Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111616\
Data File : BE092529.D
Acq On : 16 Nov 2016 11:02
Operator : UM/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Nov 16 13:34:00 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	8.16	152	9394	5.00	ng		0.00
7) Naphthalene-d8	10.93	136	46231	5.00	ng		0.00
12) Acenaphthene-d10	14.80	164	31865	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	71267	5.00	ng		0.00
24) Chrysene-d12	21.72	240	102603	5.00	ng		0.00
31) Perylene-d12	24.08	264	91872	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.68	112	239	0.12	ng		0.00
5) Phenol-d6	7.36	99	321	0.12	ng		0.00
8) Nitrobenzene-d5	9.36	82	387	0.13	ng		0.00
13) 2,4,6-Tribromophenol	16.31	330	112	0.12	ng		0.00
14) 2-Fluorobiphenyl	13.43	172	1381	0.18	ng		0.00
26) Terphenyl-d14	20.17	244	1929	0.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	273	0.19	ng		92
3) n-Nitrosodimethylamine	3.80	42	151	0.09	ng	#	84
6) bis(2-Chloroethyl)ether	7.59	93	350	0.12	ng	#	82
9) Naphthalene	10.99	128	1728	0.17	ng	#	91
10) Hexachlorobutadiene	11.28	225	266	0.18	ng		99
11) 2-Methylnaphthalene	12.65	142	1009	0.16	ng		96
15) Acenaphthylene	14.51	152	7551	0.17	ng		100
16) Acenaphthene	14.87	154	1384	0.19	ng		93
17) Fluorene	15.86	166	1545	0.17	ng		98
19) Hexachlorobenzene	16.87	284	629	0.23	ng	#	80
20) Pentachlorophenol	17.26	266	82	0.11	ng	#	81
21) Phenanthrene	17.60	178	2862	0.19	ng	#	75
22) Anthracene	17.70	178	2621	0.18	ng		99
23) Fluoranthene	19.59	202	12880	0.17	ng		99
25) Pyrene	19.97	202	13390	0.16	ng		99
27) Benzo(a)anthracene	21.70	228	32799	0.32	ng		98
28) Chrysene	21.70	228	32986	0.30	ng	#	80
29) Bis(2-ethylhexyl)phthalate	21.61	149	1011	0.09	ng	#	56
30) Indeno(1,2,3-cd)pyrene	26.58	276	16408	0.14	ng		98
32) Benzo(b)fluoranthene	23.36	252	3804	0.11	ng		95
33) Benzo(k)fluoranthene	23.40	252	4103	0.11	ng		98
34) Benzo(a)pyrene	23.97	252	3314	0.14	ng		94
35) Dibenzo(a,h)anthracene	26.60	278	3347	0.15	ng	#	94
36) Benzo(g,h,i)perylene	27.35	276	14775	0.16	ng		94

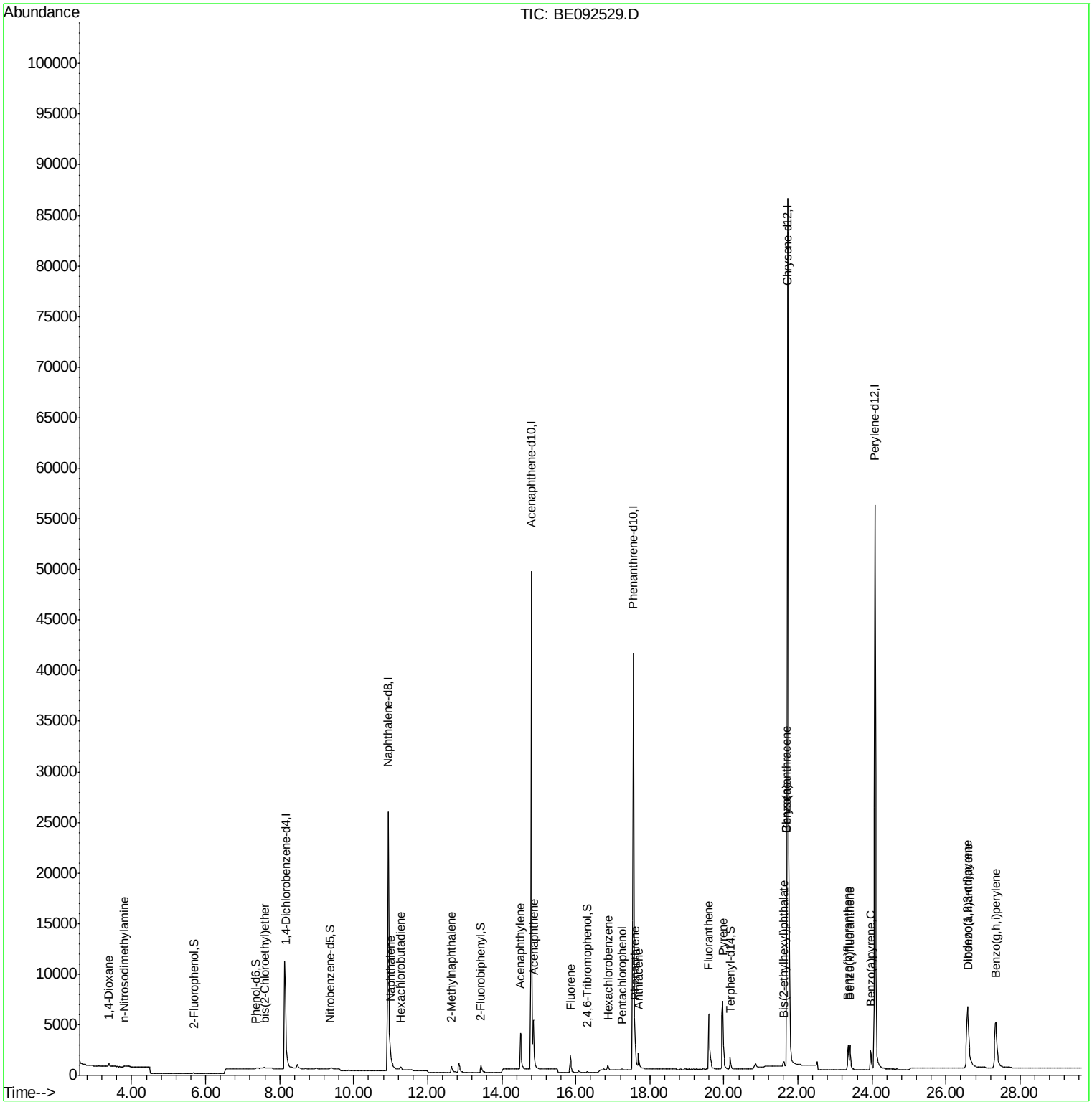
(#) = qualifier out of range (m) = manual integration (+) = signals summed

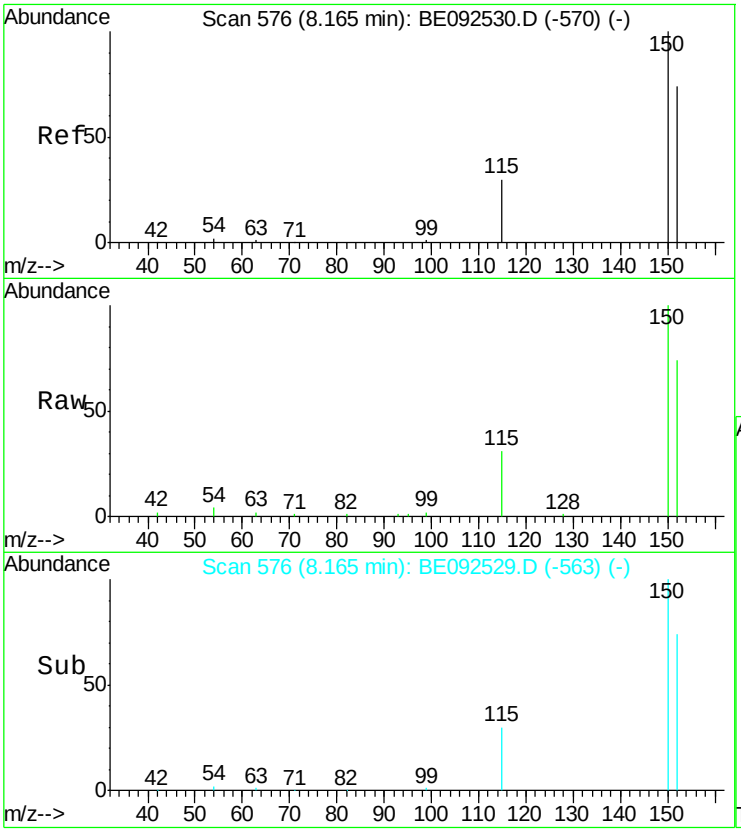
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111616\
Data File : BE092529.D
Acq On : 16 Nov 2016 11:02
Operator : UM/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Nov 16 13:34:00 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



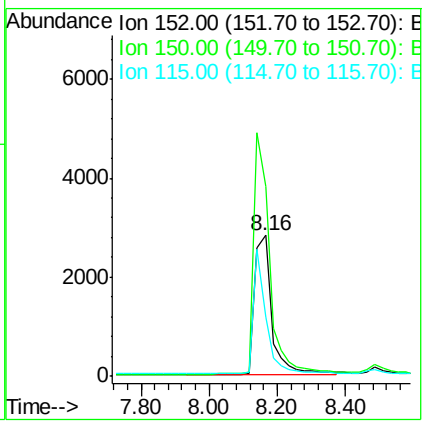


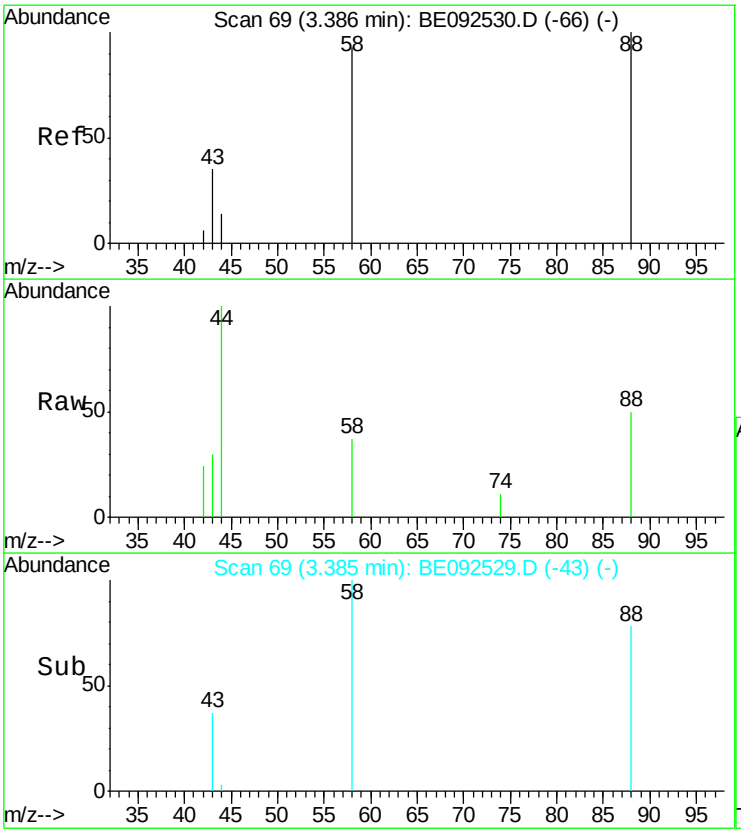
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 9394

Ion	Ratio	Lower	Upper
152	100		
150	134.9	106.0	159.0
115	41.7	31.2	46.8

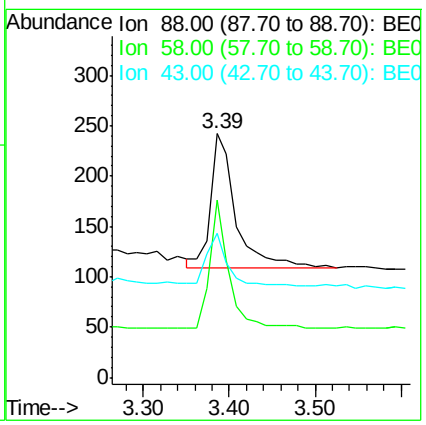


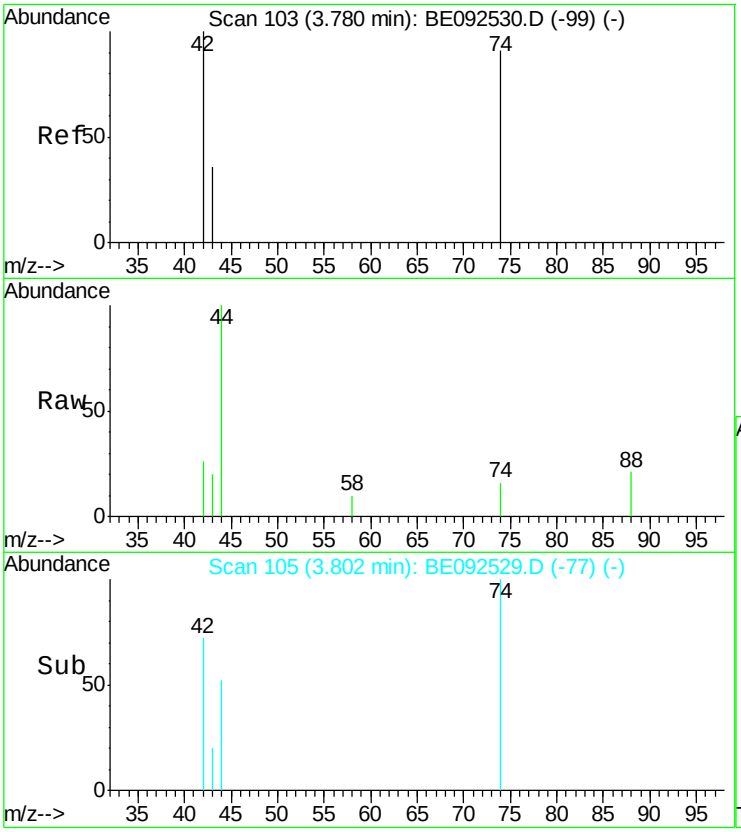


#2
1,4-Dioxane
Concen: 0.19 ng
RT: 3.39 min Scan# 69
Delta R.T. -0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Tgt Ion: 88 Resp: 273

