Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090116\
Data File : BE092324.D
Acq On : 1 Sep 2016 12:07
Operator : UM/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Sep 02 03:16:45 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	8.16	152	9388	5.00	ng		-0.02
7) Naphthalene-d8	10.95	136	44869	5.00	ng		0.00
12) Acenaphthene-d10	14.82	164	27509	5.00	ng		-0.02
18) Phenanthrene-d10	17.58	188	72712	5.00	ng		0.00
24) Chrysene-d12	21.75	240	89846	5.00	ng		0.00
31) Perylene-d12	24.12	264	97751	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.68	112	302	0.14	ng		-0.01
5) Phenol-d6	7.36	99	397	0.14	ng		0.00
8) Nitrobenzene-d5	9.34	82	495	0.17	ng		-0.02
13) 2,4,6-Tribromophenol	16.32	330	135	0.17	ng		0.00
14) 2-Fluorobiphenyl	13.45	172	1025	0.12	ng		0.00
26) Terphenyl-d14	20.19	244	1877	0.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	160	0.12	ng	#	75
3) n-Nitrosodimethylamine	3.78	42	235	0.17	ng	#	84
6) bis(2-Chloroethyl)ether	7.59	93	315	0.14	ng	#	93
9) Naphthalene	11.01	128	1167	0.12	ng	#	87
10) Hexachlorobutadiene	11.30	225	183	0.12	ng		98
11) 2-Methylnaphthalene	12.64	142	736	0.12	ng		96
15) Acenaphthylene	14.53	152	5549	0.12	ng		99
16) Acenaphthene	14.88	154	1009	0.13	ng		89
17) Fluorene	15.87	166	1212	0.13	ng		99
19) Hexachlorobenzene	16.89	284	382	0.13	ng		97
20) Pentachlorophenol	17.26	266	131	0.17	ng		91
21) Phenanthrene	17.62	178	2176	0.13	ng	#	57
22) Anthracene	17.72	178	1955	0.12	ng		96
23) Fluoranthene	19.61	202	11187	0.14	ng	#	92
25) Pyrene	19.97	202	11580	0.14	ng		98
27) Benzo(a)anthracene	21.72	228	16335	0.17	ng	#	90
28) Chrysene	21.72	228	16335	0.19	ng	#	90
29) Bis(2-ethylhexyl)phthalate	21.66	149	77008	11.96	ng	#	100
30) Indeno(1,2,3-cd)pyrene	26.63	276	13209	0.15	ng		98
32) Benzo(b)fluoranthene	23.39	252	3201	0.14	ng	#	46
33) Benzo(k)fluoranthene	23.44	252	3199	0.12	ng	#	54
34) Benzo(a)pyrene	24.02	252	2988	0.13	ng	#	31
35) Dibenzo(a,h)anthracene	26.65	278	2691	0.13	ng	#	70
36) Benzo(g,h,i)perylene	27.40	276	11338	0.12	ng	#	86

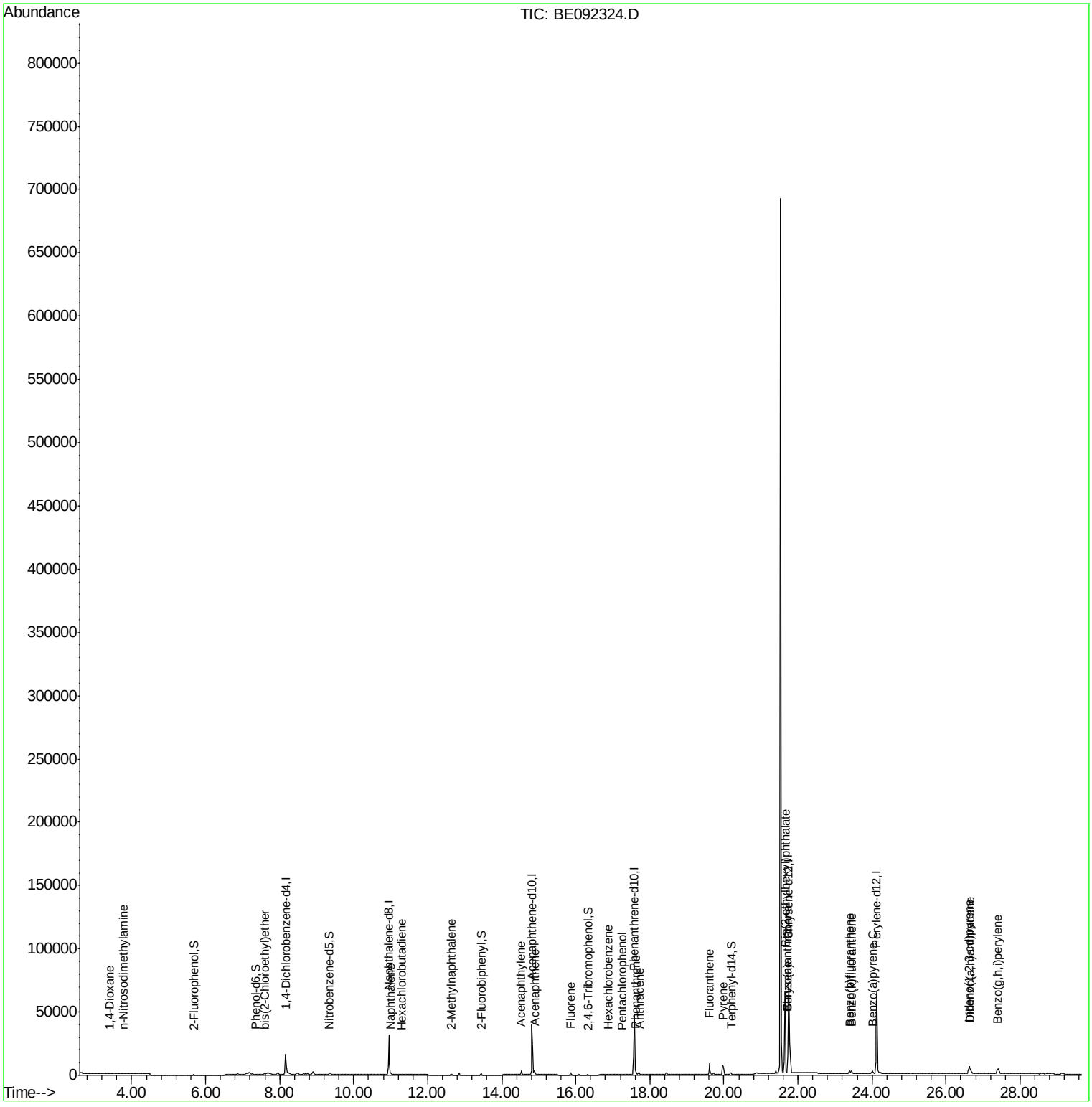
(#) = qualifier out of range (m) = manual integration (+) = signals summed

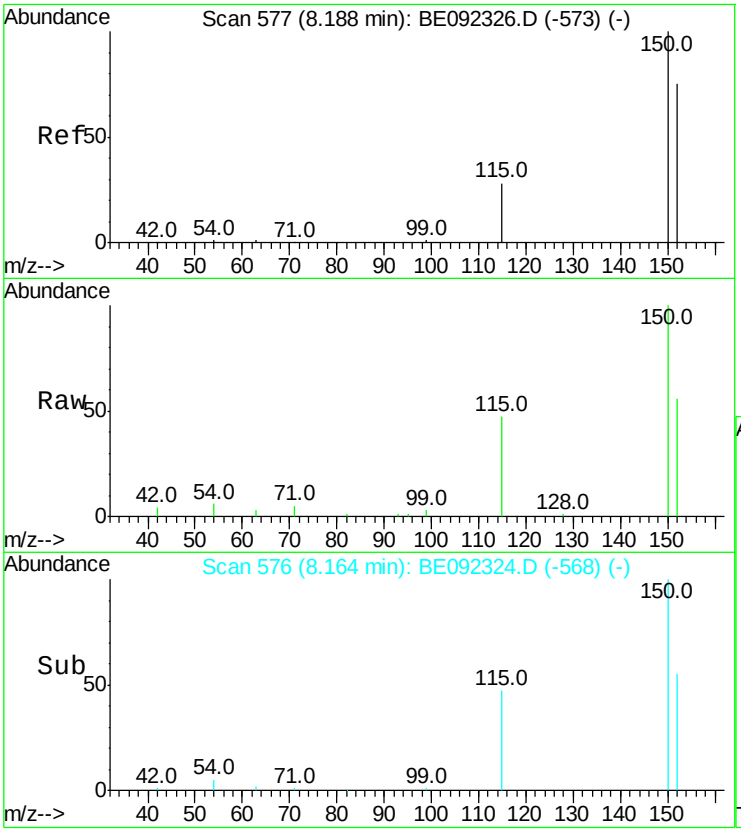
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090116\
Data File : BE092324.D
Acq On : 1 Sep 2016 12:07
Operator : UM/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Sep 02 03:16:45 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



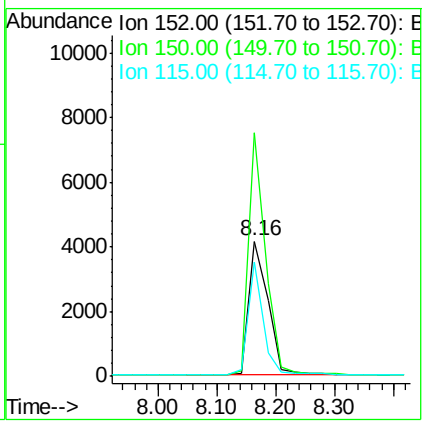


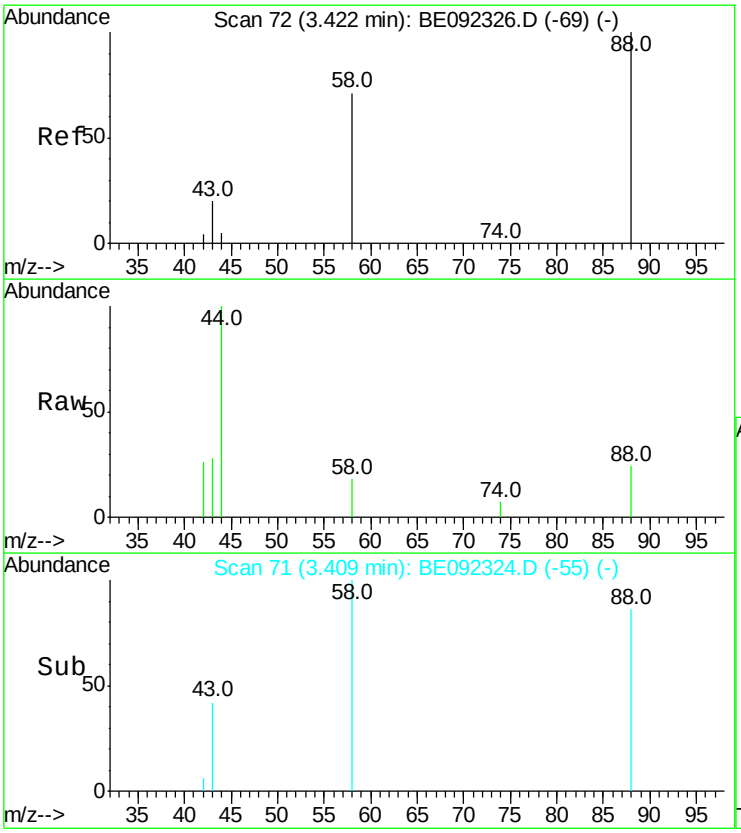
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 9388

Ion	Ratio	Lower	Upper
152	100		
150	180.1	106.0	159.0#
115	85.0	31.2	46.8#

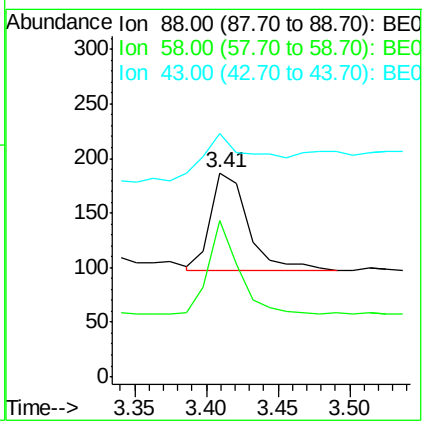


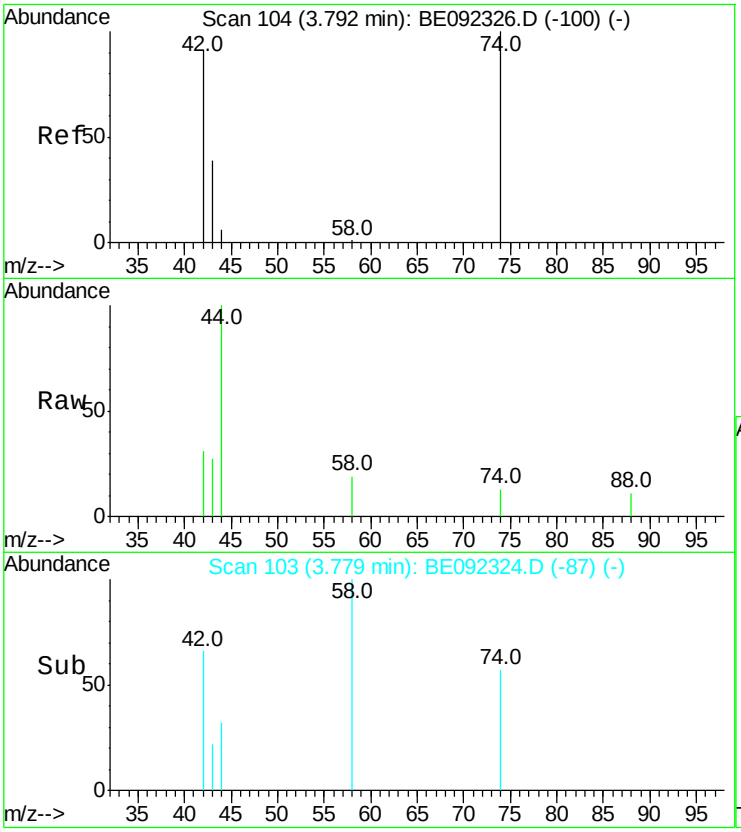


#2
1,4-Dioxane
Concen: 0.12 ng
RT: 3.41 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Tgt Ion: 88 Resp: 160

