Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090116\
Data File : BE092328.D
Acq On : 1 Sep 2016 14:33
Operator : UM/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Sep 02 03:17:50 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 03:16:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	8484	5.00	ng		0.00
7) Naphthalene-d8	10.95	136	42145	5.00	ng		0.00
12) Acenaphthene-d10	14.81	164	25777	5.00	ng		-0.02
18) Phenanthrene-d10	17.58	188	65606	5.00	ng		0.00
24) Chrysene-d12	21.75	240	91855	5.00	ng		0.00
31) Perylene-d12	24.12	264	84841	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.68	112	3640	1.86	ng		-0.01
5) Phenol-d6	7.34	99	4912	1.91	ng		-0.02
8) Nitrobenzene-d5	9.34	82	4838	1.73	ng		-0.02
13) 2,4,6-Tribromophenol	16.31	330	1588	2.16	ng		-0.01
14) 2-Fluorobiphenyl	13.44	172	12741	1.59	ng		0.00
26) Terphenyl-d14	20.17	244	20099	1.62	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	1778	1.49	ng		94
3) n-Nitrosodimethylamine	3.77	42	2306	1.82	ng	#	99
6) bis(2-Chloroethyl)ether	7.59	93	4196	2.09	ng	#	93
9) Naphthalene	11.01	128	14645	1.57	ng		95
10) Hexachlorobutadiene	11.30	225	2356	1.66	ng		99
11) 2-Methylnaphthalene	12.63	142	9931	1.71	ng	#	86
15) Acenaphthylene	14.53	152	72014	1.64	ng		100
16) Acenaphthene	14.88	154	11009	1.54	ng		96
17) Fluorene	15.87	166	14593	1.67	ng		99
19) Hexachlorobenzene	16.89	284	4454	1.64	ng	#	66
20) Pentachlorophenol	17.23	266	1454	2.13	ng	#	83
21) Phenanthrene	17.60	178	23543	1.52	ng	#	100
22) Anthracene	17.69	178	23578	1.65	ng	#	83
23) Fluoranthene	19.61	202	123495	1.75	ng		100
25) Pyrene	19.97	202	131774	1.55	ng		99
27) Benzo(a)anthracene	21.72	228	297740	3.08	ng		94
28) Chrysene	21.72	228	299248	3.49	ng	#	74
29) Bis(2-ethylhexyl)phthalate	21.63	149	14487	2.20	ng	#	100
30) Indeno(1,2,3-cd)pyrene	26.62	276	161242	1.80	ng		100
32) Benzo(b)fluoranthene	23.38	252	36241	1.81	ng	#	96
33) Benzo(k)fluoranthene	23.43	252	36108	1.58	ng		93
34) Benzo(a)pyrene	24.01	252	34225	1.69	ng	#	95
35) Dibenzo(a,h)anthracene	26.63	278	33204	1.84	ng		95
36) Benzo(g,h,i)perylene	27.38	276	136629	1.72	ng		95

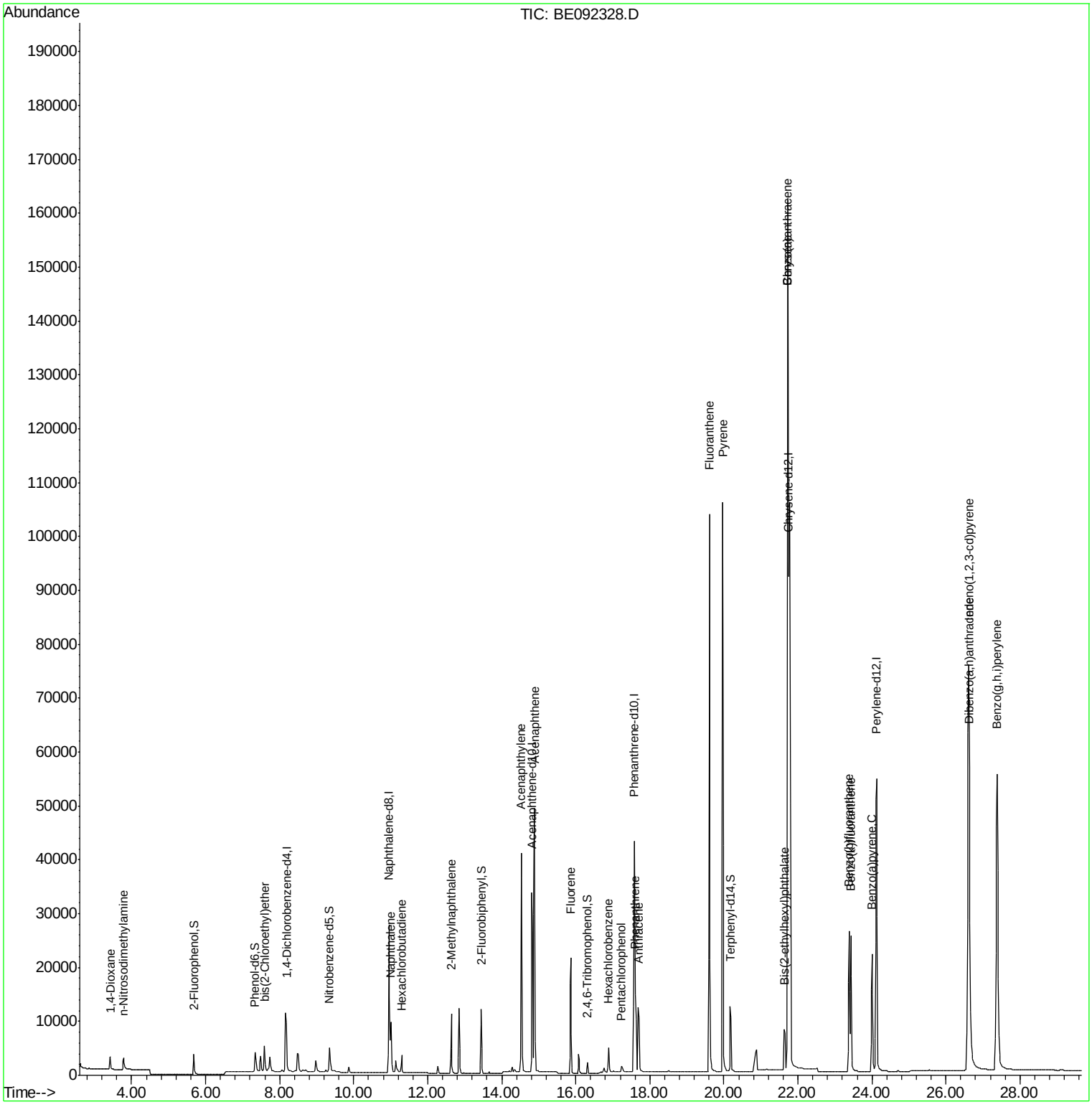
(#) = qualifier out of range (m) = manual integration (+) = signals summed

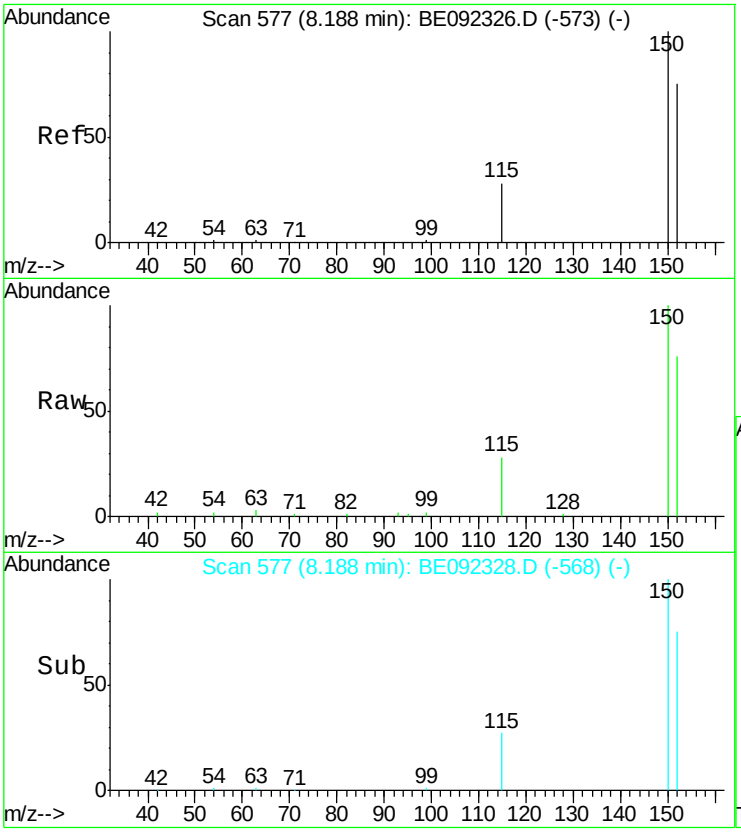
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090116\
Data File : BE092328.D
Acq On : 1 Sep 2016 14:33
Operator : UM/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: Sep 02 03:17:50 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 03:16:21 2016
Response via : Initial Calibration



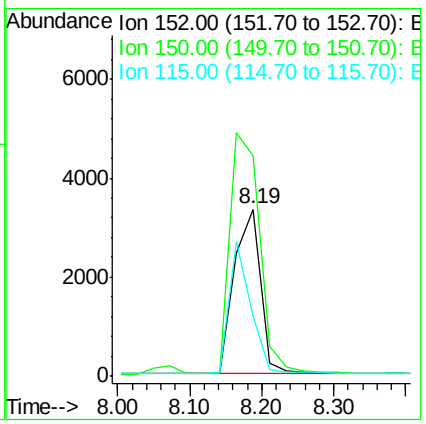


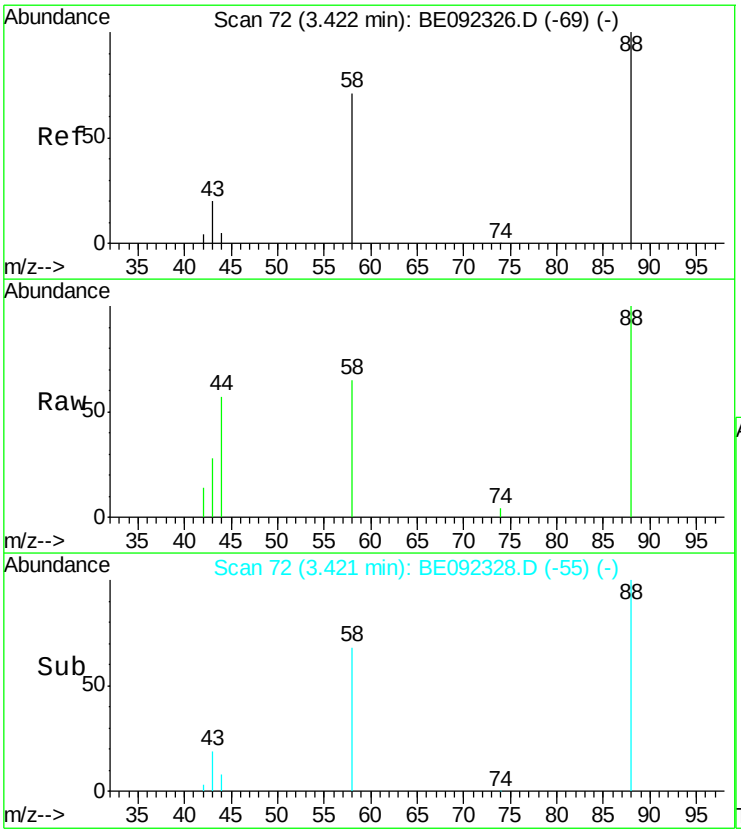
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.19 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 8484

Ion	Ratio	Lower	Upper
152	100		
150	132.1	106.0	159.0
115	36.5	31.2	46.8

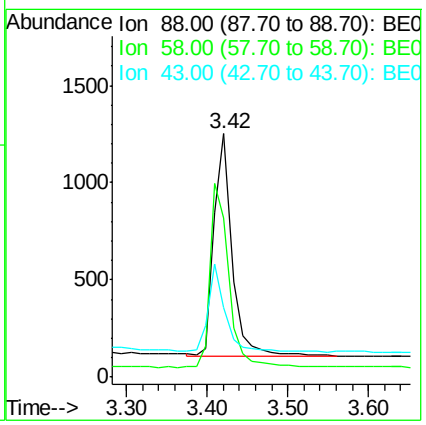


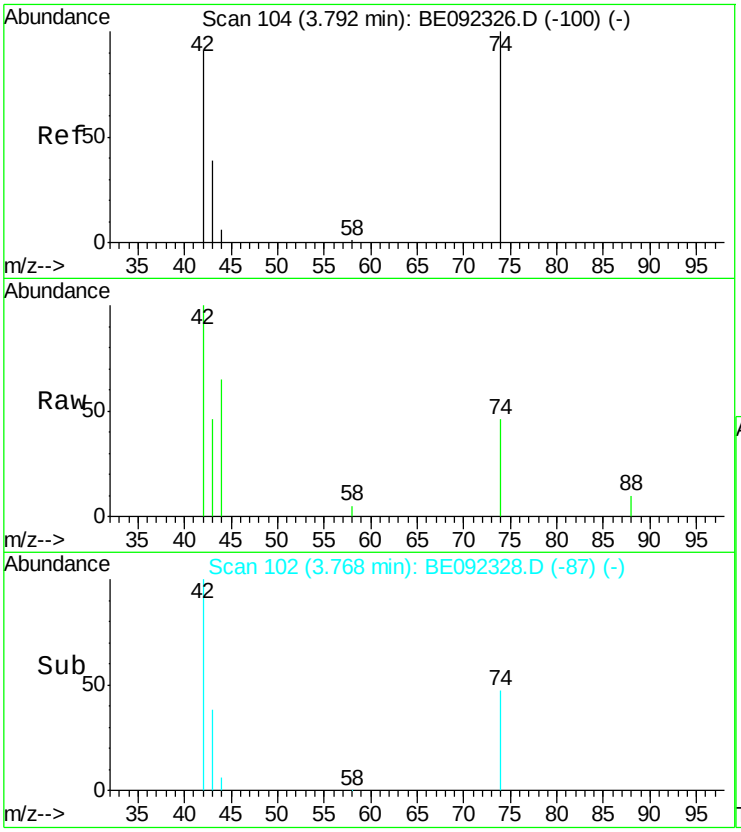


#2
1,4-Dioxane
Concen: 1.49 ng
RT: 3.42 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Tgt Ion: 88 Resp: 1778