Ion	Ratio	Lower	Upper
88	100		
58	71.4	63.6	95.4
43	31.9	28.0	42.0



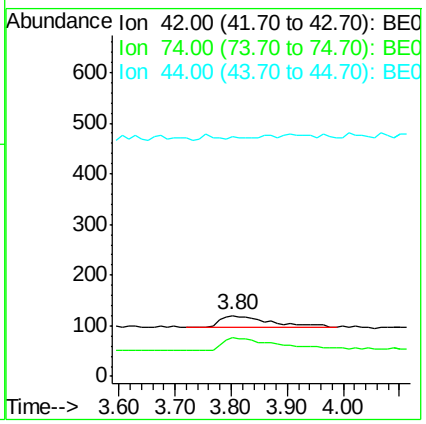


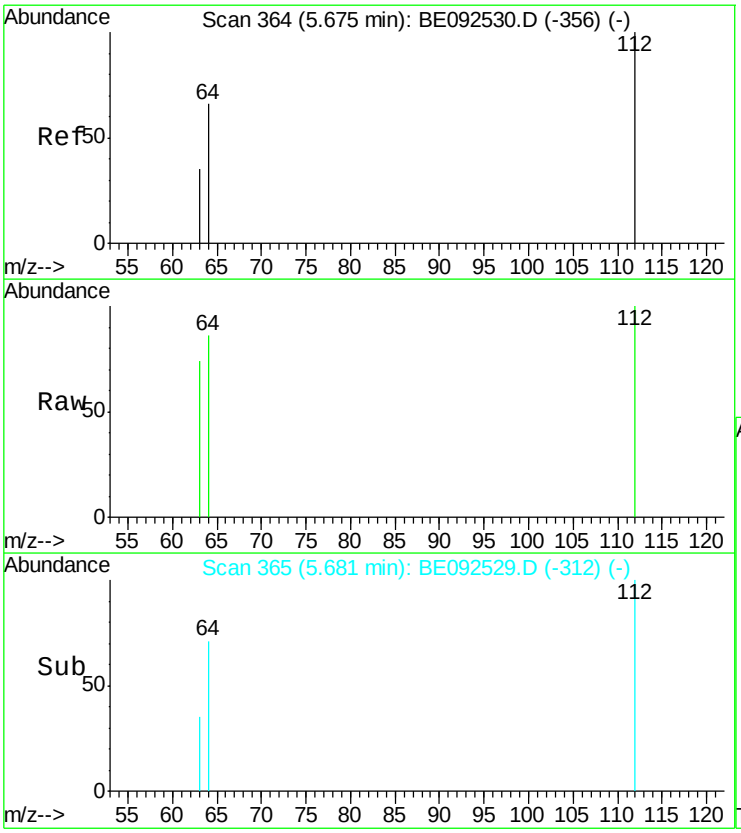
#3
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.80 min Scan# 105
Delta R.T. 0.02 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 151

Ion	Ratio	Lower	Upper
42	100		
74	123.8	86.0	129.0
44	0.0	5.1	7.7#

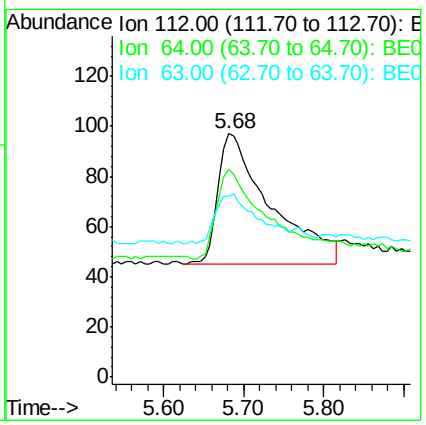


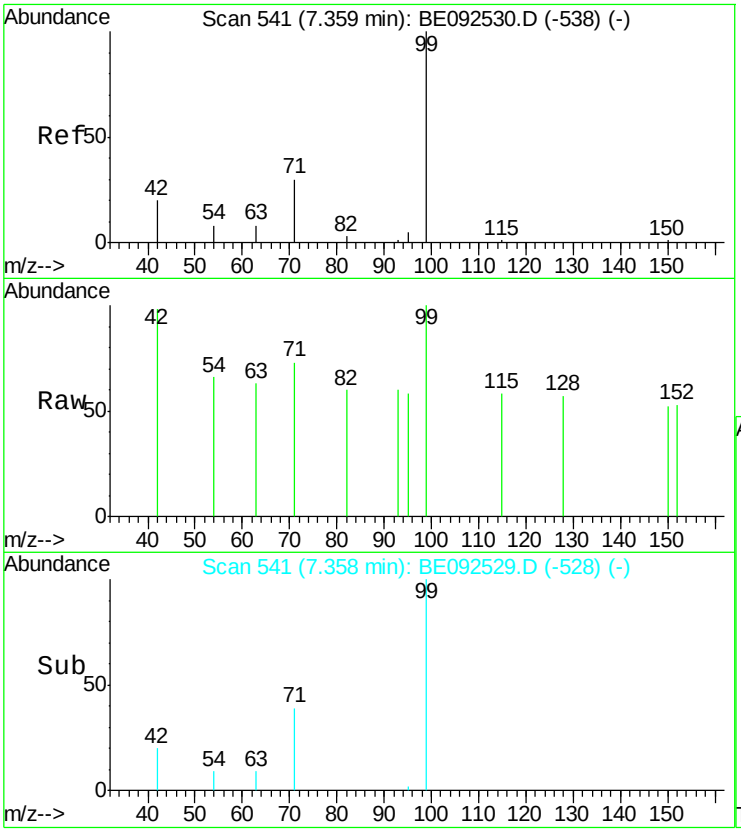


#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.68 min Scan# 365
Delta R.T. 0.01 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Tgt Ion:112 Resp: 239

Ion	Ratio	Lower	Upper
112	100		
64	71.5	53.5	80.3
63	31.8	27.9	41.9



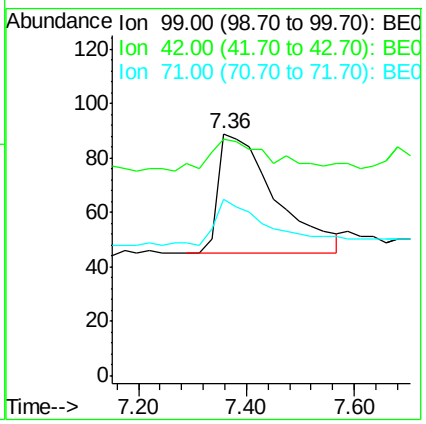


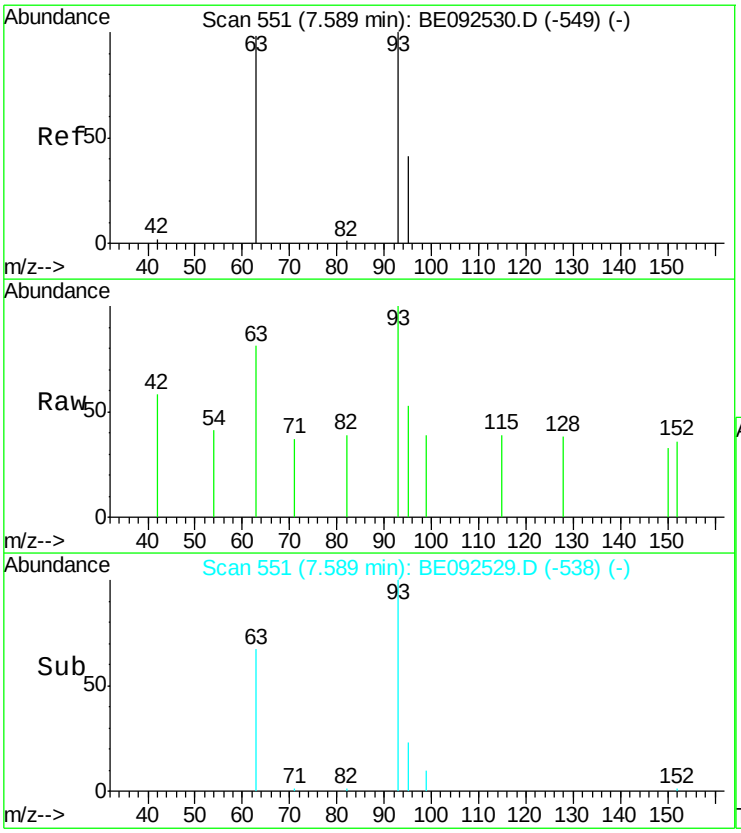
#5
Phenol-d6
Concen: 0.12 ng
RT: 7.36 min Scan# 541
Delta R.T. -0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 321

Ion	Ratio	Lower	Upper
99	100		
42	29.6	16.0	24.0#
71	34.9	30.6	45.8

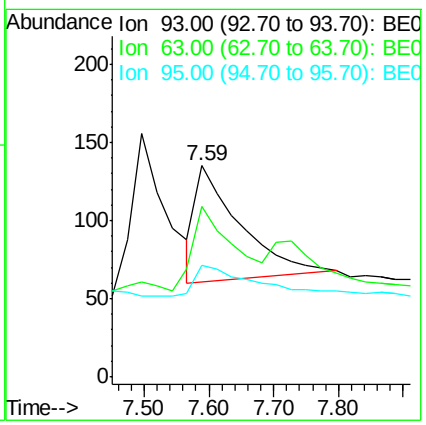


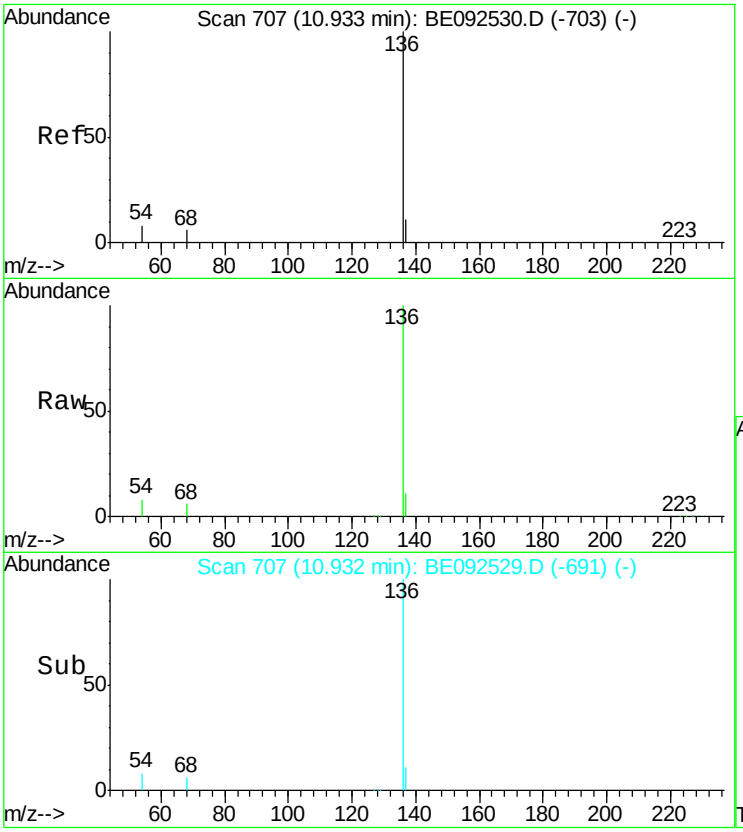


#6
bis(2-Chloroethyl)ether
Concen: 0.12 ng
RT: 7.59 min Scan# 551
Delta R.T. -0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Tgt Ion: 93 Resp: 350

