Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092216\
Data File : BE092392.D
Acq On : 22 Sep 2016 12:51
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 22 16:57:50 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 16:57:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	10109	5.00	ng		0.00
7) Naphthalene-d8	10.95	136	49220	5.00	ng		0.00
12) Acenaphthene-d10	14.82	164	35407	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	70301	5.00	ng		0.00
24) Chrysene-d12	21.75	240	93679	5.00	ng		0.00
31) Perylene-d12	24.12	264	80852	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.66	112	24039	10.00	ng		-0.03
5) Phenol-d6	7.33	99	33952	10.59	ng		-0.02
8) Nitrobenzene-d5	9.32	82	36412	10.30	ng		-0.05
13) 2,4,6-Tribromophenol	16.31	330	12715	11.59	ng		-0.02
14) 2-Fluorobiphenyl	13.43	172	88864	8.18	ng		-0.01
26) Terphenyl-d14	20.17	244	120504	8.70	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	10612	7.42	ng		93
3) n-Nitrosodimethylamine	3.75	42	16551	12.38	ng		98
6) bis(2-Chloroethyl)ether	7.59	93	27189	10.44	ng	#	27
9) Naphthalene	10.99	128	101883	9.24	ng	#	95
10) Hexachlorobutadiene	11.28	225	15574	9.06	ng		99
11) 2-Methylnaphthalene	12.62	142	70798	9.81	ng	#	87
15) Acenaphthylene	14.53	152	522565	8.57	ng		100
16) Acenaphthene	14.88	154	76025	7.70	ng		93
17) Fluorene	15.87	166	100334	8.10	ng		100
19) Hexachlorobenzene	16.89	284	30505	9.06	ng	#	65
20) Pentachlorophenol	17.23	266	16535	22.10	ng	#	85
21) Phenanthrene	17.60	178	155442	7.87	ng	#	95
22) Anthracene	17.69	178	166861	9.49	ng		98
23) Fluoranthene	19.61	202	789485	9.15	ng		99
25) Pyrene	19.97	202	822305	9.02	ng		100
27) Benzo(a)anthracene	21.72	228	1660765	16.43	ng		99
28) Chrysene	21.72	228	1667652	15.98	ng	#	79
29) Bis(2-ethylhexyl)phthalate	21.63	149	98235	7.00	ng	#	56
30) Indeno(1,2,3-cd)pyrene	26.62	276	909711	8.54	ng		99
32) Benzo(b)fluoranthene	23.38	252	200995	9.68	ng	#	95
33) Benzo(k)fluoranthene	23.43	252	205246	9.35	ng		93
34) Benzo(a)pyrene	24.01	252	196975	9.63	ng	#	94
35) Dibenzo(a,h)anthracene	26.65	278	185604	9.81	ng	#	94
36) Benzo(g,h,i)perylene	27.40	276	767272	9.62	ng		95

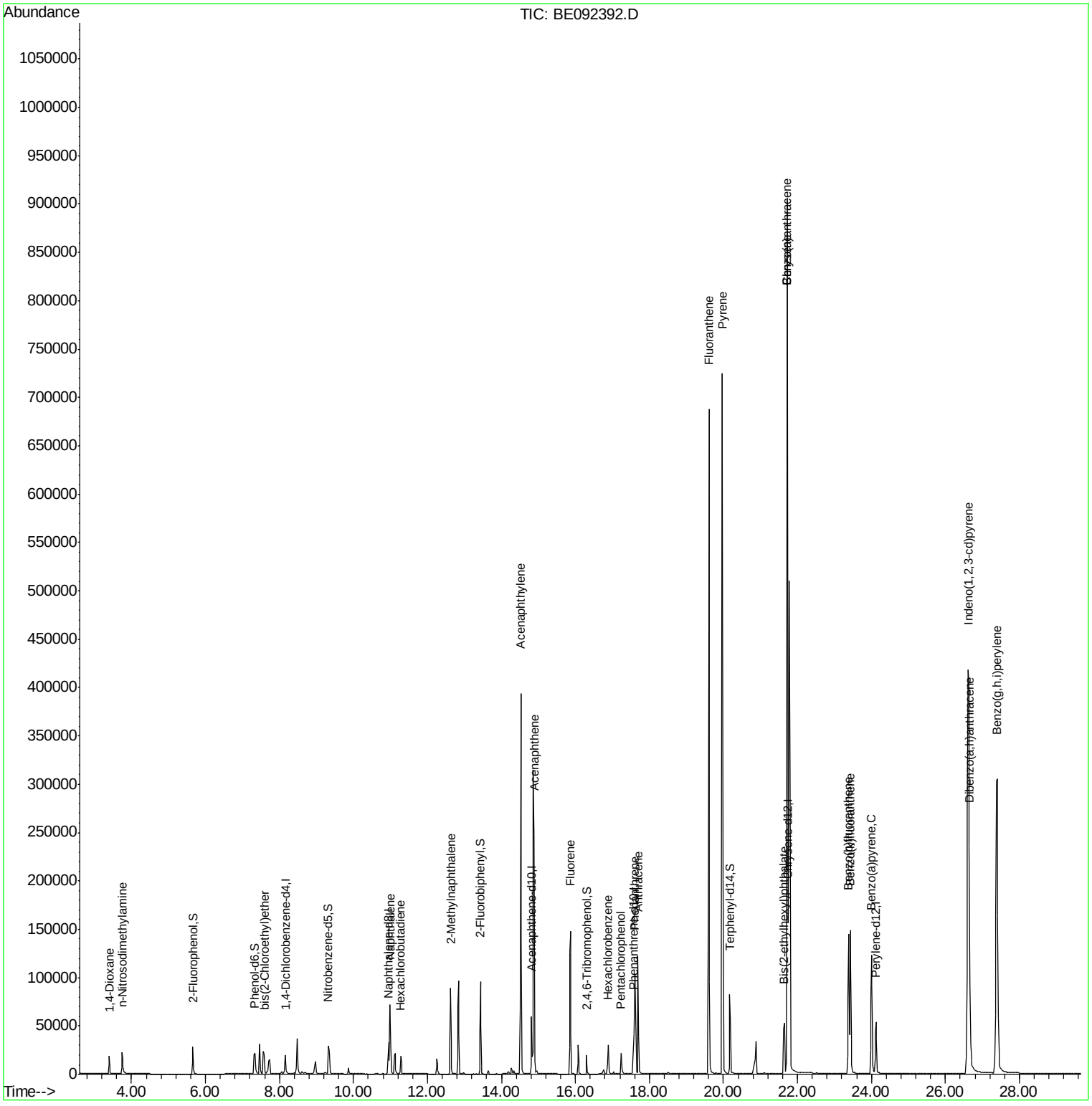
(#) = qualifier out of range (m) = manual integration (+) = signals summed

