Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
Data File : BE092829.D
Acq On : 28 Mar 2017 10:09
Operator : SJ/MA
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Mar 28 13:08:00 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 28 13:07:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	7005	5.00	ng		0.00
7) Naphthalene-d8	10.54	136	31081	5.00	ng		0.00
12) Acenaphthene-d10	14.40	164	15225	5.00	ng		0.00
18) Phenanthrene-d10	17.16	188	35867	5.00	ng		0.00
24) Chrysene-d12	21.30	240	39520	5.00	ng		0.00
31) Perylene-d12	23.71	264	35768	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	327	0.22	ng		0.00
5) Phenol-d6	6.95	99	466	0.26	ng		0.00
8) Nitrobenzene-d5	8.93	82	339	0.18	ng		0.00
13) 2,4,6-Tribromophenol	15.88	330	44	0.11	ng		0.00
14) 2-Fluorobiphenyl	13.03	172	1045	0.29	ng		0.00
26) Terphenyl-d14	19.76	244	1454	0.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	206	0.20	ng		91
3) n-Nitrosodimethylamine	3.62	42	182	0.15	ng		90
6) bis(2-Chloroethyl)ether	7.20	93	463	0.24	ng	#	43
9) Naphthalene	10.58	128	1416	0.21	ng	#	92
10) Hexachlorobutadiene	10.89	225	193	0.20	ng		97
11) 2-Methylnaphthalene	12.21	142	866	0.20	ng		96
15) Acenaphthylene	14.11	152	4225	0.18	ng		99
16) Acenaphthene	14.45	154	844	0.26	ng		92
17) Fluorene	15.44	166	979	0.22	ng		98
19) Hexachlorobenzene	16.46	284	254	0.17	ng	#	63
20) Pentachlorophenol	16.81	266	62	0.13	ng		89
21) Phenanthrene	17.18	178	1671	0.19	ng		96
22) Anthracene	17.27	178	1457	0.17	ng		98
23) Fluoranthene	19.18	202	7263	0.17	ng		99
25) Pyrene	19.54	202	7672	0.21	ng		97
27) Benzo(a)anthracene	21.26	228	1877	0.05	ng		91
28) Chrysene	21.31	228	2101	0.06	ng	#	87
29) Bis(2-ethylhexyl)phthalate	21.23	149	554	0.13	ng	#	75
30) Indeno(1,2,3-cd)pyrene	26.25	276	7539	0.19	ng	#	93
32) Benzo(b)fluoranthene	22.96	252	1955	0.21	ng	#	88
33) Benzo(k)fluoranthene	23.02	252	1577	0.16	ng	#	88
34) Benzo(a)pyrene	23.60	252	1494	0.17	ng	#	85
35) Dibenzo(a,h)anthracene	26.29	278	1631	0.20	ng	#	86
36) Benzo(g,h,i)perylene	27.02	276	6997	0.20	ng	#	84

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

Quantitation Report (QT Reviewed)

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Data File : BE092829.D
Acq On : 28 Mar 2017 10:09
Operator : SJ/MA
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Mar 28 13:08:00 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 28 13:07:38 2017
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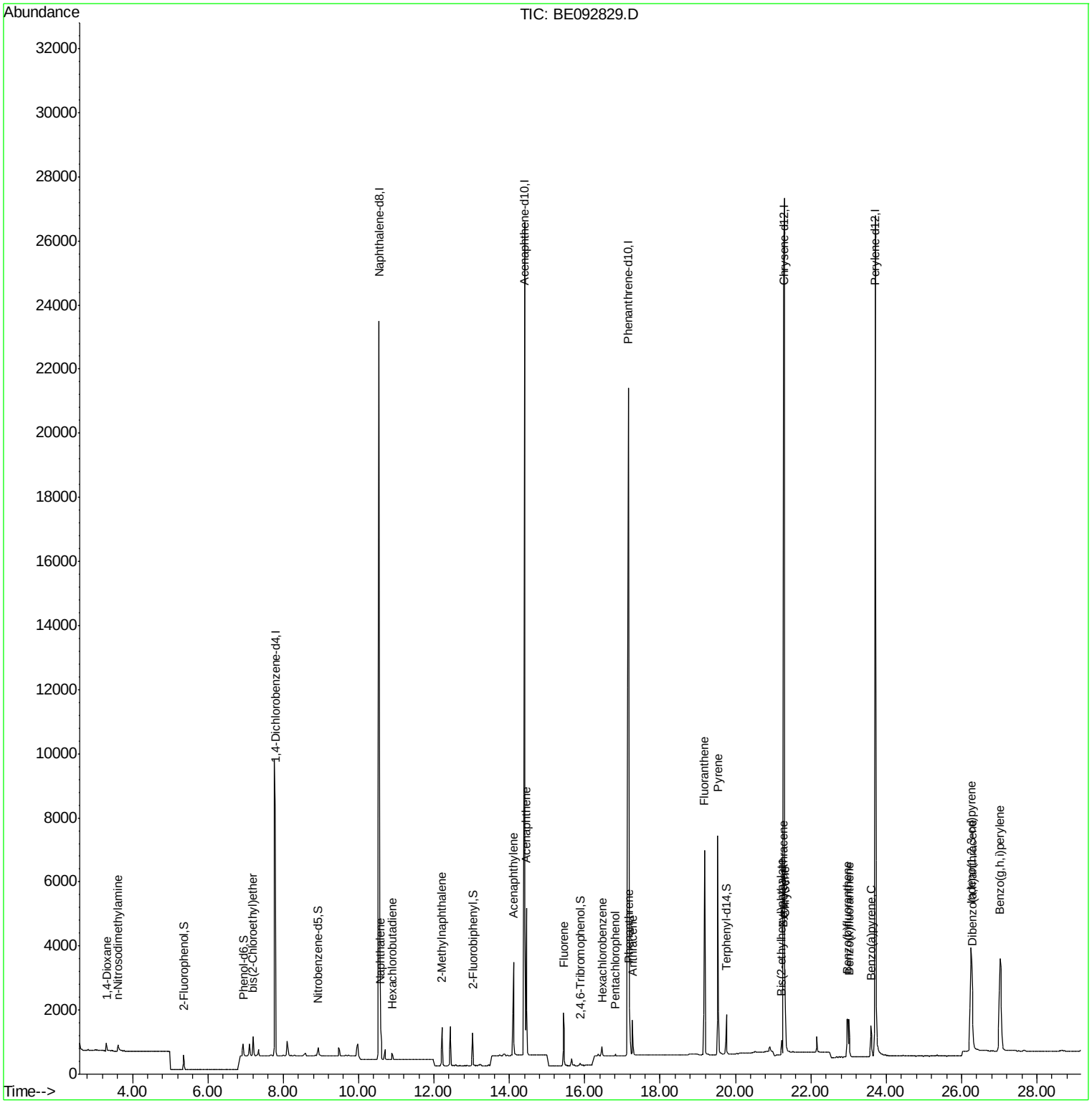
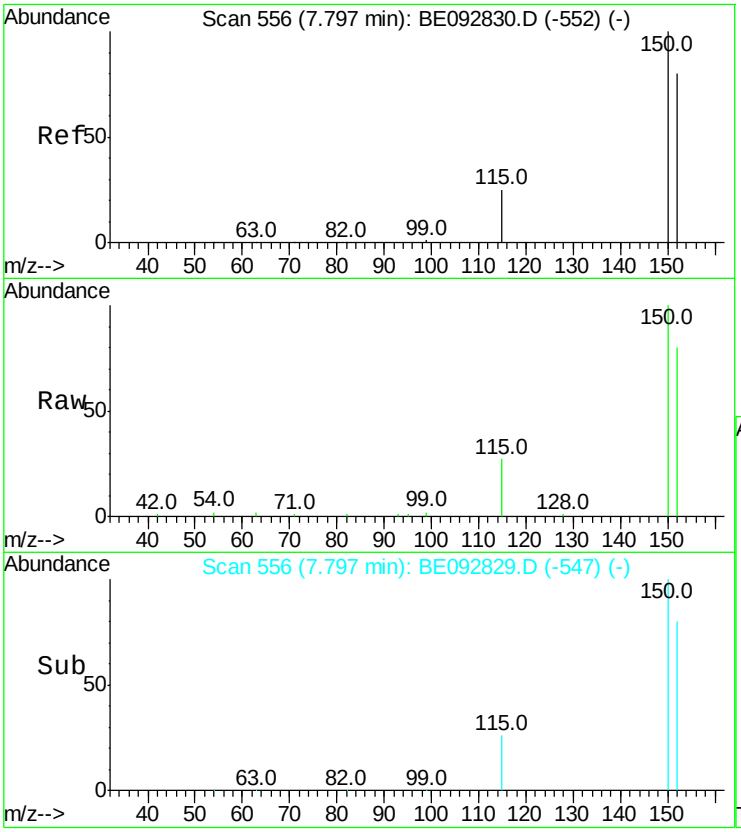


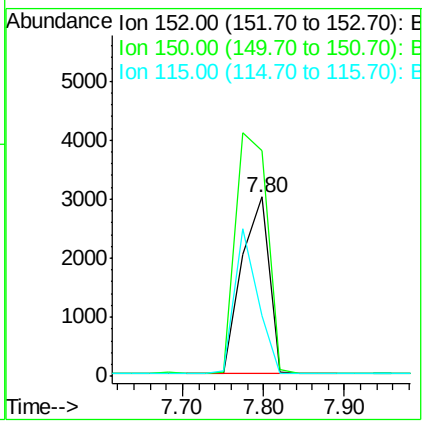


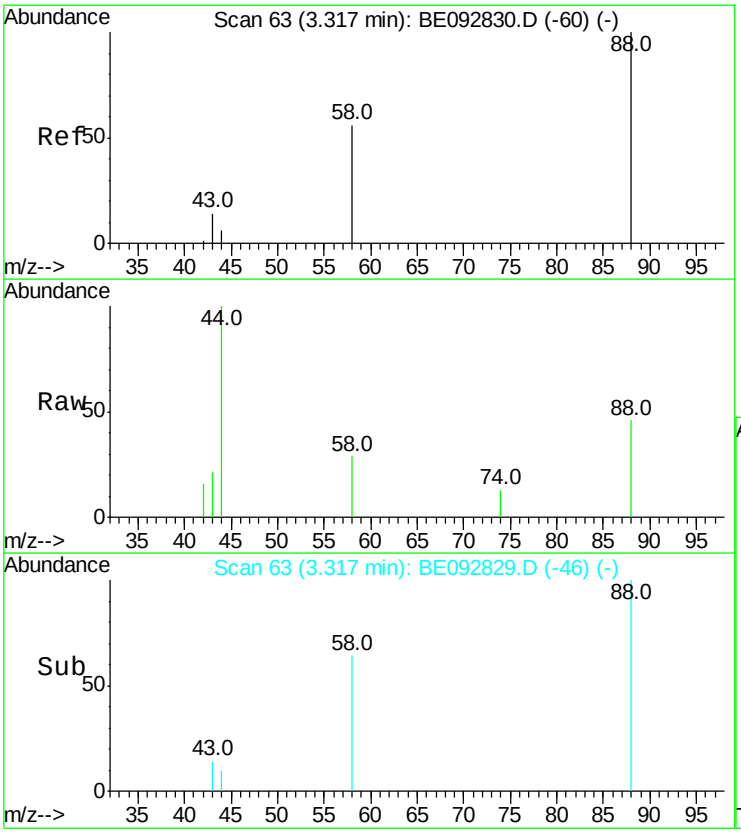
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 556
Delta R.T. 0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 7005

Ion	Ratio	Lower	Upper
152	100		
150	125.4	106.0	159.0
115	33.5	31.2	46.8

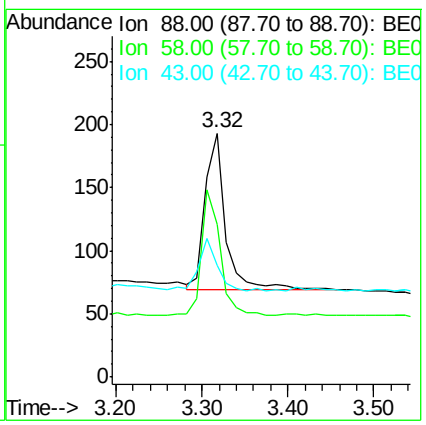


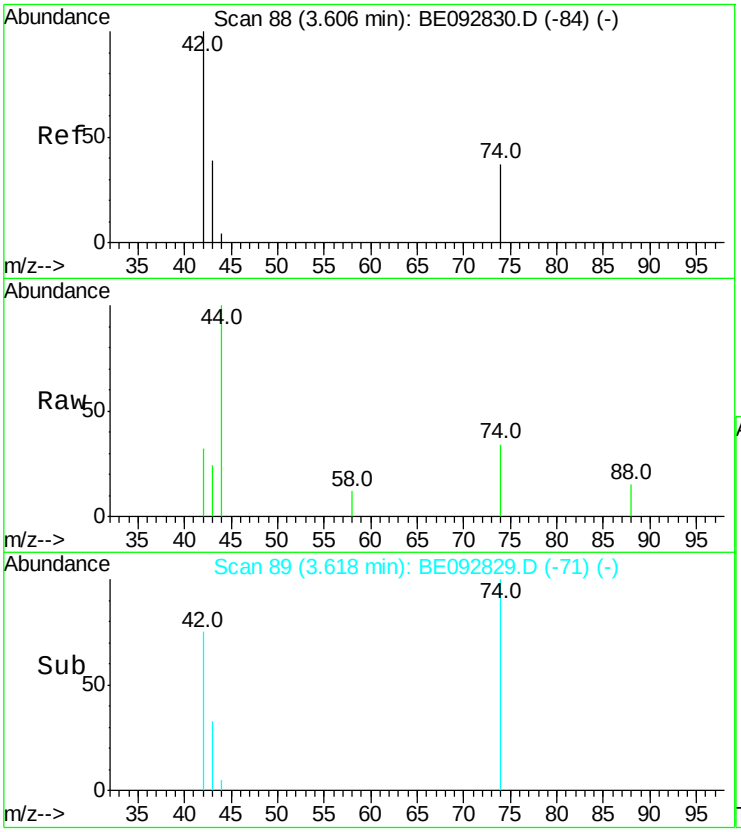


#2
1,4-Dioxane
Concen: 0.20 ng
RT: 3.32 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Tgt Ion: 88 Resp: 206