Ion	Ratio	Lower	Upper
93	100		
63	69.4	71.6	107.4#
95	33.4	24.0	36.0



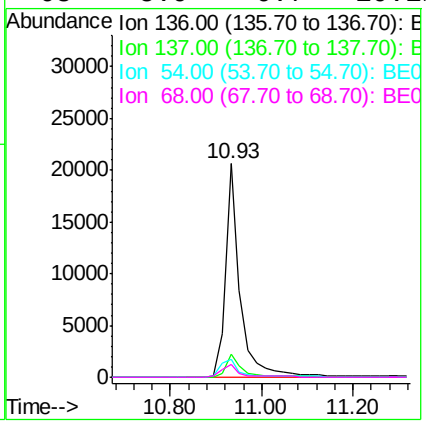


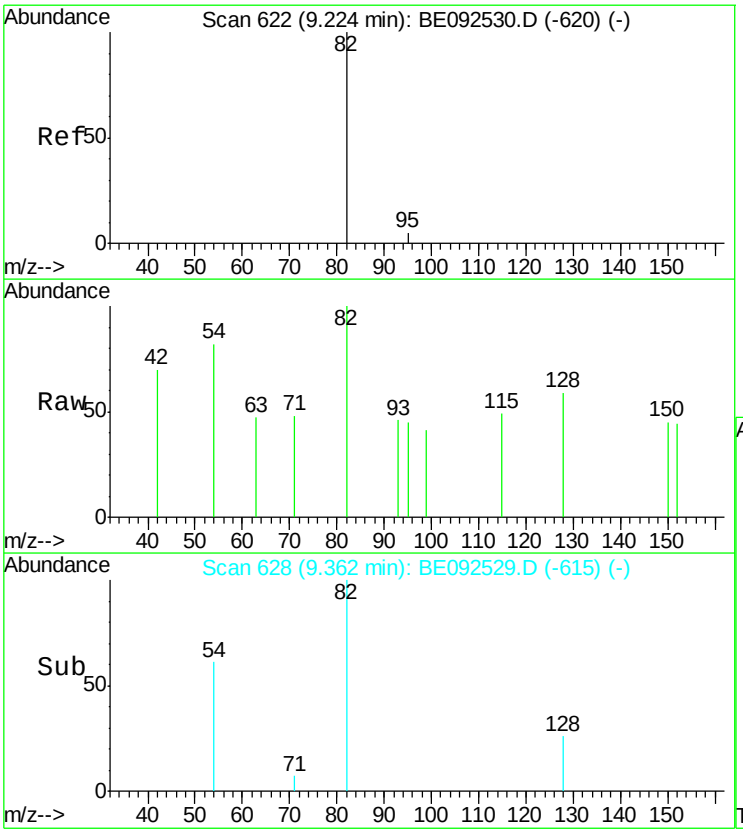
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.93 min Scan# 707
Delta R.T. -0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 46231

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	8.1	9.6	14.4#
68	5.9	6.7	10.1#

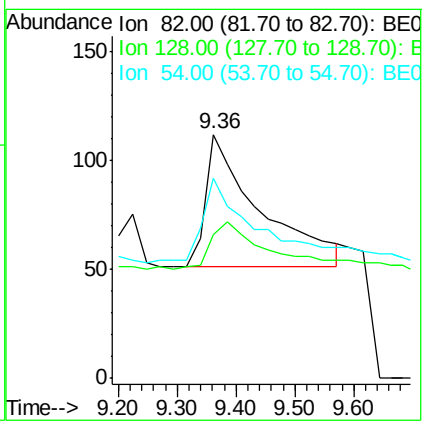


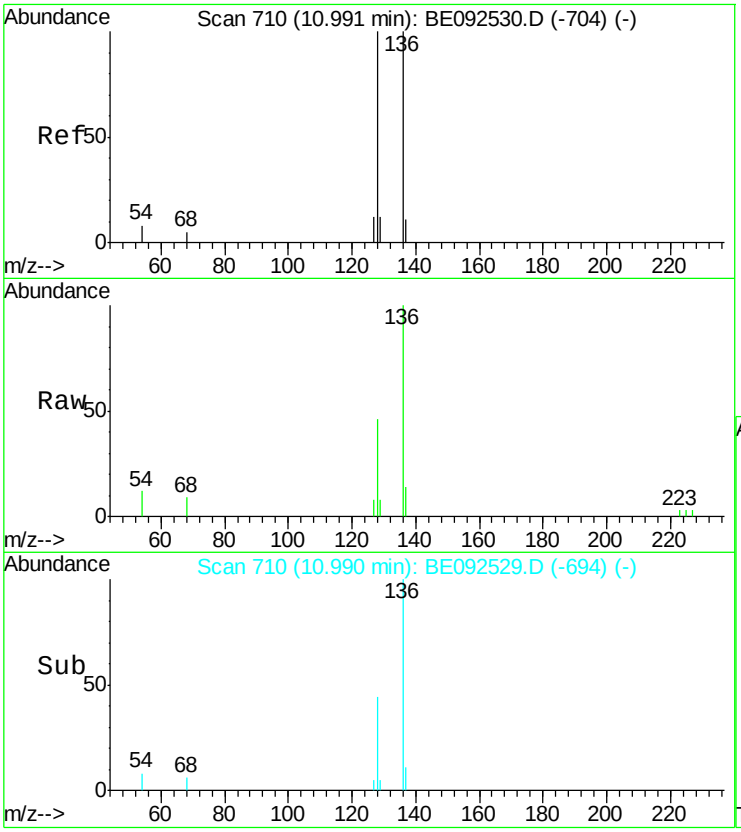


#8
Nitrobenzene-d5
Concen: 0.13 ng
RT: 9.36 min Scan# 628
Delta R.T. -0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Tgt Ion: 82 Resp: 387

Ion	Ratio	Lower	Upper
82	100		
128	58.9	39.0	58.4#
54	82.1	44.8	67.2#



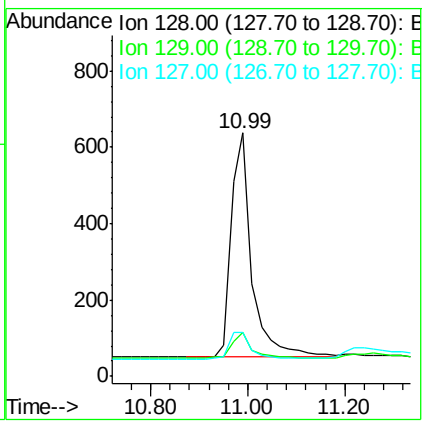


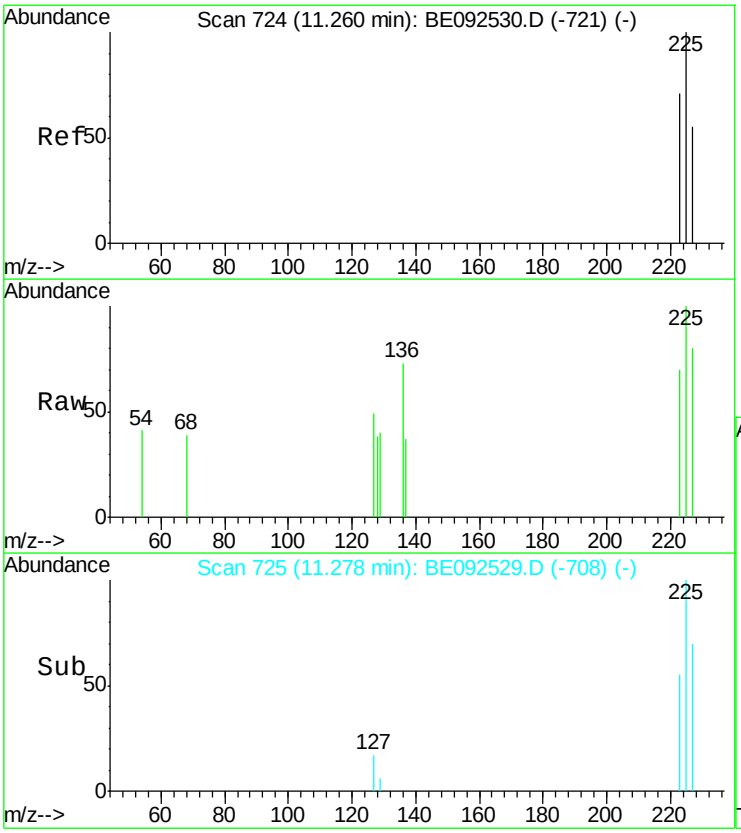
#9
Naphthalene
Concen: 0.17 ng
RT: 10.99 min Scan# 710
Delta R.T. -0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 1728

Ion	Ratio	Lower	Upper
128	100		
129	18.0	11.2	16.8#
127	17.9	11.6	17.4#

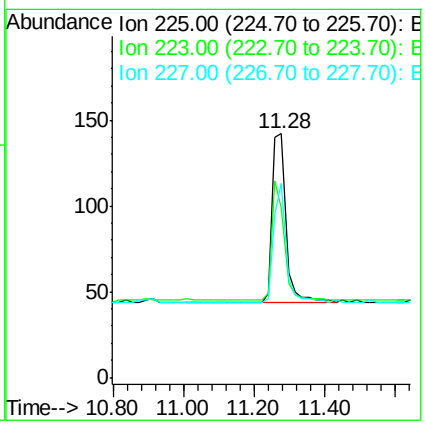


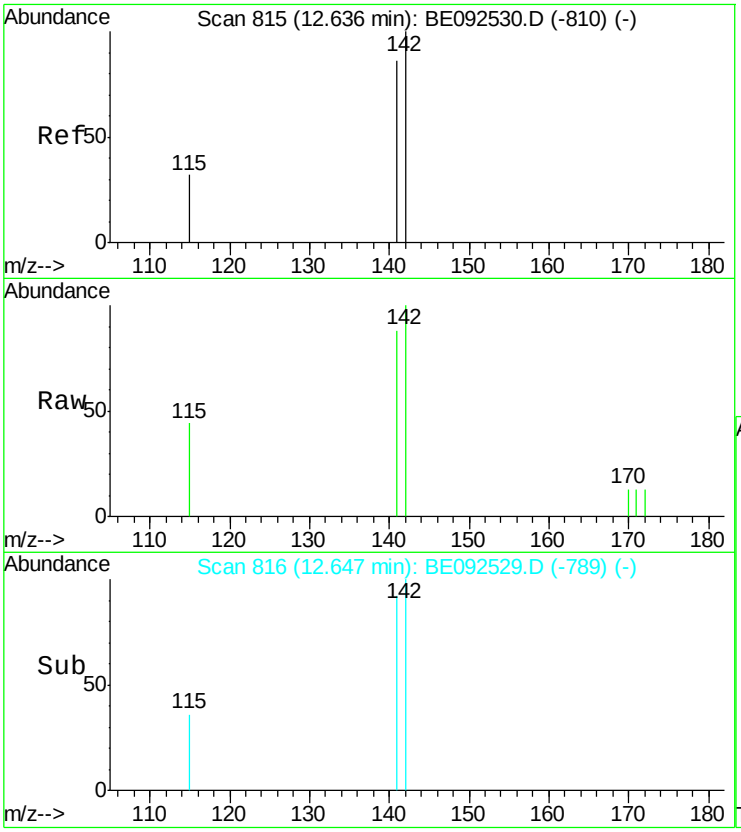


#10
Hexachlorobutadiene
Concen: 0.18 ng
RT: 11.28 min Scan# 725
Delta R.T. 0.02 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Tgt Ion:225 Resp: 266

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



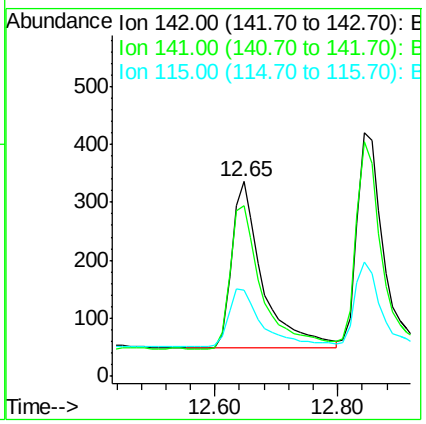


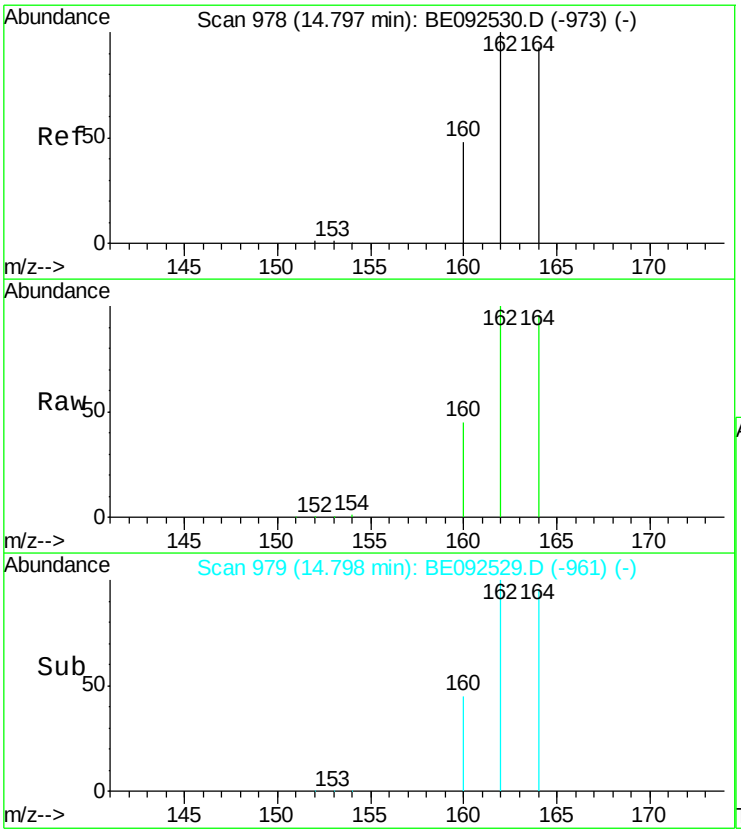
#11
2-Methylnaphthalene
Concen: 0.16 ng
RT: 12.65 min Scan# 816
Delta R.T. 0.01 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:142 Resp: 1009