Ion	Ratio	Lower	Upper
88	100		
58	85.9	63.6	95.4
43	37.5	28.0	42.0



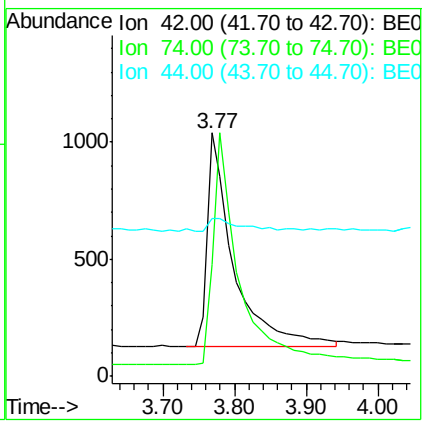


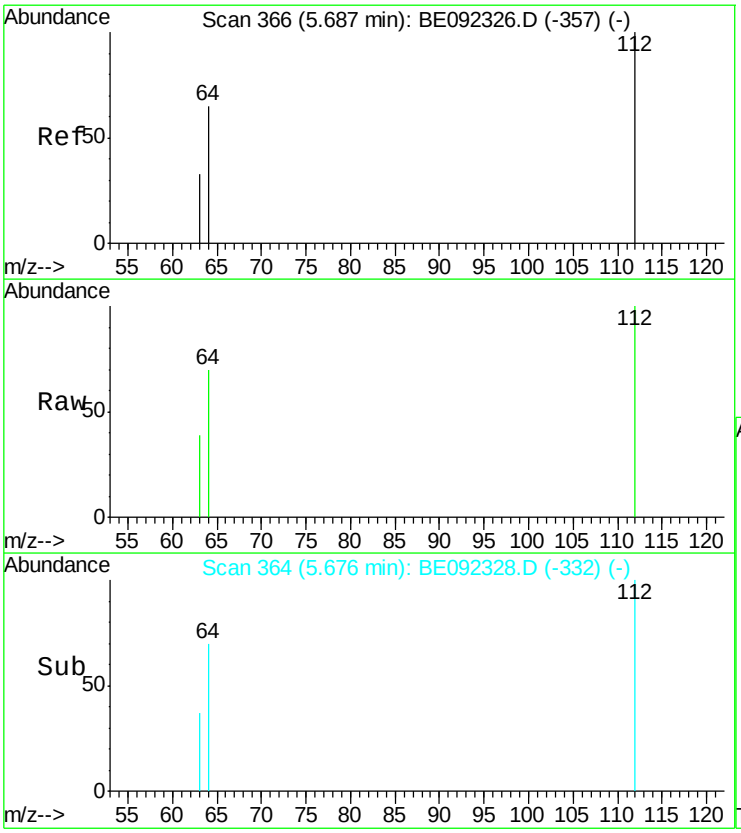
#3
n-Nitrosodimethylamine
Concen: 1.82 ng
RT: 3.77 min Scan# 102
Delta R.T. -0.02 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 2306

Ion	Ratio	Lower	Upper
42	100		
74	107.8	86.0	129.0
44	7.9	5.1	7.7#

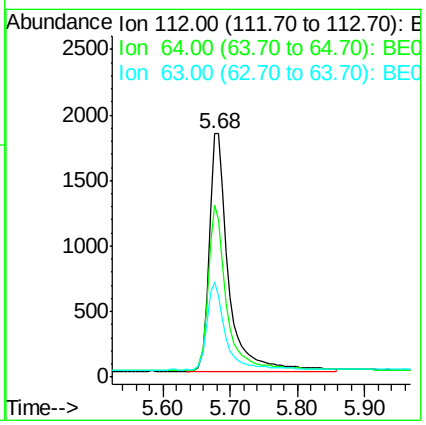


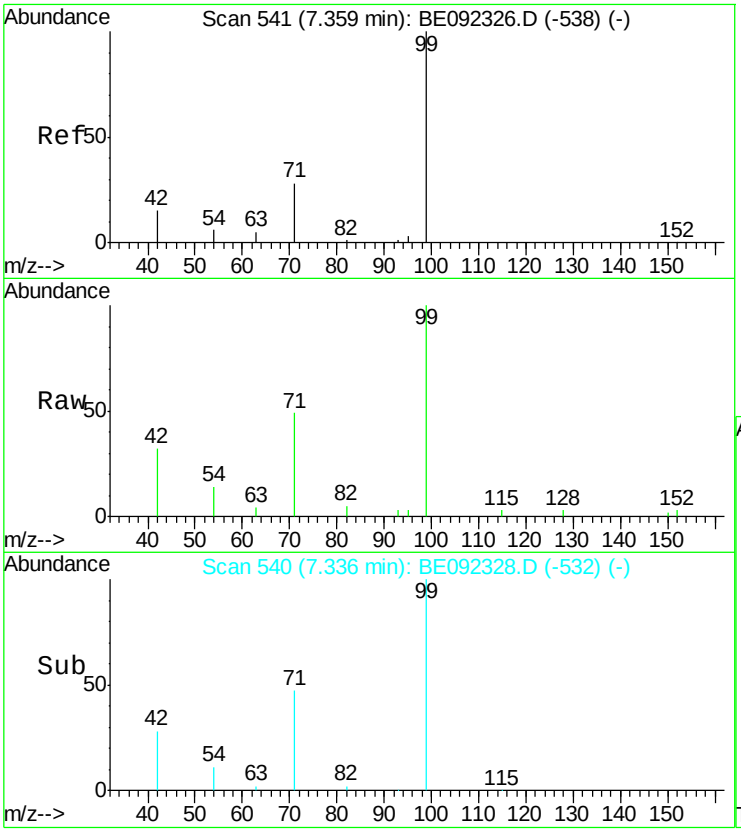


#4
2-Fluorophenol
Concen: 1.86 ng
RT: 5.68 min Scan# 364
Delta R.T. -0.01 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Tgt Ion:112 Resp: 3640

Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.5	80.3
63	35.4	27.9	41.9



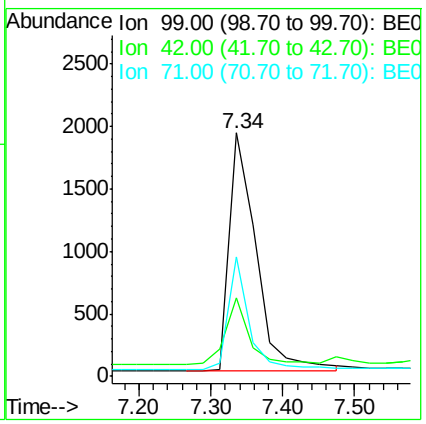


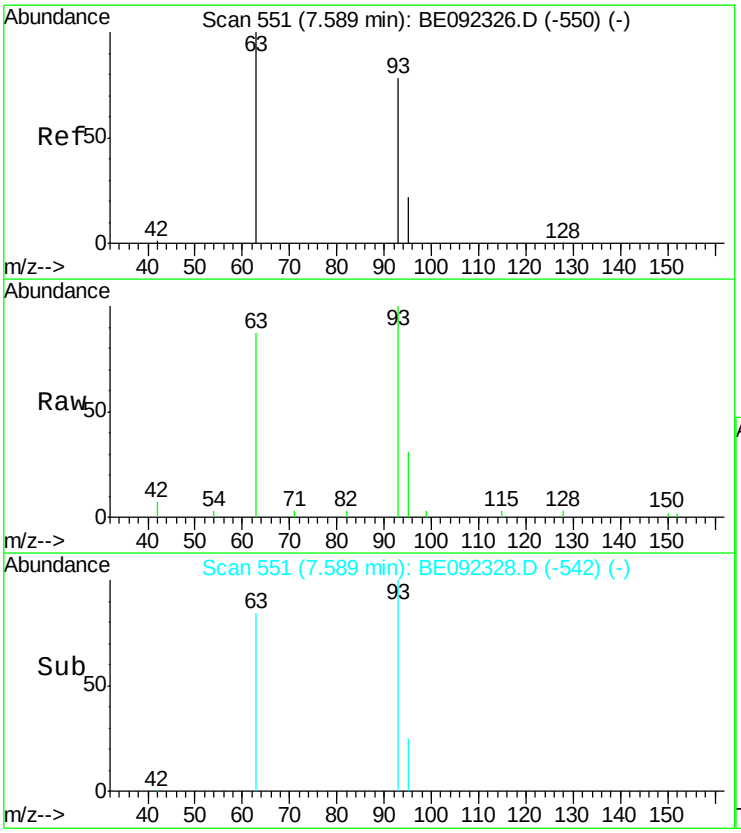
#5
Phenol-d6
Concen: 1.91 ng
RT: 7.34 min Scan# 540
Delta R.T. -0.02 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 4912

Ion	Ratio	Lower	Upper
99	100		
42	24.4	0.0	0.0#
71	36.5	30.6	45.8

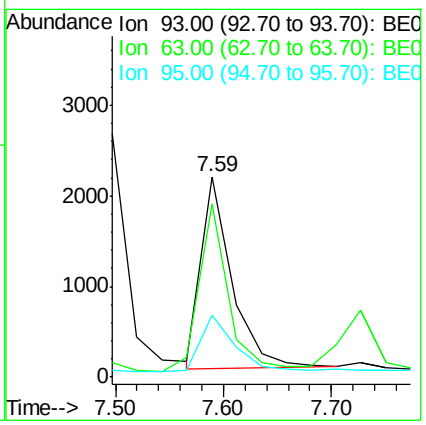


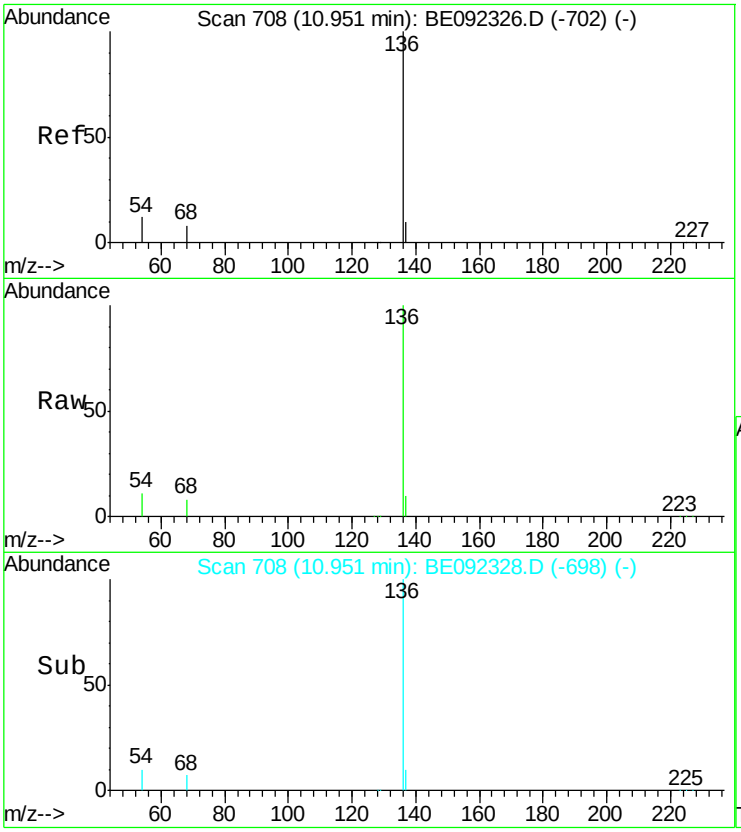


#6
bis(2-Chloroethyl)ether
Concen: 2.09 ng
RT: 7.59 min Scan# 551
Delta R.T. -0.00 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Tgt Ion: 93 Resp: 4196