Ion	Ratio	Lower	Upper
88	100		
58	71.8	63.6	95.4
43	30.1	28.0	42.0



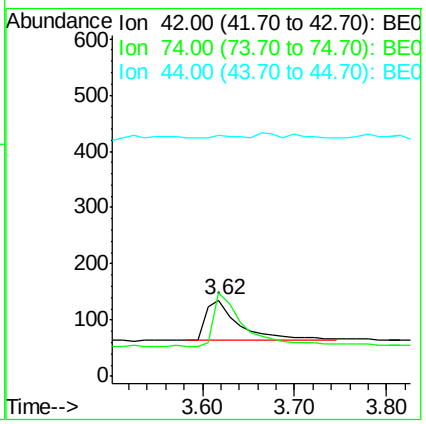


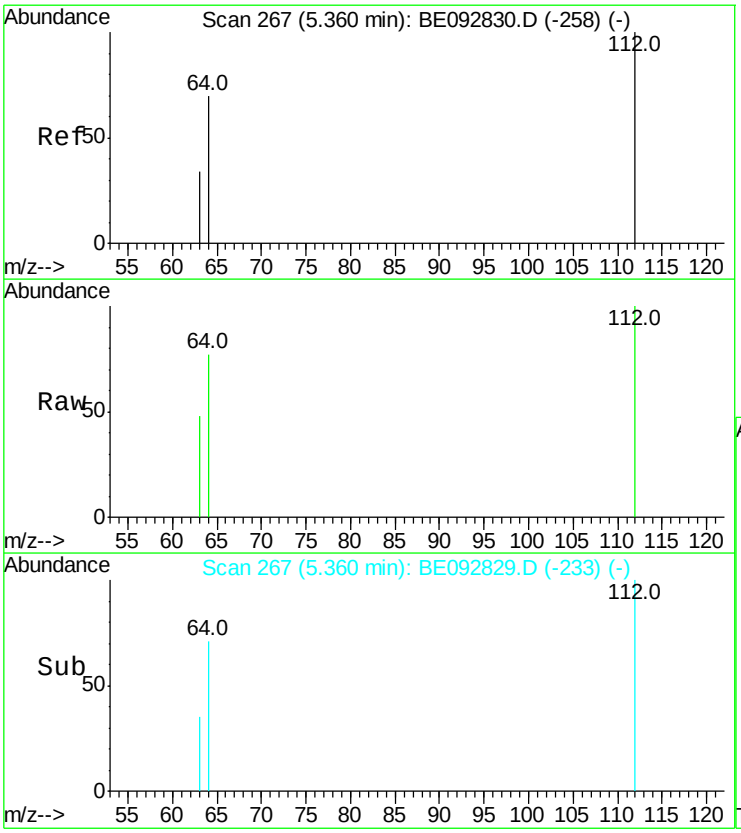
#3
n-Nitrosodimethylamine
Concen: 0.15 ng
RT: 3.62 min Scan# 89
Delta R.T. 0.01 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 182

Ion	Ratio	Lower	Upper
42	100		
74	118.7	86.0	129.0
44	5.5	5.1	7.7

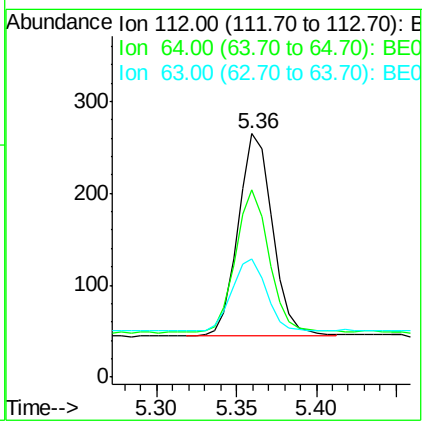


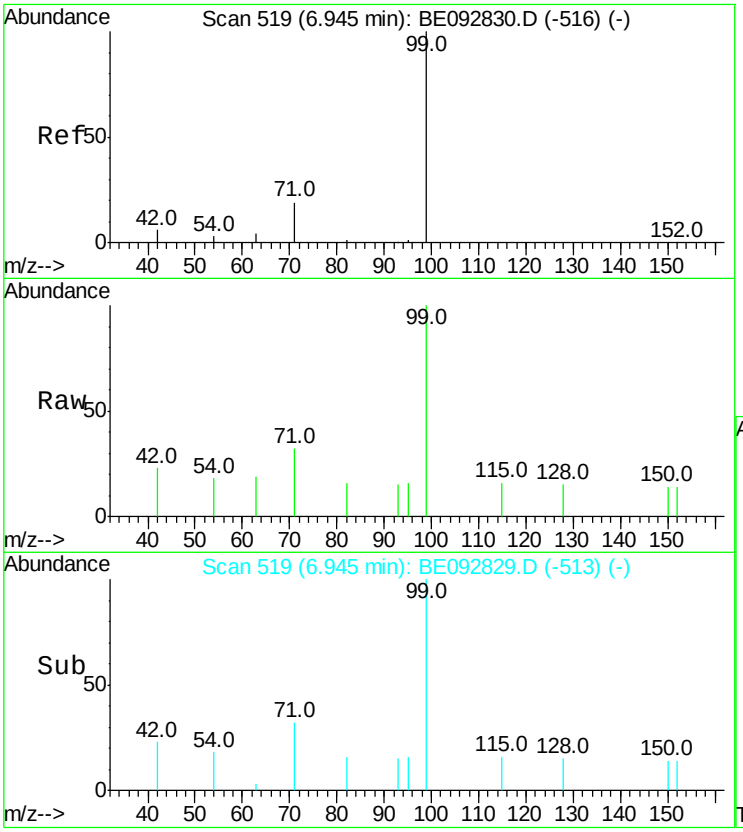


#4
2-Fluorophenol
Concen: 0.22 ng
RT: 5.36 min Scan# 267
Delta R.T. -0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Tgt Ion:112 Resp: 327

Ion	Ratio	Lower	Upper
112	100		
64	70.9	53.5	80.3
63	36.1	27.9	41.9



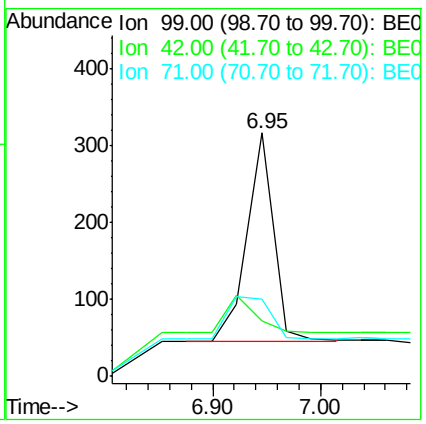


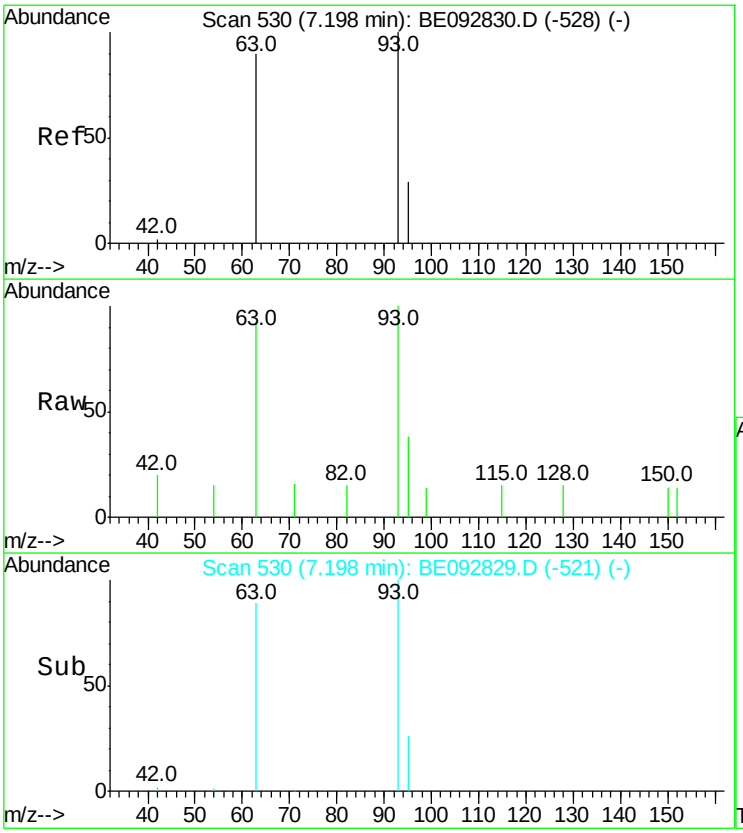
#5
Phenol-d6
Concen: 0.26 ng
RT: 6.95 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 466

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

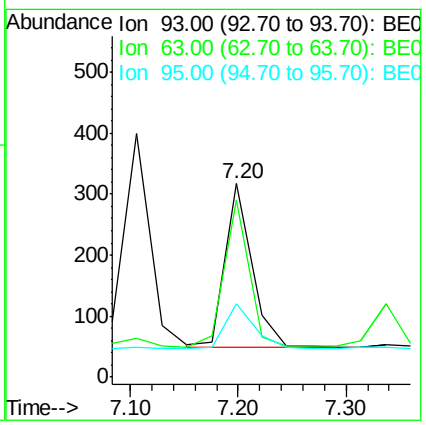


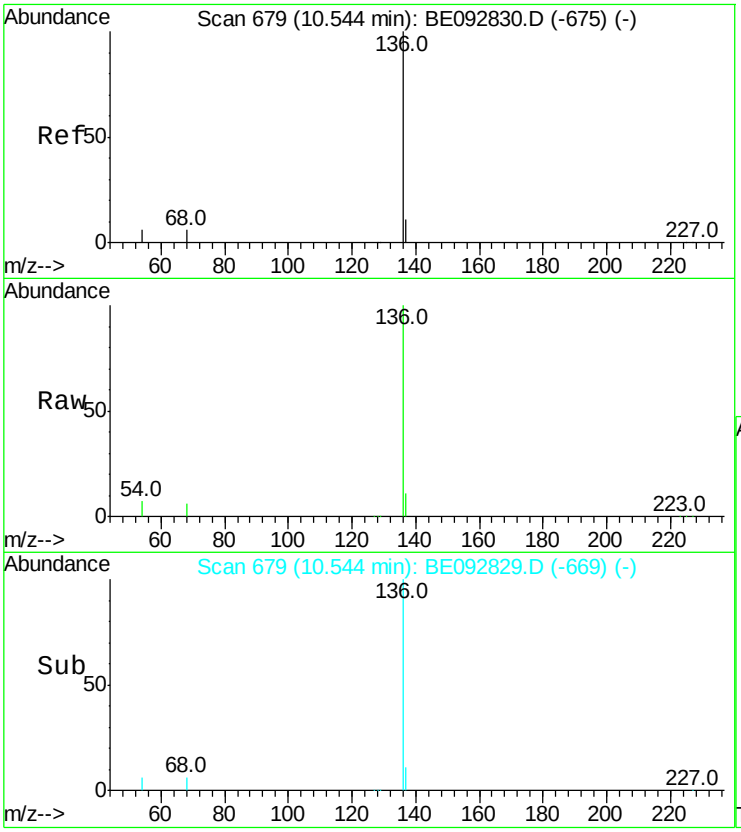


#6
bis(2-Chloroethyl)ether
Concen: 0.24 ng
RT: 7.20 min Scan# 530
Delta R.T. 0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Tgt Ion: 93 Resp: 463