Ion	Ratio	Lower	Upper
88	100		
58	80.6	63.6	95.4
43	80.6	28.0	42.0#



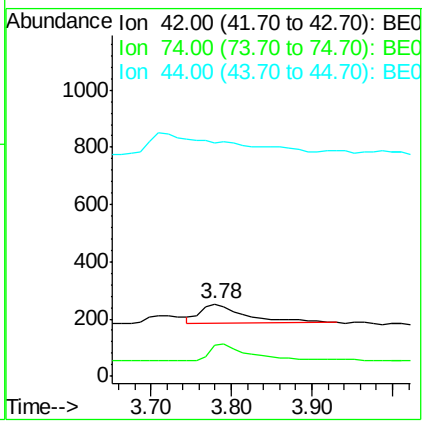


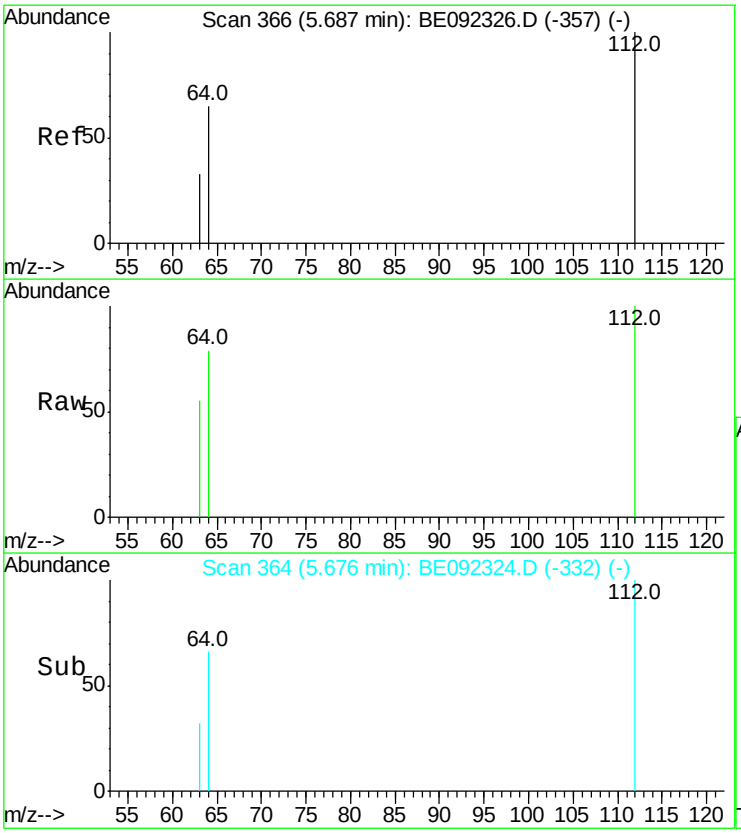
#3
n-Nitrosodimethylamine
Concen: 0.17 ng
RT: 3.78 min Scan# 103
Delta R.T. -0.01 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 235

Ion	Ratio	Lower	Upper
42	100		
74	91.5	86.0	129.0
44	0.0	5.1	7.7#

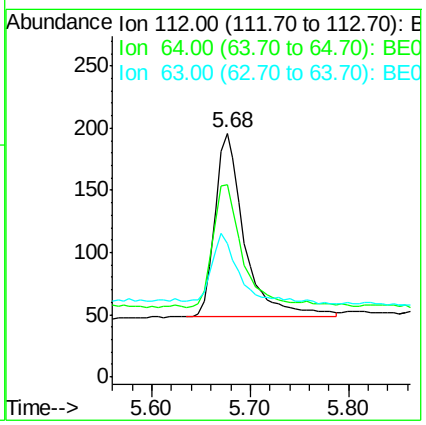


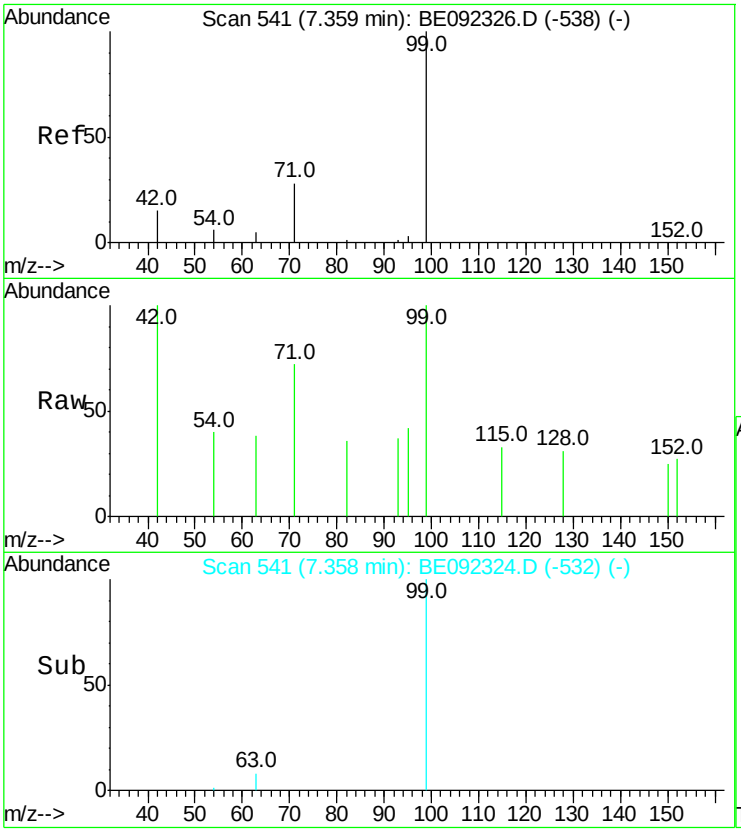


#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.68 min Scan# 364
Delta R.T. -0.01 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Tgt Ion:112 Resp: 302

Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.5	80.3
63	36.8	27.9	41.9



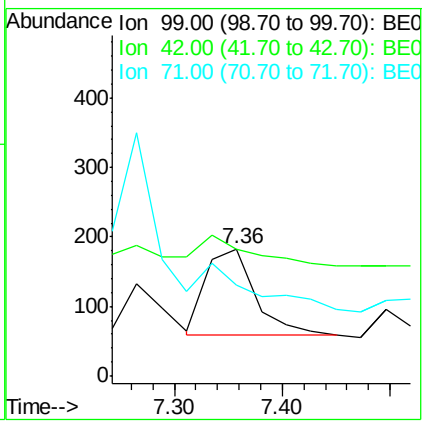


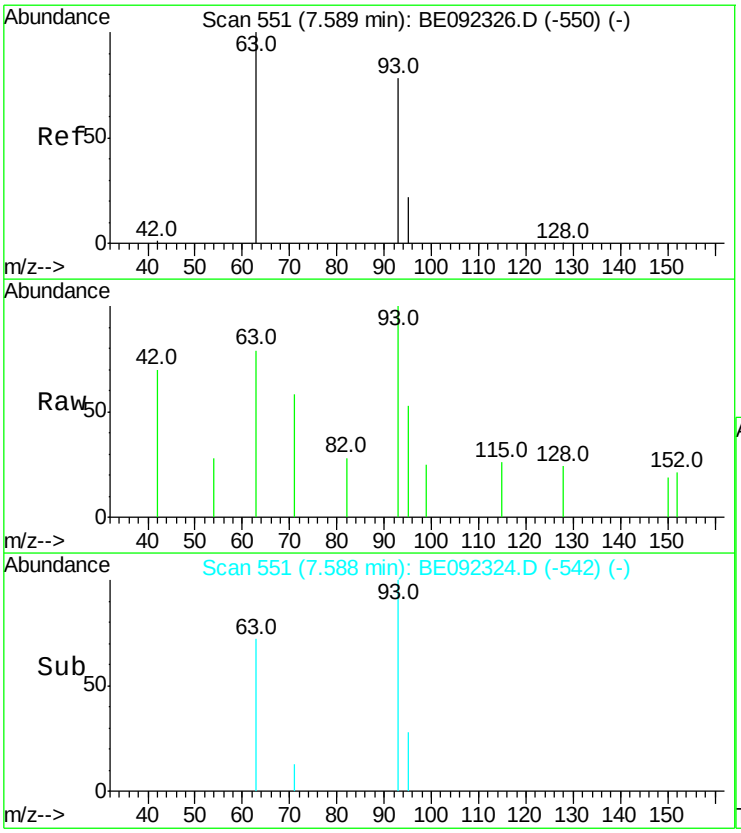
#5
Phenol-d6
Concen: 0.14 ng
RT: 7.36 min Scan# 541
Delta R.T. -0.00 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 397

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

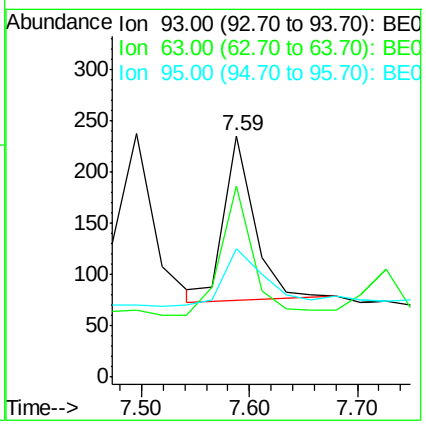


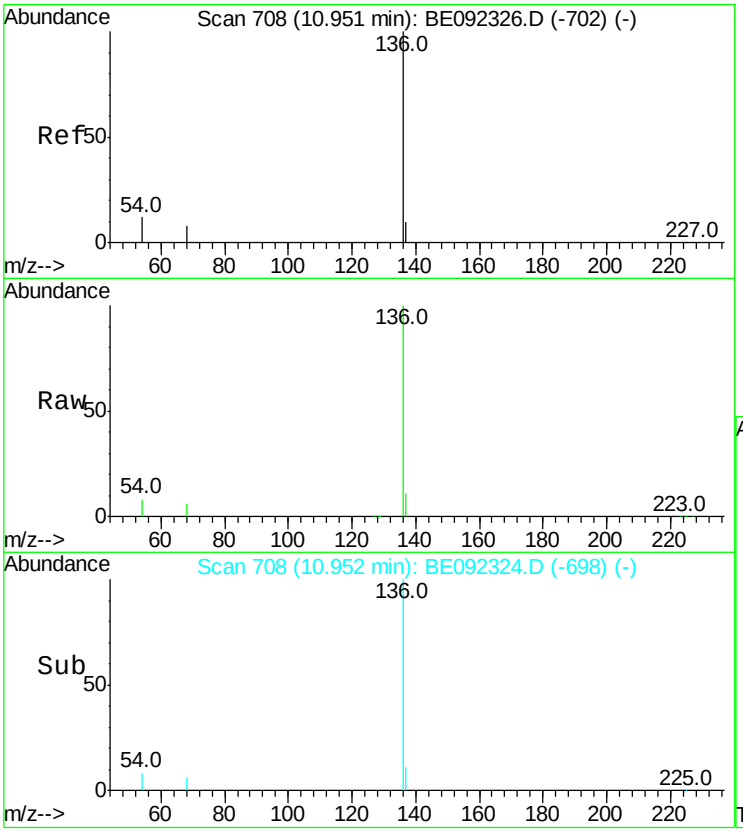


#6
bis(2-Chloroethyl)ether
Concen: 0.14 ng
RT: 7.59 min Scan# 551
Delta R.T. -0.00 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Tgt Ion: 93 Resp: 315

Ion	Ratio	Lower	Upper
93	100		
63	96.2	71.6	107.4
95	50.2	0.0	0.0#



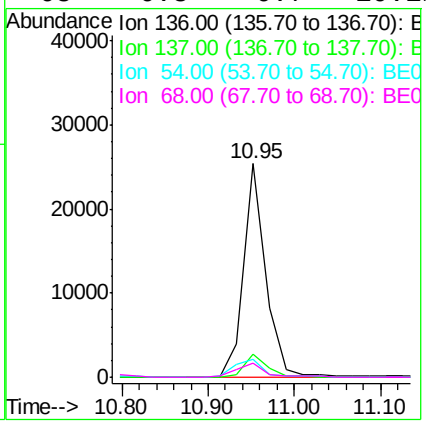


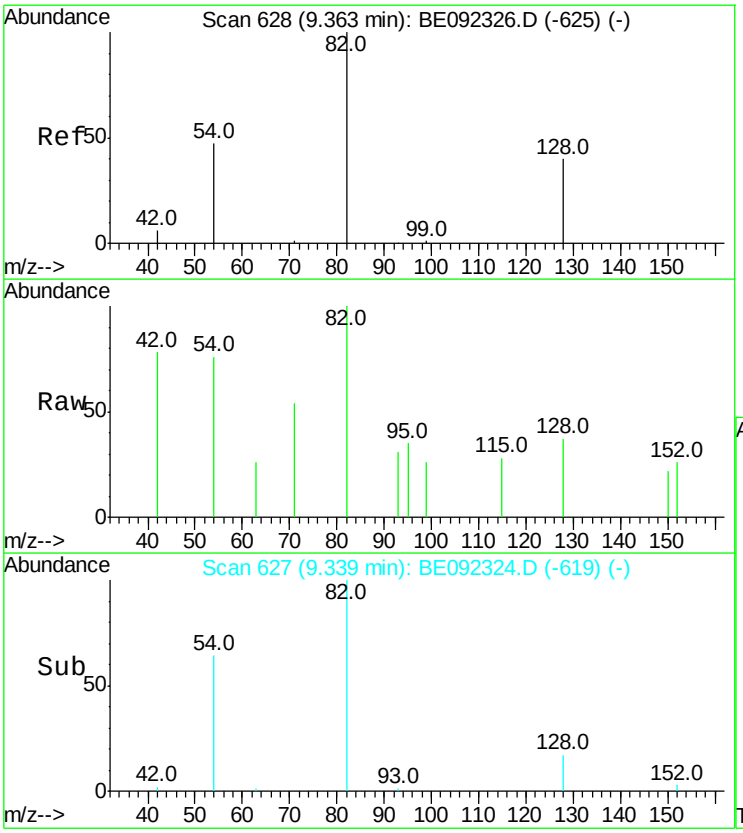
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 44869