Ion	Ratio	Lower	Upper
93	100		
63	82.9	71.6	107.4
95	32.4	0.0	0.0#



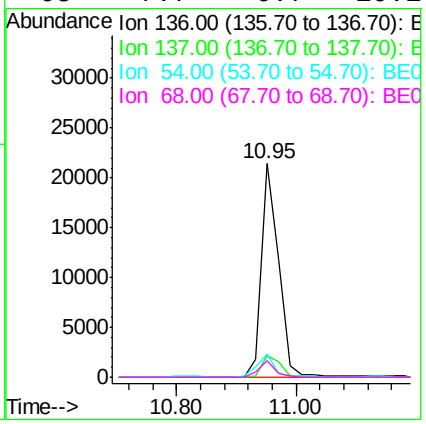


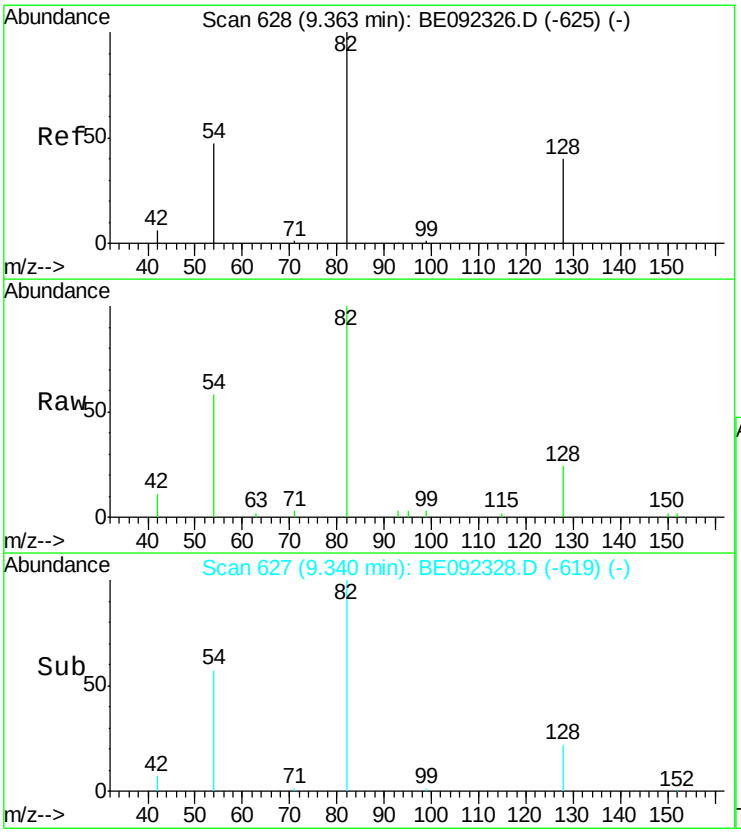
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 42145

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	10.6	9.6	14.4
68	7.7	6.7	10.1

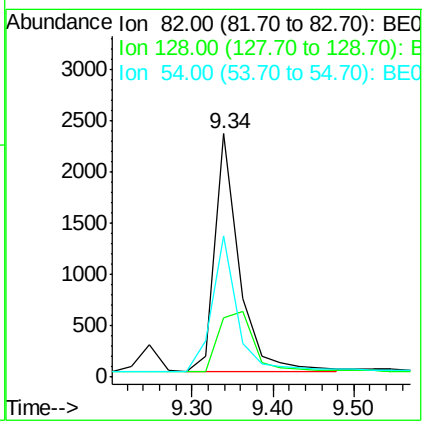


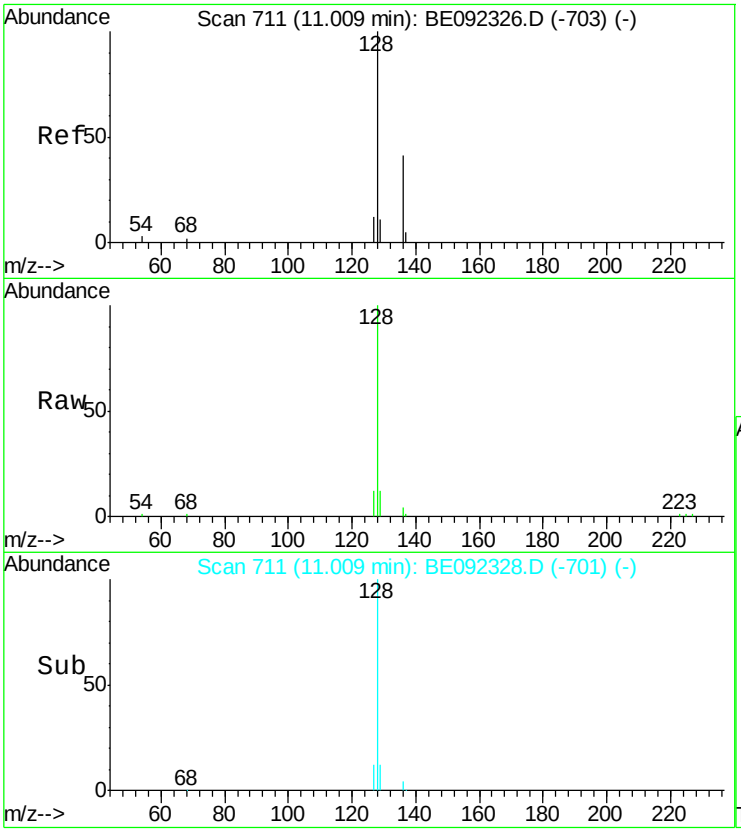


#8
Nitrobenzene-d5
Concen: 1.73 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Tgt Ion: 82 Resp: 4838

Ion	Ratio	Lower	Upper
82	100		
128	24.2	39.0	58.4#
54	58.1	44.8	67.2



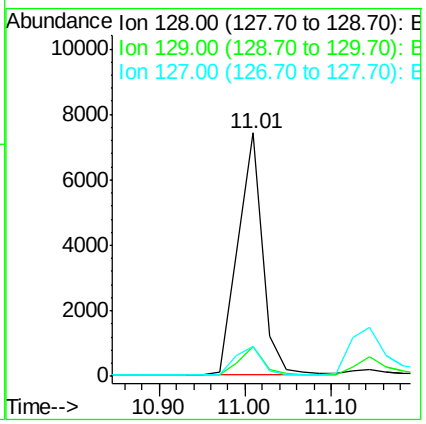


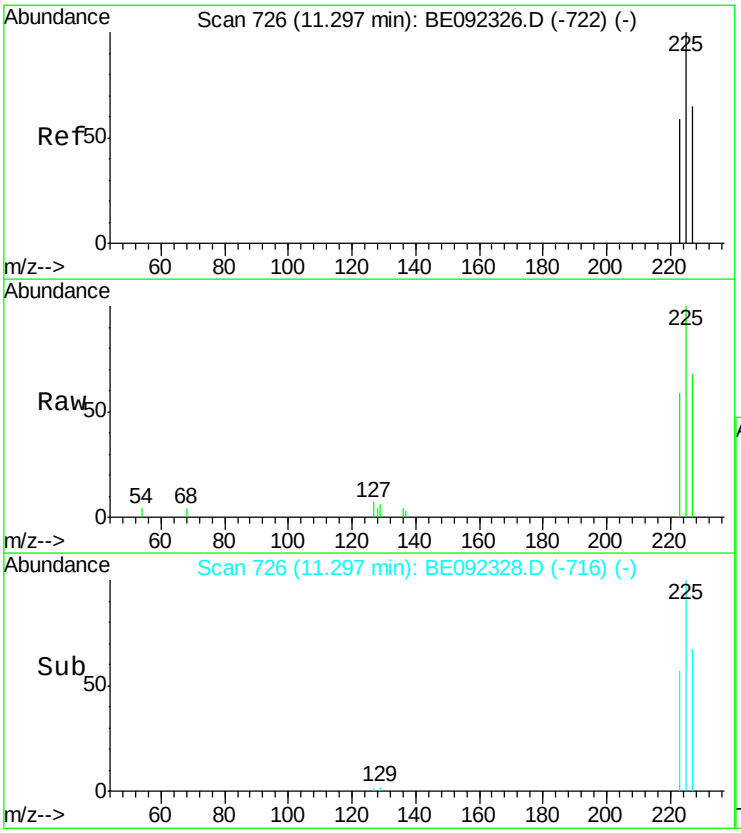
#9
Naphthalene
Concen: 1.57 ng
RT: 11.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 14645

Ion	Ratio	Lower	Upper
128	100		
129	12.2	11.2	16.8
127	12.3	11.6	17.4

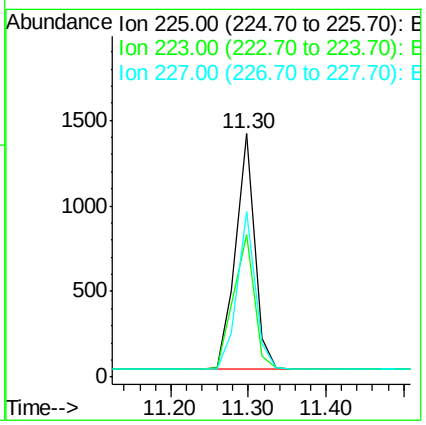


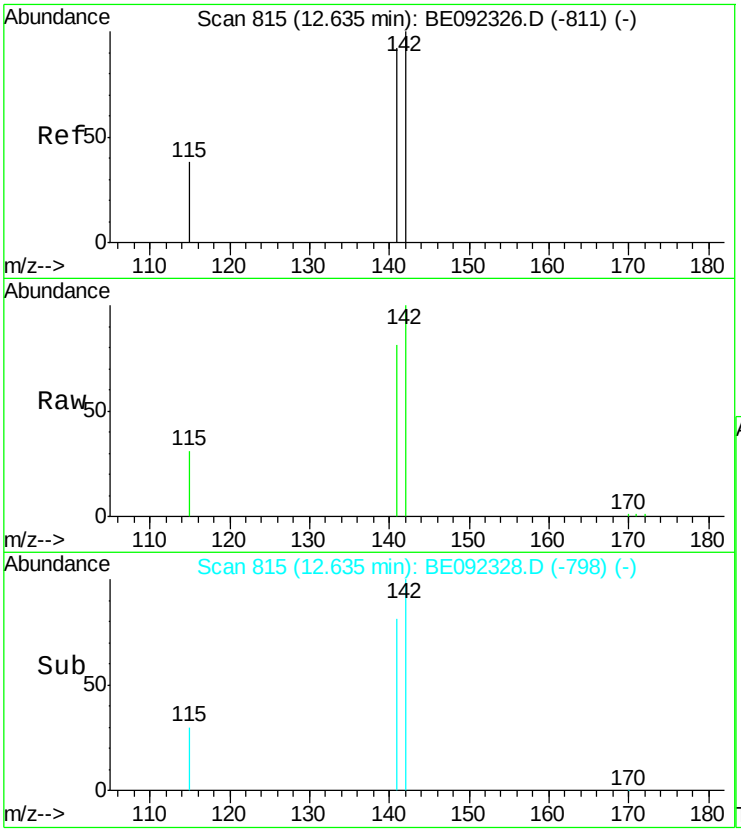


#10
Hexachlorobutadiene
Concen: 1.66 ng
RT: 11.30 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Tgt Ion:225 Resp: 2356

Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.6	76.0
227	63.9	51.4	77.0



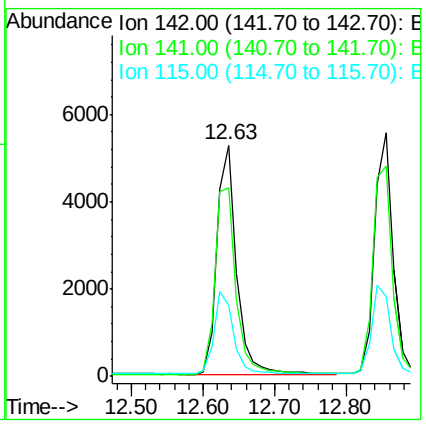


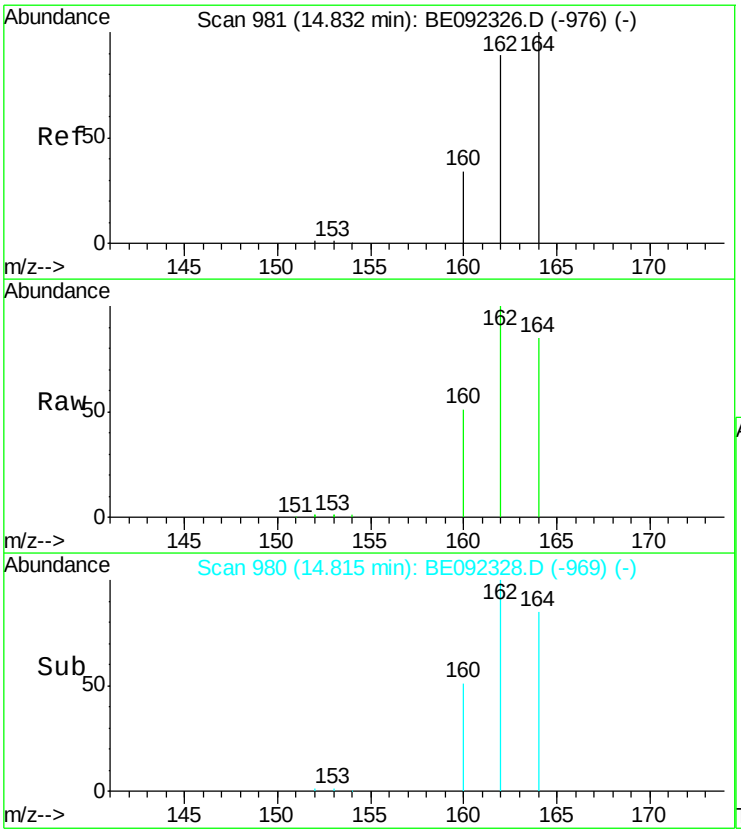
#11
2-Methylnaphthalene
Concen: 1.71 ng
RT: 12.63 min Scan# 815
Delta R.T. 0.00 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:142 Resp: 9931

