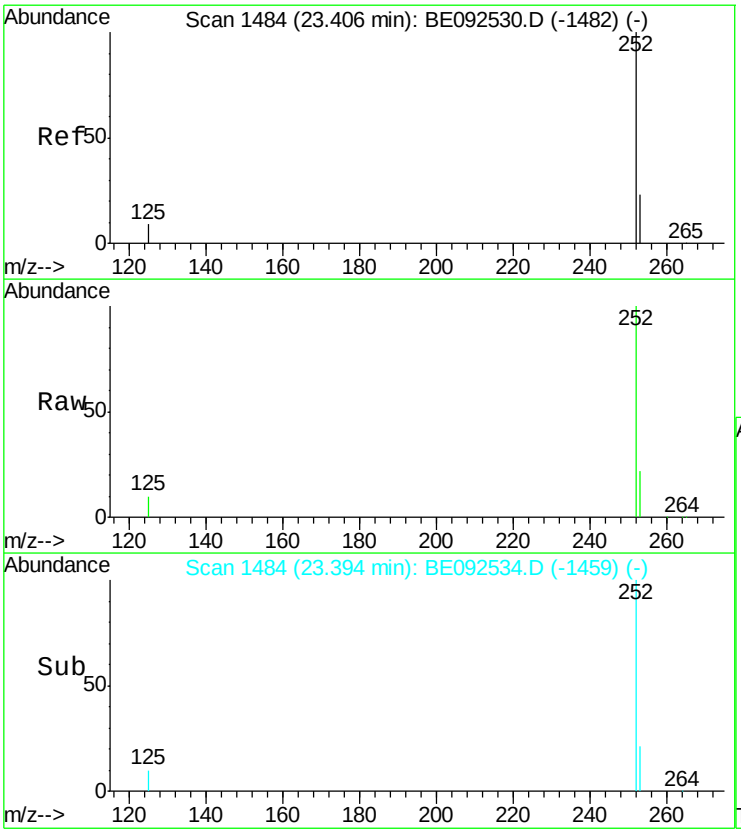
#32
Benzo(b)fluoranthene
Concen: 3.32 ng
RT: 23.35 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 92418

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.7	28.1
125	10.3	10.5	15.7#

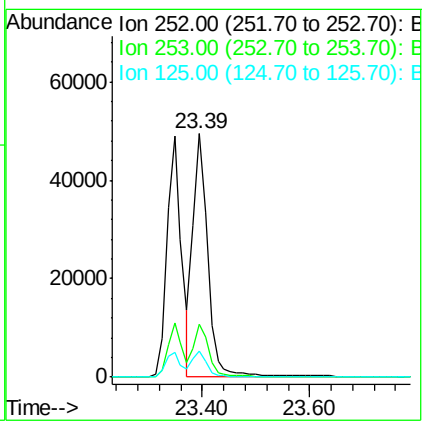


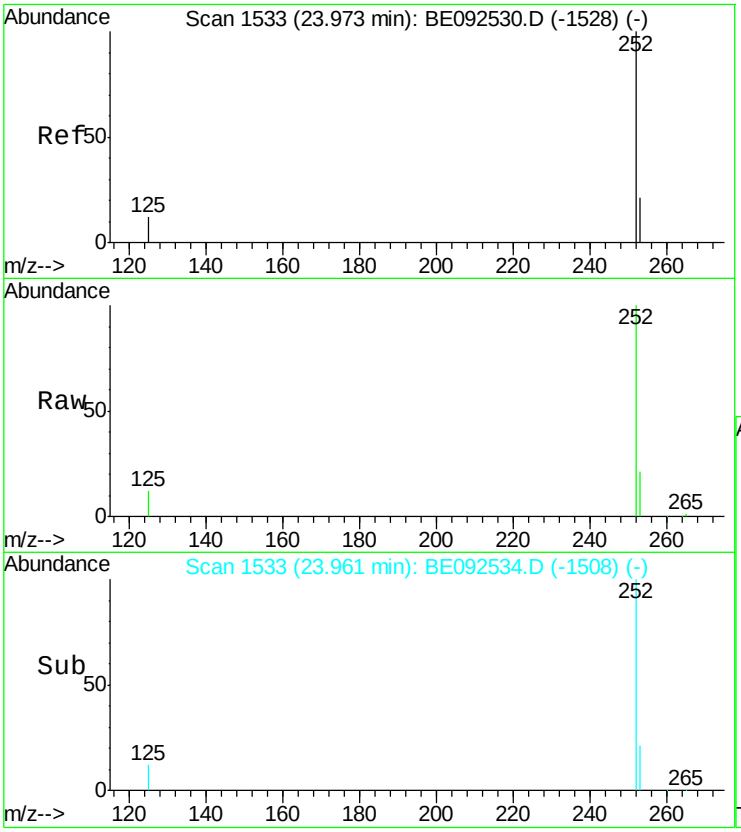


#33
Benzo(k)fluoranthene
Concen: 3.17 ng
RT: 23.39 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Tgt Ion:252 Resp: 92274