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	8.4	9.6	14.4#
68	6.3	6.7	10.1#

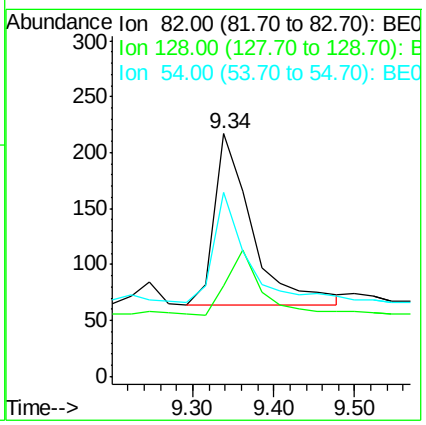


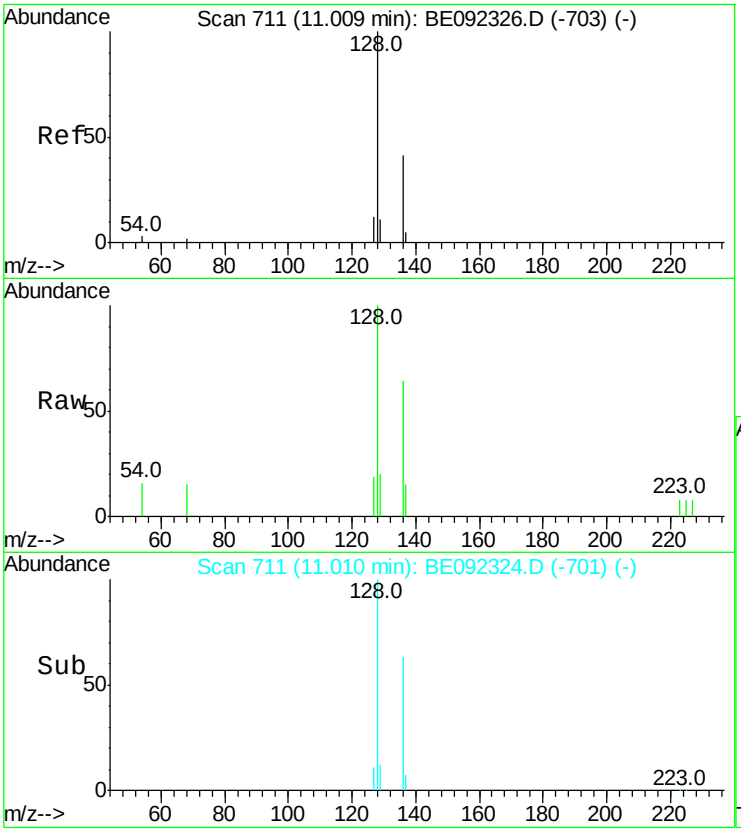


#8
Nitrobenzene-d5
Concen: 0.17 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Tgt Ion: 82 Resp: 495

Ion	Ratio	Lower	Upper
82	100		
128	37.3	39.0	58.4#
54	76.0	44.8	67.2#



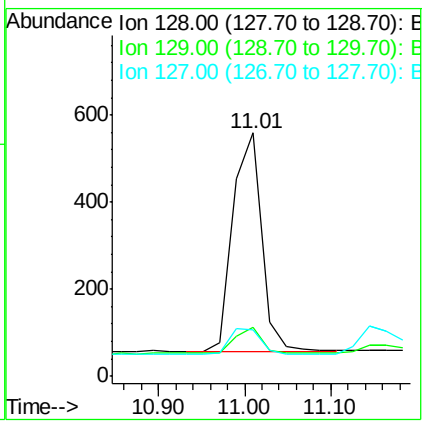


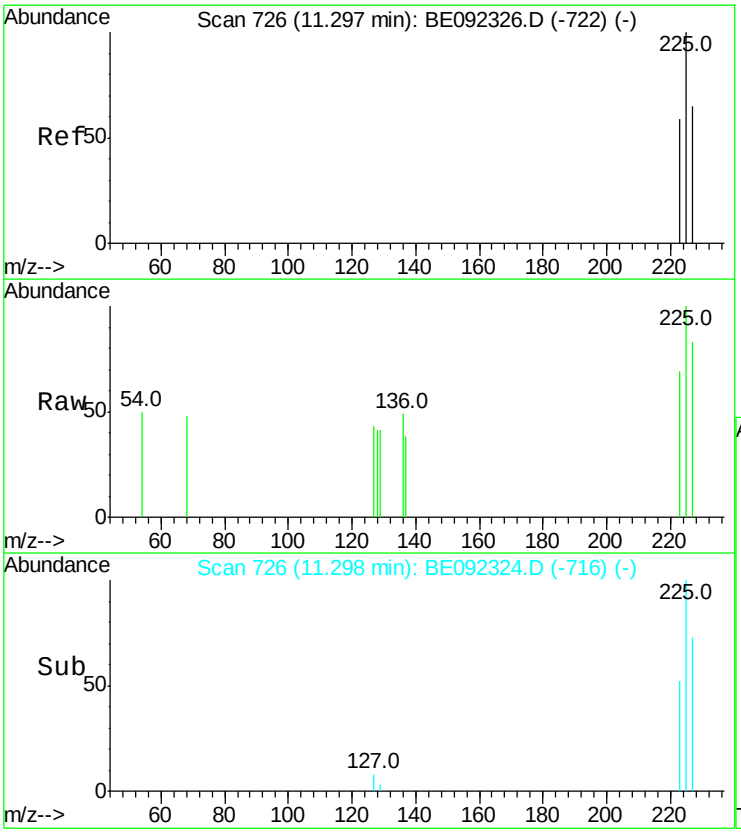
#9
Naphthalene
Concen: 0.12 ng
RT: 11.01 min Scan# 711
Delta R.T. 0.00 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 1167

Ion	Ratio	Lower	Upper
128	100		
129	20.2	11.2	16.8#
127	19.1	11.6	17.4#

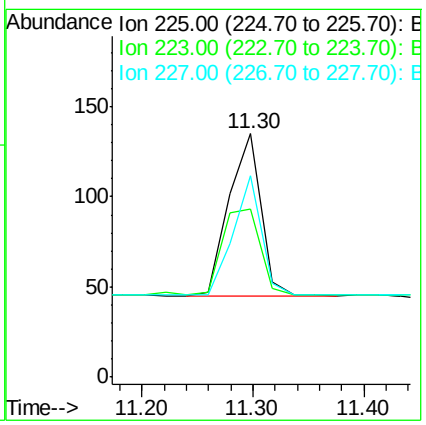


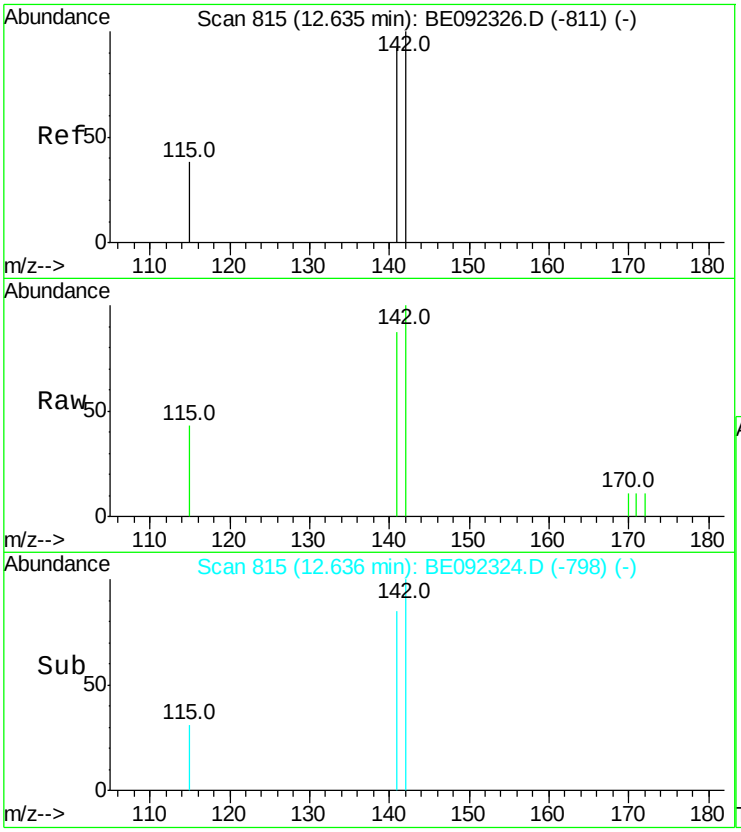


#10
Hexachlorobutadiene
Concen: 0.12 ng
RT: 11.30 min Scan# 726
Delta R.T. 0.00 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Tgt Ion:225 Resp: 183

Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.6	76.0
227	62.8	51.4	77.0



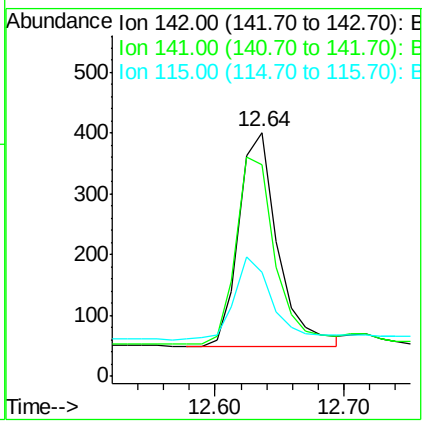


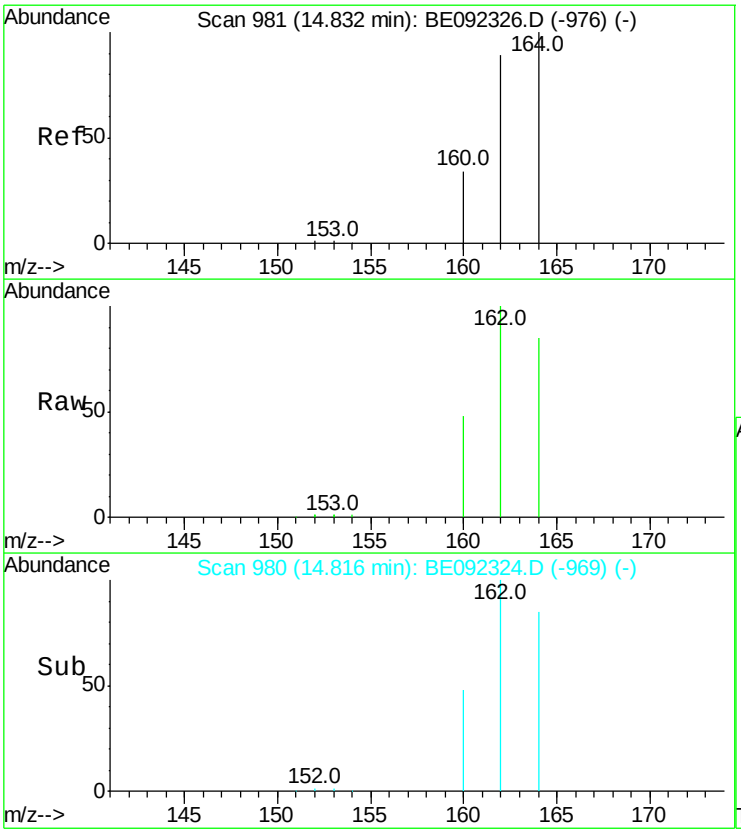
#11
2-Methylnaphthalene
Concen: 0.12 ng
RT: 12.64 min Scan# 815
Delta R.T. 0.00 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 736