Ion	Ratio	Lower	Upper
142	100		
141	87.5	73.7	110.5
115	44.3	34.0	51.0

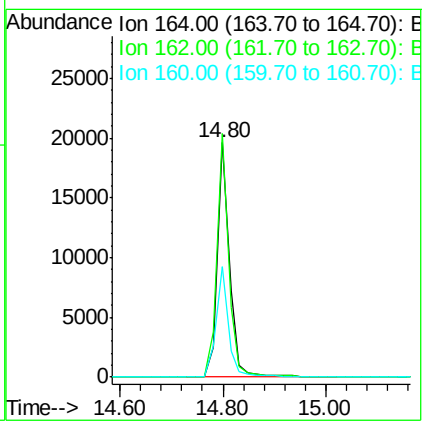


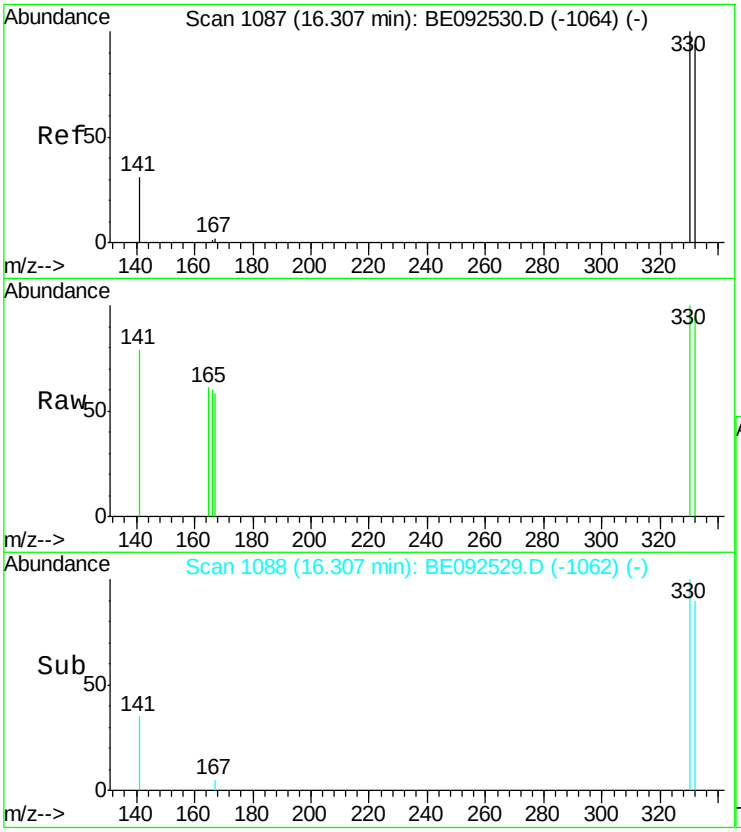


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 979
Delta R.T. 0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Tgt Ion:164 Resp: 31865

Ion	Ratio	Lower	Upper
164	100		
162	104.0	71.4	107.0
160	47.2	27.4	41.2#



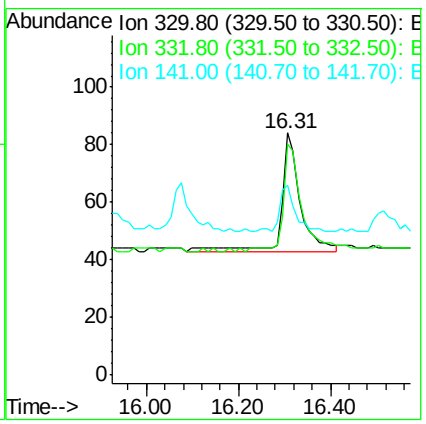


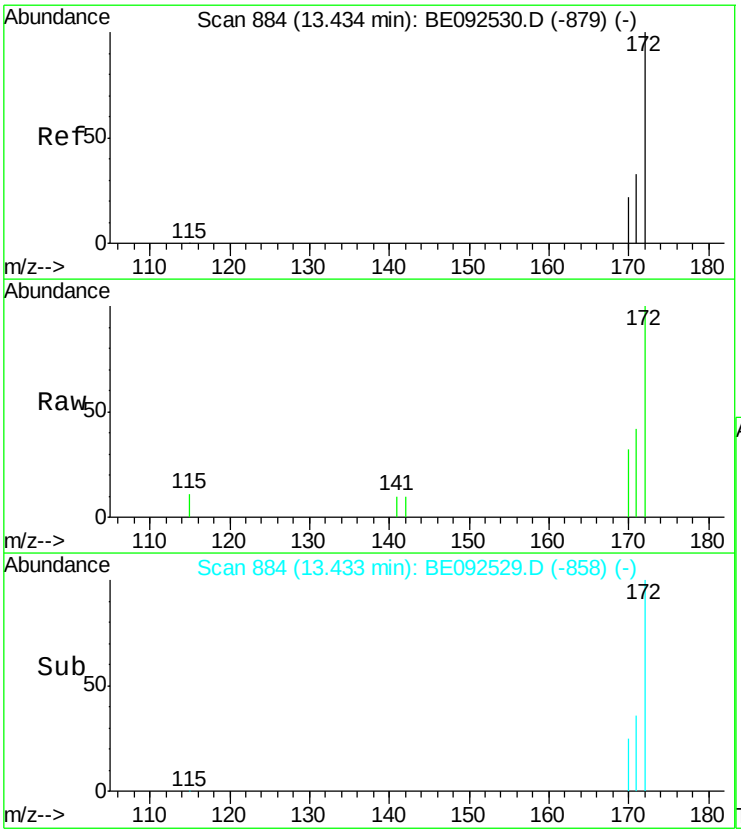
#13
2,4,6-Tribromophenol
Concen: 0.12 ng
RT: 16.31 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:330 Resp: 112

Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.4	113.0
141	33.0	31.0	46.6

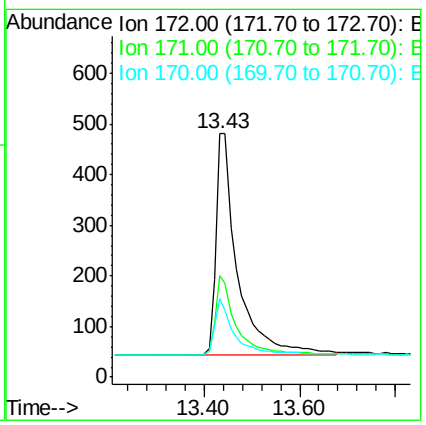


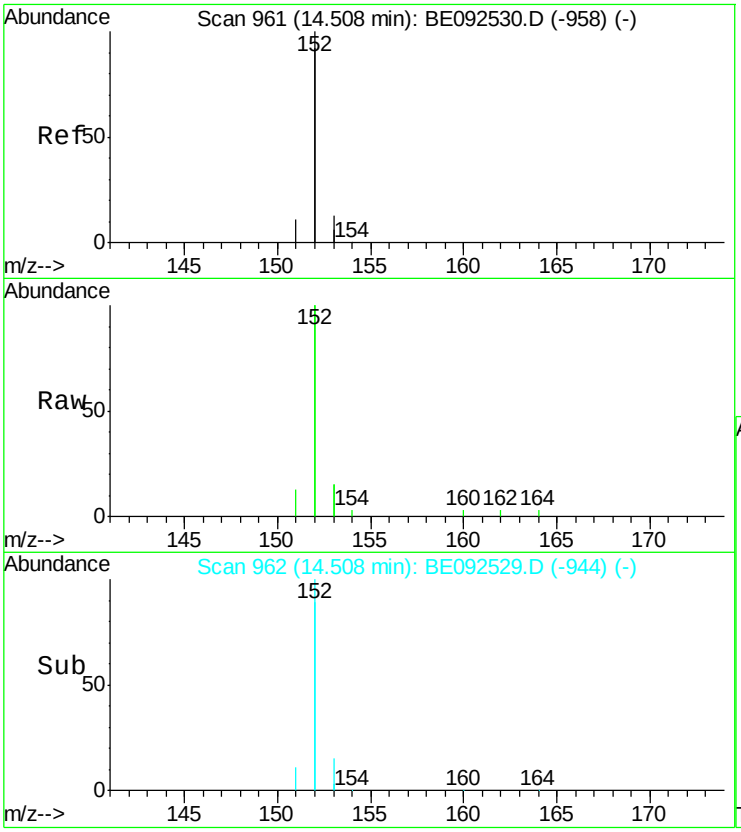


#14
2-Fluorobiphenyl
Concen: 0.18 ng
RT: 13.43 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Tgt Ion:172 Resp: 1381

Ion	Ratio	Lower	Upper
172	100		
171	41.8	30.1	45.1
170	32.4	21.8	32.6



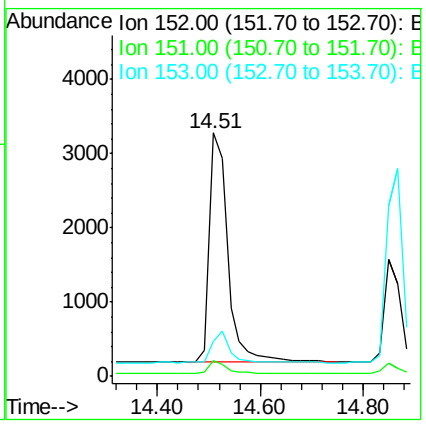


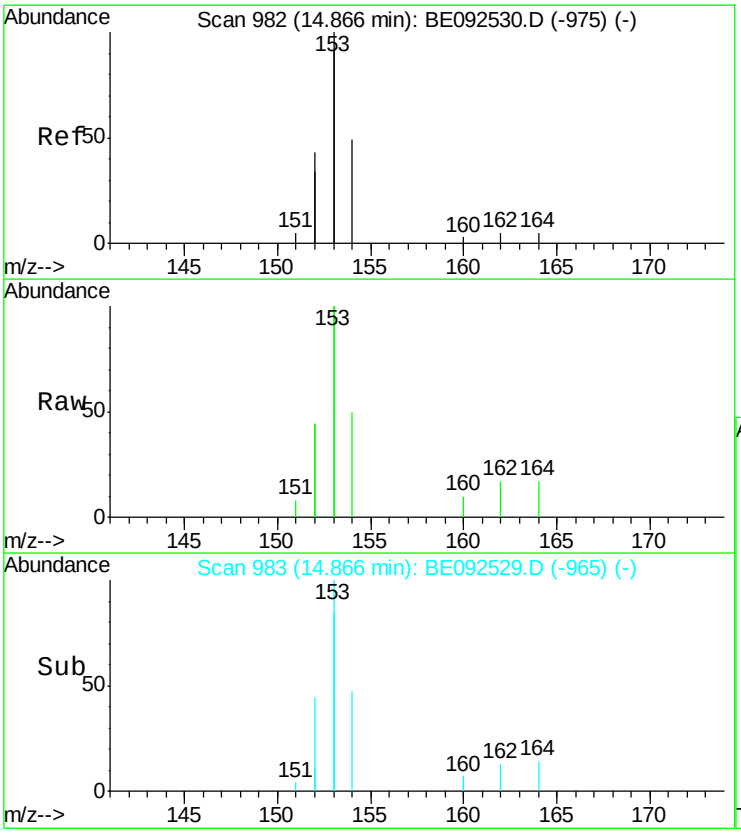
#15
Acenaphthylene
Concen: 0.17 ng
RT: 14.51 min Scan# 962
Delta R.T. 0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 7551

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

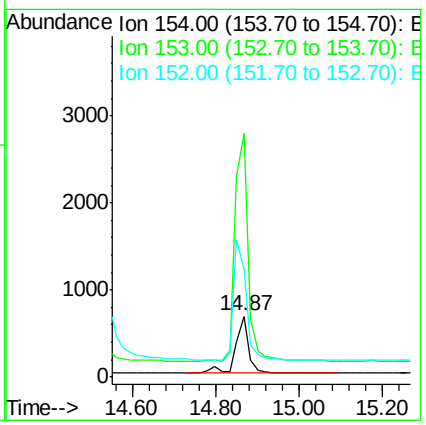


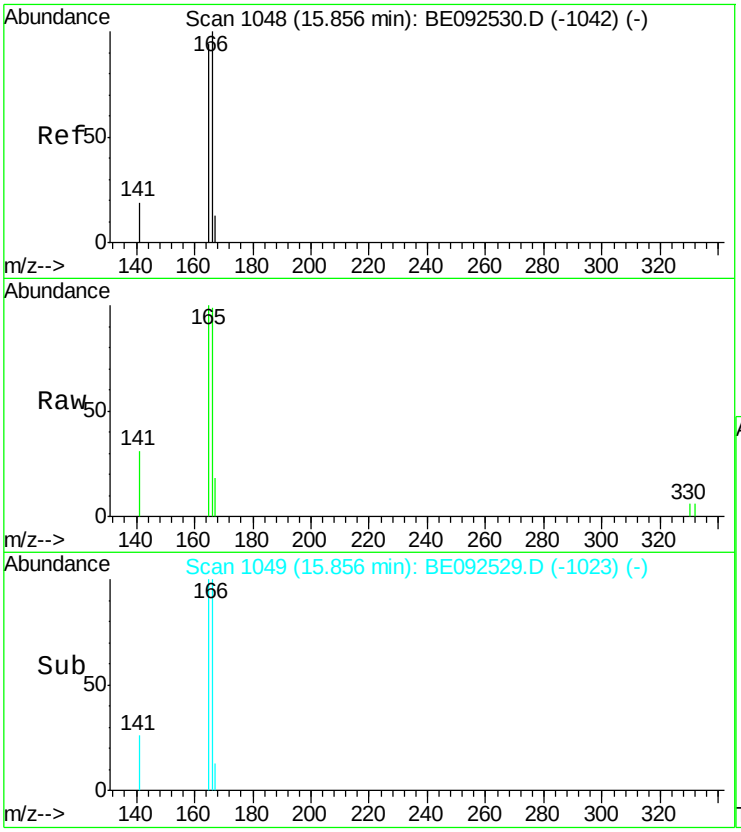


#16
Acenaphthene
Concen: 0.19 ng
RT: 14.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Tgt Ion:154 Resp: 1384