Ion	Ratio	Lower	Upper
93	100		
63	84.2	16.0	24.0#
95	28.7	24.0	36.0



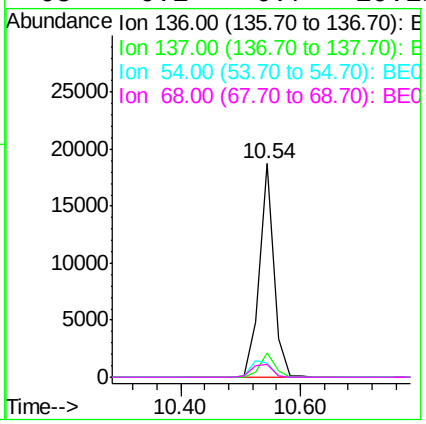


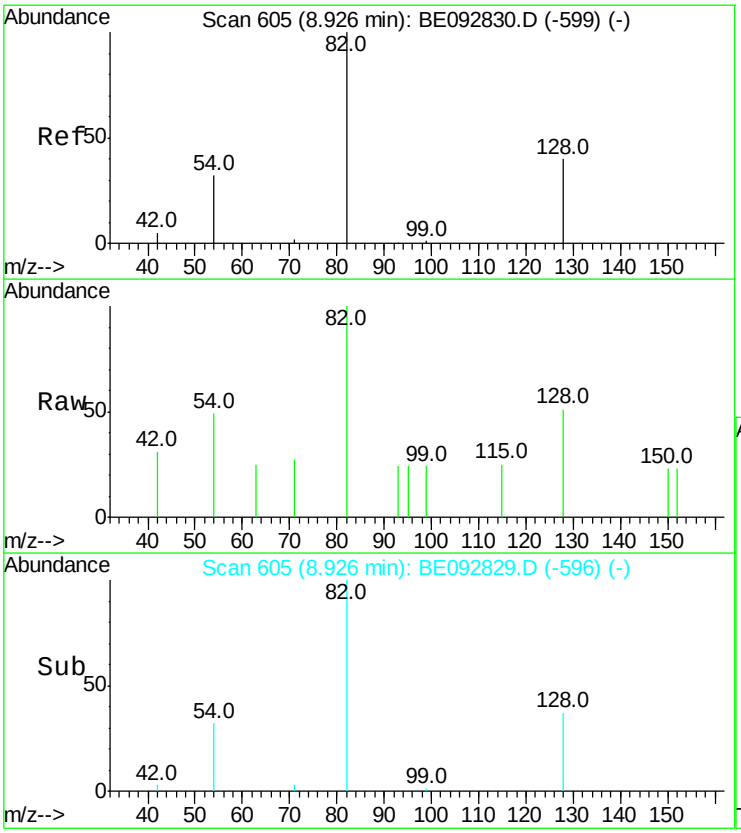
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.54 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 31081

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	6.6	9.6	14.4#
68	6.1	6.7	10.1#

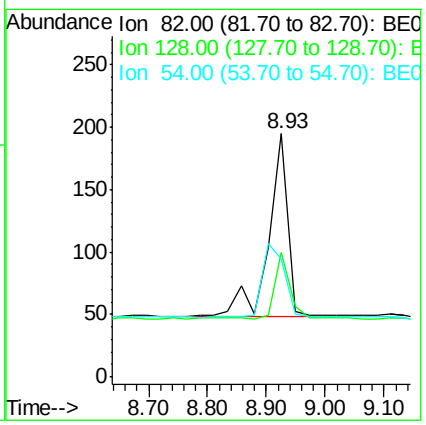


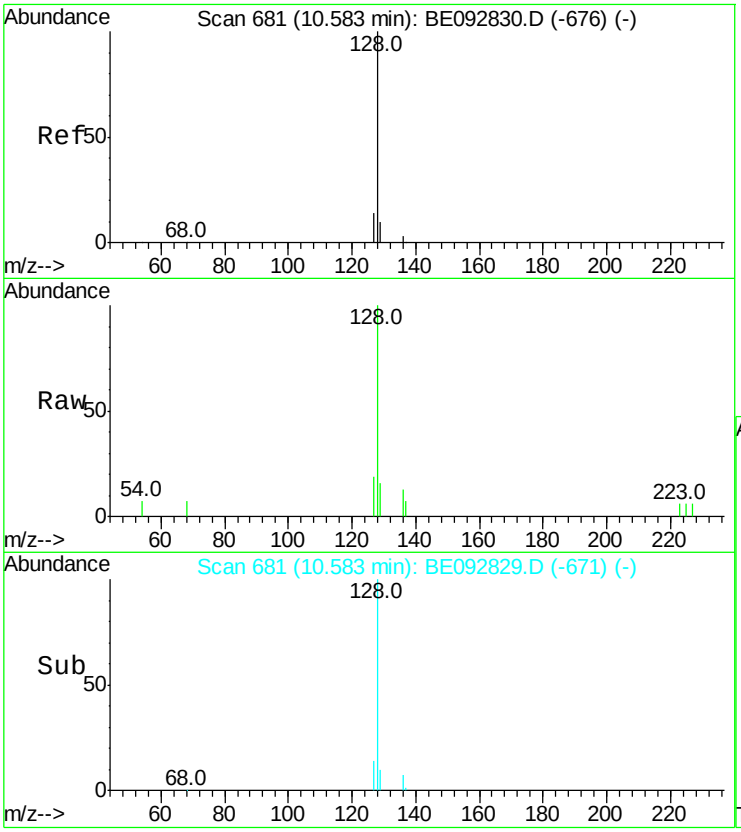


#8
Nitrobenzene-d5
Concen: 0.18 ng
RT: 8.93 min Scan# 605
Delta R.T. 0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Tgt Ion: 82 Resp: 339

Ion	Ratio	Lower	Upper
82	100		
128	51.3	39.0	58.4
54	48.7	44.8	67.2



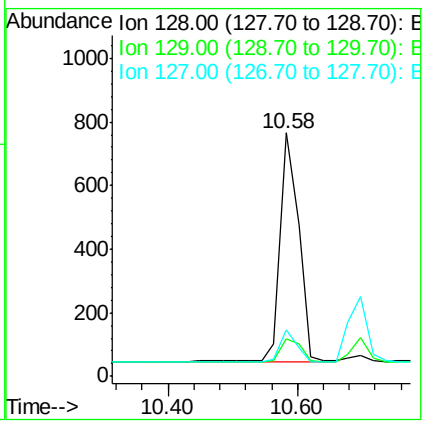


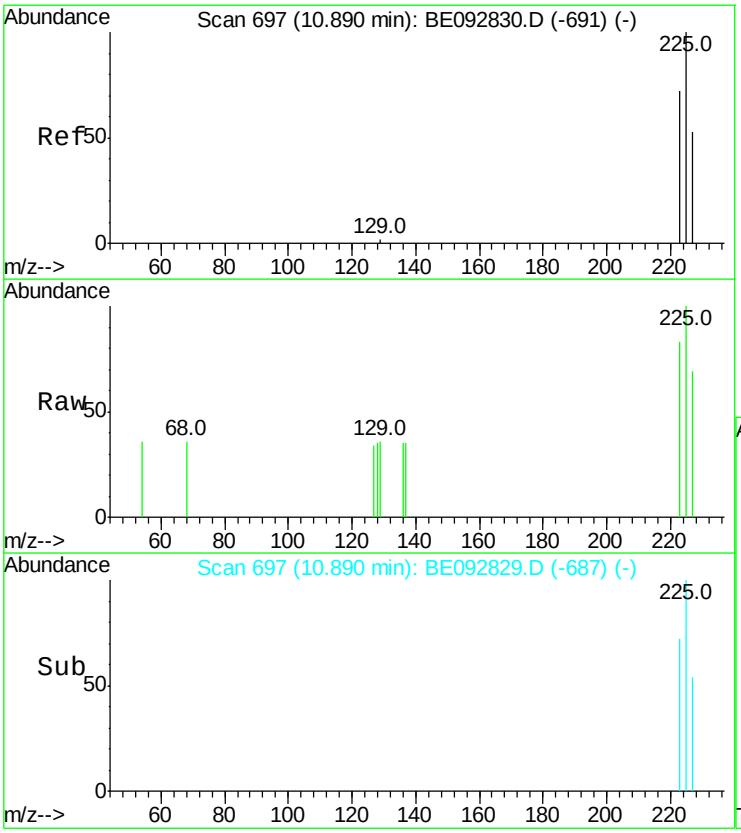
#9
Naphthalene
Concen: 0.21 ng
RT: 10.58 min Scan# 681
Delta R.T. -0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 1416

Ion	Ratio	Lower	Upper
128	100		
129	15.5	11.2	16.8
127	19.2	11.6	17.4#

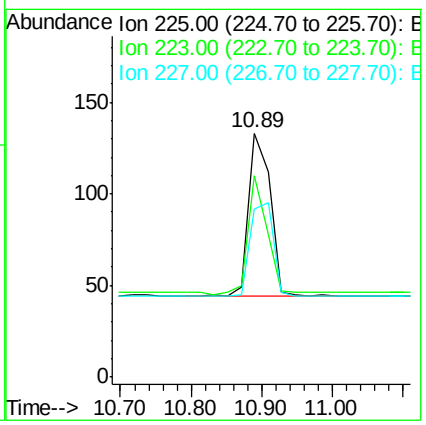


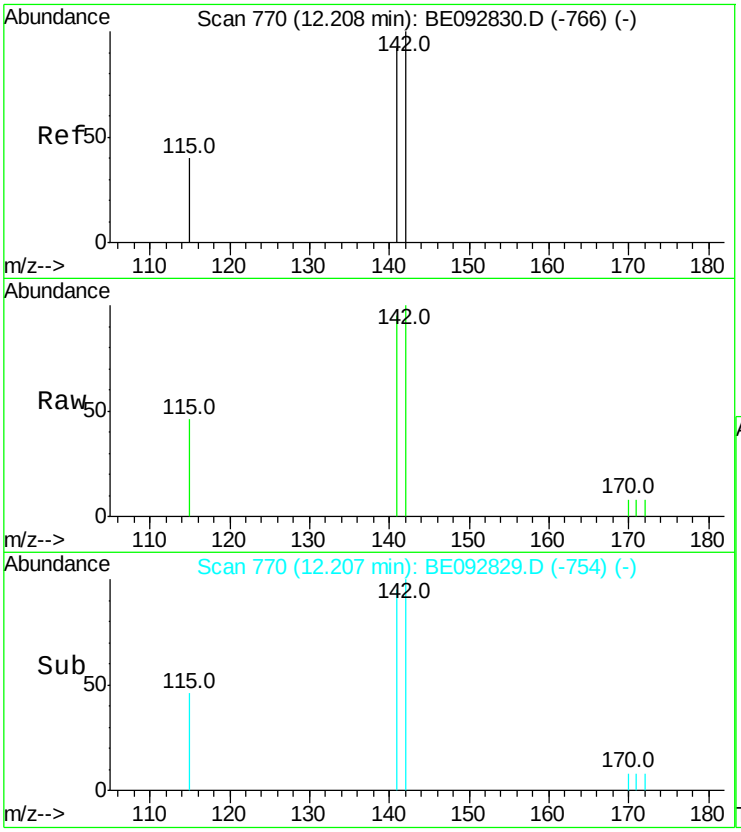


#10
Hexachlorobutadiene
Concen: 0.20 ng
RT: 10.89 min Scan# 697
Delta R.T. -0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Tgt Ion:225 Resp: 193

Ion	Ratio	Lower	Upper
225	100		
223	65.3	50.6	76.0
227	61.1	51.4	77.0



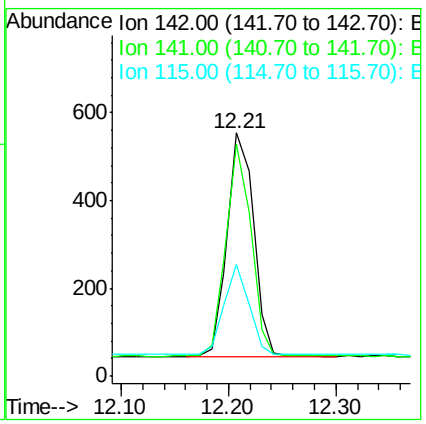


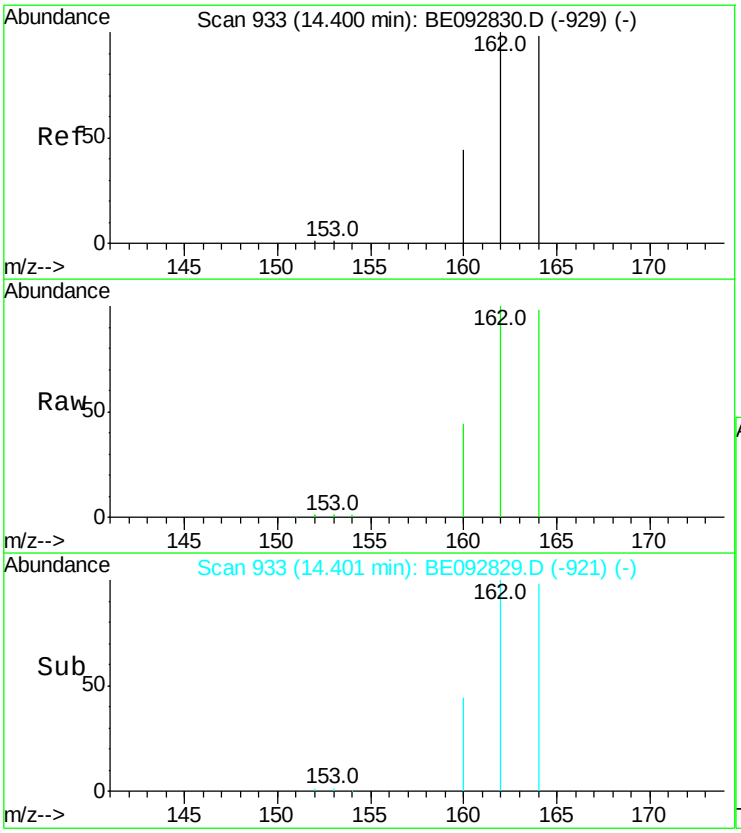
#11
2-Methylnaphthalene
Concen: 0.20 ng
RT: 12.21 min Scan# 770
Delta R.T. -0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:142 Resp: 866