Ion	Ratio	Lower	Upper
142	100		
141	87.0	73.7	110.5
115	42.9	34.0	51.0

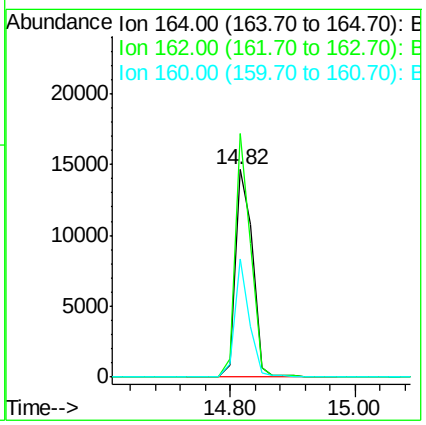


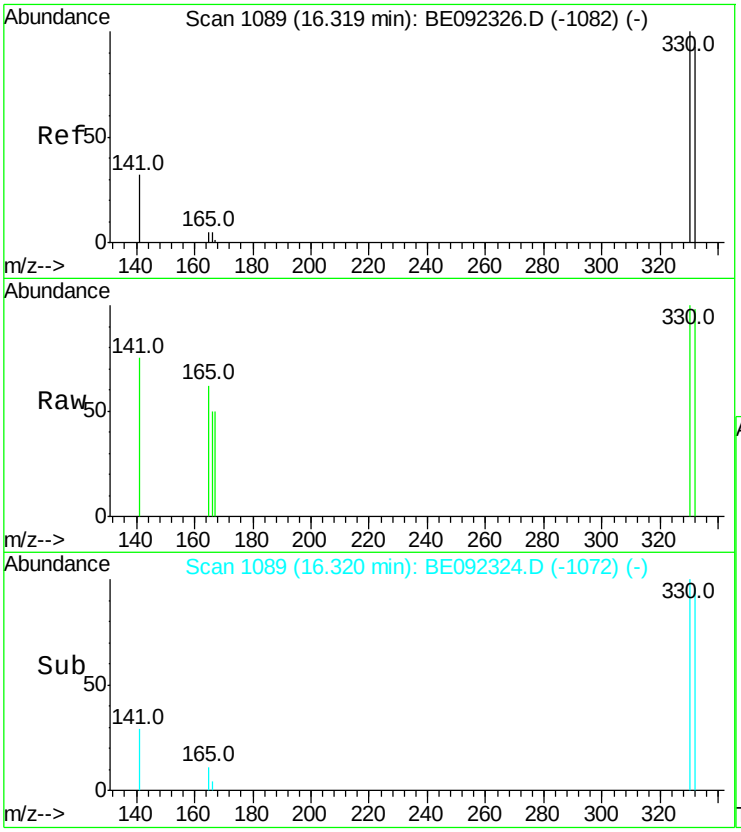


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.82 min Scan# 980
Delta R.T. -0.02 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Tgt Ion:164 Resp: 27509

Ion	Ratio	Lower	Upper
164	100		
162	117.5	71.4	107.0#
160	56.8	27.4	41.2#



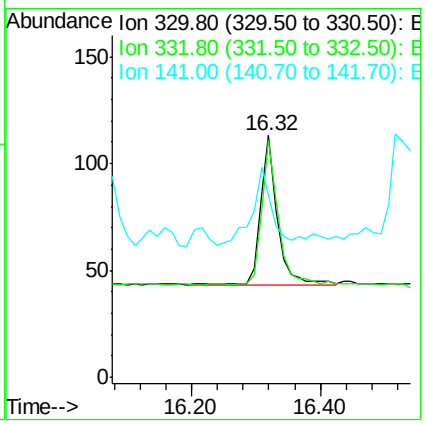


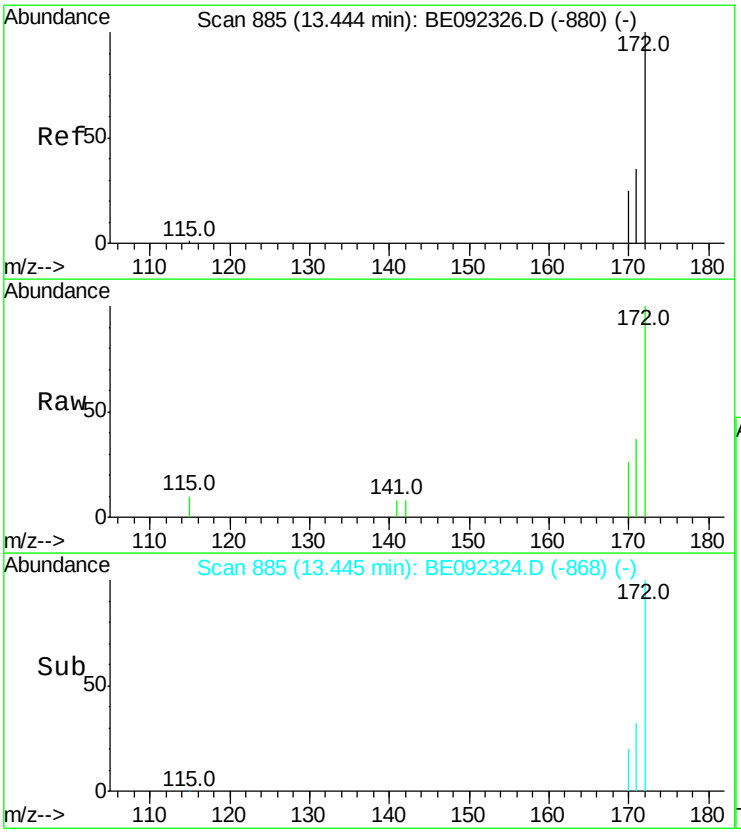
#13
2,4,6-Tribromophenol
Concen: 0.17 ng
RT: 16.32 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:330 Resp: 135

Ion	Ratio	Lower	Upper
330	100		
332	94.1	75.4	113.0
141	56.3	31.0	46.6#

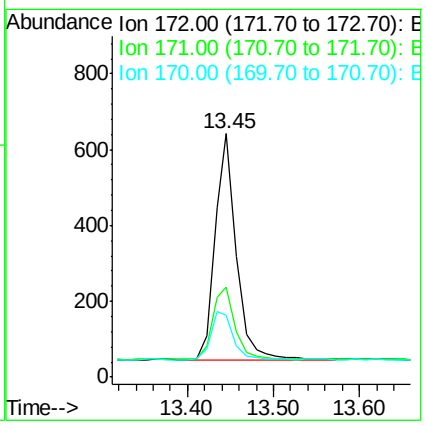


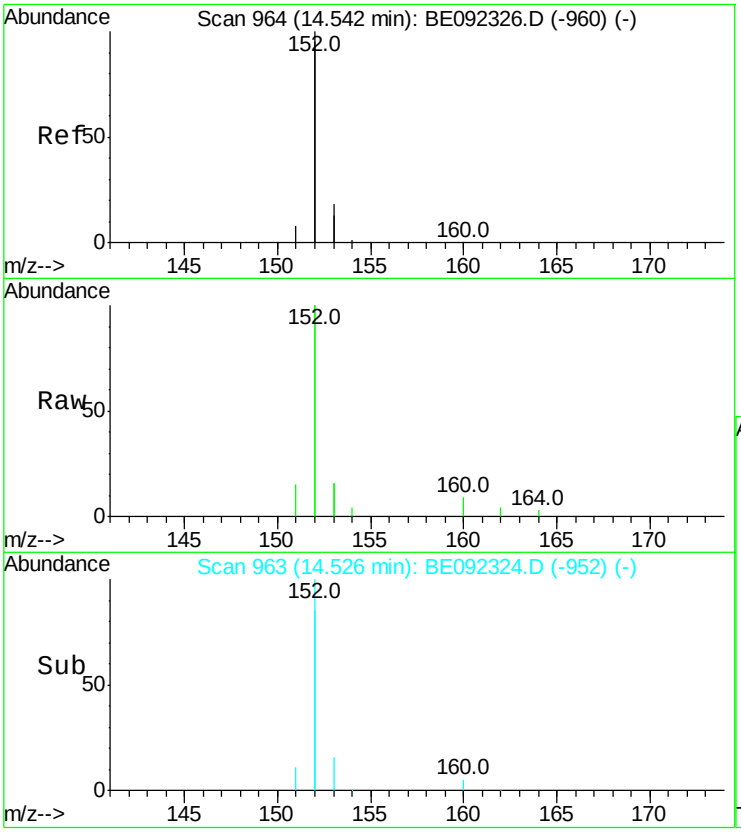


#14
2-Fluorobiphenyl
Concen: 0.12 ng
RT: 13.45 min Scan# 885
Delta R.T. 0.00 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Tgt Ion:172 Resp: 1025

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.1	45.1
170	25.7	21.8	32.6



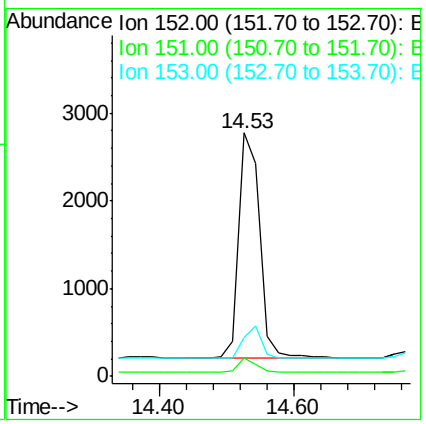


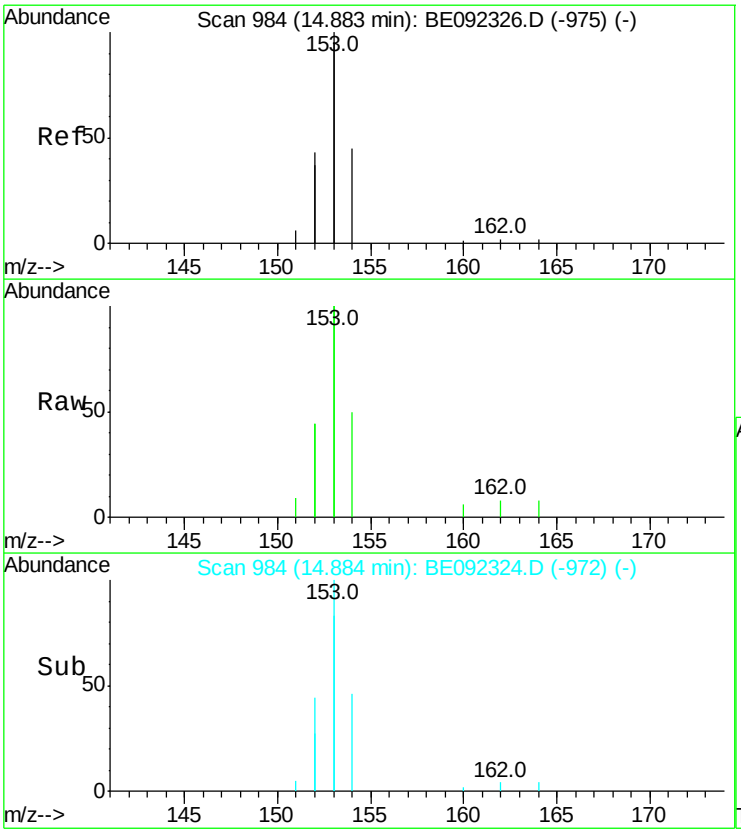
#15
Acenaphthylene
Concen: 0.12 ng
RT: 14.53 min Scan# 963
Delta R.T. -0.02 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 5549

Ion	Ratio	Lower	Upper
152	100		
151	5.2	3.9	5.9
153	13.3	10.4	15.6

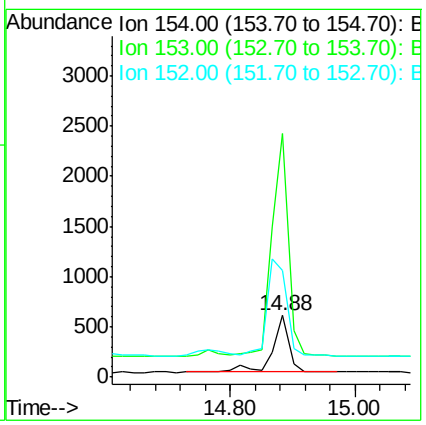


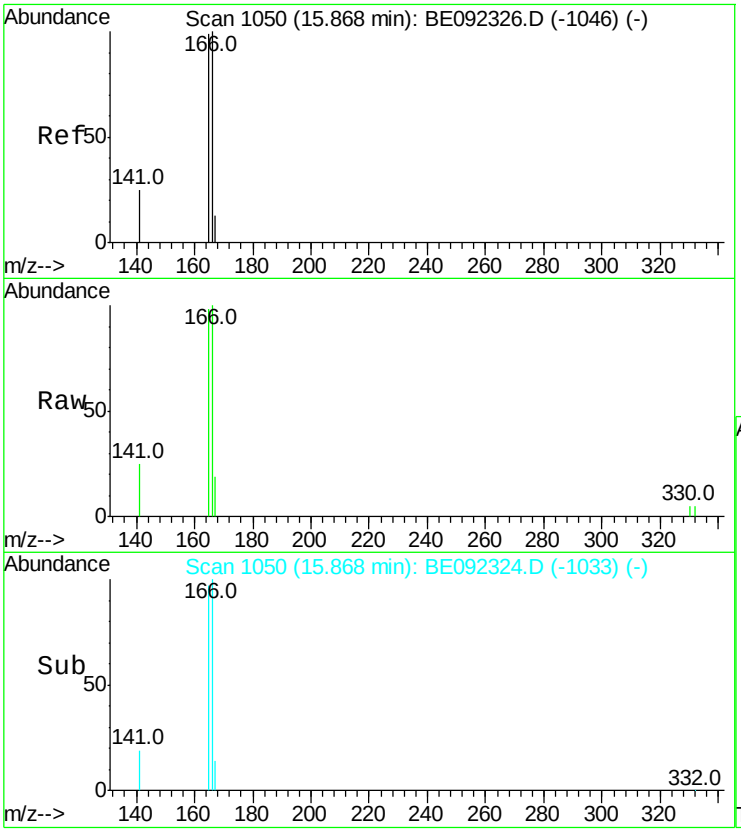


#16
Acenaphthene
Concen: 0.13 ng
RT: 14.88 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Tgt Ion:154 Resp: 1009