Ion	Ratio	Lower	Upper
154	100		
153	413.4	350.8	526.2
152	212.4	171.1	256.7



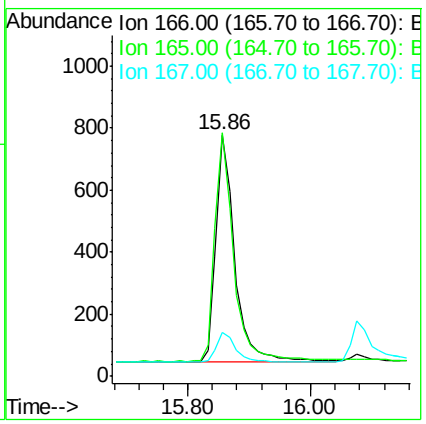


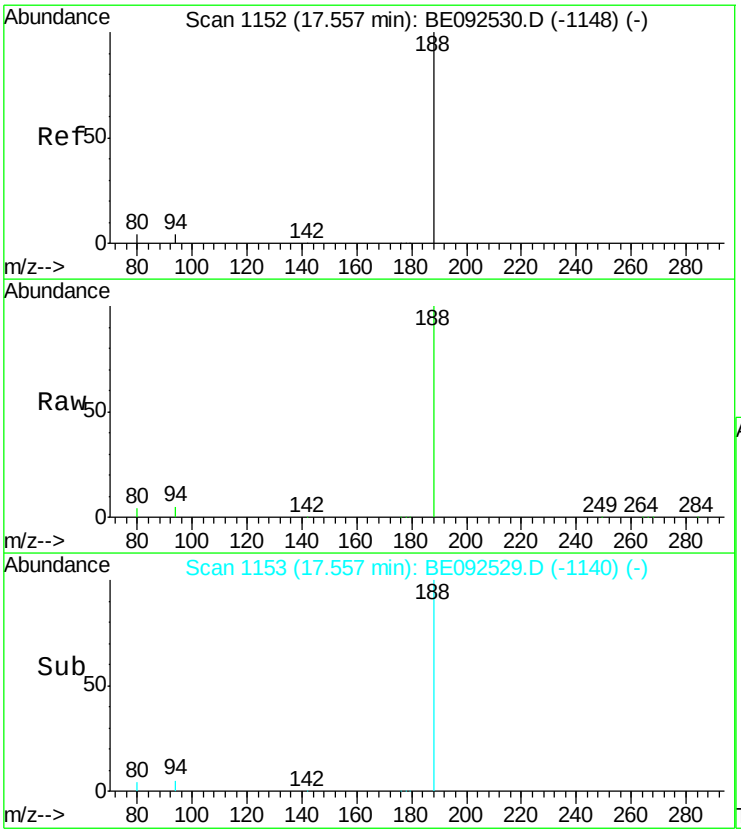
#17
Fluorene
Concen: 0.17 ng
RT: 15.86 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:166 Resp: 1545

Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.2	117.4
167	13.8	11.0	16.4

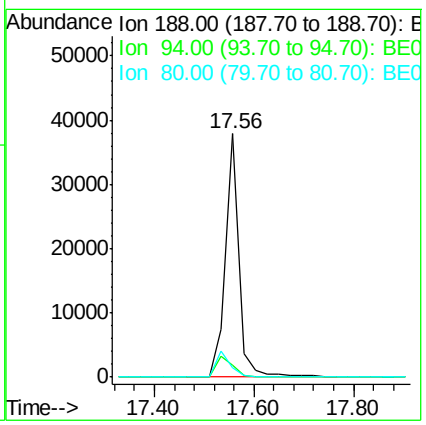


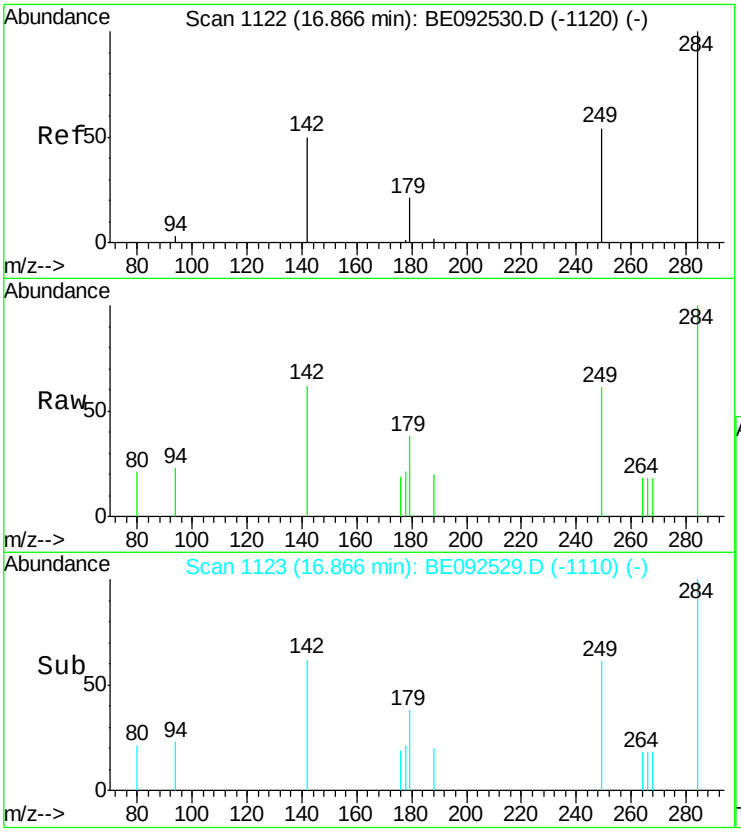


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Tgt Ion:188 Resp: 71267

Ion	Ratio	Lower	Upper
188	100		
94	4.7	3.2	4.8
80	4.0	2.6	3.8#



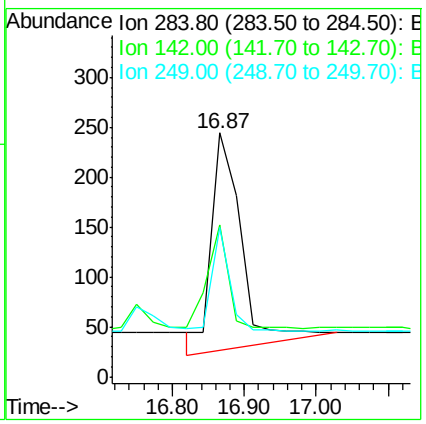


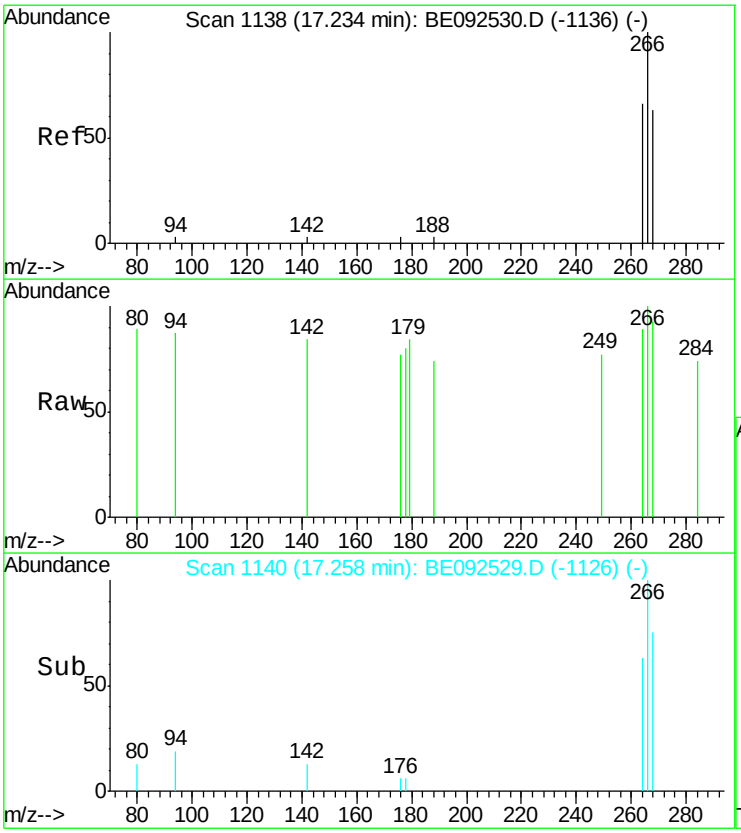
#19
Hexachlorobenzene
Concen: 0.23 ng
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 629

Ion	Ratio	Lower	Upper
284	100		
142	50.6	29.1	43.7#
249	43.6	27.9	41.9#

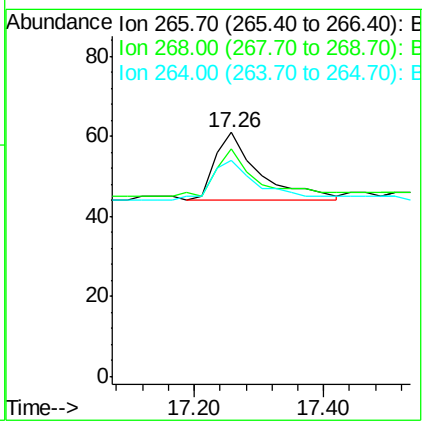


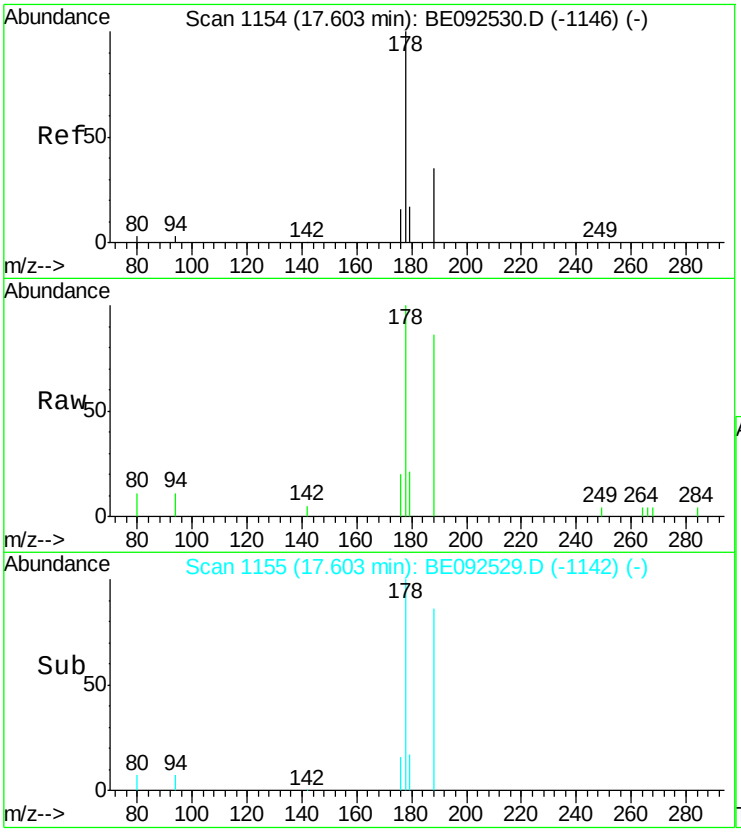


#20
Pentachlorophenol
Concen: 0.11 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.02 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Tgt Ion:266 Resp: 82

Ion	Ratio	Lower	Upper
266	100		
268	93.4	62.5	93.7
264	88.5	57.2	85.8#



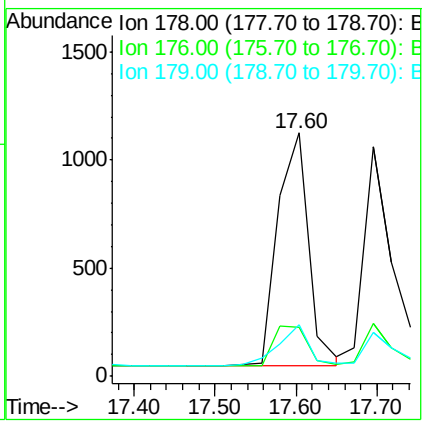


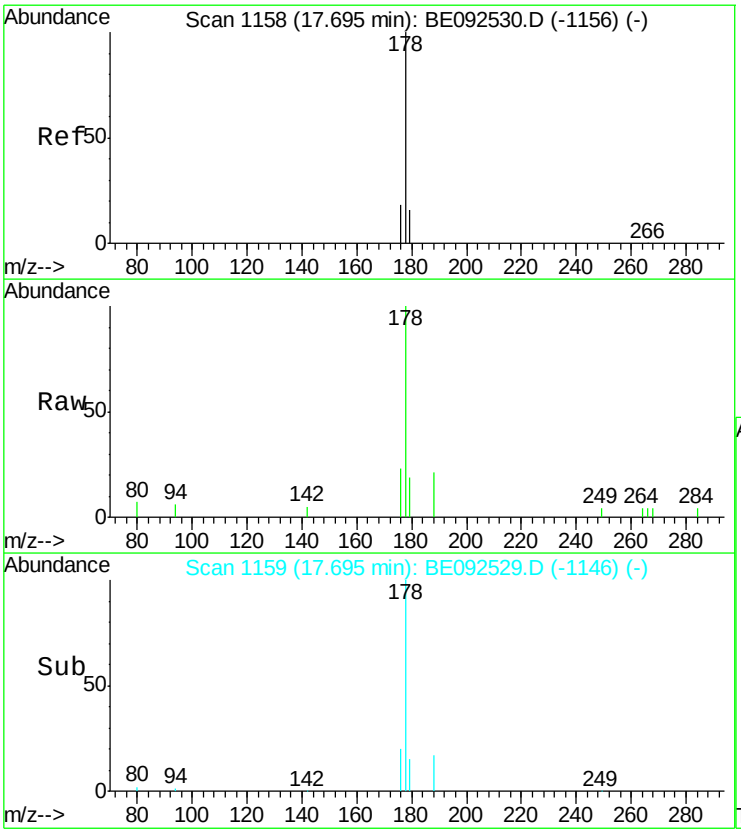
#21
Phenanthrene
Concen: 0.19 ng
RT: 17.60 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 2862