Ion	Ratio	Lower	Upper
142	100		
141	95.5	73.7	110.5
115	45.7	34.0	51.0

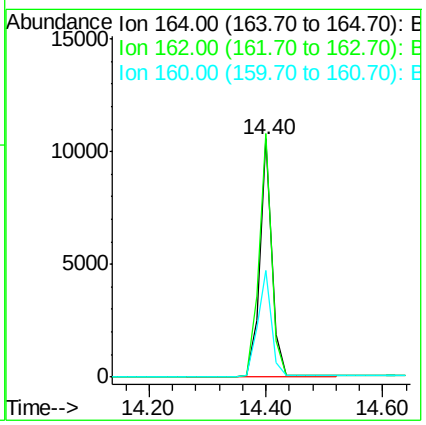


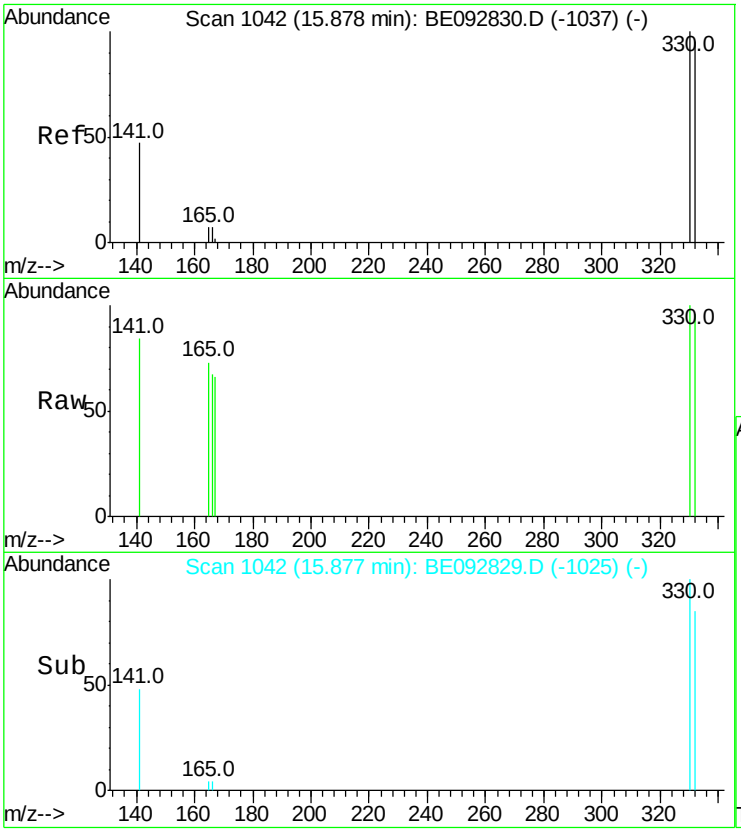


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 933
Delta R.T. 0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Tgt Ion:164 Resp: 15225

Ion	Ratio	Lower	Upper
164	100		
162	102.2	71.4	107.0
160	44.9	27.4	41.2#



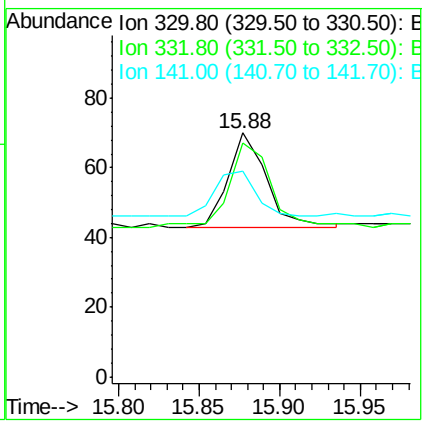


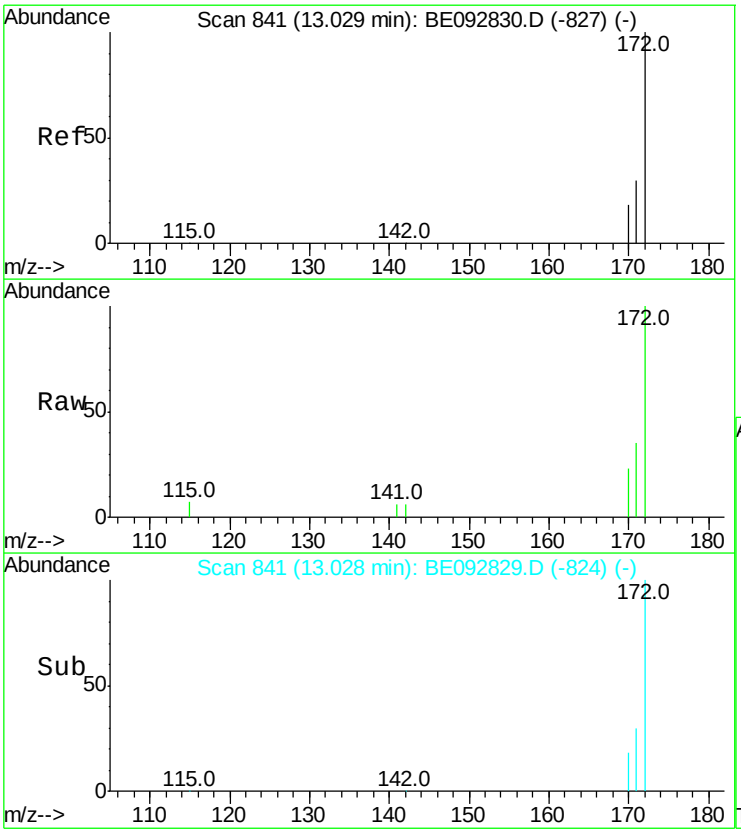
#13
2,4,6-Tribromophenol
Concen: 0.11 ng
RT: 15.88 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:330 Resp: 44

Ion	Ratio	Lower	Upper
330	100		
332	100.0	75.4	113.0
141	52.3	31.0	46.6#

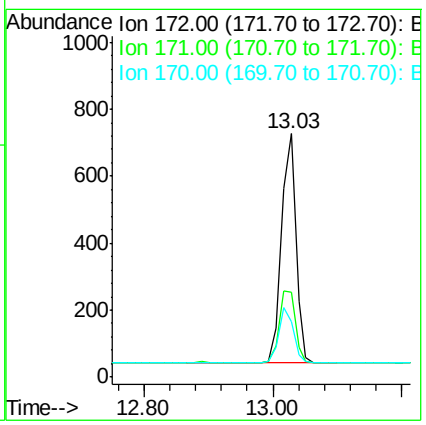


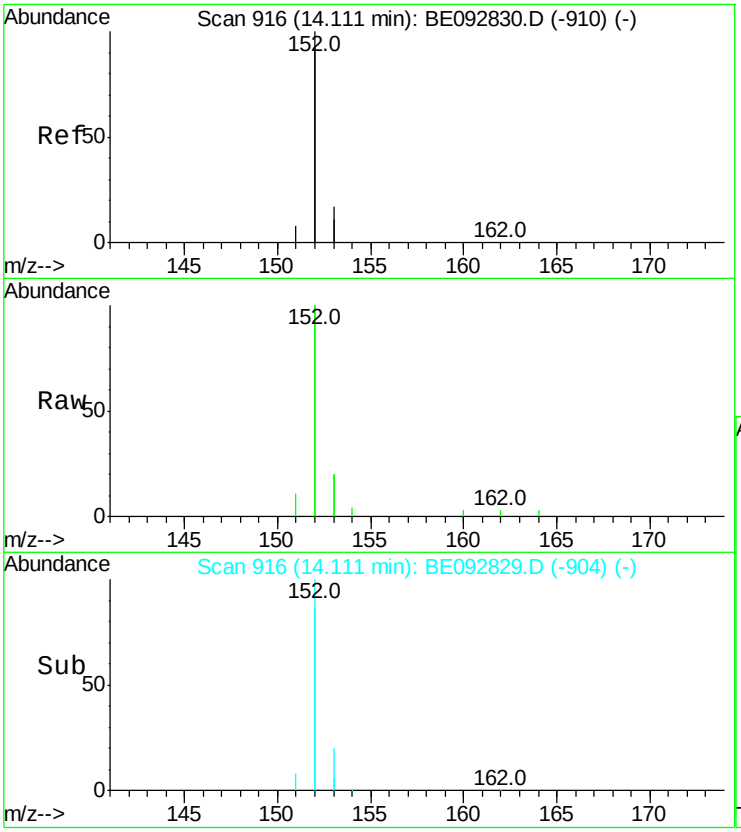


#14
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 13.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Tgt Ion:172 Resp: 1045

Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.1	45.1
170	22.8	21.8	32.6



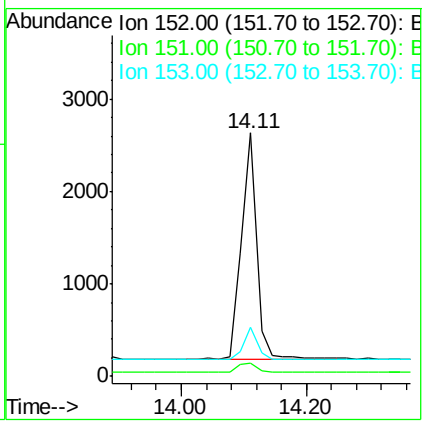


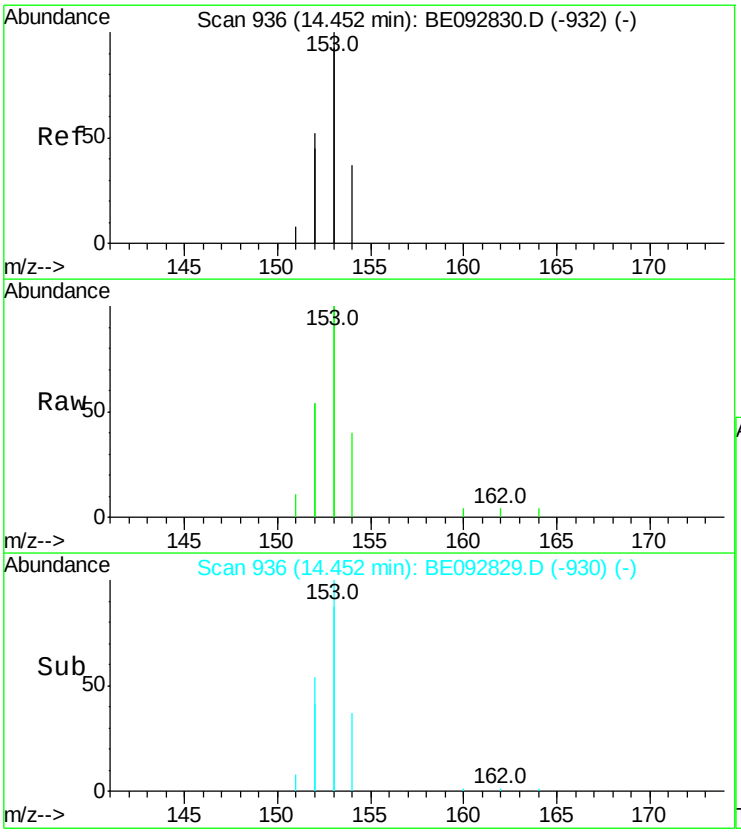
#15
Acenaphthylene
Concen: 0.18 ng
RT: 14.11 min Scan# 916
Delta R.T. 0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 4225

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	13.4	10.4	15.6

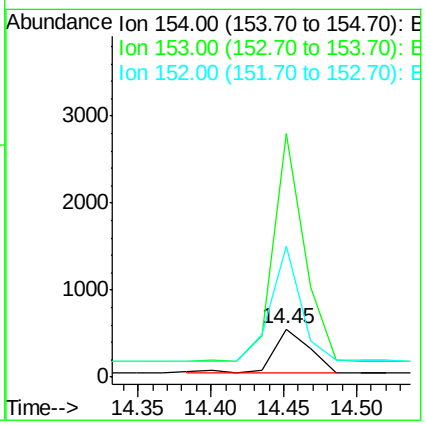


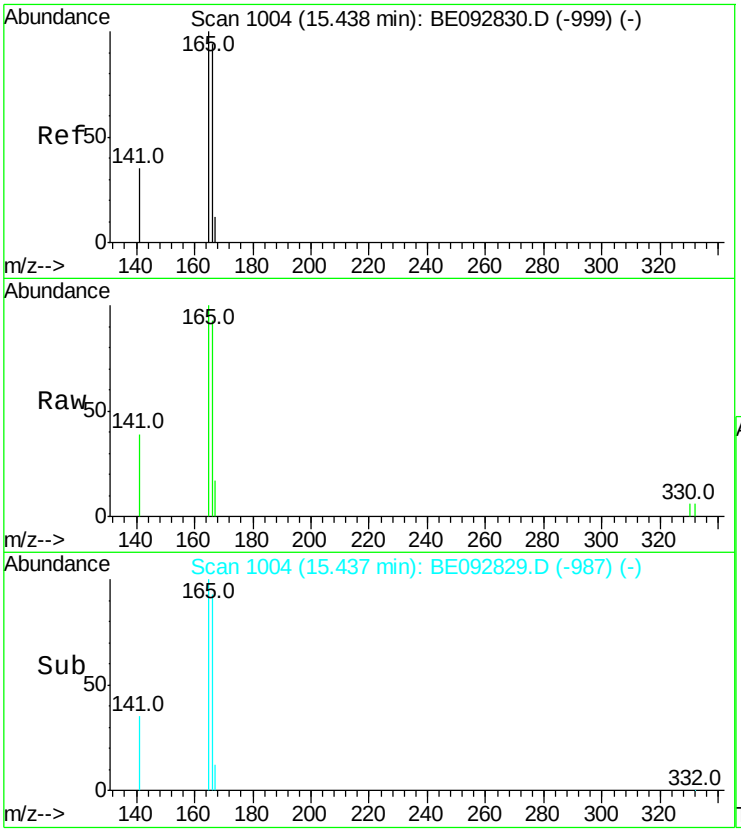


#16
Acenaphthene
Concen: 0.26 ng
RT: 14.45 min Scan# 936
Delta R.T. 0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Tgt Ion:154 Resp: 844