Ion	Ratio	Lower	Upper
142	100		
141	81.3	73.7	110.5
115	30.6	34.0	51.0#

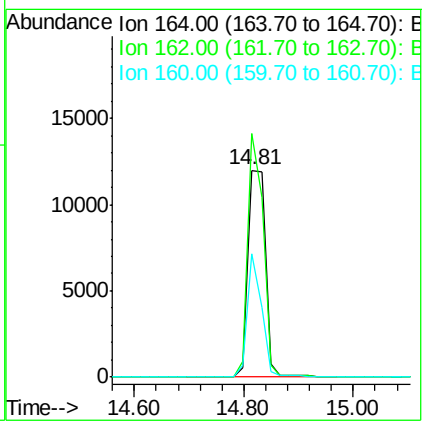


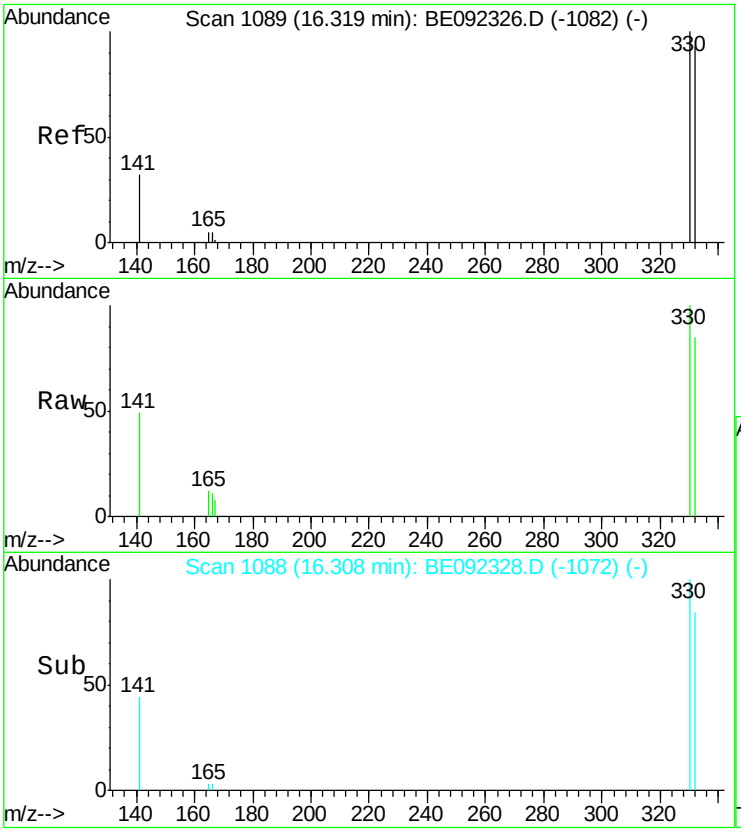


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.81 min Scan# 980
Delta R.T. -0.02 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Tgt Ion:164 Resp: 25777

Ion	Ratio	Lower	Upper
164	100		
162	117.5	71.4	107.0#
160	59.6	27.4	41.2#



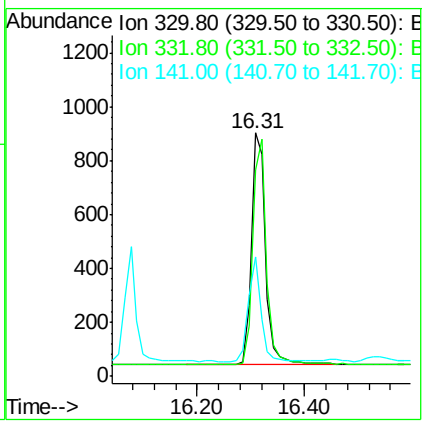


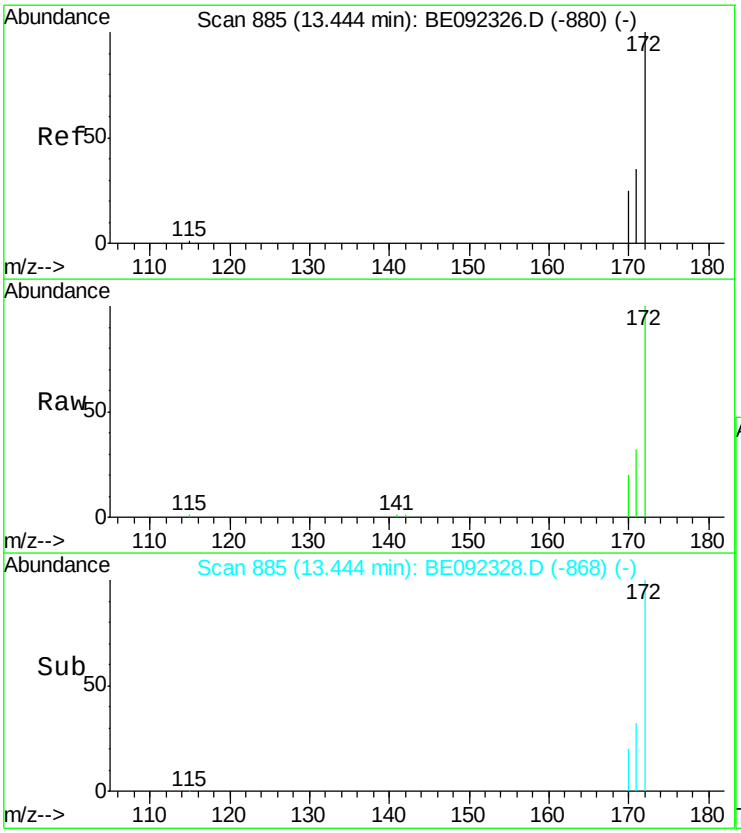
#13
2,4,6-Tribromophenol
Concen: 2.16 ng
RT: 16.31 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:330 Resp: 1588

Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.4	113.0
141	40.8	31.0	46.6

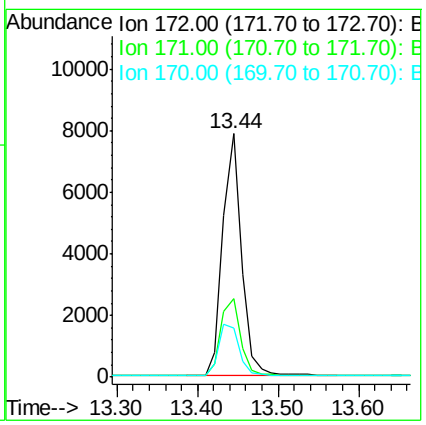


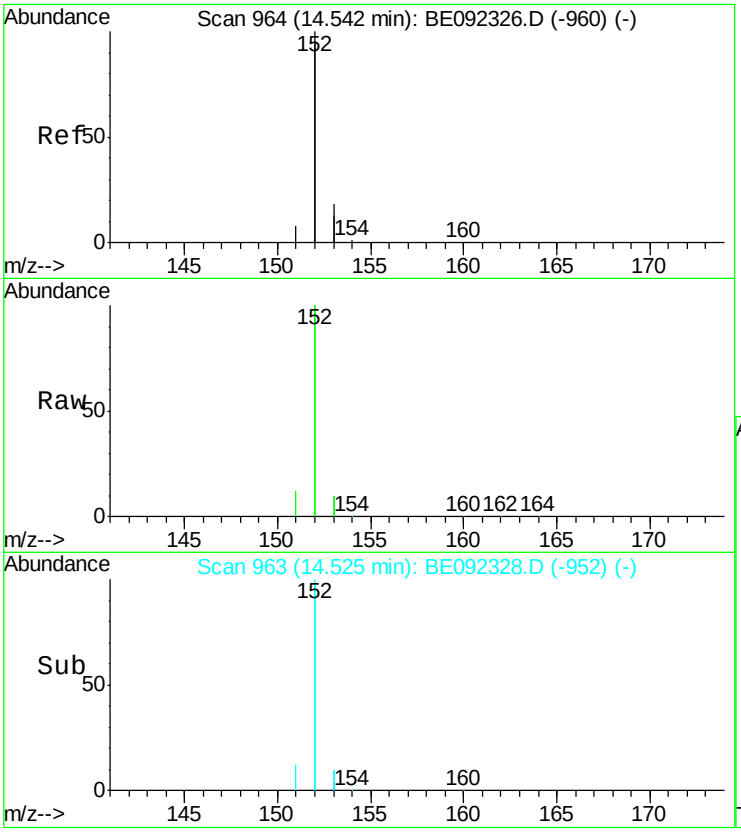


#14
2-Fluorobiphenyl
Concen: 1.59 ng
RT: 13.44 min Scan# 885
Delta R.T. 0.00 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Tgt Ion:172 Resp: 12741

Ion	Ratio	Lower	Upper
172	100		
171	32.3	30.1	45.1
170	20.1	21.8	32.6#



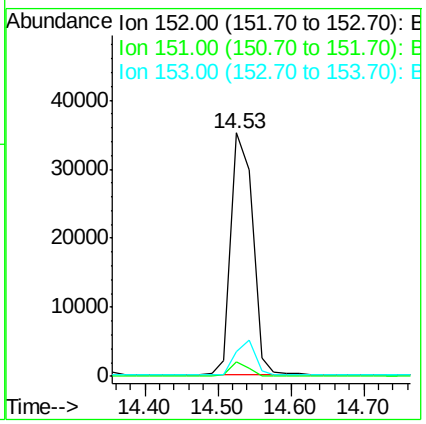


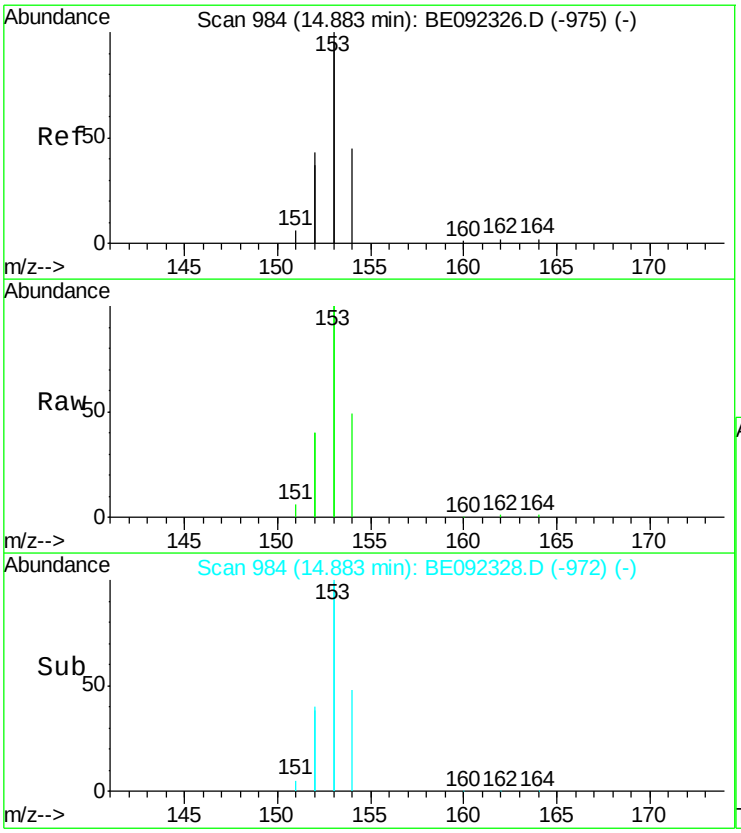
#15
Acenaphthylene
Concen: 1.64 ng
RT: 14.53 min Scan# 963
Delta R.T. -0.02 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 72014

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

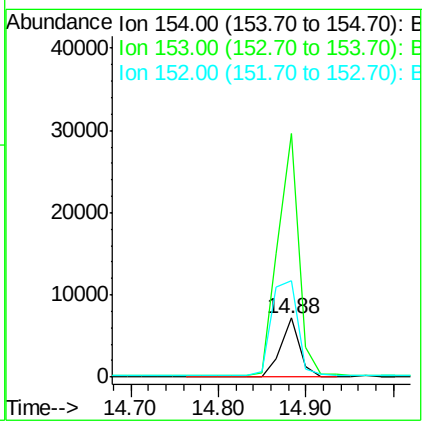


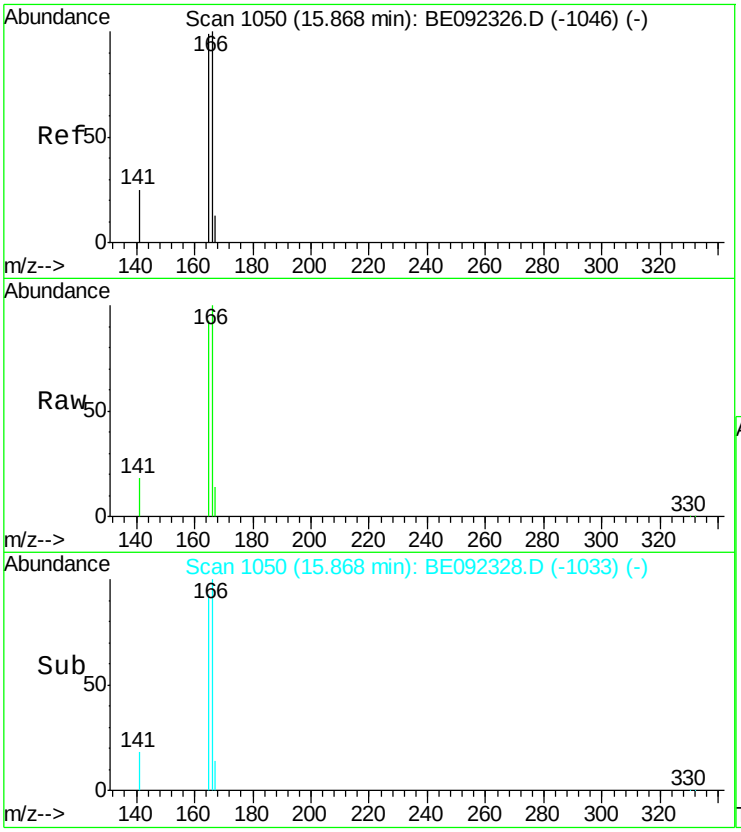


#16
Acenaphthene
Concen: 1.54 ng
RT: 14.88 min Scan# 984
Delta R.T. -0.00 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Tgt Ion:154 Resp: 11009