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.8#
179	17.2	16.0	24.0

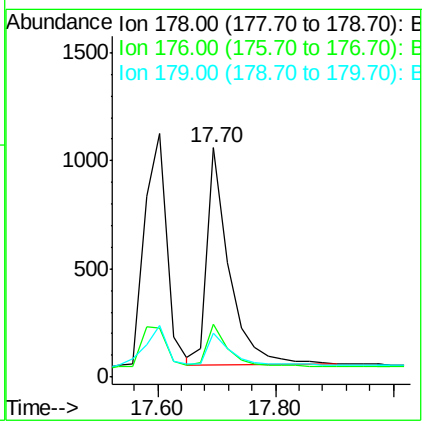


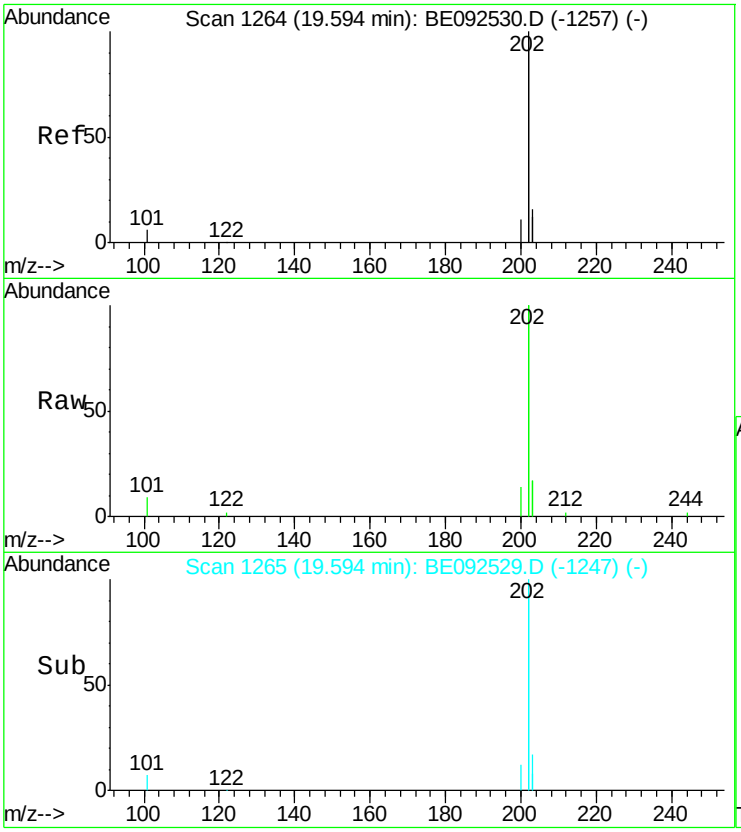


#22
Anthracene
Concen: 0.18 ng
RT: 17.70 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Tgt Ion:178 Resp: 2621

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.9	12.2	18.2



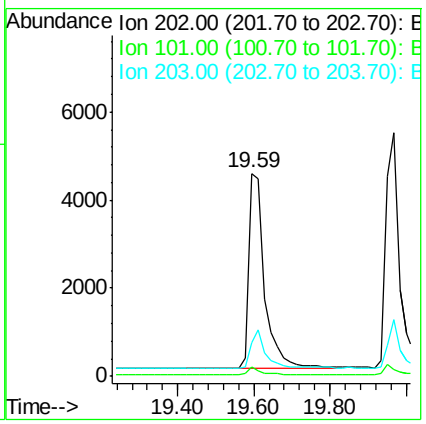


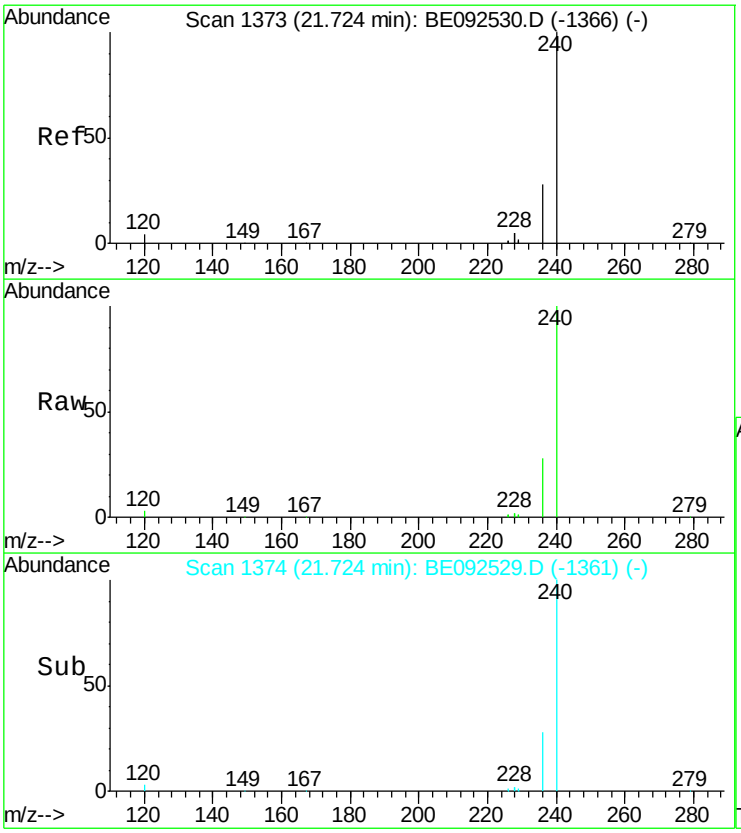
#23
Fluoranthene
Concen: 0.17 ng
RT: 19.59 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 12880

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.6	13.7	20.5

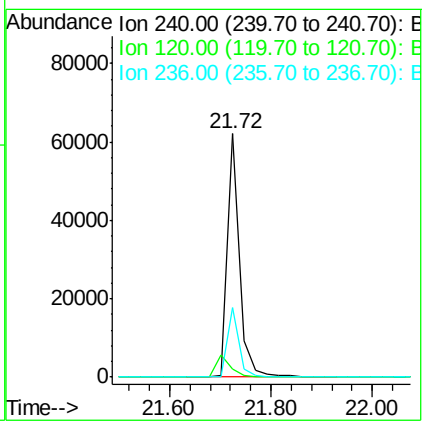


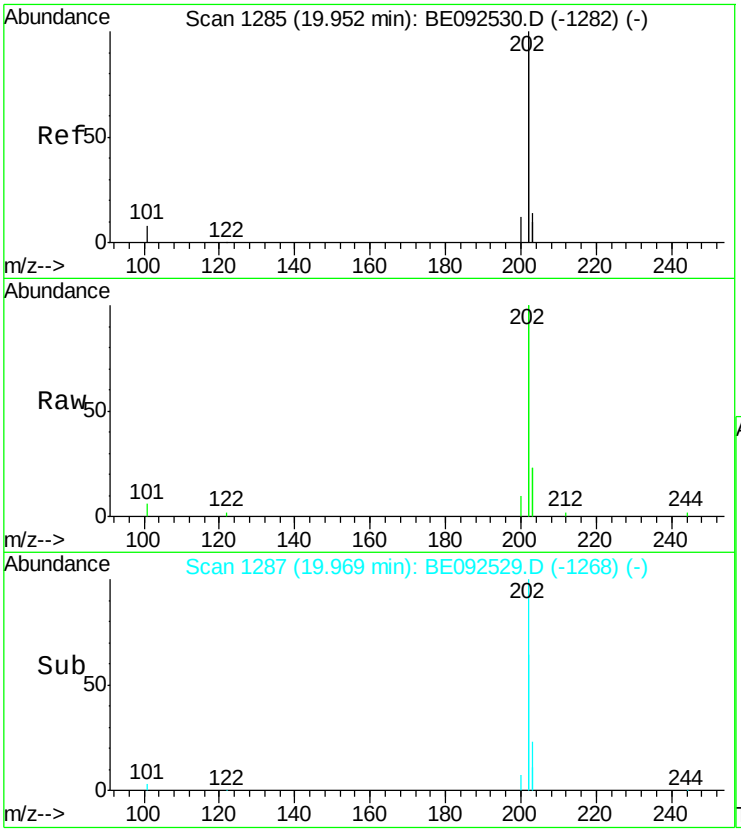


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Tgt Ion:240 Resp: 102603

Ion	Ratio	Lower	Upper
240	100		
120	3.3	2.6	4.0
236	28.5	24.6	37.0



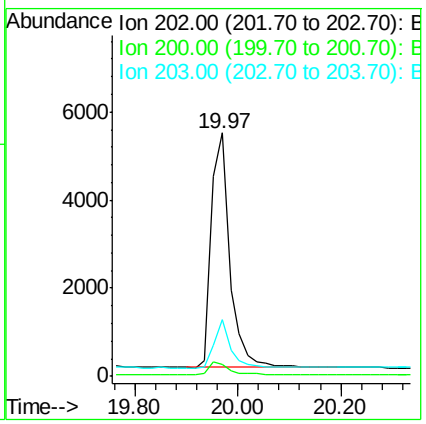


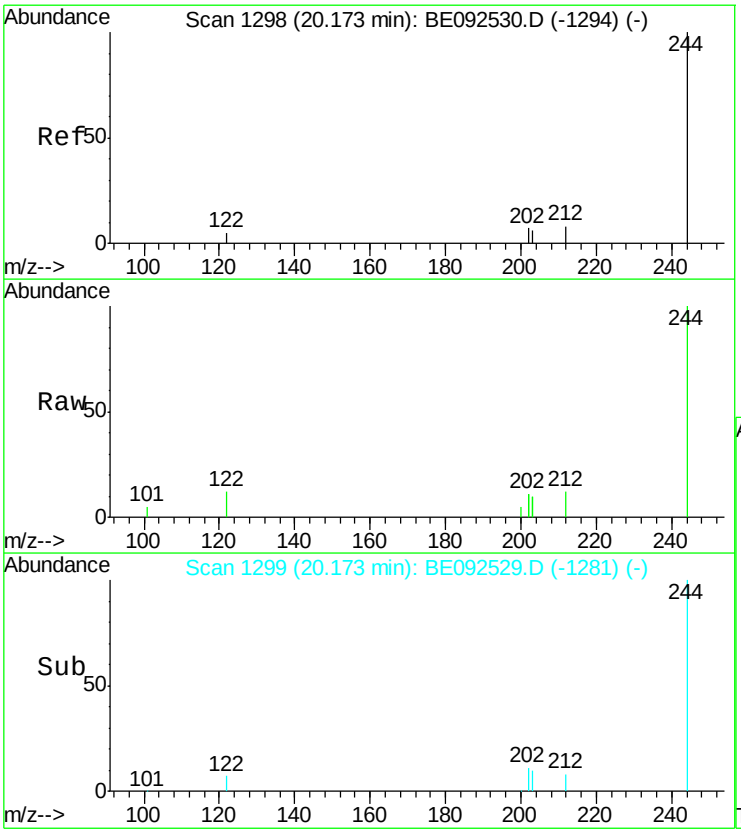
#25
Pyrene
Concen: 0.16 ng
RT: 19.97 min Scan# 1287
Delta R.T. 0.02 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 13390

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

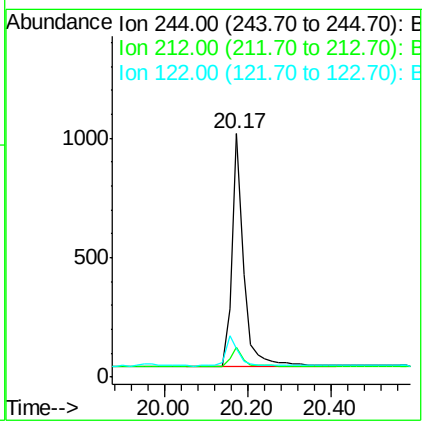


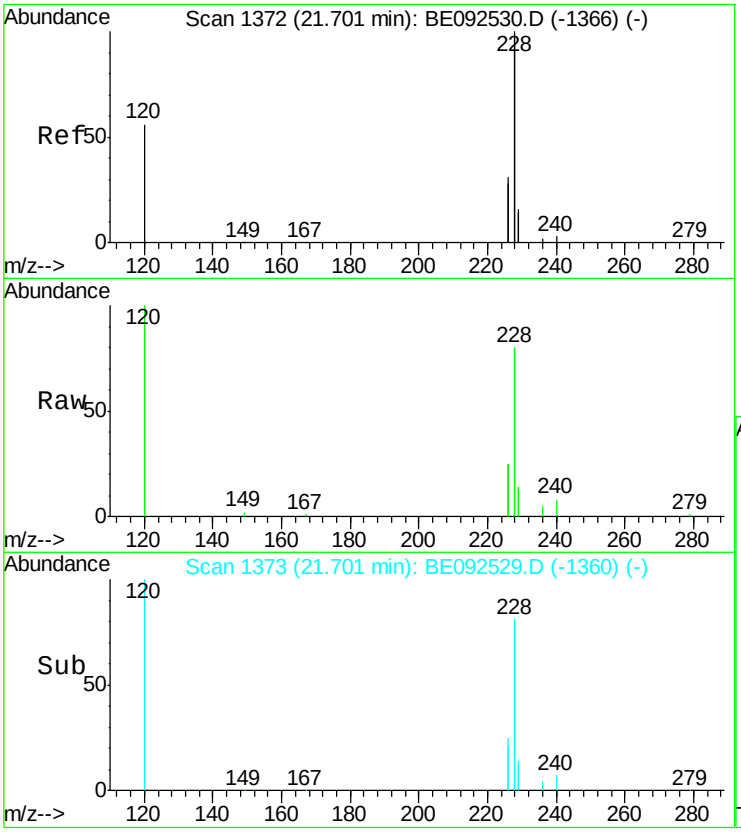


#26
Terphenyl-d14
Concen: 0.15 ng
RT: 20.17 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Tgt Ion:244 Resp: 1929