Ion	Ratio	Lower	Upper
154	100		
153	458.5	350.8	526.2
152	224.5	171.1	256.7



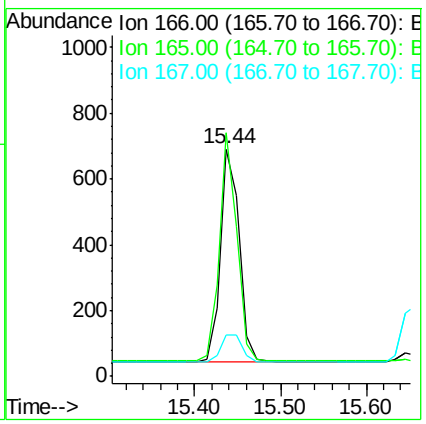


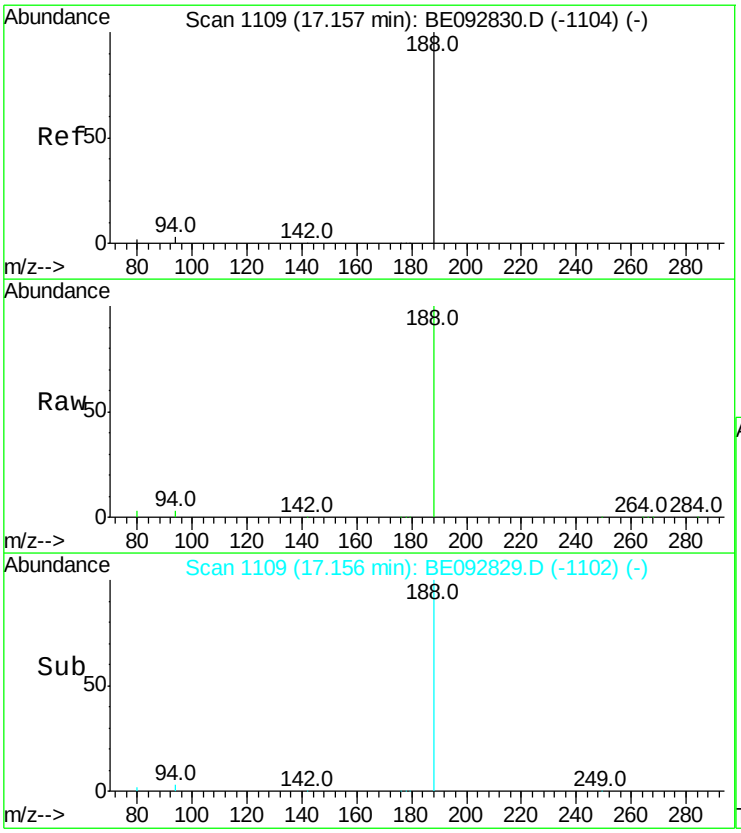
#17
Fluorene
Concen: 0.22 ng
RT: 15.44 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:166 Resp: 979

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.2	117.4
167	14.2	11.0	16.4

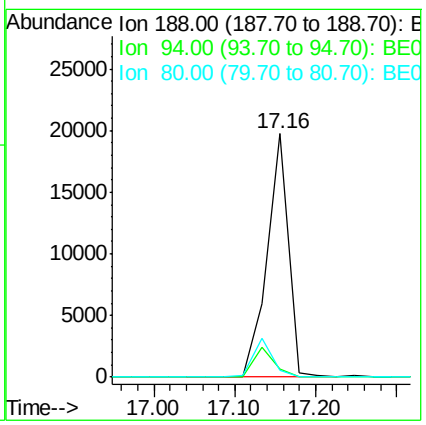


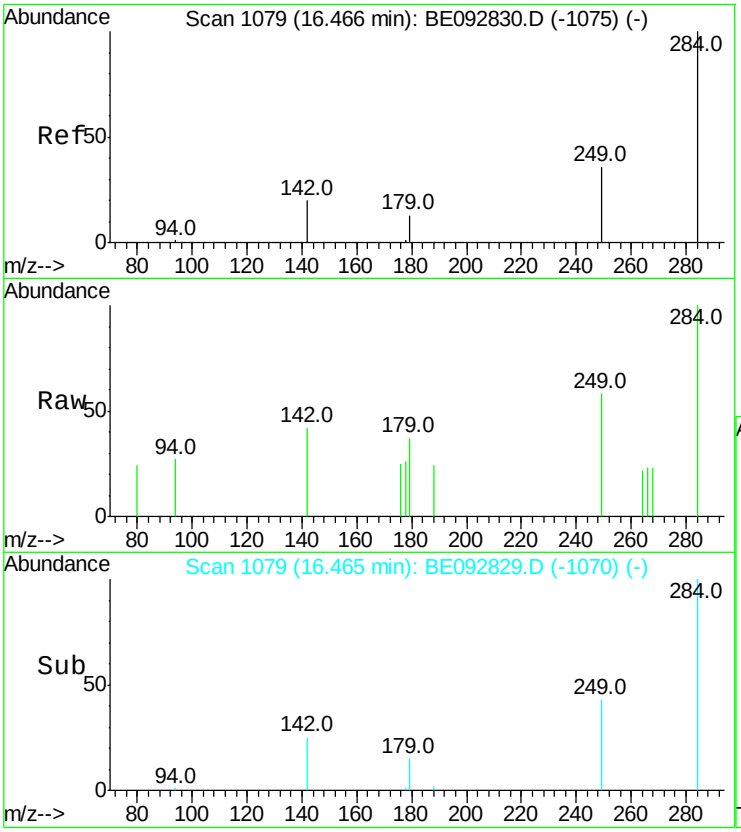


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Tgt Ion:188 Resp: 35867

Ion	Ratio	Lower	Upper
188	100		
94	3.3	3.2	4.8
80	2.7	2.6	3.8



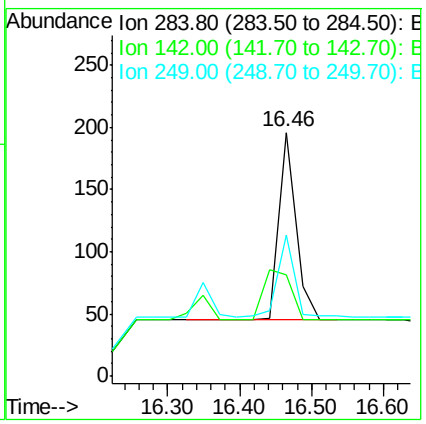


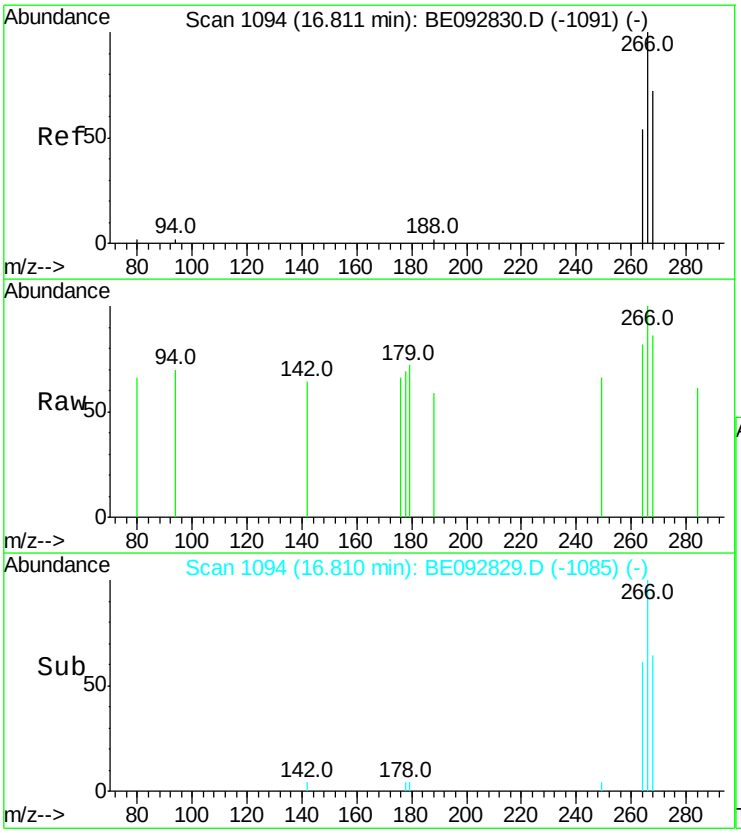
#19
Hexachlorobenzene
Concen: 0.17 ng
RT: 16.46 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 254

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	40.9	27.9	41.9

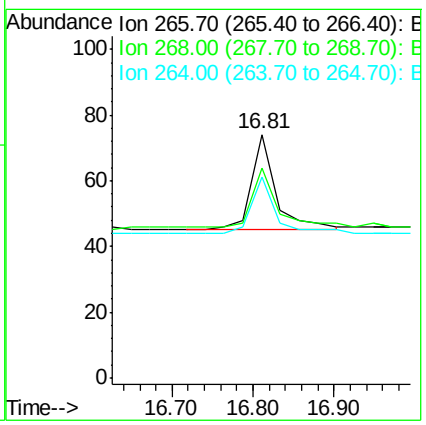


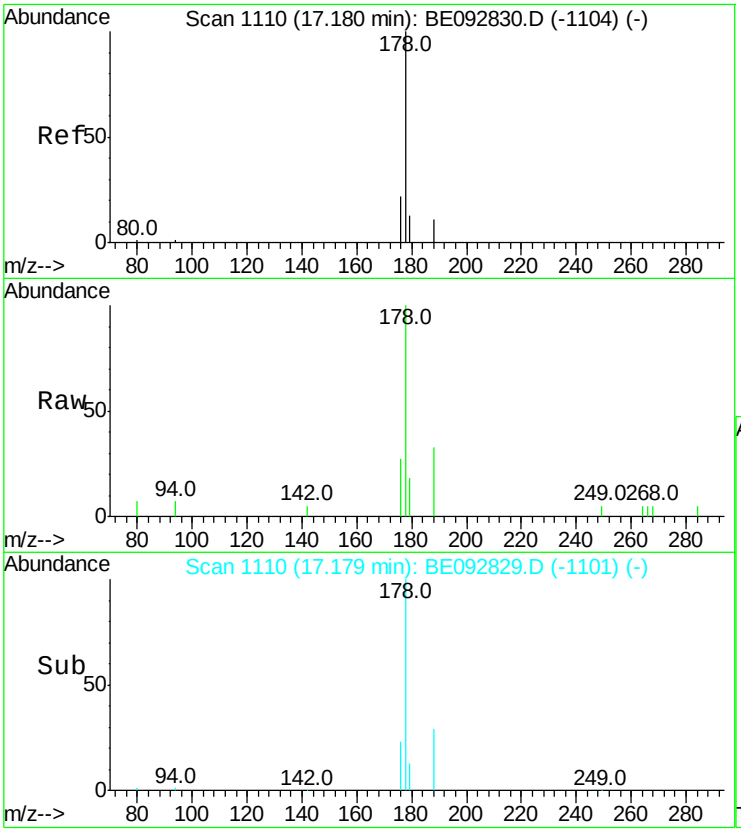


#20
Pentachlorophenol
Concen: 0.13 ng
RT: 16.81 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Tgt Ion:266 Resp: 62

Ion	Ratio	Lower	Upper
266	100		
268	86.5	62.5	93.7
264	82.4	57.2	85.8



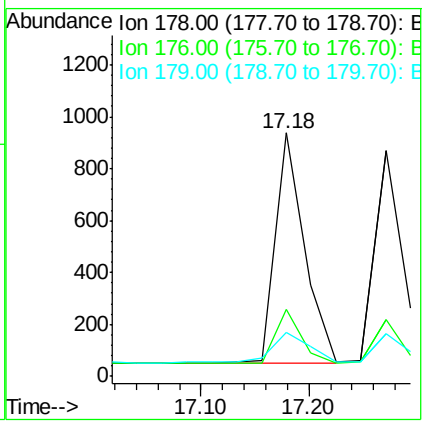


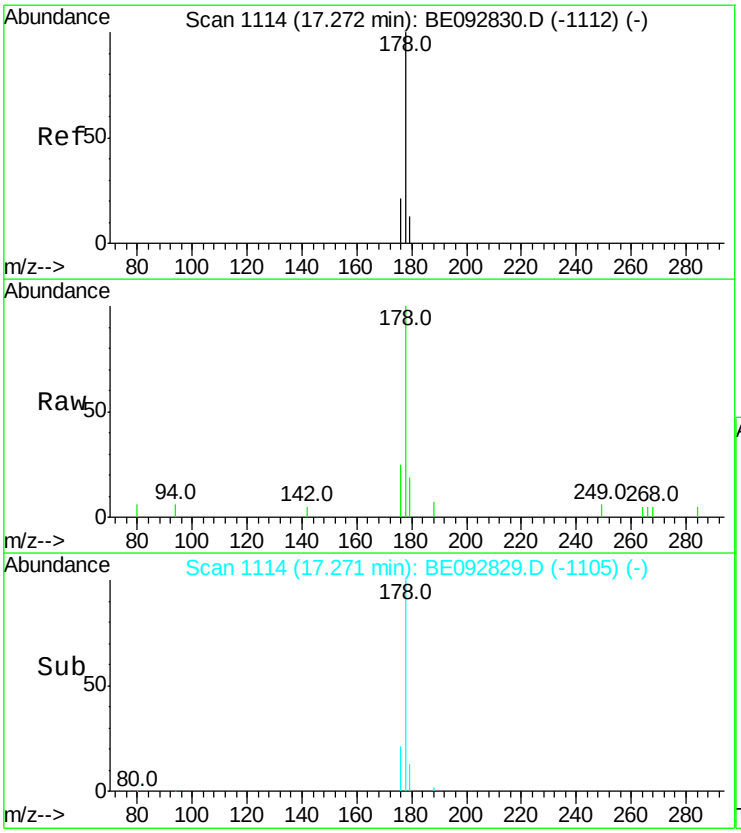
#21
Phenanthrene
Concen: 0.19 ng
RT: 17.18 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 1671