Ion	Ratio	Lower	Upper
154	100		
153	448.9	350.8	526.2
152	221.0	171.1	256.7



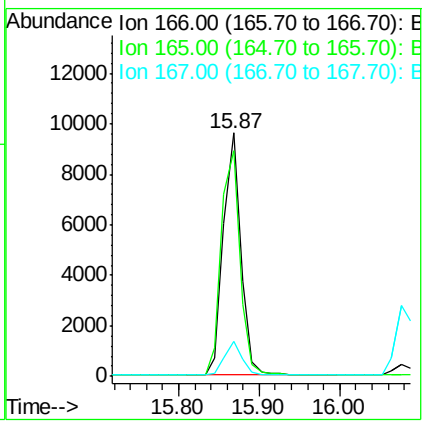


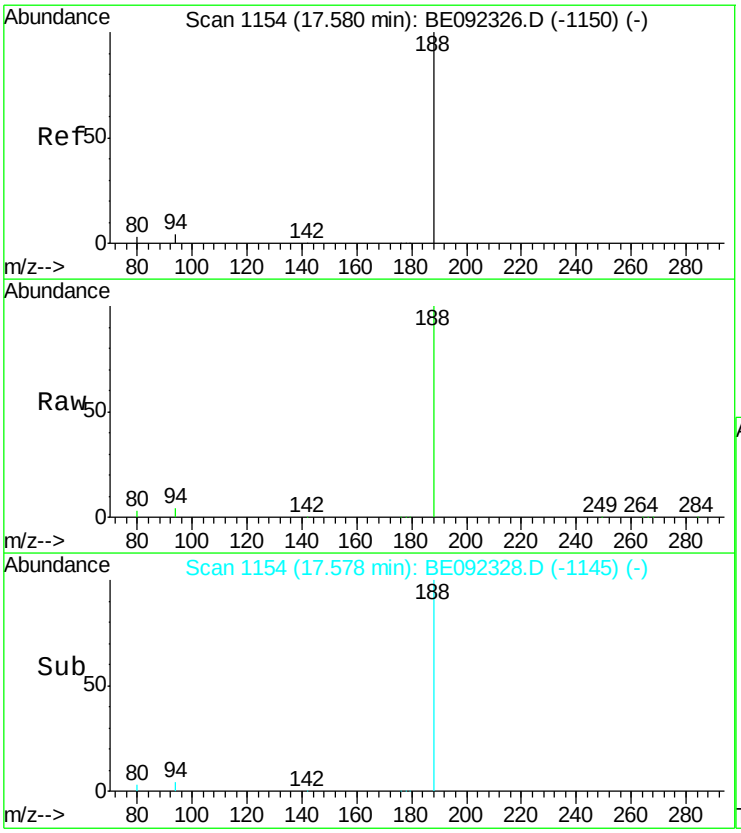
#17
Fluorene
Concen: 1.67 ng
RT: 15.87 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:166 Resp: 14593

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.2	117.4
167	13.5	11.0	16.4

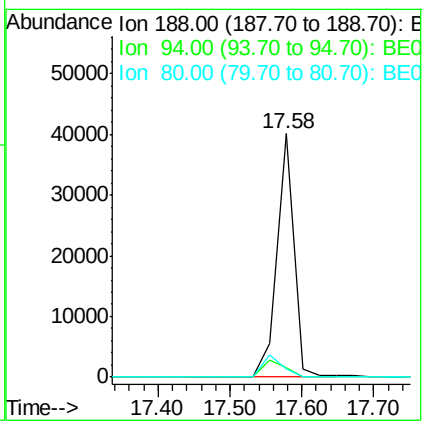


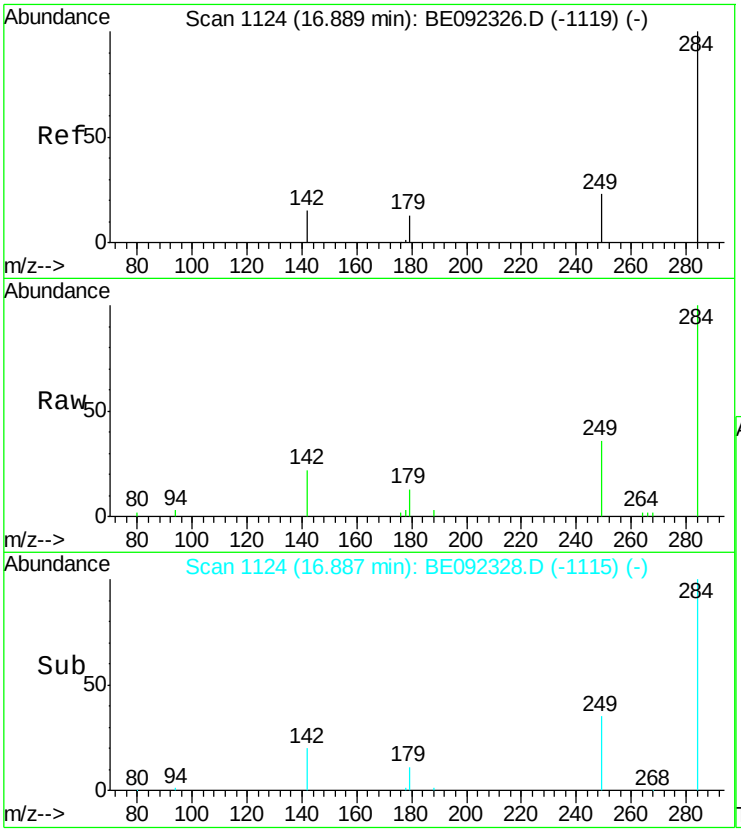


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Tgt Ion:188 Resp: 65606

Ion	Ratio	Lower	Upper
188	100		
94	3.8	3.2	4.8
80	3.1	2.6	3.8



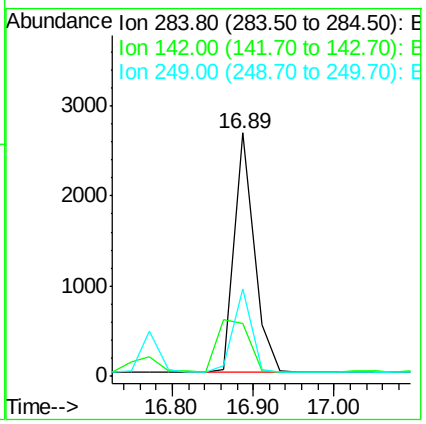


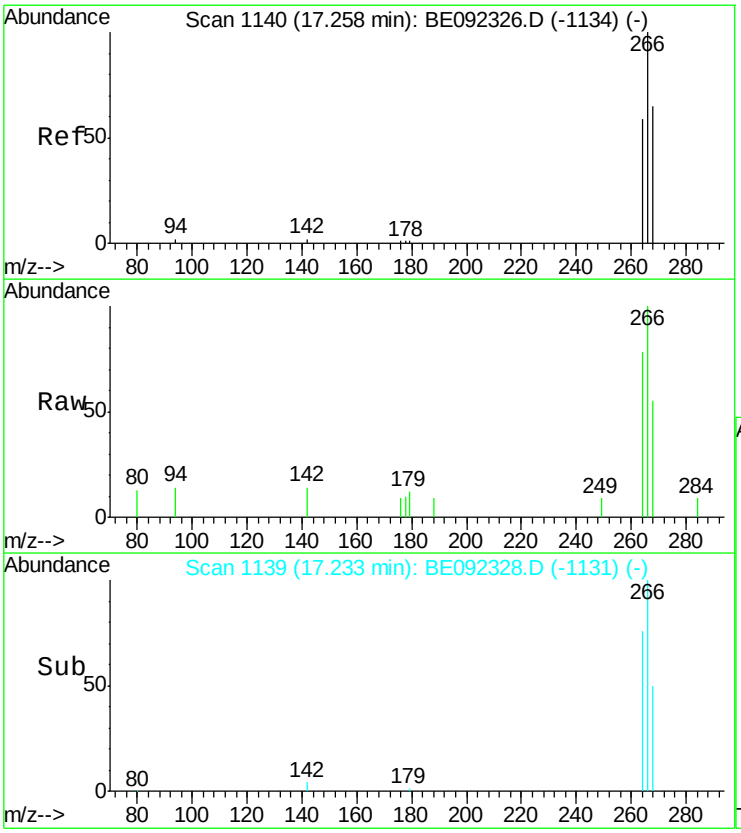
#19
Hexachlorobenzene
Concen: 1.64 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 4454

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	32.1	27.9	41.9

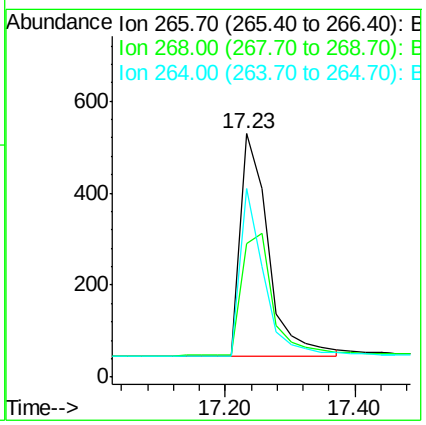


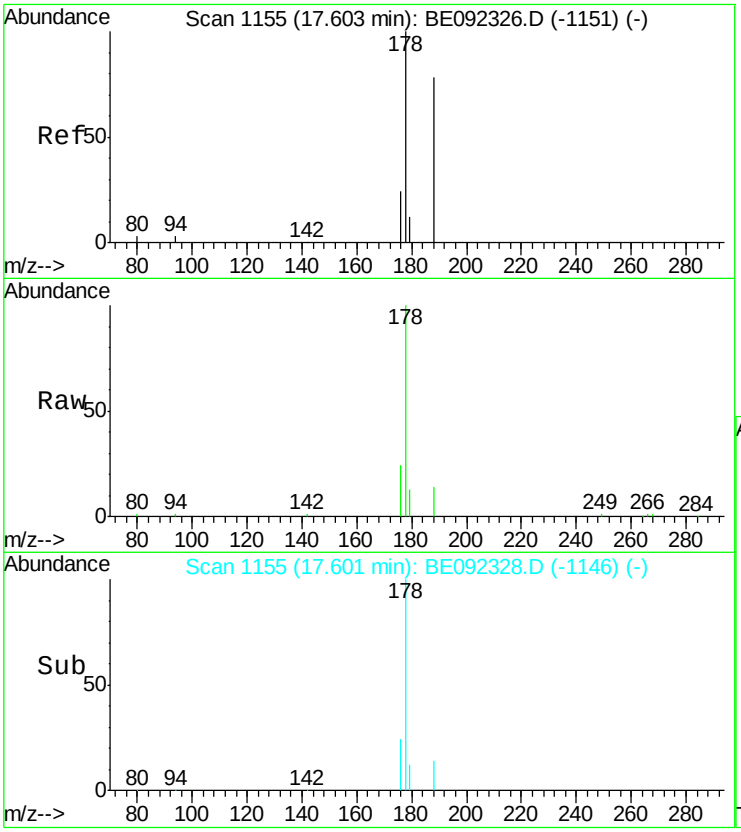


#20
Pentachlorophenol
Concen: 2.13 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.03 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Tgt Ion:266 Resp: 1454

Ion	Ratio	Lower	Upper
266	100		
268	54.8	62.5	93.7#
264	77.5	57.2	85.8



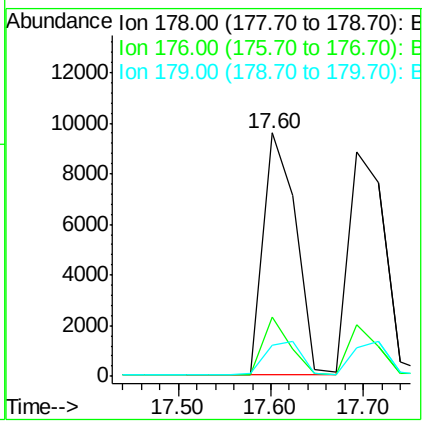


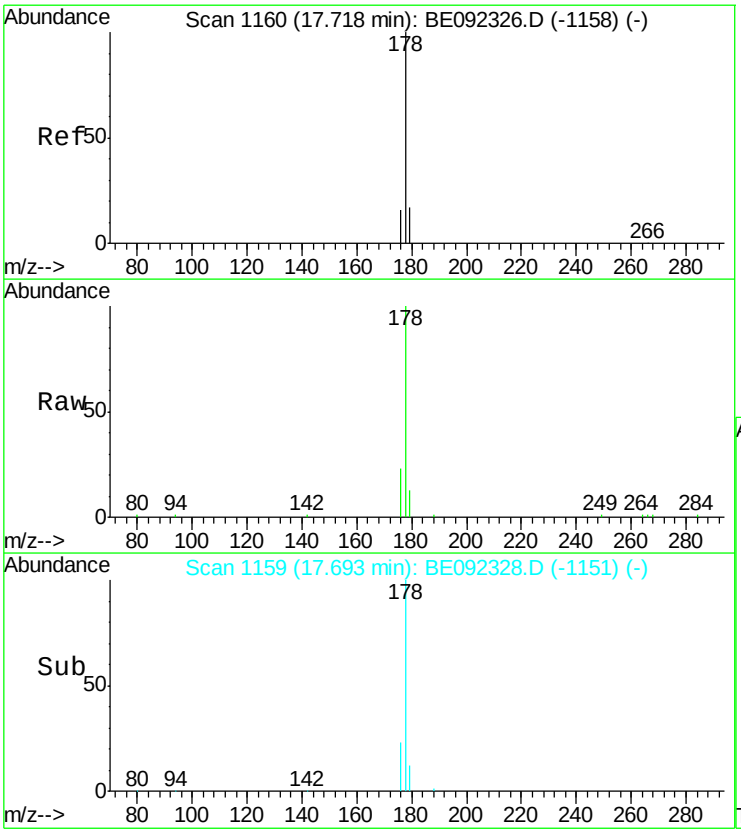
#21
Phenanthrene
Concen: 1.52 ng
RT: 17.60 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 23543