Ion	Ratio	Lower	Upper
244	100		
212	12.4	6.7	10.1#
122	11.6	3.6	5.4#



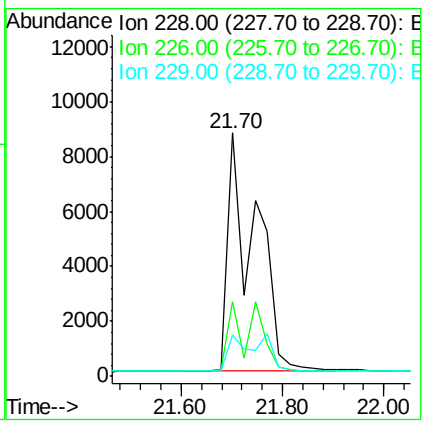


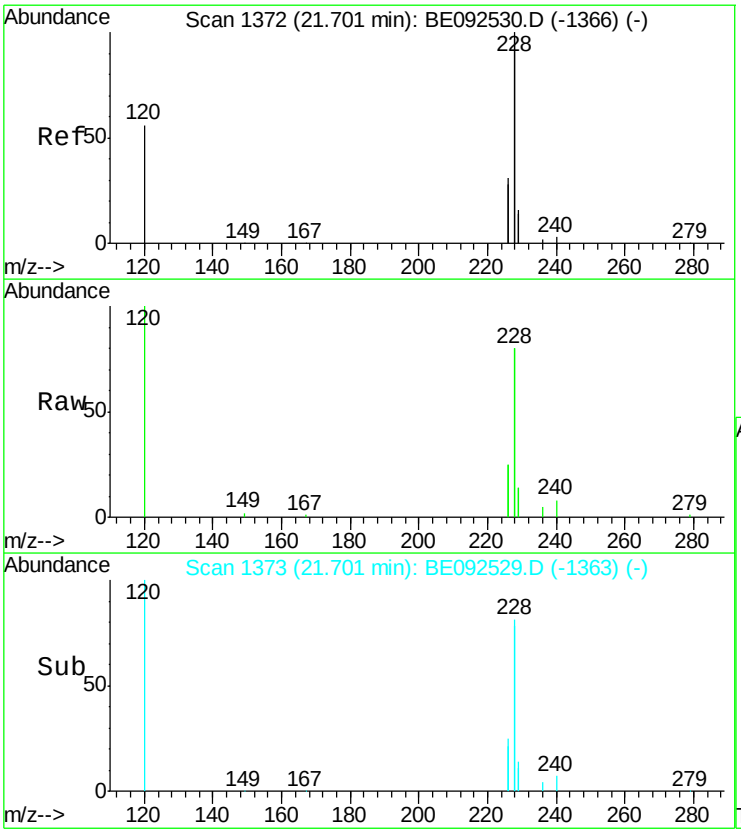
#27
Benzo(a)anthracene
Concen: 0.32 ng
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 32799

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.6	35.4
229	17.2	13.3	19.9

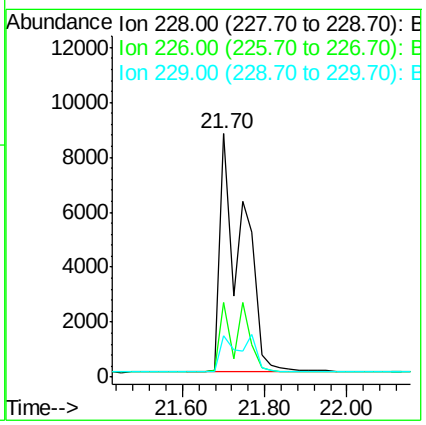


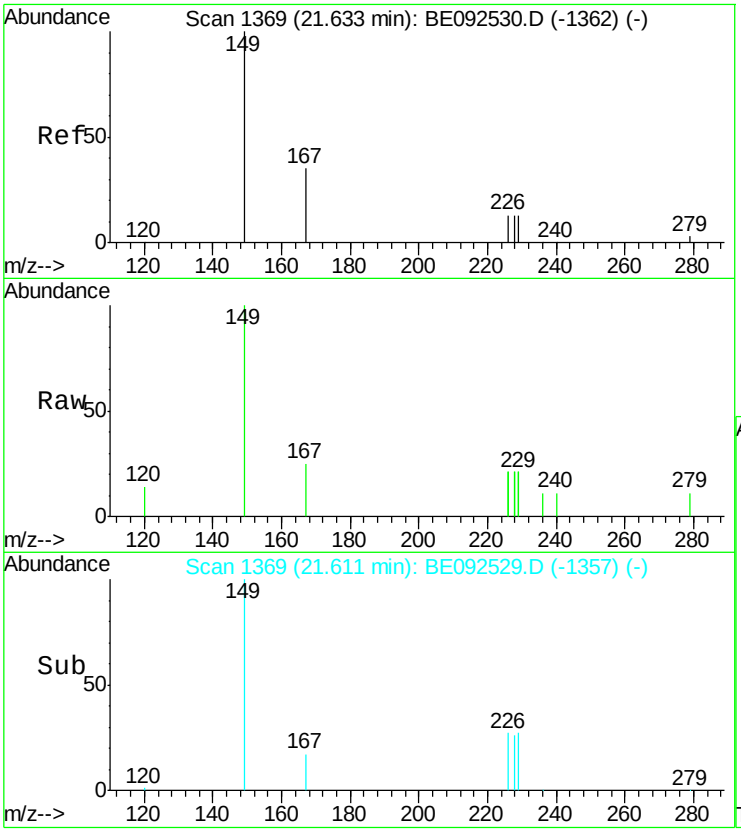


#28
Chrysene
Concen: 0.30 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.07 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Tgt Ion:228 Resp: 32986

Ion	Ratio	Lower	Upper
228	100		
226	30.6	36.3	54.5#
229	17.2	10.6	16.0#



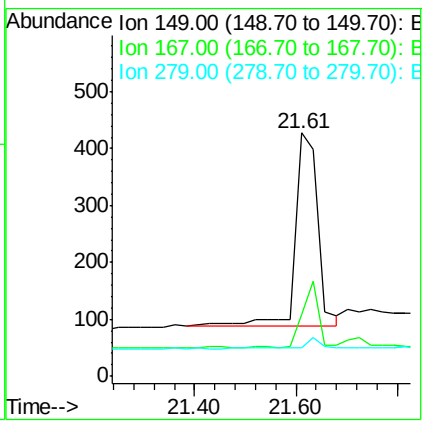


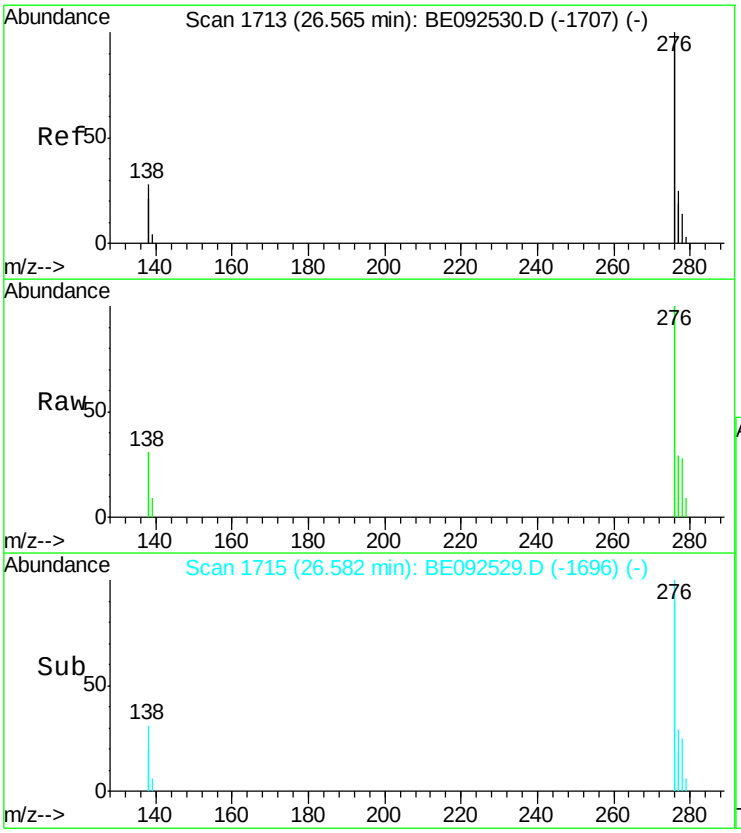
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.09 ng
RT: 21.61 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:149 Resp: 1011

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

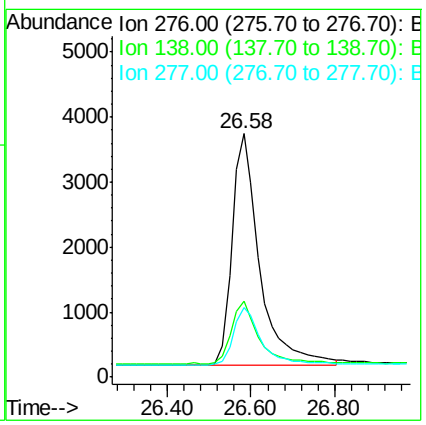


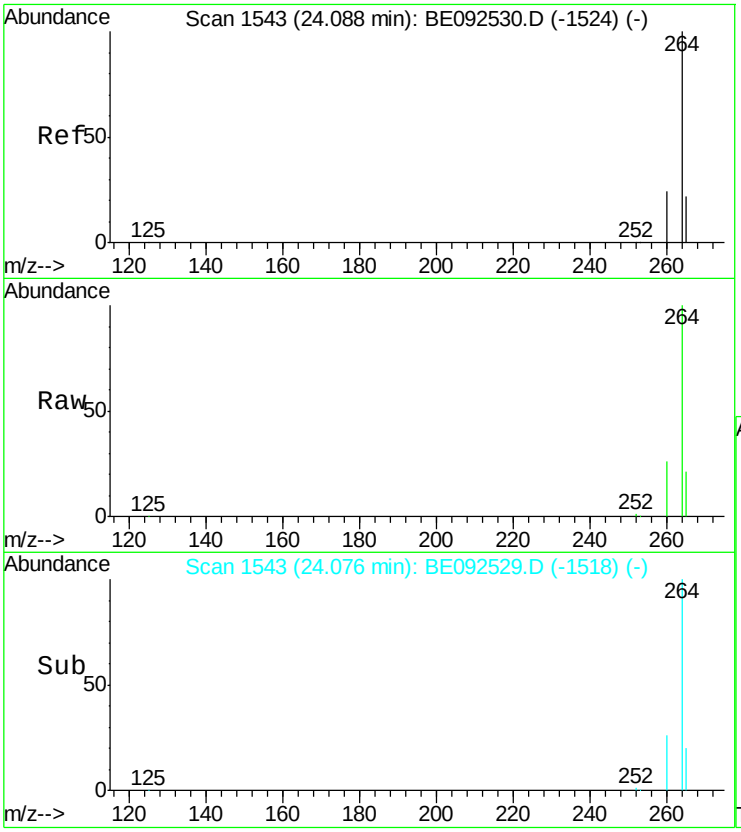


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.14 ng
RT: 26.58 min Scan# 1715
Delta R.T. 0.02 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Tgt Ion:276 Resp: 16408