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.8
179	16.8	16.0	24.0

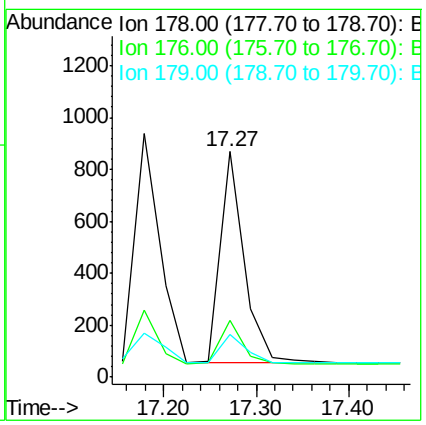


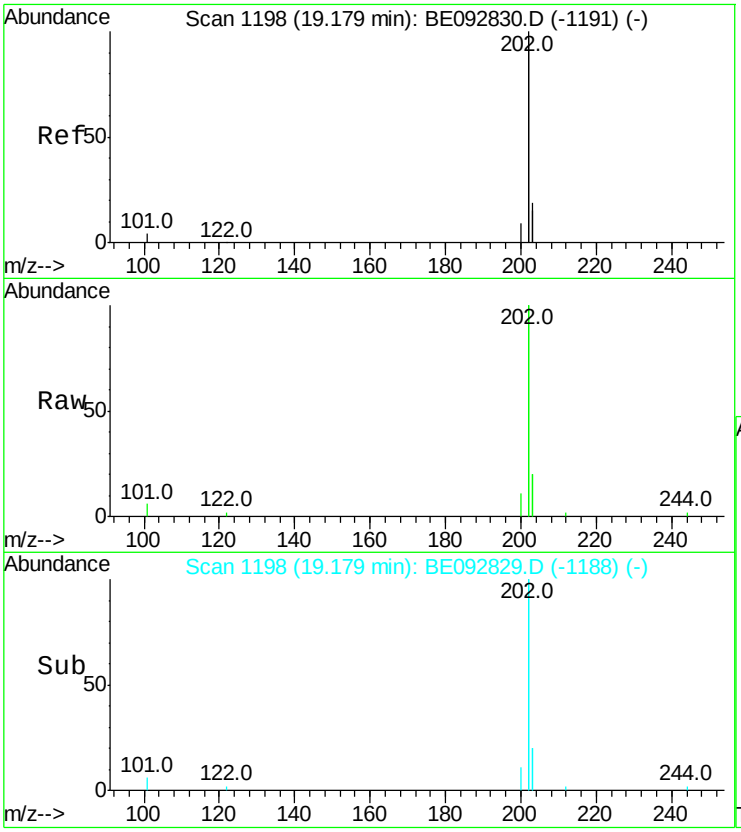


#22
Anthracene
Concen: 0.17 ng
RT: 17.27 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Tgt Ion:178 Resp: 1457

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.0	22.4
179	14.2	12.2	18.2



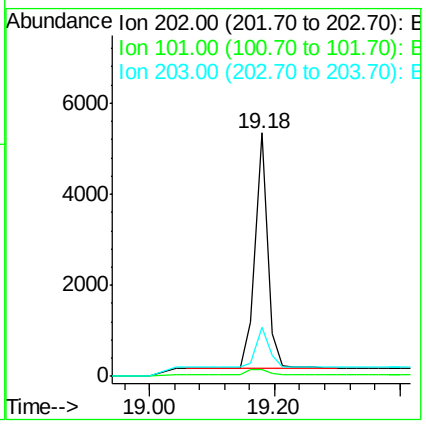


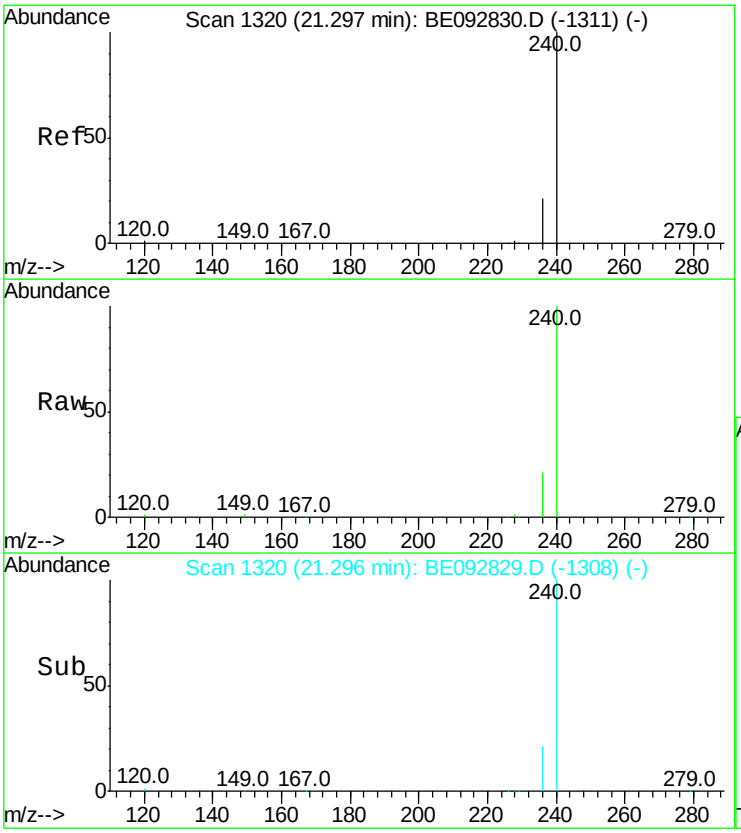
#23
Fluoranthene
Concen: 0.17 ng
RT: 19.18 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 7263

Ion	Ratio	Lower	Upper
202	100		
101	3.1	2.2	3.4
203	17.4	13.7	20.5

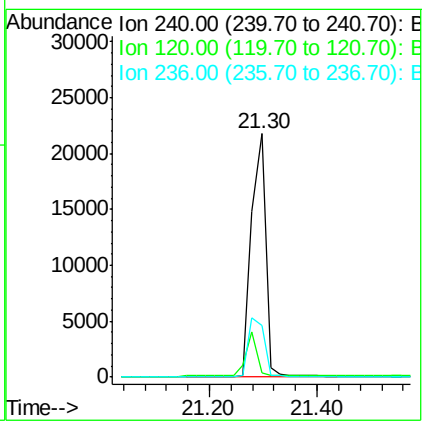


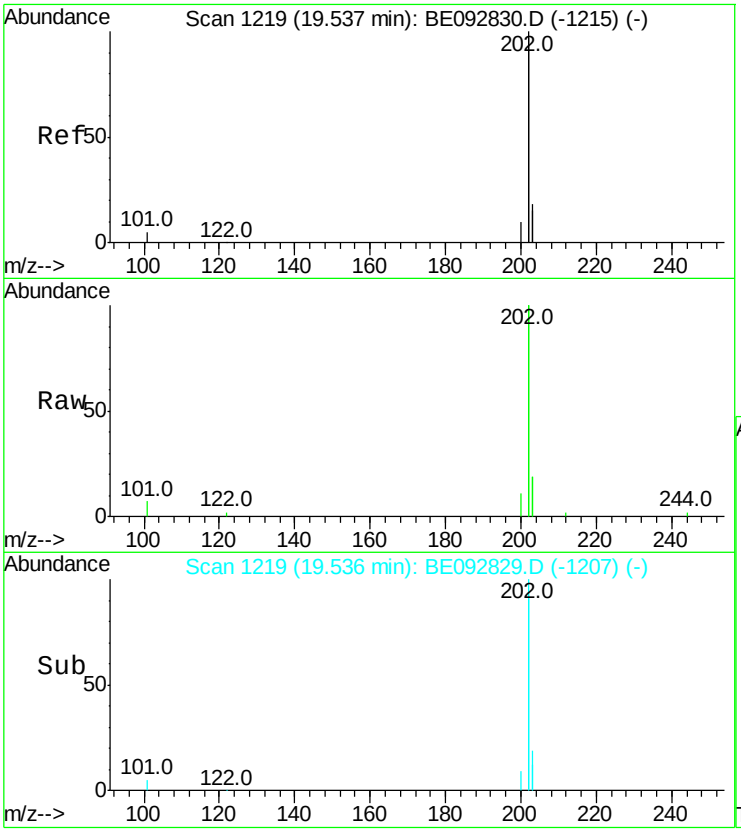


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.30 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Tgt Ion:240 Resp: 39520

Ion	Ratio	Lower	Upper
240	100		
120	1.5	2.6	4.0#
236	21.4	24.6	37.0#



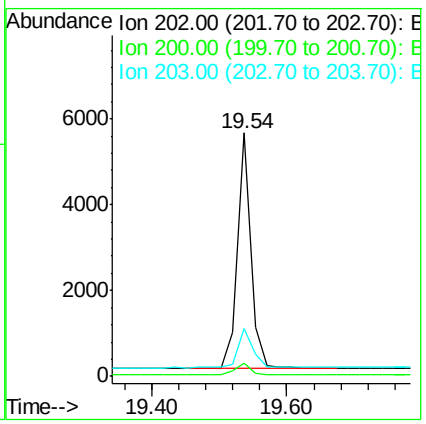


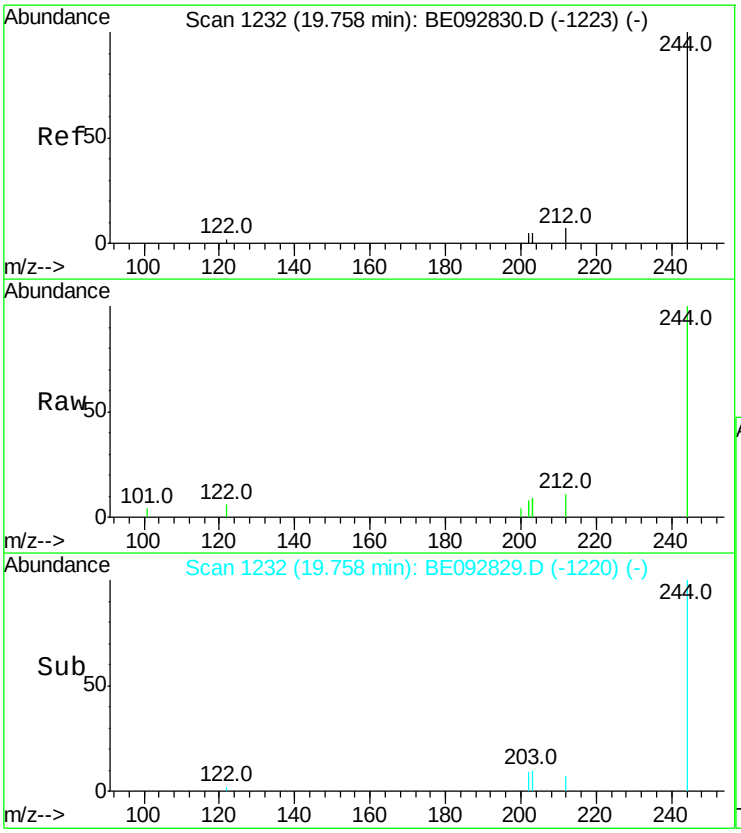
#25
Pyrene
Concen: 0.21 ng
RT: 19.54 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 7672

Ion	Ratio	Lower	Upper
202	100		
200	5.1	4.2	6.4
203	18.8	13.9	20.9

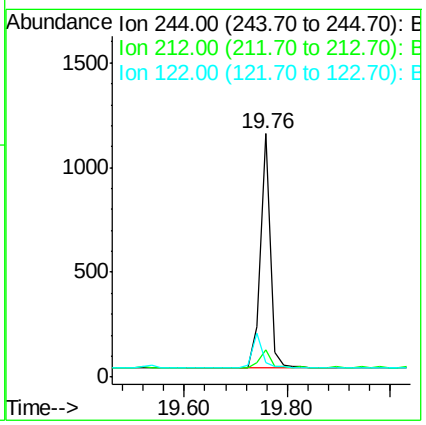


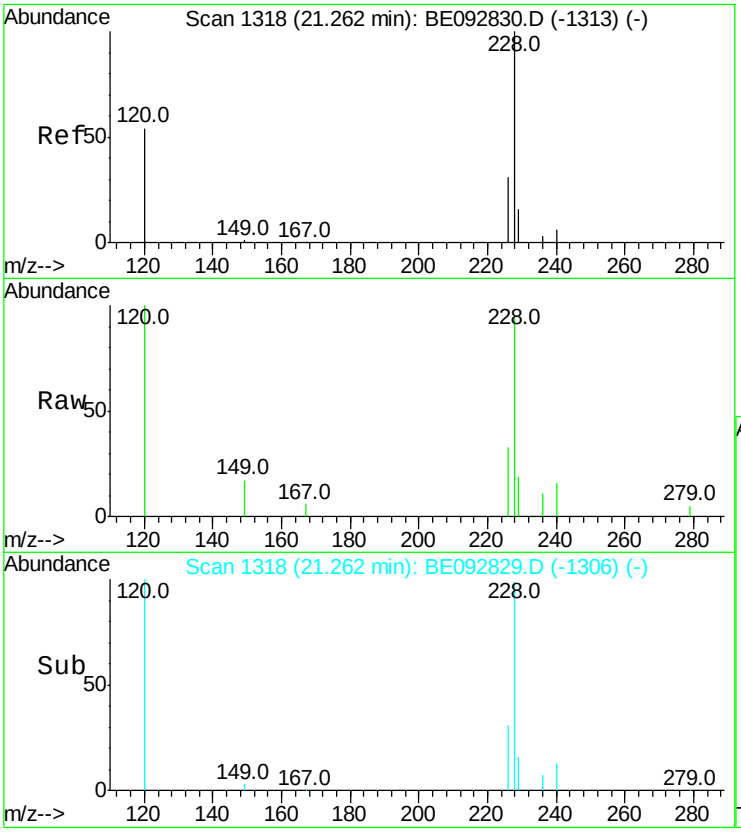


#26
Terphenyl-d14
Concen: 0.30 ng
RT: 19.76 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Tgt Ion:244 Resp: 1454