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	0.0	0.0	0.0

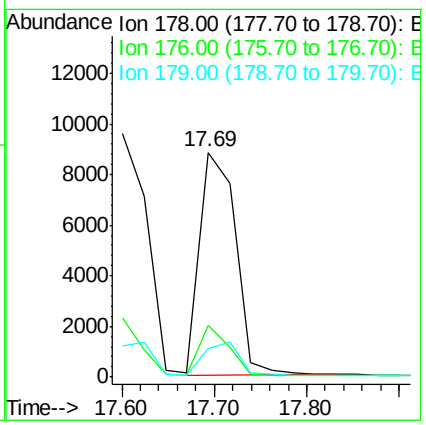


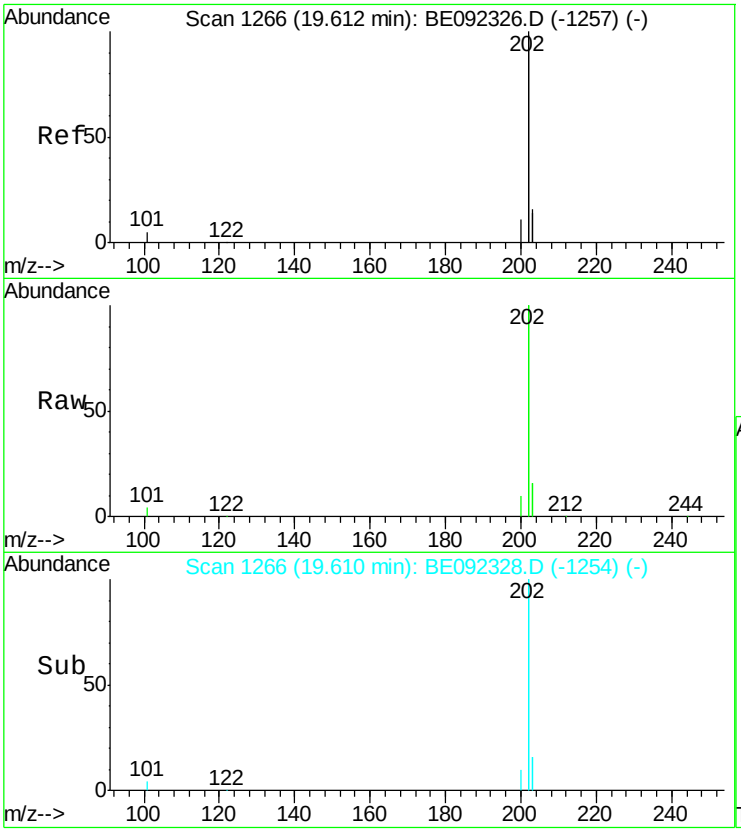


#22
Anthracene
Concen: 1.65 ng
RT: 17.69 min Scan# 1159
Delta R.T. -0.03 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Tgt Ion:178 Resp: 23578

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	0.0	12.2	18.2#



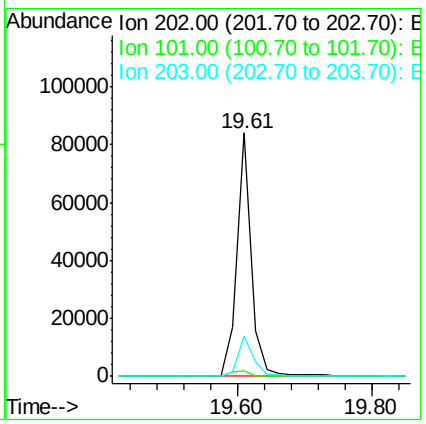


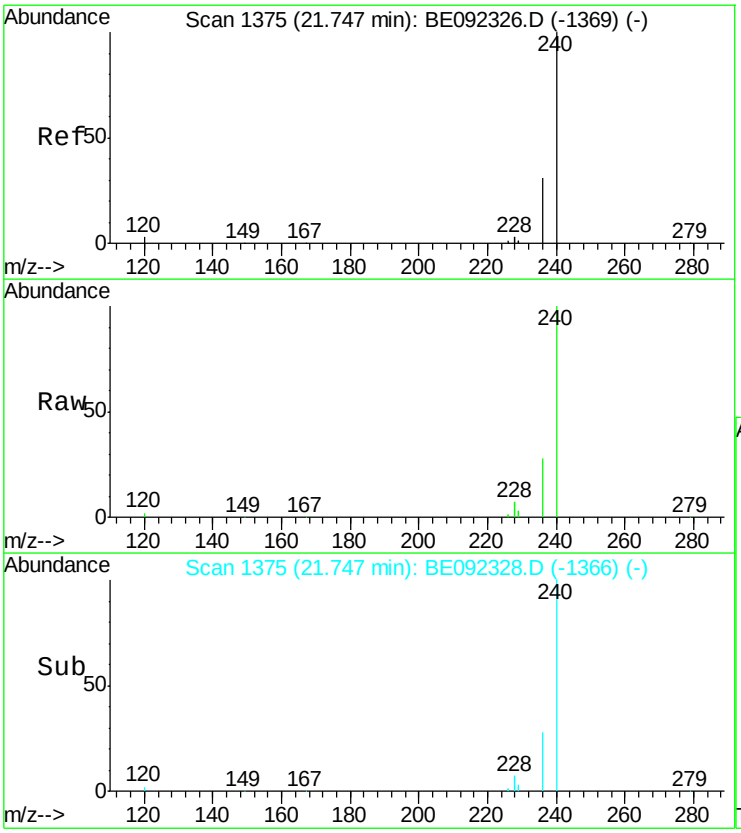
#23
Fluoranthene
Concen: 1.75 ng
RT: 19.61 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:202 Resp: 123495

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.1	13.7	20.5

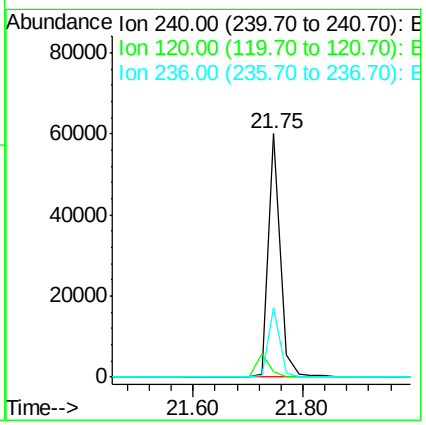


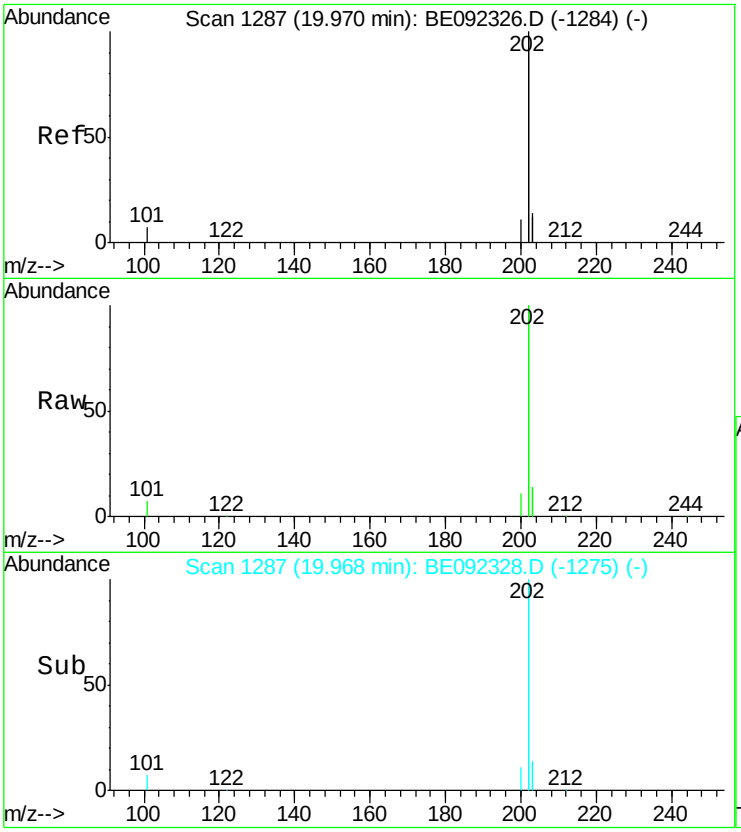


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Tgt Ion:240 Resp: 91855

Ion	Ratio	Lower	Upper
240	100		
120	2.2	2.6	4.0#
236	28.4	24.6	37.0



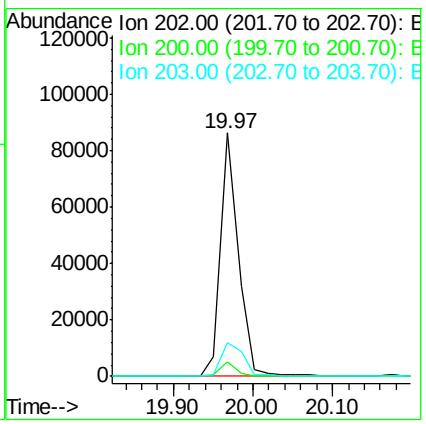


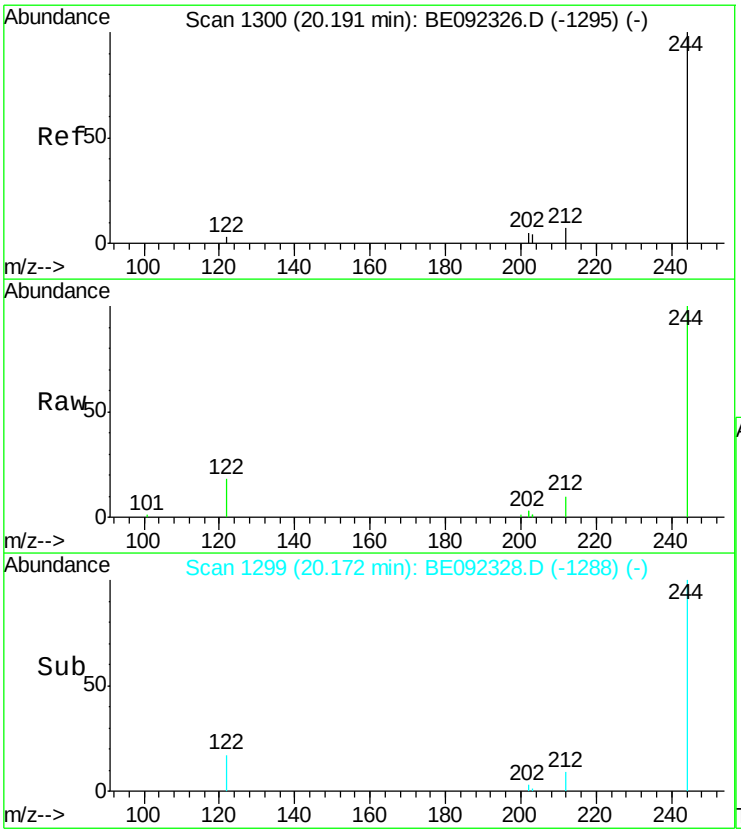
#25
Pyrene
Concen: 1.55 ng
RT: 19.97 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:202 Resp: 131774