Ion	Ratio	Lower	Upper
154	100		
153	398.9	350.8	526.2
152	209.7	171.1	256.7



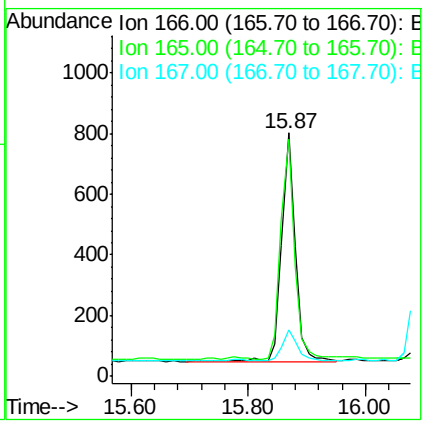


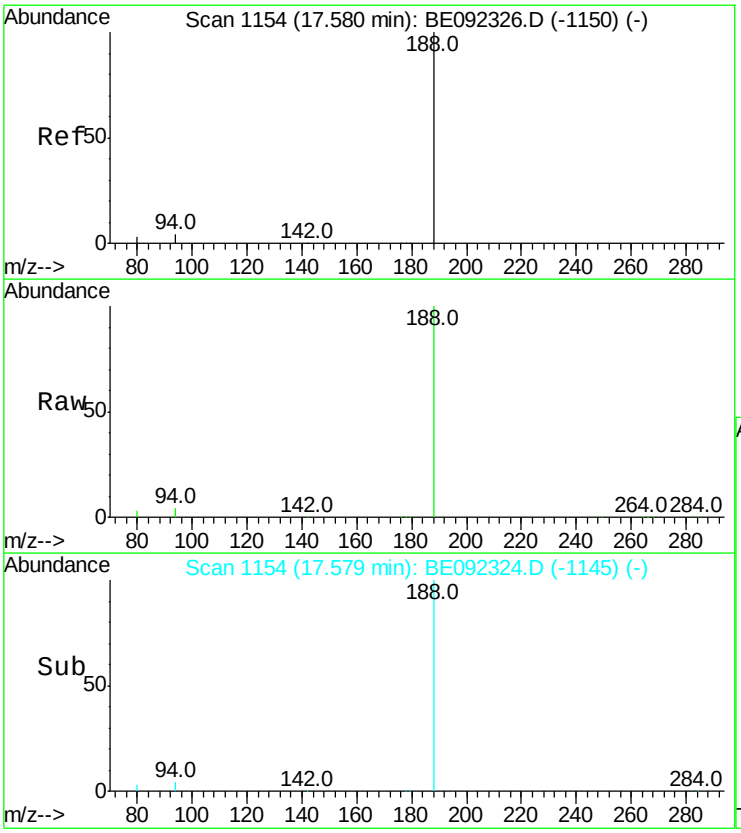
#17
Fluorene
Concen: 0.13 ng
RT: 15.87 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:166 Resp: 1212

Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.2	117.4
167	14.2	11.0	16.4

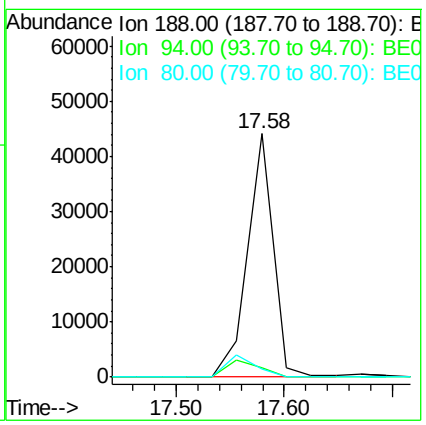


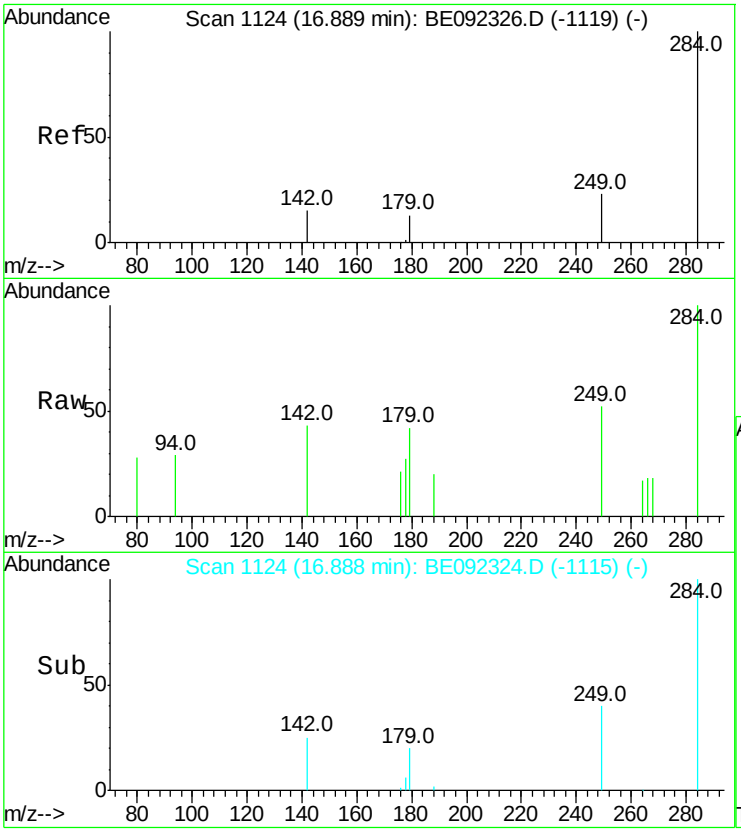


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Tgt Ion:188 Resp: 72712

Ion	Ratio	Lower	Upper
188	100		
94	4.1	3.2	4.8
80	3.4	2.6	3.8



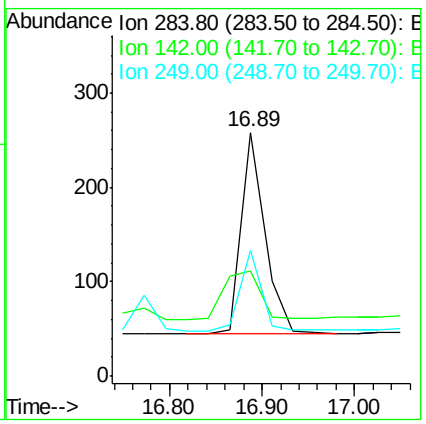


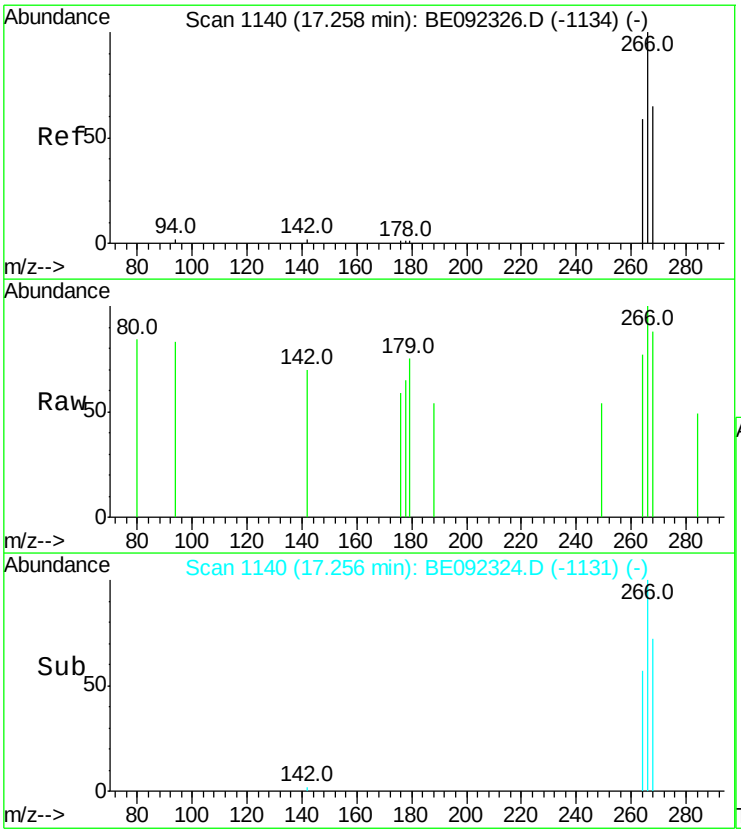
#19
Hexachlorobenzene
Concen: 0.13 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 382

Ion	Ratio	Lower	Upper
284	100		
142	38.7	29.1	43.7
249	36.1	27.9	41.9

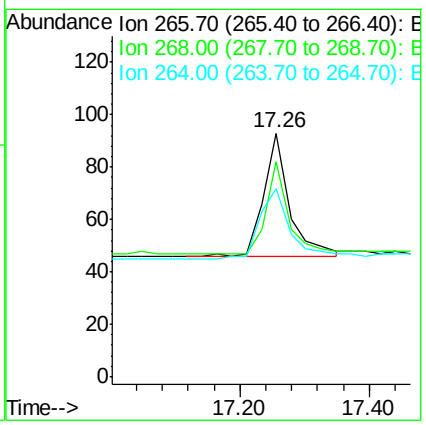


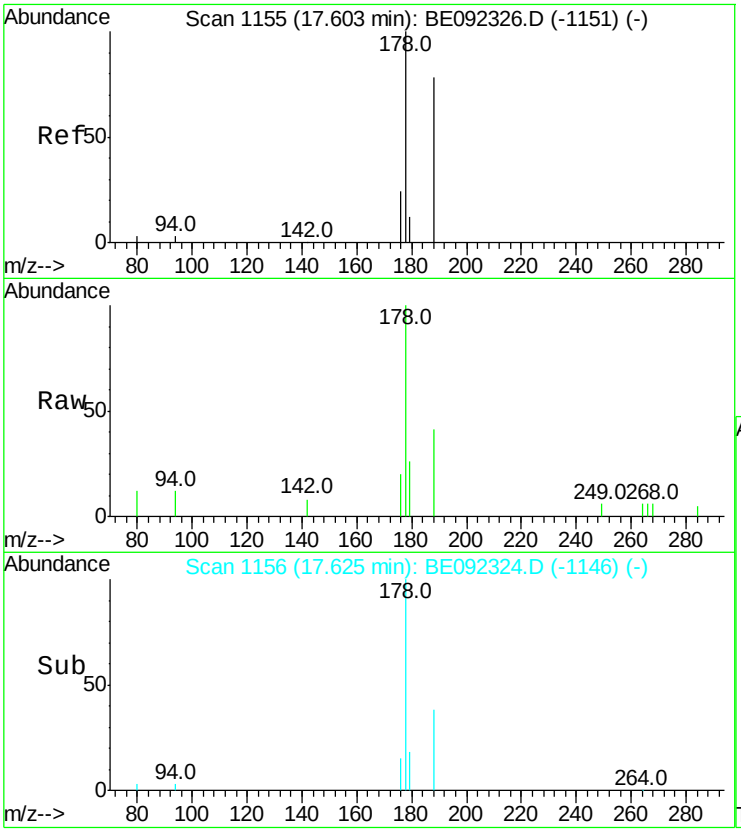


#20
Pentachlorophenol
Concen: 0.17 ng
RT: 17.26 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Tgt Ion:266 Resp: 131

Ion	Ratio	Lower	Upper
266	100		
268	88.2	62.5	93.7
264	77.4	57.2	85.8



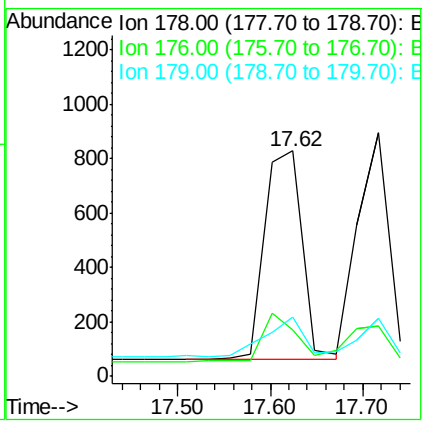


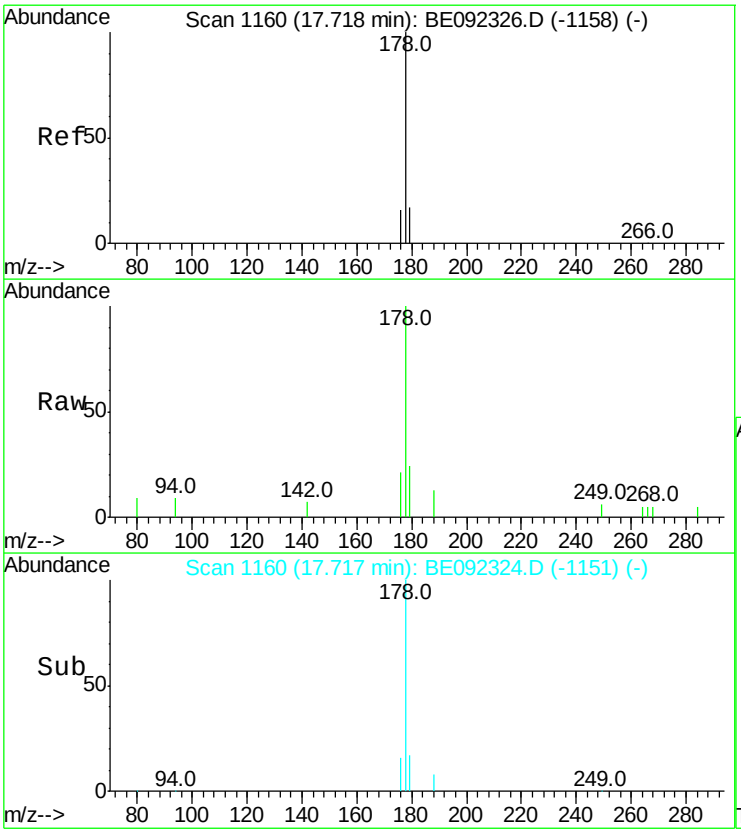
#21
Phenanthrene
Concen: 0.13 ng
RT: 17.62 min Scan# 1156
Delta R.T. 0.02 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 2176