Ion	Ratio	Lower	Upper
276	100		
138	26.6	20.3	30.5
277	25.1	19.7	29.5



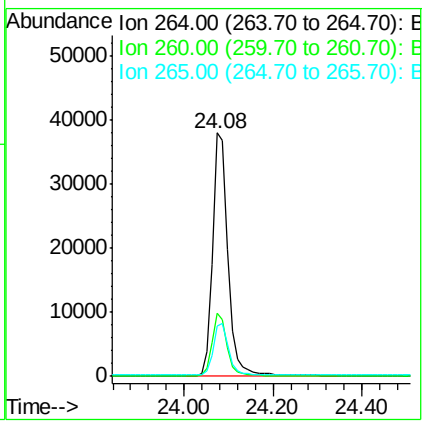


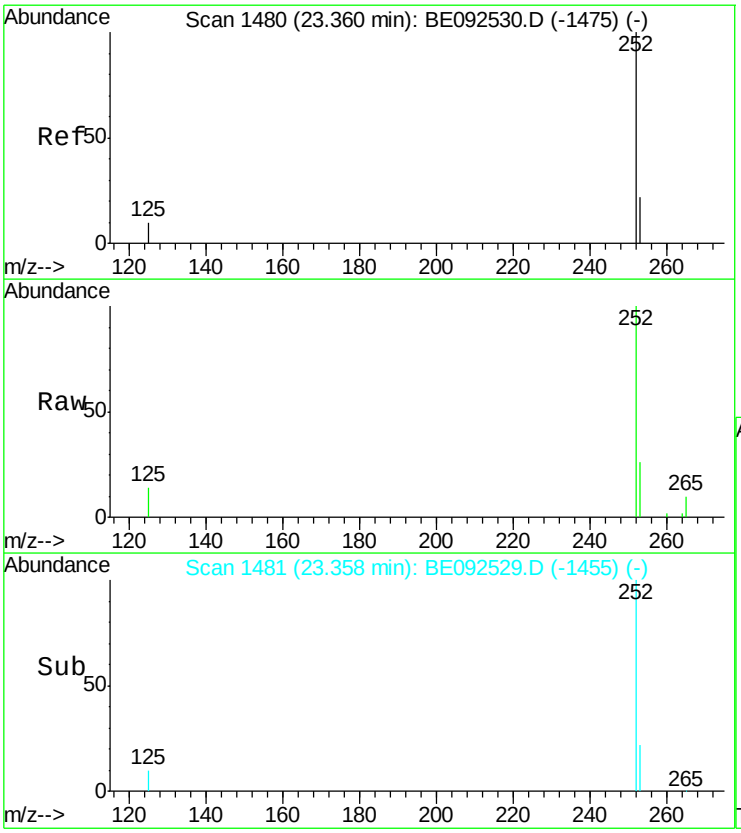
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 91872

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.1	30.1
265	20.7	17.9	26.9

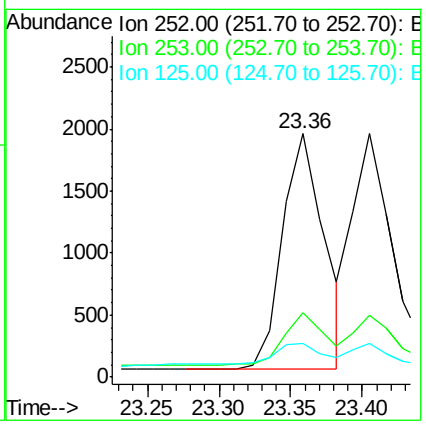


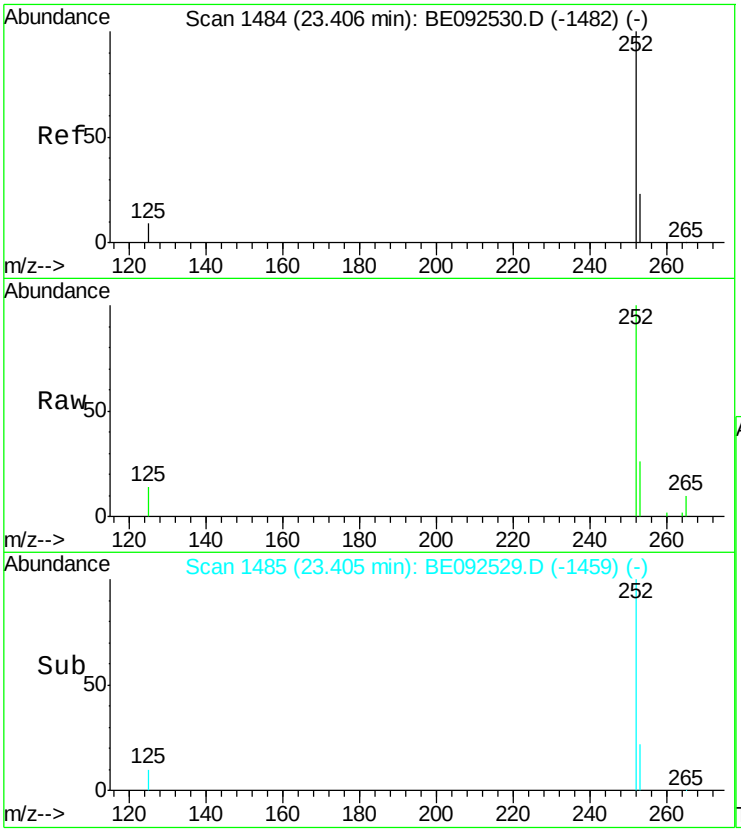


#32
Benzo(b)fluoranthene
Concen: 0.11 ng
RT: 23.36 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Tgt Ion:252 Resp: 3804

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.7	28.1
125	13.8	10.5	15.7



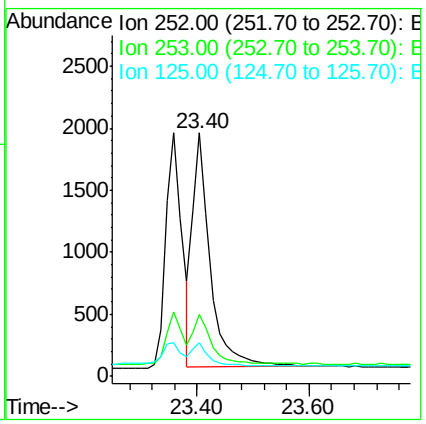


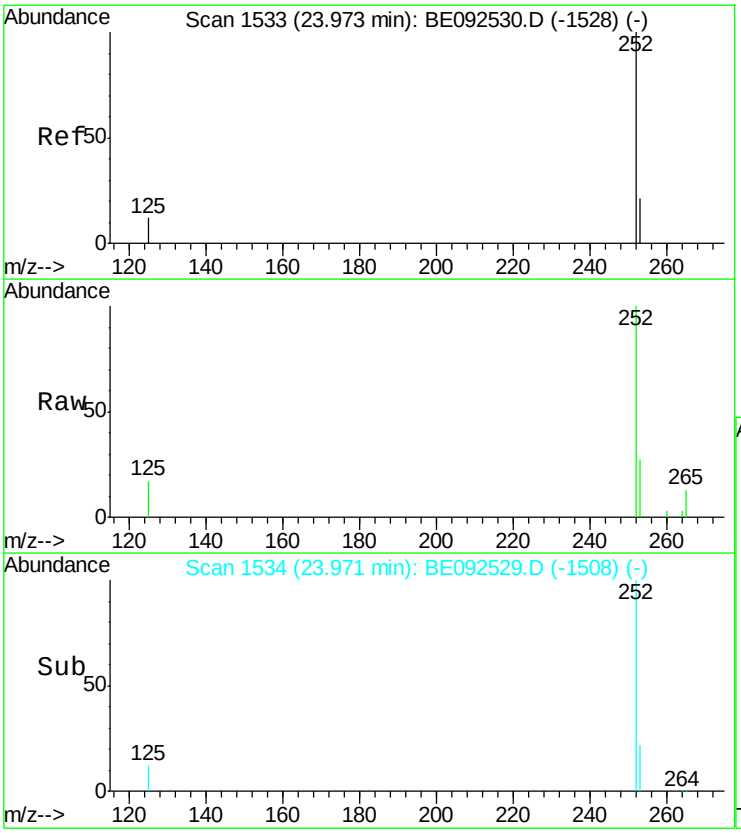
#33
Benzo(k)fluoranthene
Concen: 0.11 ng
RT: 23.40 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 4103

Ion	Ratio	Lower	Upper
252	100		
253	25.6	20.3	30.5
125	13.9	9.6	14.4

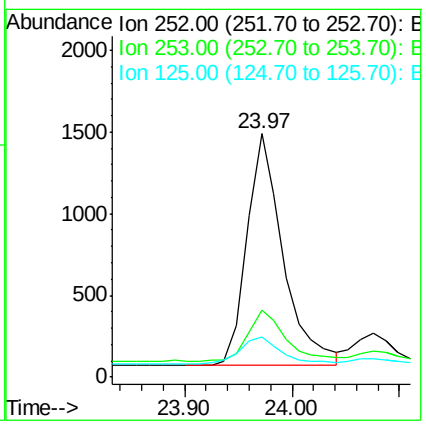


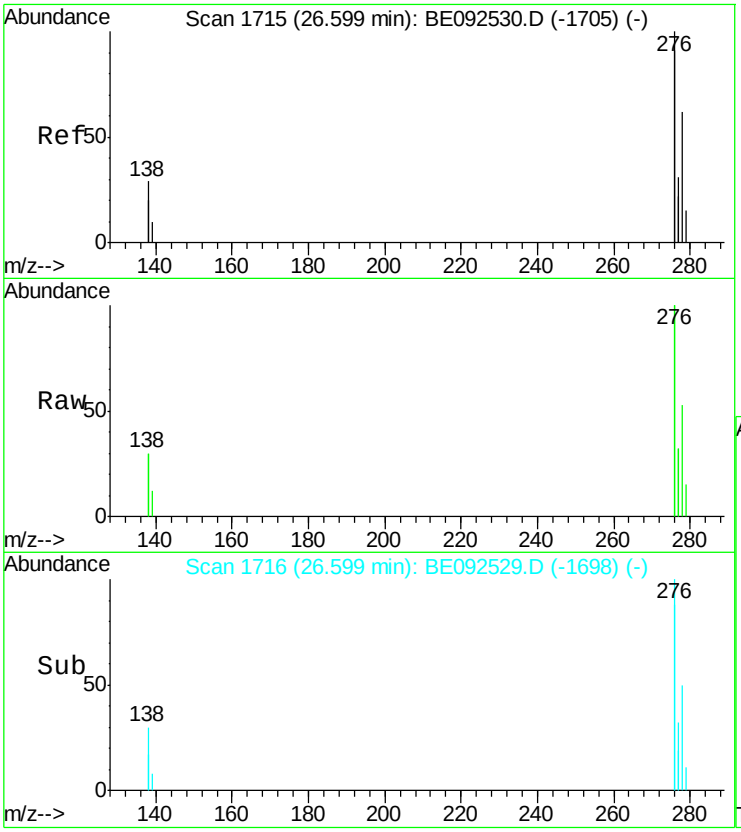


#34
Benzo(a)pyrene
Concen: 0.14 ng
RT: 23.97 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Tgt Ion:252 Resp: 3314

Ion	Ratio	Lower	Upper
252	100		
253	27.3	19.0	28.6
125	16.7	11.8	17.8



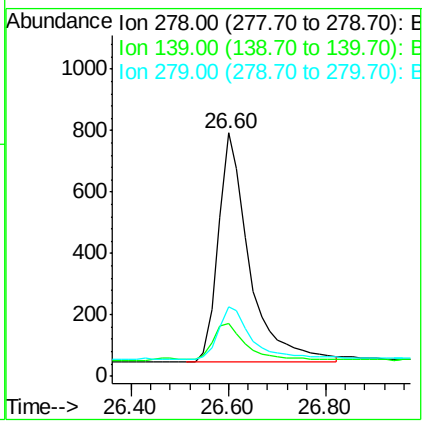


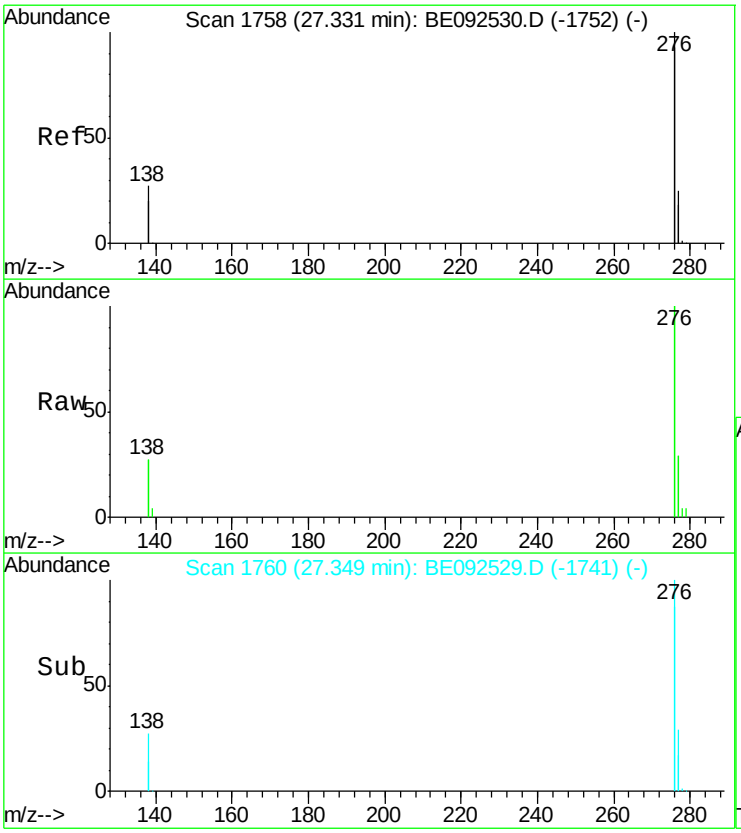
#35
Dibenzo(a,h)anthracene
Concen: 0.15 ng
RT: 26.60 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:278 Resp: 3347

Ion	Ratio	Lower	Upper
278	100		
139	21.8	13.8	20.8#
279	28.4	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.16 ng
RT: 27.35 min Scan# 1760
Delta R.T. 0.02 min
Lab File: BE092529.D
Acq: 16 Nov 2016 11:02

Tgt Ion:276 Resp: 14775

Ion	Ratio	Lower	Upper
276	100		
277	28.8	19.8	29.8
138	26.7	19.8	29.6