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.1	13.9	20.9

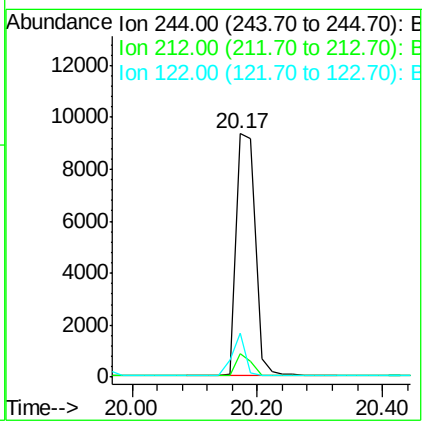


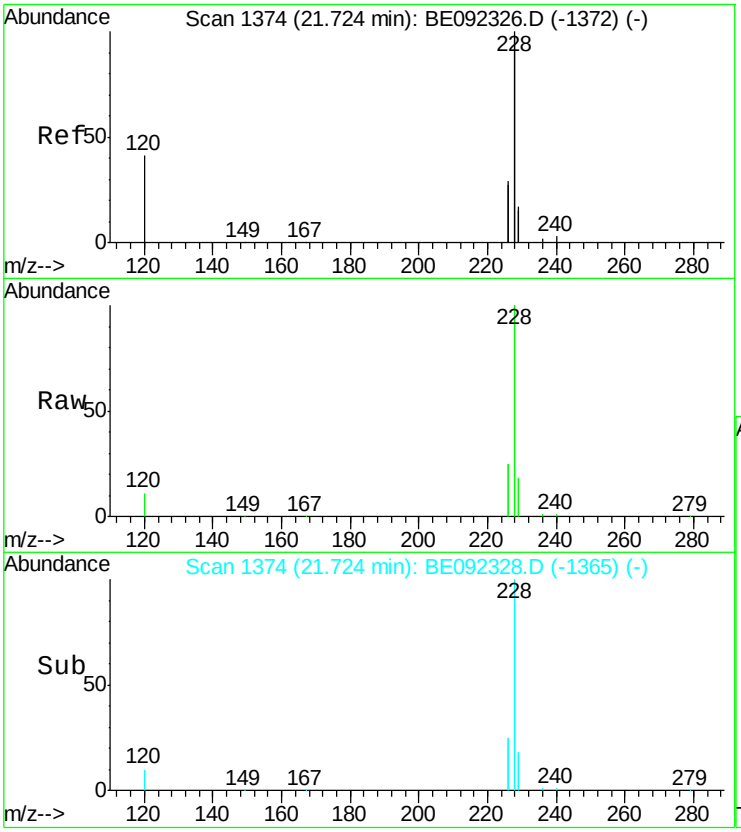


#26
Terphenyl-d14
Concen: 1.62 ng
RT: 20.17 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Tgt Ion:244 Resp: 20099

Ion	Ratio	Lower	Upper
244	100		
212	9.9	6.7	10.1
122	18.1	3.6	5.4#



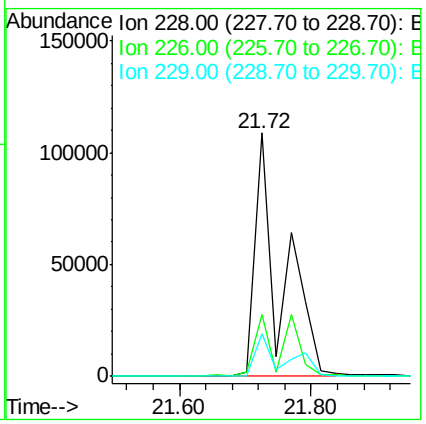


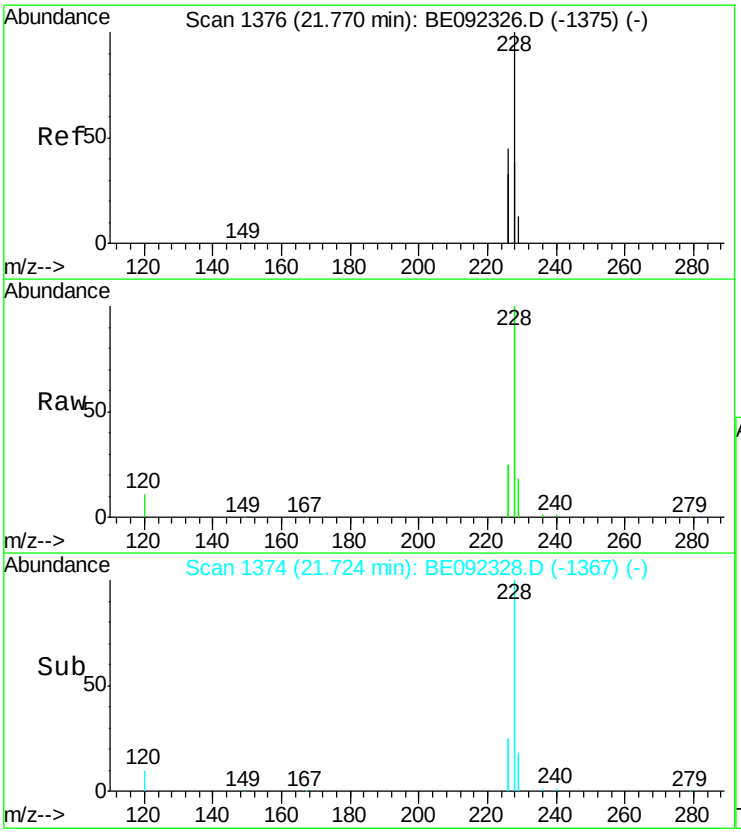
#27
Benzo(a)anthracene
Concen: 3.08 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 297740

Ion	Ratio	Lower	Upper
228	100		
226	25.3	23.6	35.4
229	17.5	13.3	19.9

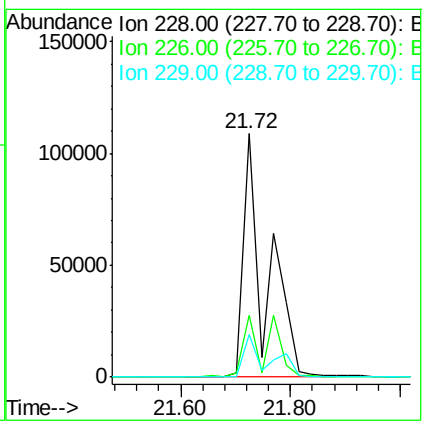


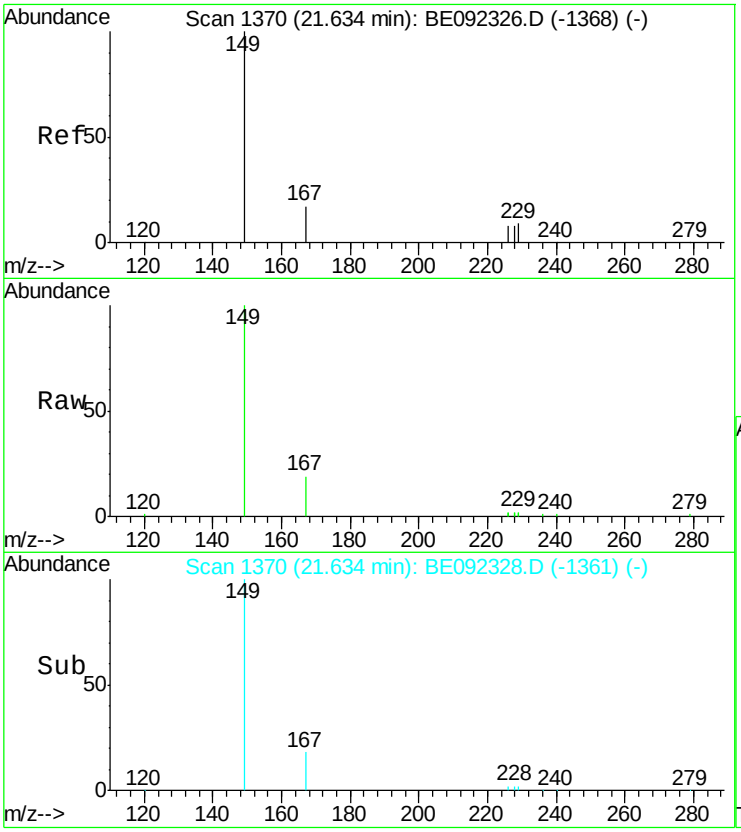


#28
Chrysene
Concen: 3.49 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.05 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Tgt Ion:228 Resp: 299248

Ion	Ratio	Lower	Upper
228	100		
226	25.3	36.3	54.5#
229	17.5	10.6	16.0#



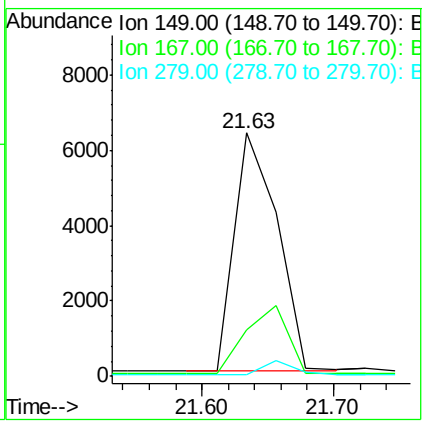


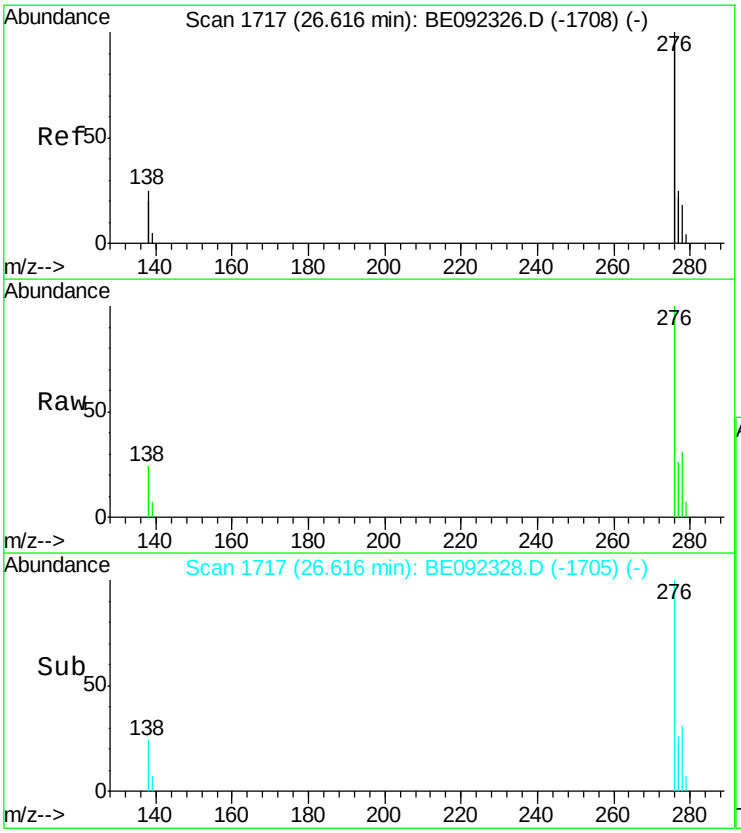
#29
Bis(2-ethylhexyl)phthalate
Concen: 2.20 ng
RT: 21.63 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:149 Resp: 14487

Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
279	0.0	0.0	0.0

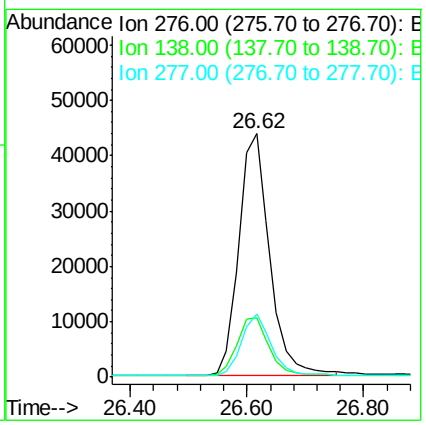


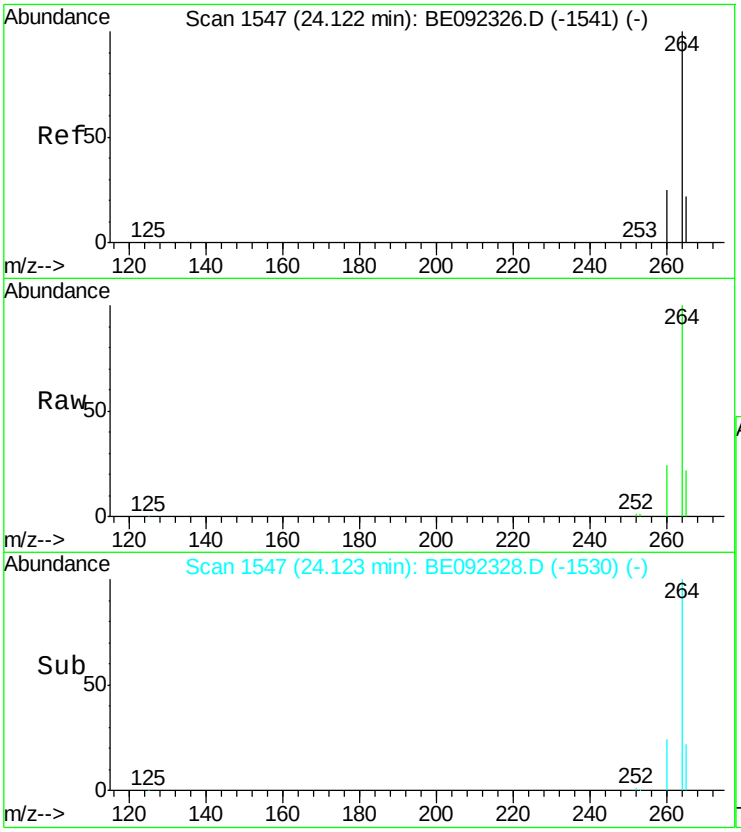


#30
Indeno(1,2,3-cd)pyrene
Concen: 1.80 ng
RT: 26.62 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Tgt Ion:276 Resp: 161242

Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.3	30.5
277	24.9	19.7	29.5



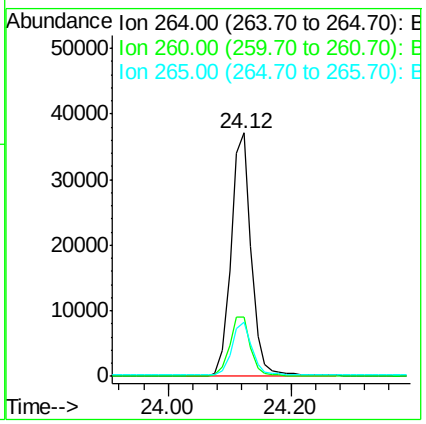


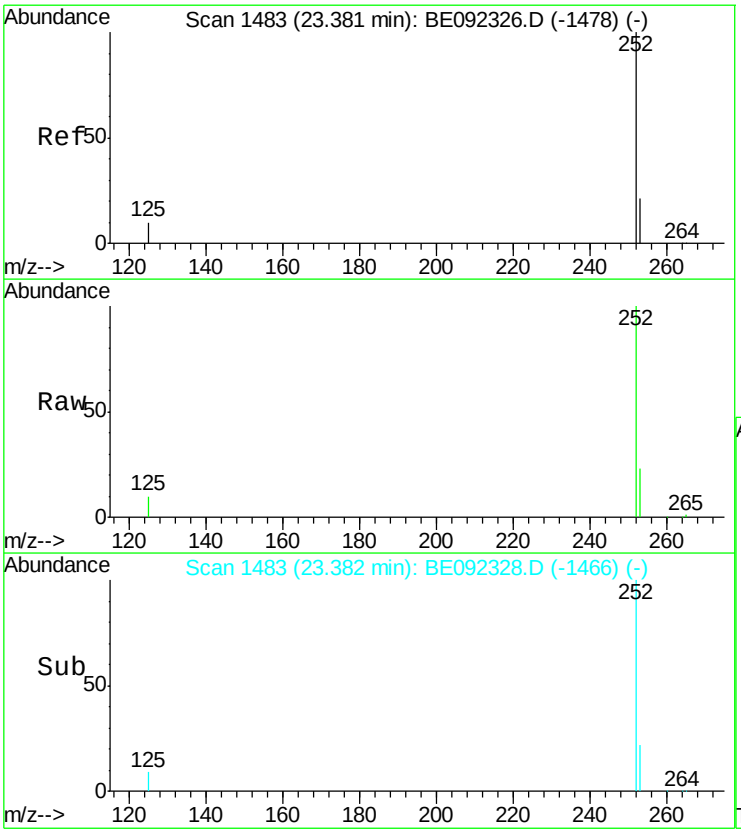
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:264 Resp: 84841

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.1	30.1
265	22.4	17.9	26.9

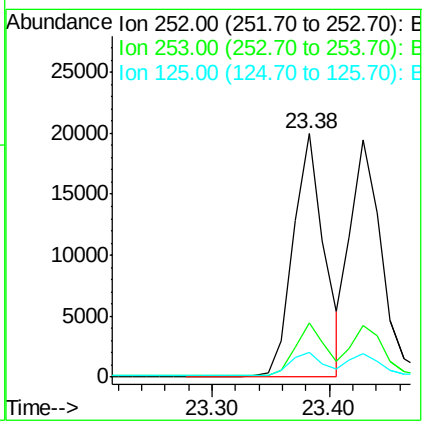


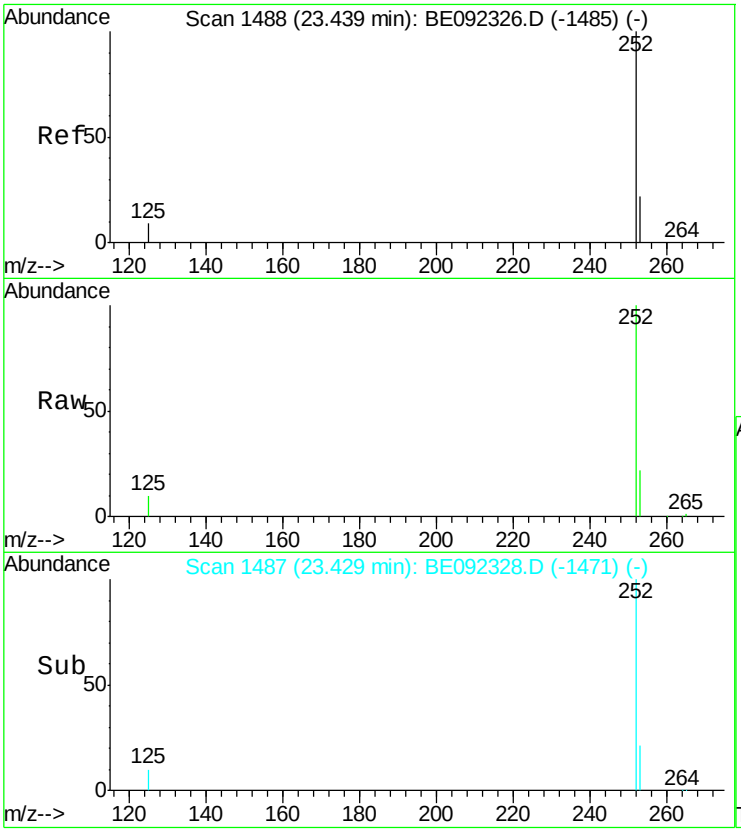


#32
Benzo(b)fluoranthene
Concen: 1.81 ng
RT: 23.38 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Tgt Ion:252 Resp: 36241

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.7	28.1
125	9.9	10.5	15.7#



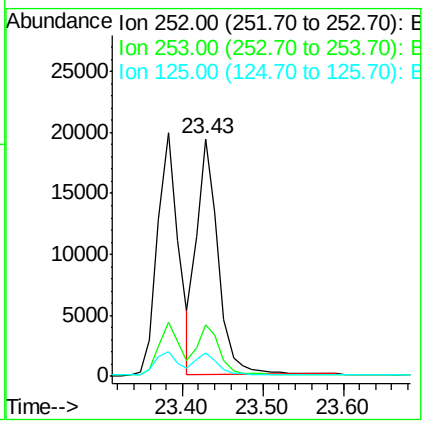


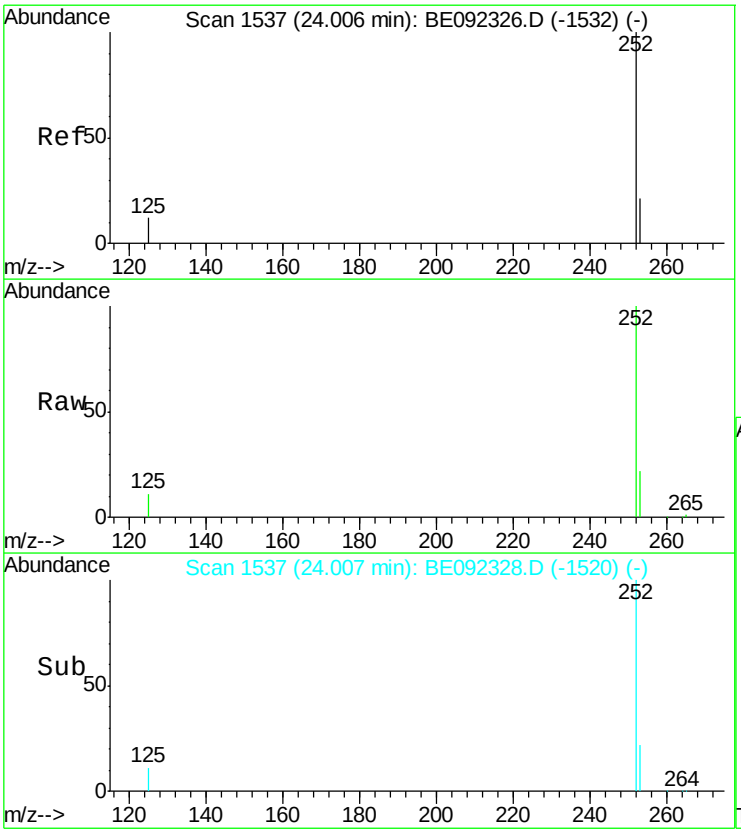
#33
Benzo(k)fluoranthene
Concen: 1.58 ng
RT: 23.43 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 36108

Ion	Ratio	Lower	Upper
252	100		
253	21.6	20.3	30.5
125	10.1	9.6	14.4

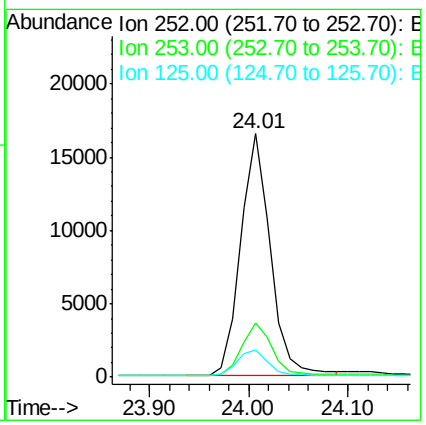


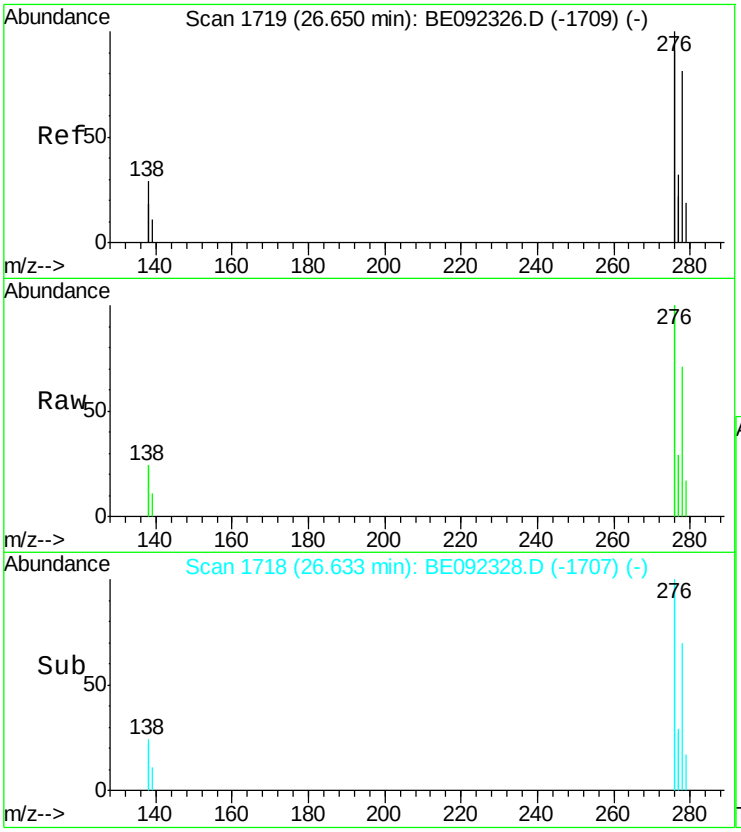


#34
Benzo(a)pyrene
Concen: 1.69 ng
RT: 24.01 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Tgt Ion:252 Resp: 34225

Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.0	28.6
125	11.2	11.8	17.8#



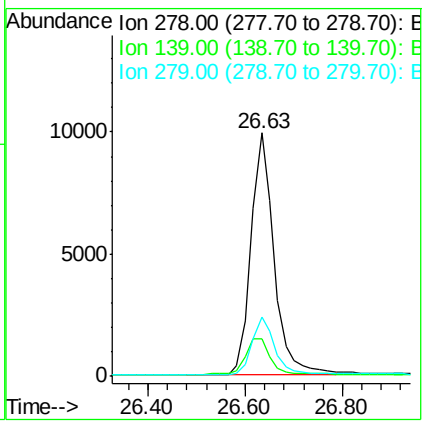


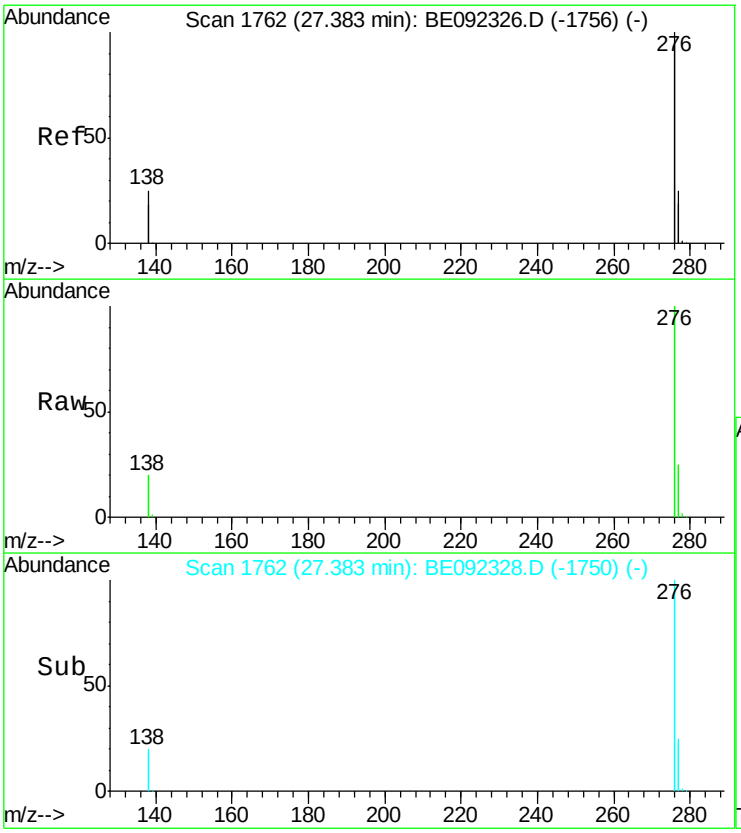
#35
Dibenzo(a,h)anthracene
Concen: 1.84 ng
RT: 26.63 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:278 Resp: 33204

Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.8	20.8
279	24.2	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 1.72 ng
RT: 27.38 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BE092328.D
Acq: 1 Sep 2016 14:33

Tgt Ion:276 Resp: 136629

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.8
138	20.0	19.8	29.6