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.8#
179	19.2	0.0	0.0#

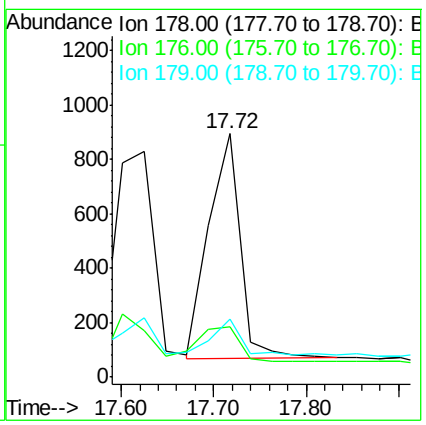


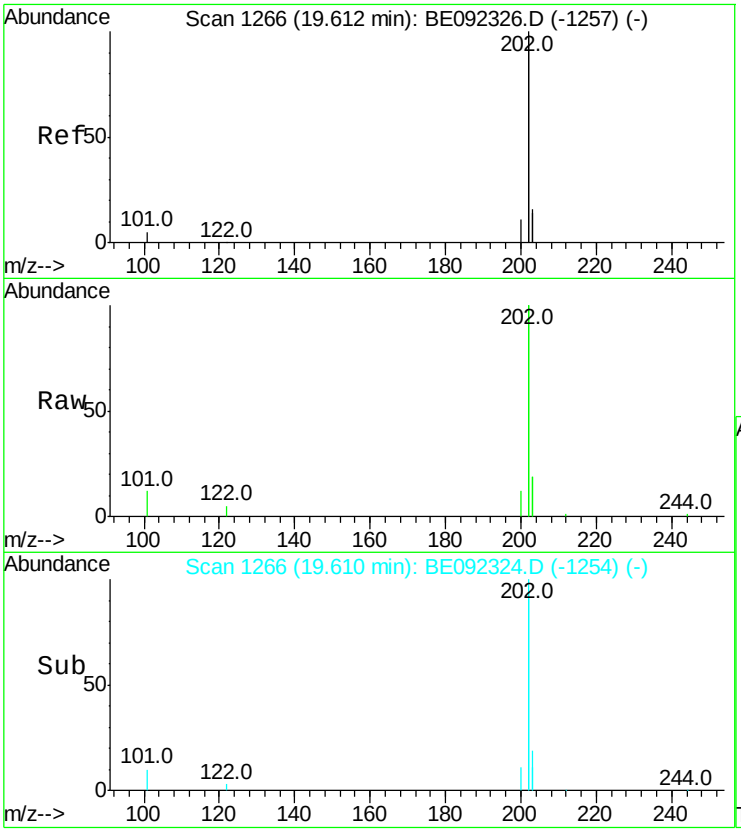


#22
Anthracene
Concen: 0.12 ng
RT: 17.72 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Tgt Ion:178 Resp: 1955

Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.0	22.4
179	14.6	12.2	18.2



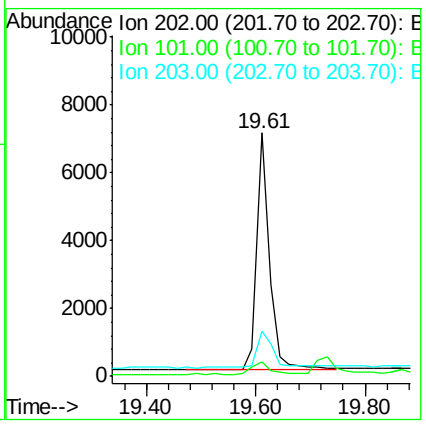


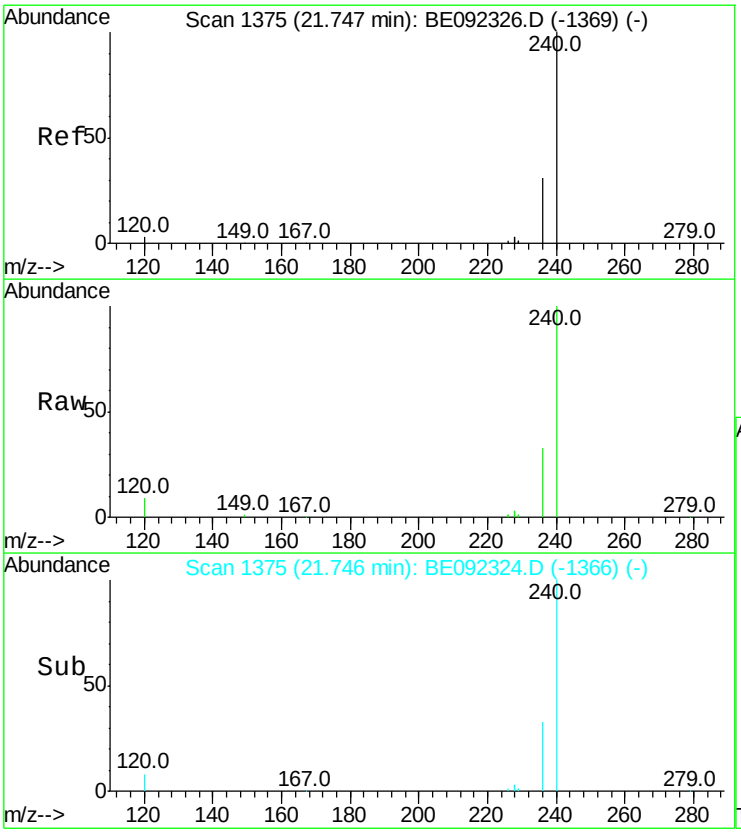
#23
Fluoranthene
Concen: 0.14 ng
RT: 19.61 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 11187

Ion	Ratio	Lower	Upper
202	100		
101	7.3	2.2	3.4#
203	20.0	13.7	20.5

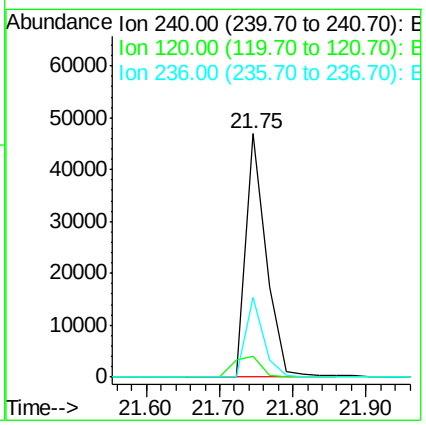


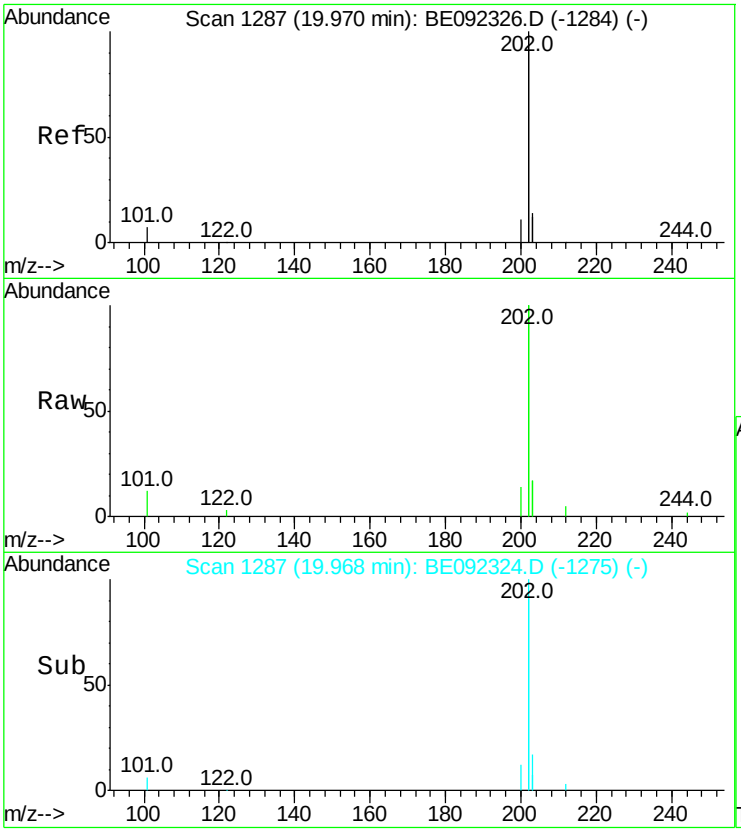


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Tgt Ion:240 Resp: 89846

Ion	Ratio	Lower	Upper
240	100		
120	8.8	2.6	4.0#
236	32.8	24.6	37.0



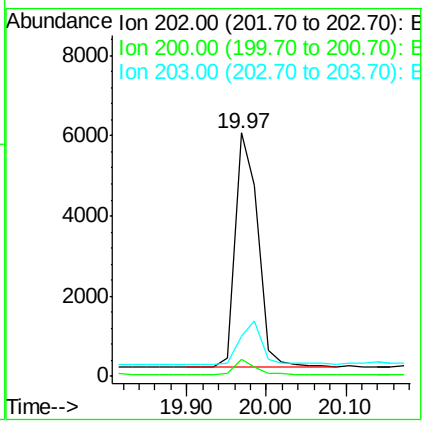


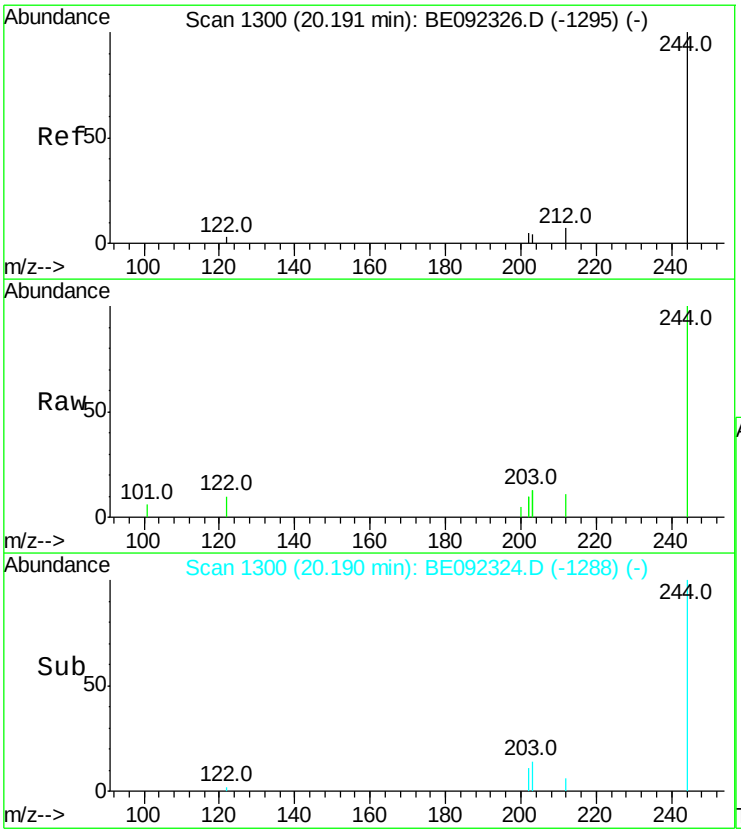
#25
Pyrene
Concen: 0.14 ng
RT: 19.97 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 11580

Ion	Ratio	Lower	Upper
202	100		
200	5.1	4.2	6.4
203	18.7	13.9	20.9

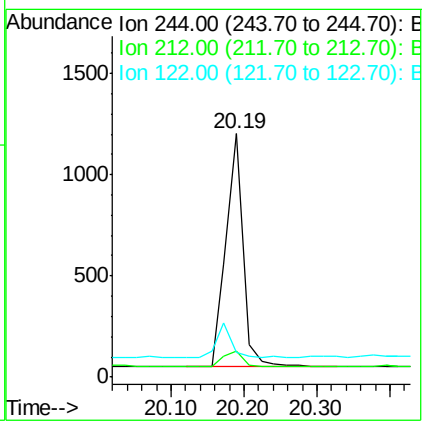


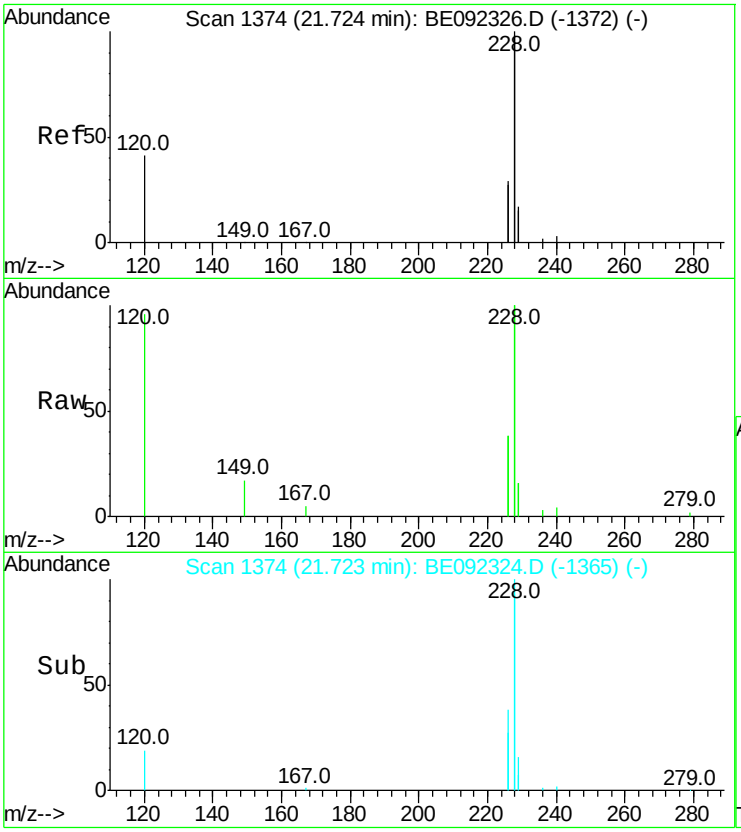


#26
Terphenyl-d14
Concen: 0.16 ng
RT: 20.19 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Tgt Ion:244 Resp: 1877