Ion	Ratio	Lower	Upper
244	100		
212	11.1	6.7	10.1#
122	6.0	3.6	5.4#



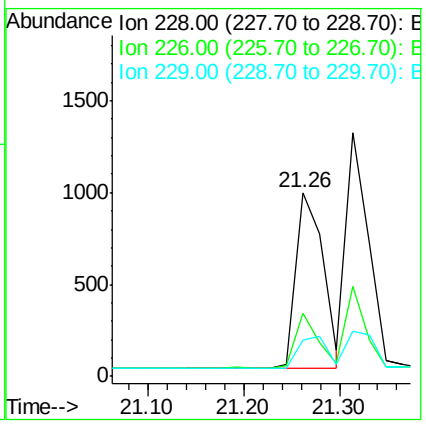


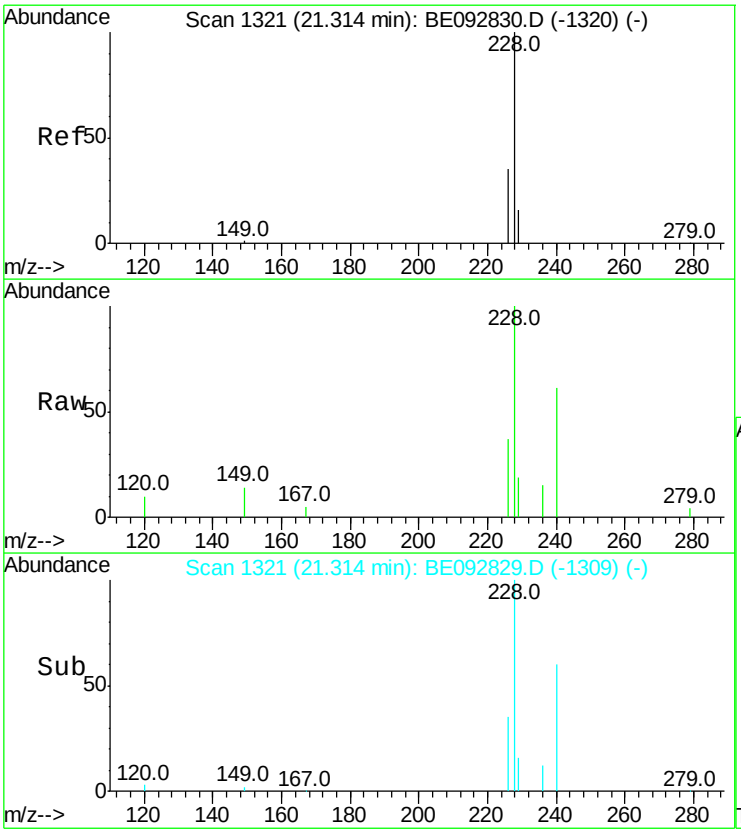
#27
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.26 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 1877

Ion	Ratio	Lower	Upper
228	100		
226	34.6	23.6	35.4
229	19.8	13.3	19.9

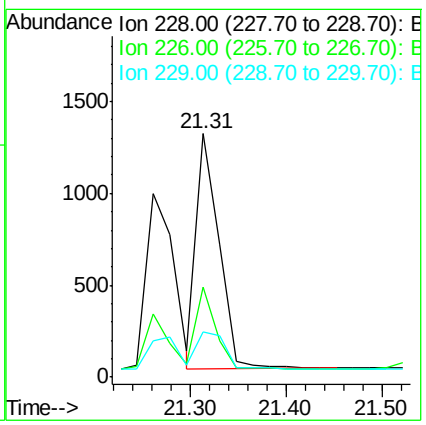


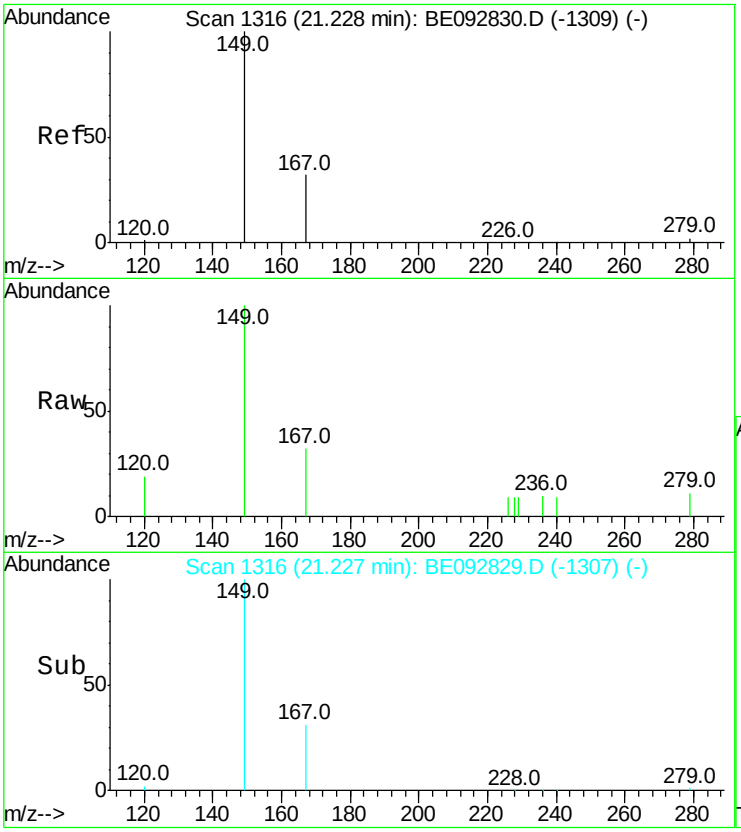


#28
Chrysene
Concen: 0.06 ng
RT: 21.31 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Tgt Ion:228 Resp: 2101

Ion	Ratio	Lower	Upper
228	100		
226	37.2	36.3	54.5
229	18.6	10.6	16.0#



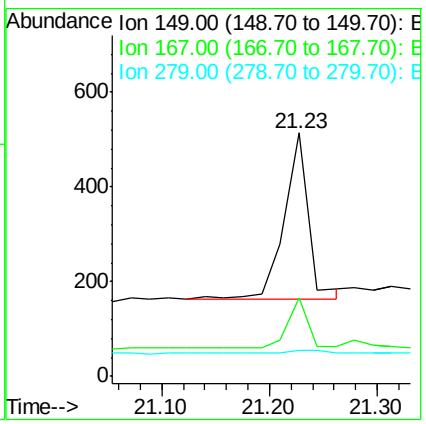


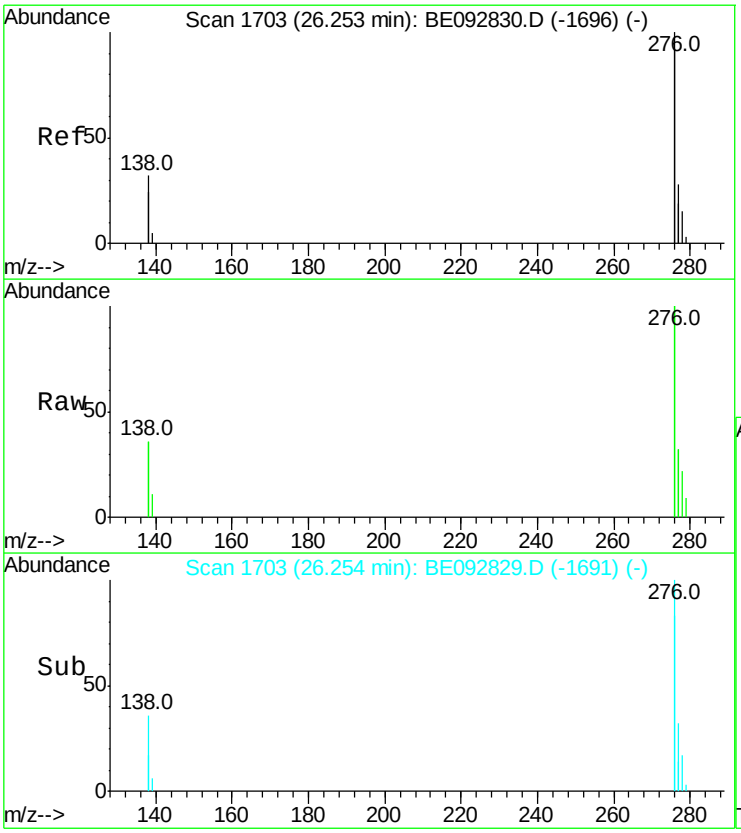
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.13 ng
RT: 21.23 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:149 Resp: 554

Ion	Ratio	Lower	Upper
149	100		
167	26.2	16.0	24.0#
279	2.9	16.0	24.0#

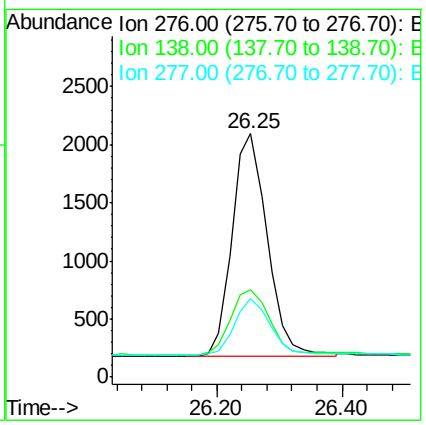


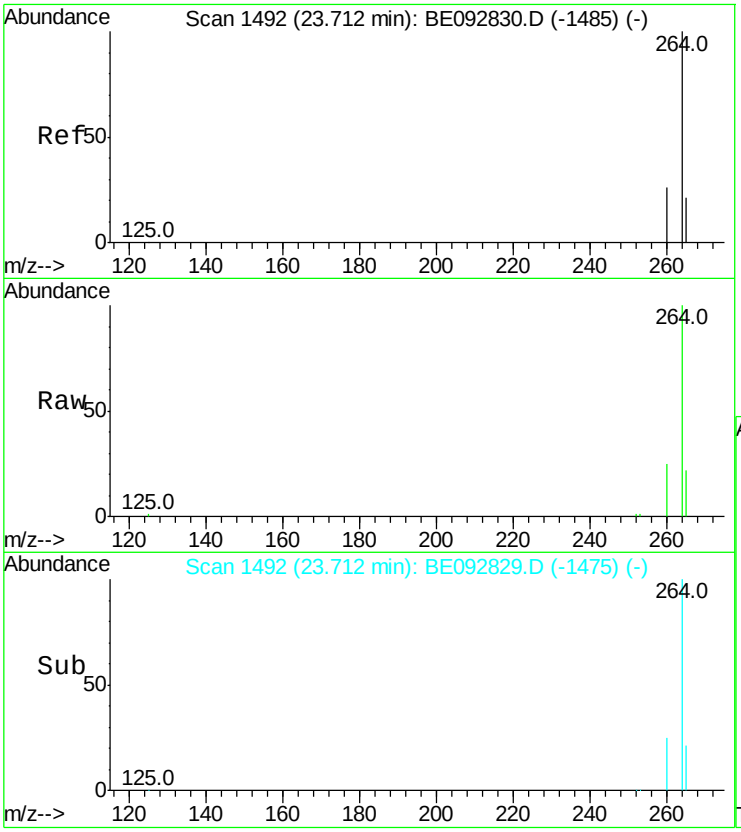


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.19 ng
RT: 26.25 min Scan# 1703
Delta R.T. 0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Tgt Ion:276 Resp: 7539