Ion	Ratio	Lower	Upper
252	100		
253	21.6	20.3	30.5
125	10.5	9.6	14.4



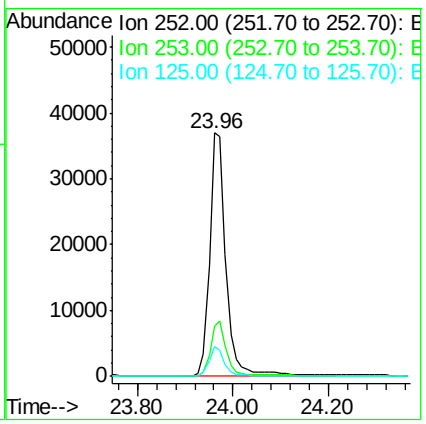


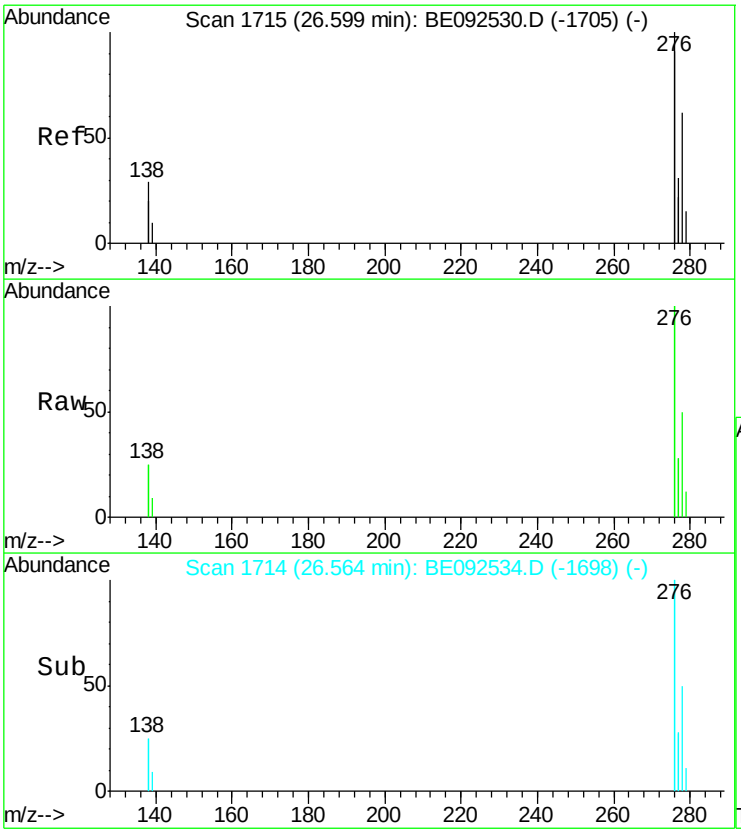
#34
Benzo(a)pyrene
Concen: 4.61 ng
RT: 23.96 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 87891

Ion	Ratio	Lower	Upper
252	100		
253	20.9	19.0	28.6
125	12.1	11.8	17.8

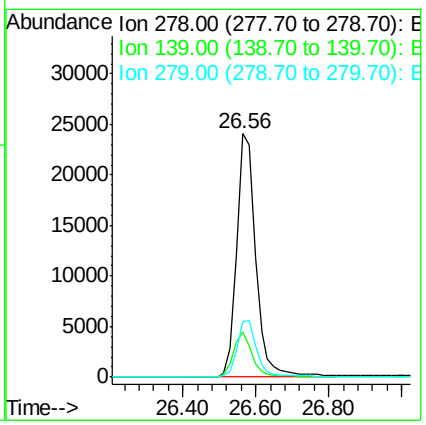


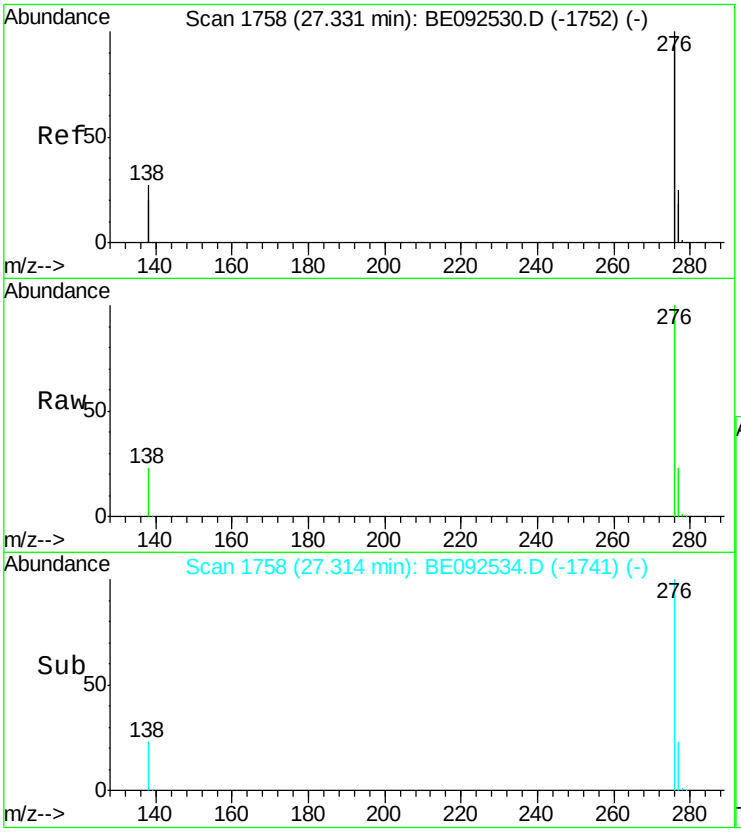


#35
Dibenzo(a,h)anthracene
Concen: 4.80 ng
RT: 26.56 min Scan# 1714
Delta R.T. -0.03 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Tgt Ion:278 Resp: 85994

Ion	Ratio	Lower	Upper
278	100		
139	18.7	13.8	20.8
279	22.9	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 4.77 ng
RT: 27.31 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BE092534.D
Acq: 16 Nov 2016 14:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 352347

Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.8	29.8
138	23.3	19.8	29.6