Ion	Ratio	Lower	Upper
244	100		
212	10.9	6.7	10.1#
122	10.1	3.6	5.4#



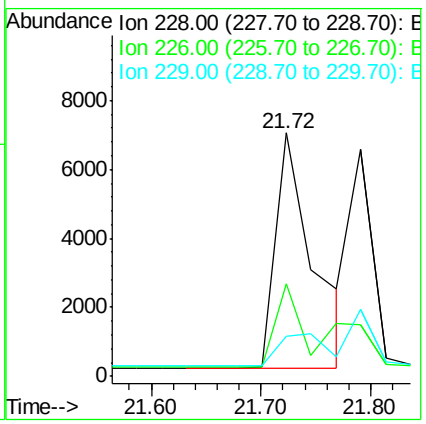


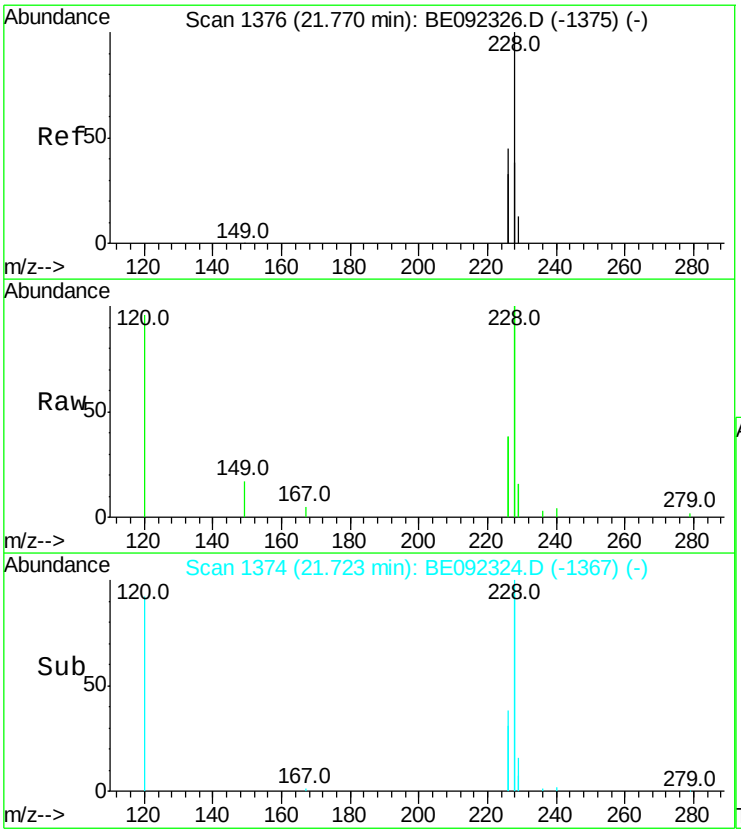
#27
Benzo(a)anthracene
Concen: 0.17 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 16335

Ion	Ratio	Lower	Upper
228	100		
226	37.9	23.6	35.4#
229	16.3	13.3	19.9

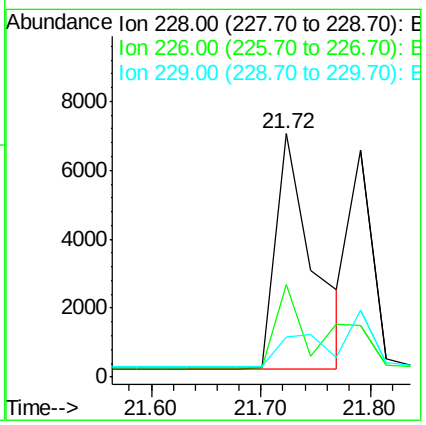


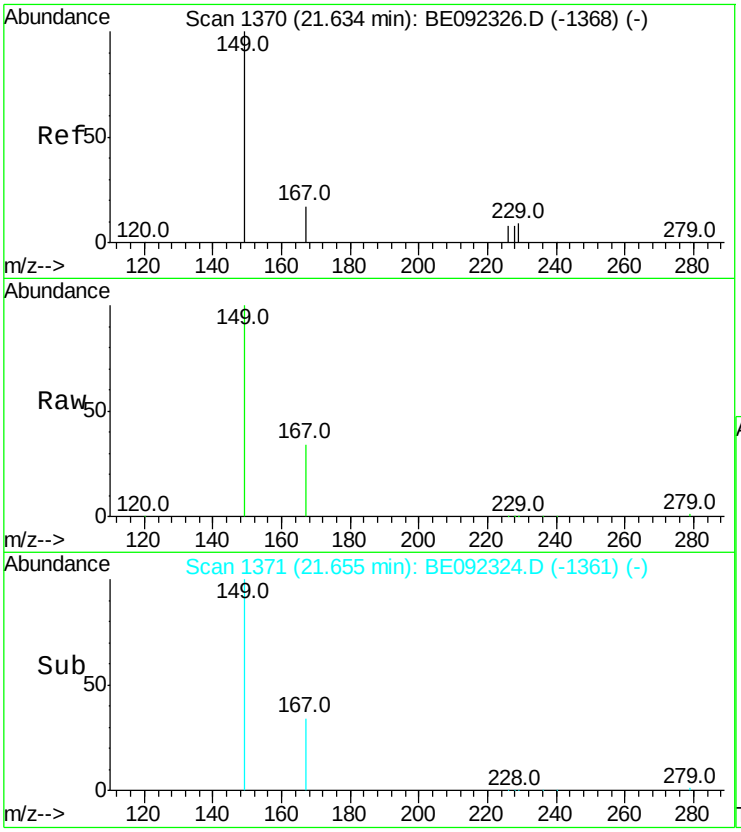


#28
Chrysene
Concen: 0.19 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.05 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Tgt Ion:228 Resp: 16335

Ion	Ratio	Lower	Upper
228	100		
226	37.9	36.3	54.5
229	16.3	10.6	16.0#



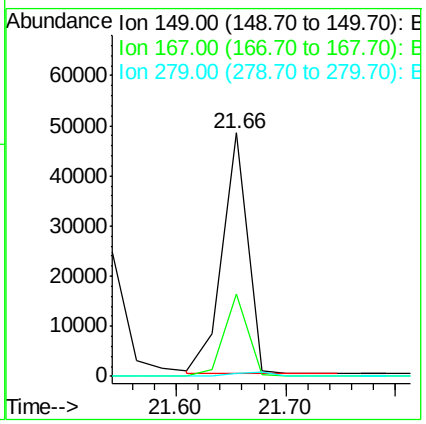


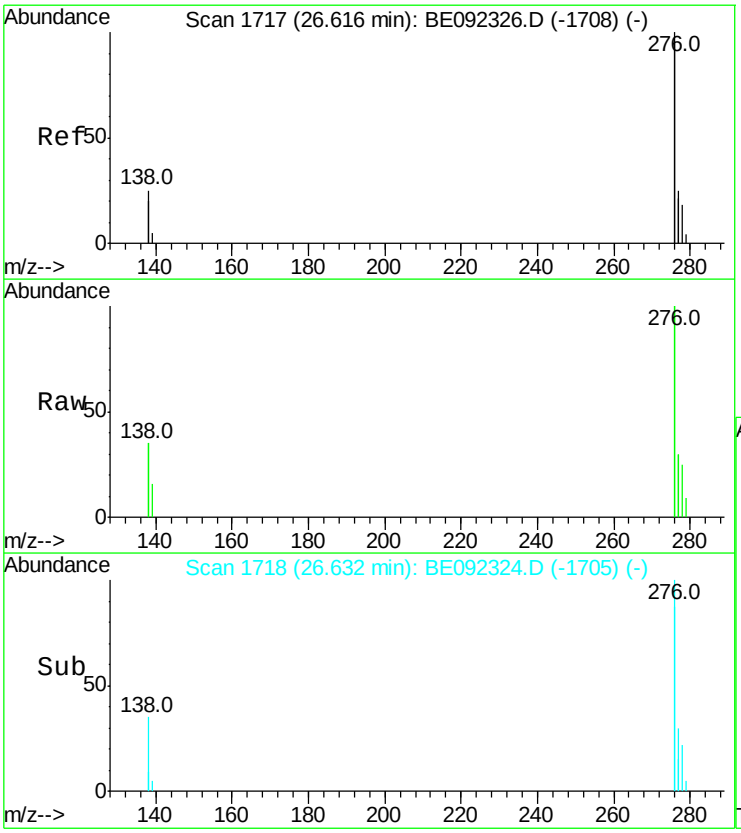
#29
Bis(2-ethylhexyl)phthalate
Concen: 11.96 ng
RT: 21.66 min Scan# 1371
Delta R.T. 0.02 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:149 Resp: 77008

Ion	Ratio	Lower	Upper
149	100		
167	31.3	0.0	0.0#
279	0.0	0.0	0.0

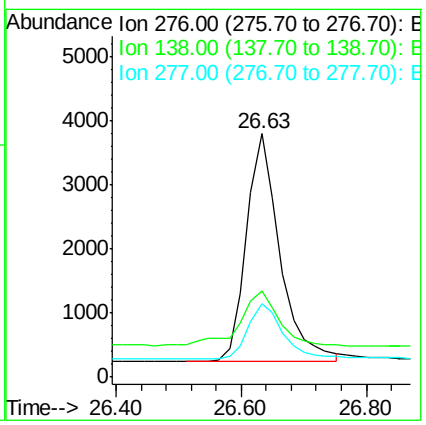


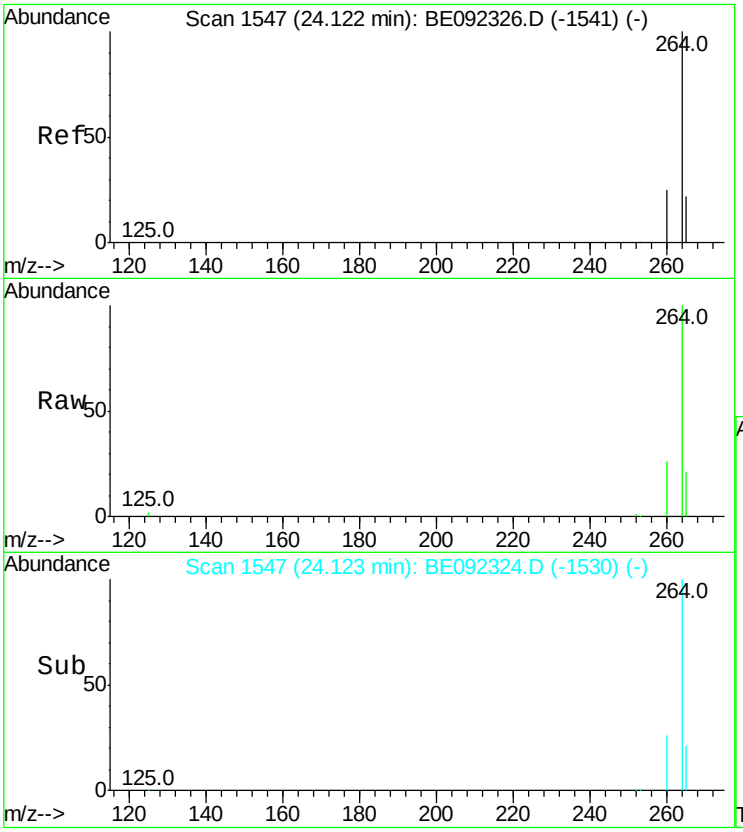


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.15 ng
RT: 26.63 min Scan# 1718
Delta R.T. 0.02 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Tgt Ion:276 Resp: 13209