Ion	Ratio	Lower	Upper
276	100		
138	31.6	20.3	30.5#
277	25.2	19.7	29.5



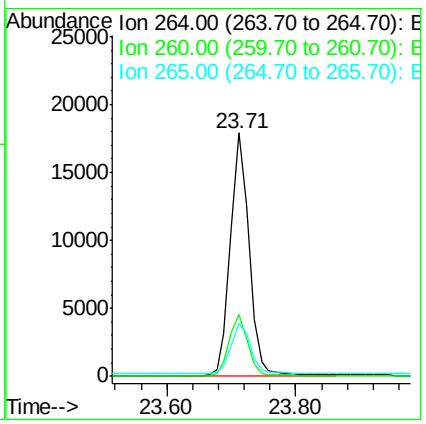


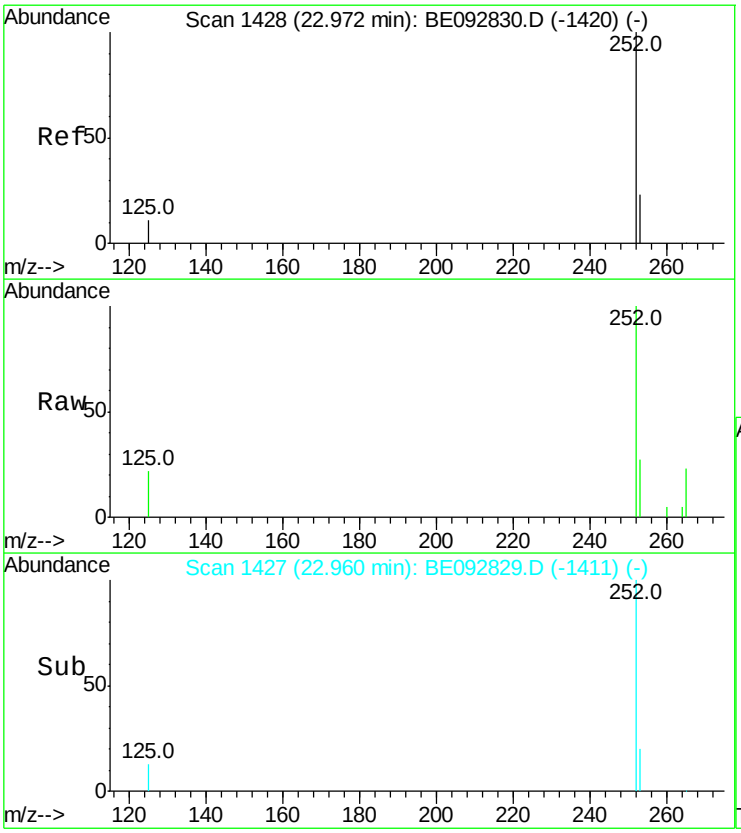
#31
Perylene-d12
Concen: 5.00 ng
RT: 23.71 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 35768

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.1	30.1
265	22.0	17.9	26.9

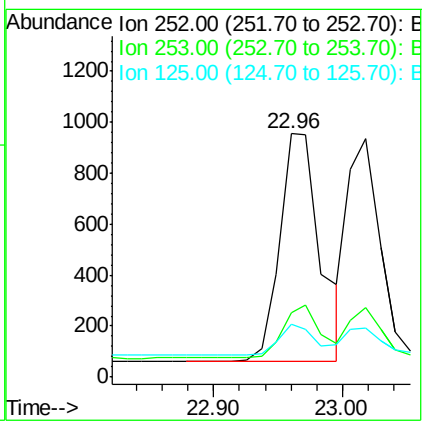


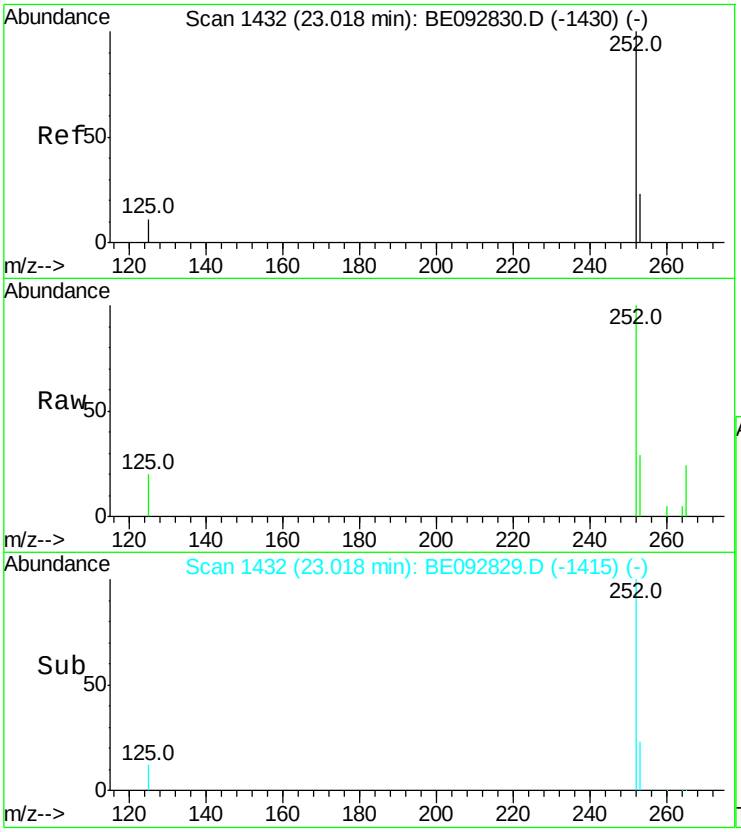


#32
Benzo(b)fluoranthene
Concen: 0.21 ng
RT: 22.96 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Tgt Ion:252 Resp: 1955

Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.7	28.1
125	21.5	10.5	15.7#



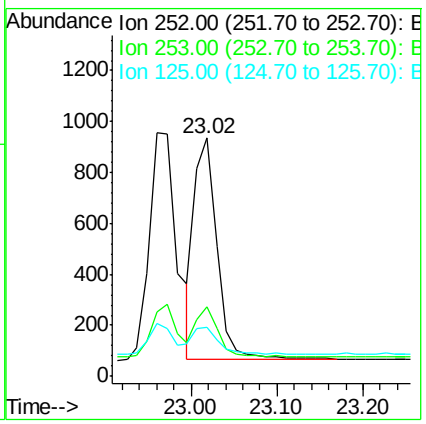


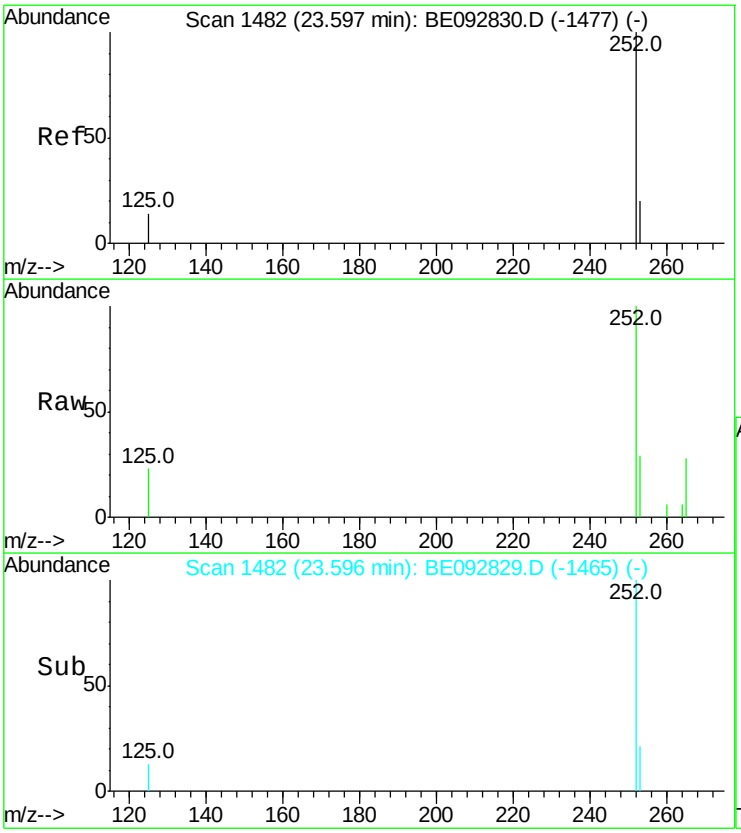
#33
Benzo(k)fluoranthene
Concen: 0.16 ng
RT: 23.02 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 1577

Ion	Ratio	Lower	Upper
252	100		
253	29.4	20.3	30.5
125	20.3	9.6	14.4#

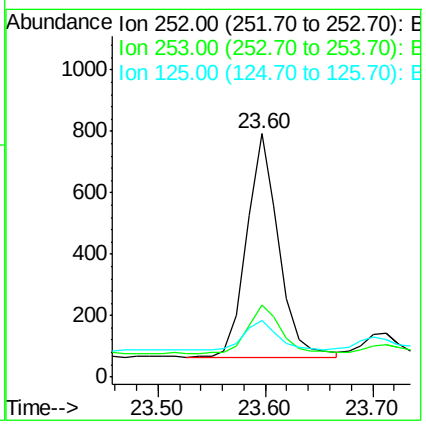


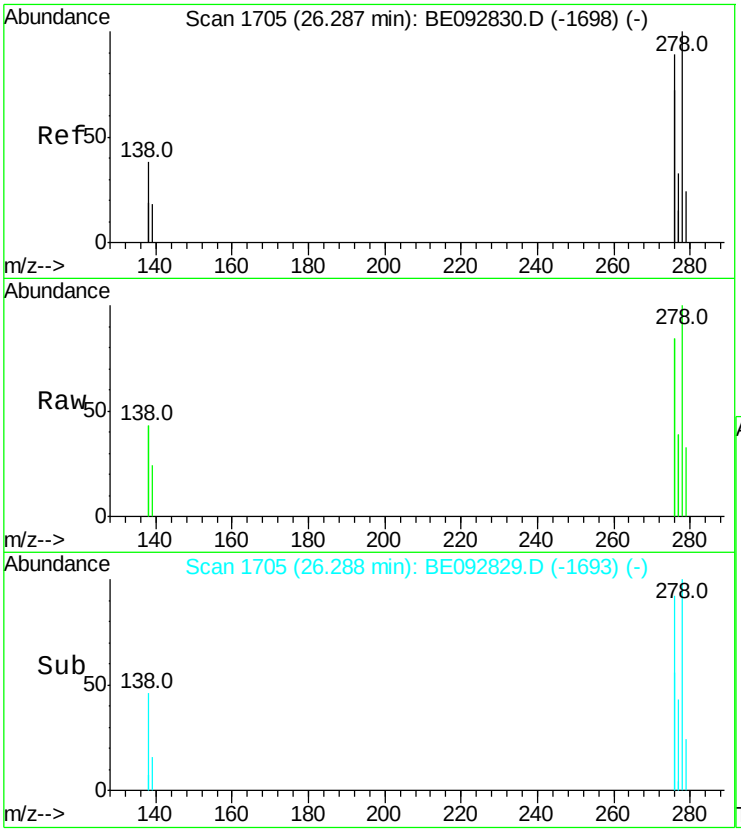


#34
Benzo(a)pyrene
Concen: 0.17 ng
RT: 23.60 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Tgt Ion:252 Resp: 1494

Ion	Ratio	Lower	Upper
252	100		
253	29.4	19.0	28.6#
125	23.5	11.8	17.8#



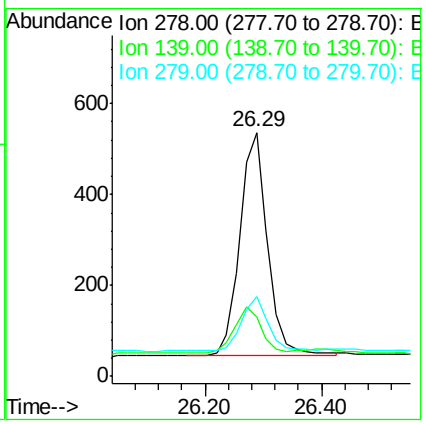


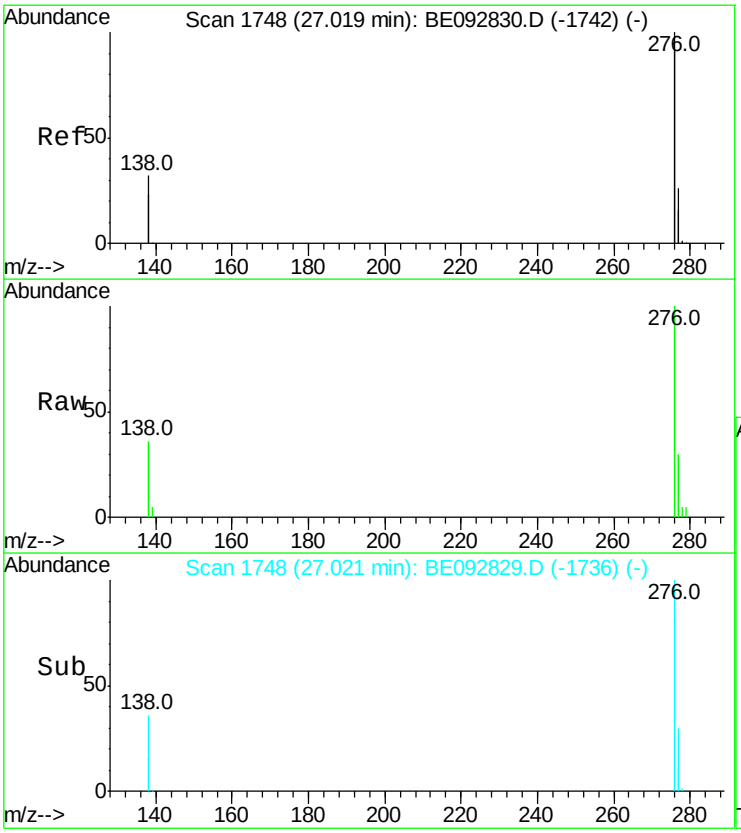
#35
Dibenzo(a,h)anthracene
Concen: 0.20 ng
RT: 26.29 min Scan# 1705
Delta R.T. 0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:278 Resp: 1631

Ion	Ratio	Lower	Upper
278	100		
139	24.4	13.8	20.8#
279	32.8	21.4	32.2#





#36
Benzo(g,h,i)perylene
Concen: 0.20 ng
RT: 27.02 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BE092829.D
Acq: 28 Mar 2017 10:09

Tgt Ion:276 Resp: 6997

Ion	Ratio	Lower	Upper
276	100		
277	29.8	19.8	29.8#
138	35.6	19.8	29.6#