Ion	Ratio	Lower	Upper
276	100		
138	27.1	20.3	30.5
277	24.8	19.7	29.5



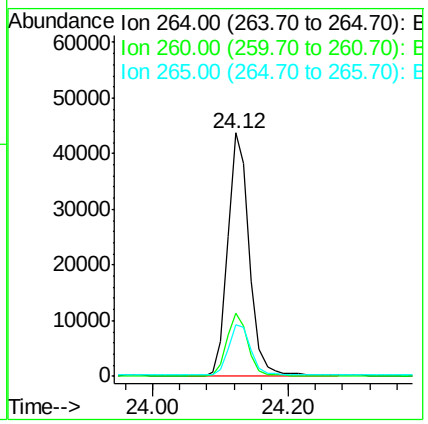


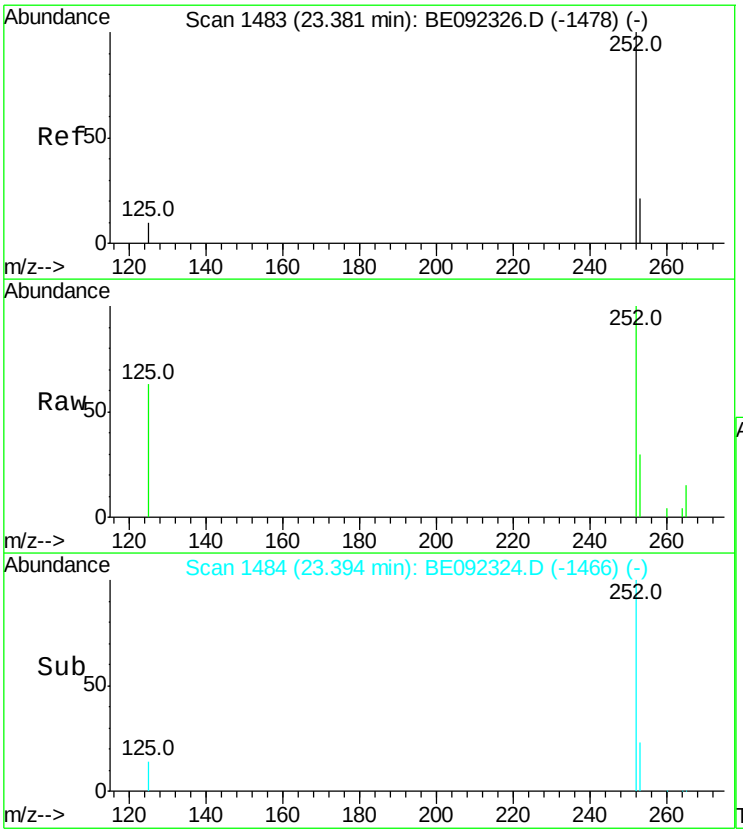
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 97751

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.1	30.1
265	21.4	17.9	26.9

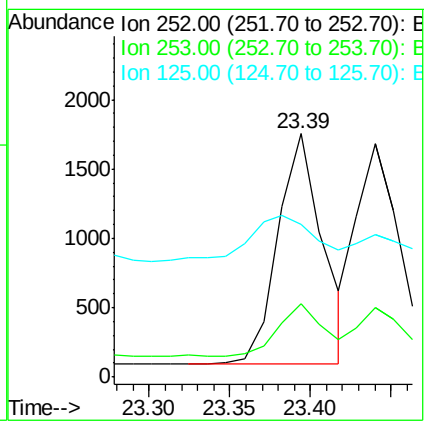


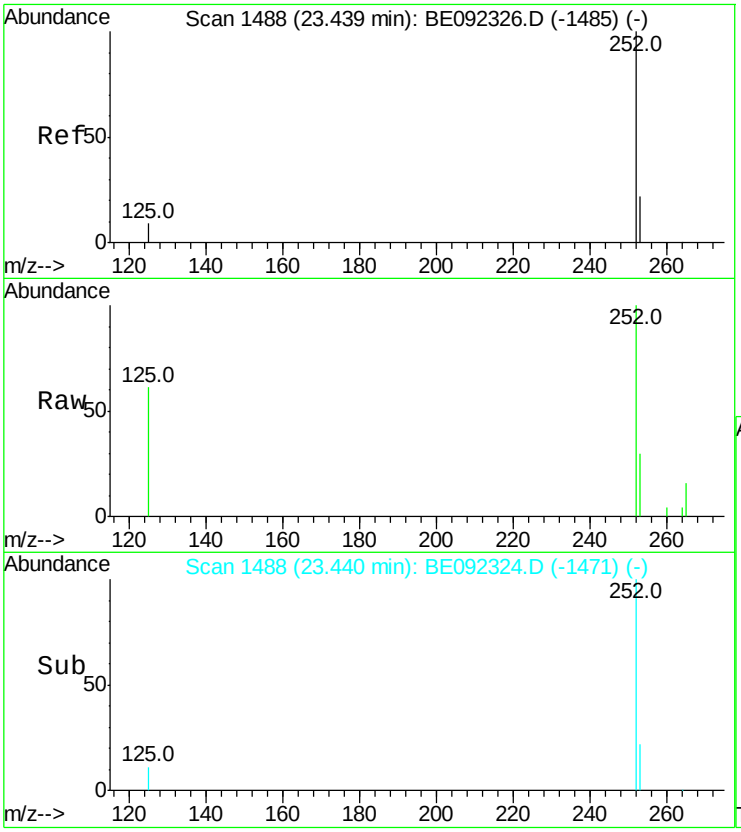


#32
Benzo(b)fluoranthene
Concen: 0.14 ng
RT: 23.39 min Scan# 1484
Delta R.T. 0.01 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Tgt Ion:252 Resp: 3201

Ion	Ratio	Lower	Upper
252	100		
253	30.1	18.7	28.1#
125	62.8	10.5	15.7#



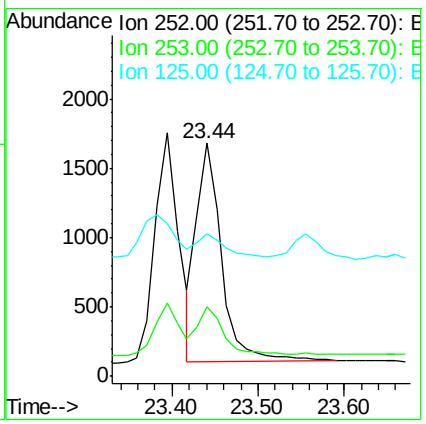


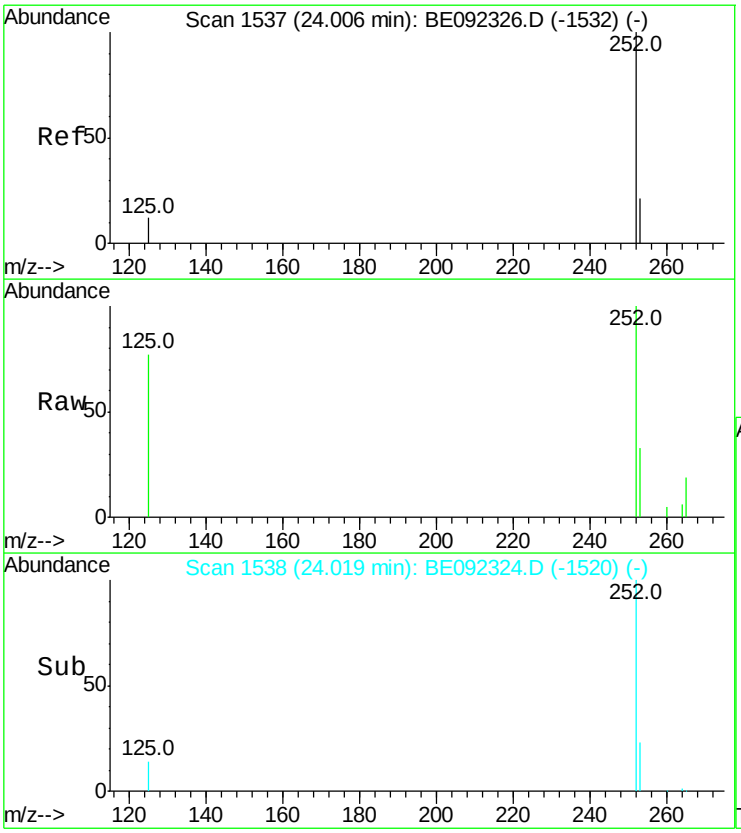
#33
Benzo(k)fluoranthene
Concen: 0.12 ng
RT: 23.44 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 3199

Ion	Ratio	Lower	Upper
252	100		
253	29.7	20.3	30.5
125	61.3	9.6	14.4#

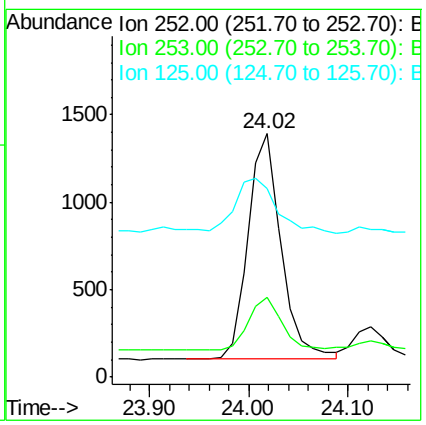


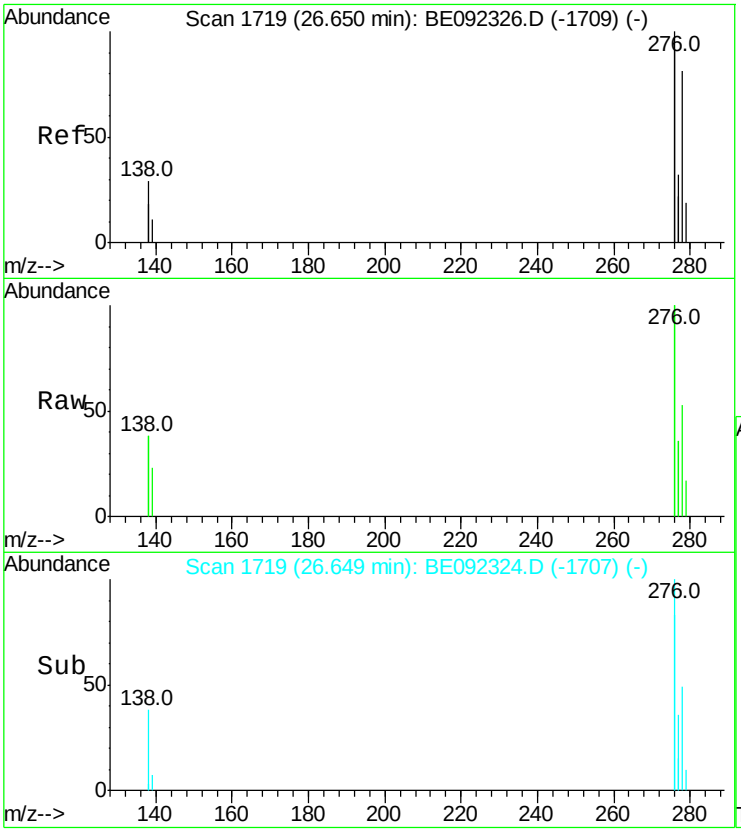


#34
Benzo(a)pyrene
Concen: 0.13 ng
RT: 24.02 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Tgt Ion:252 Resp: 2988

Ion	Ratio	Lower	Upper
252	100		
253	32.7	19.0	28.6#
125	77.3	11.8	17.8#



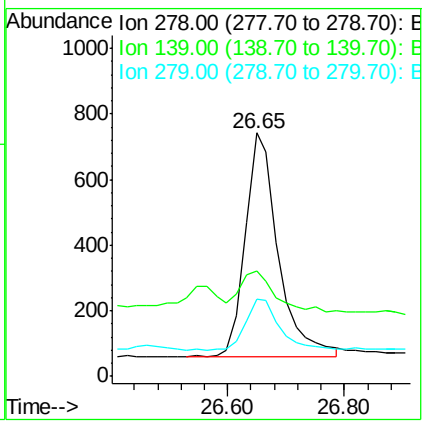


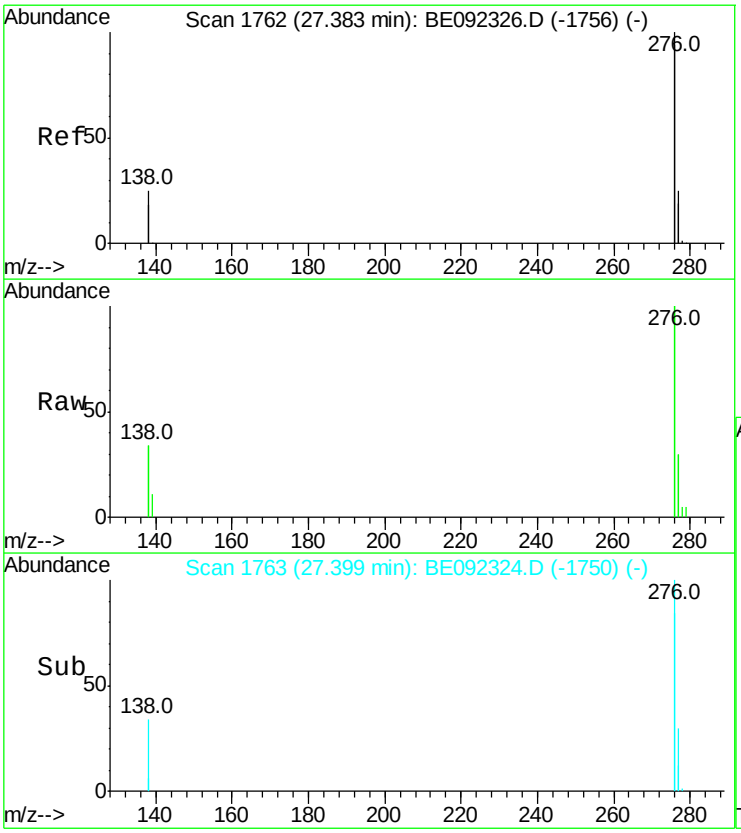
#35
Dibenzo(a,h)anthracene
Concen: 0.13 ng
RT: 26.65 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:278 Resp: 2691

Ion	Ratio	Lower	Upper
278	100		
139	43.4	13.8	20.8#
279	31.9	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.12 ng
RT: 27.40 min Scan# 1763
Delta R.T. 0.02 min
Lab File: BE092324.D
Acq: 1 Sep 2016 12:07

Tgt Ion:276 Resp: 11338

Ion	Ratio	Lower	Upper
276	100		
277	29.7	19.8	29.8
138	33.6	19.8	29.6#