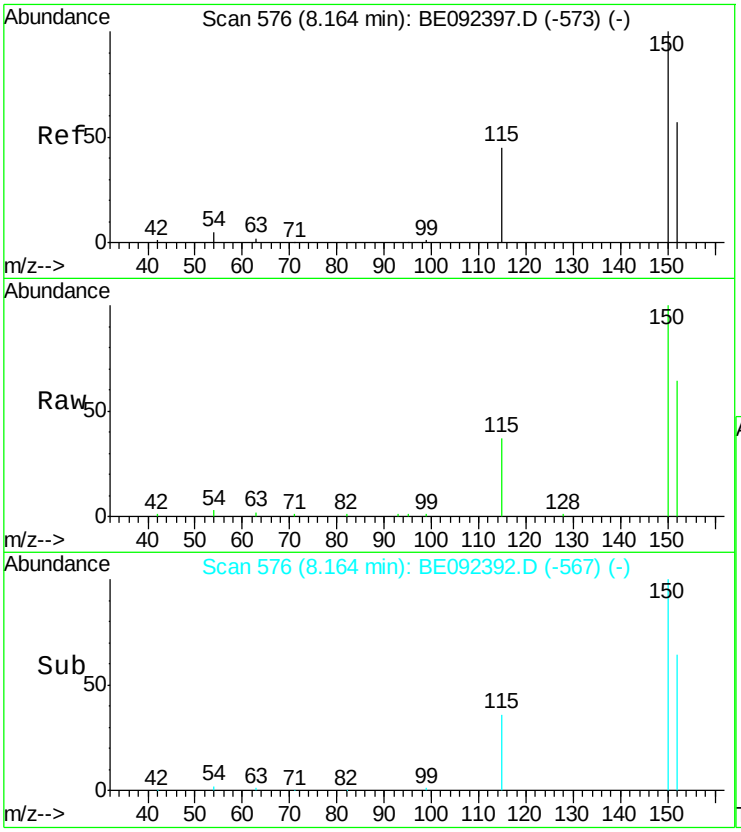
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092216\
Data File : BE092392.D
Acq On : 22 Sep 2016 12:51
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 22 16:57:50 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 16:57:02 2016
Response via : Initial Calibration



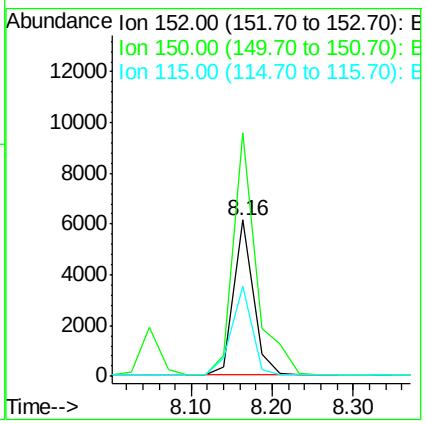


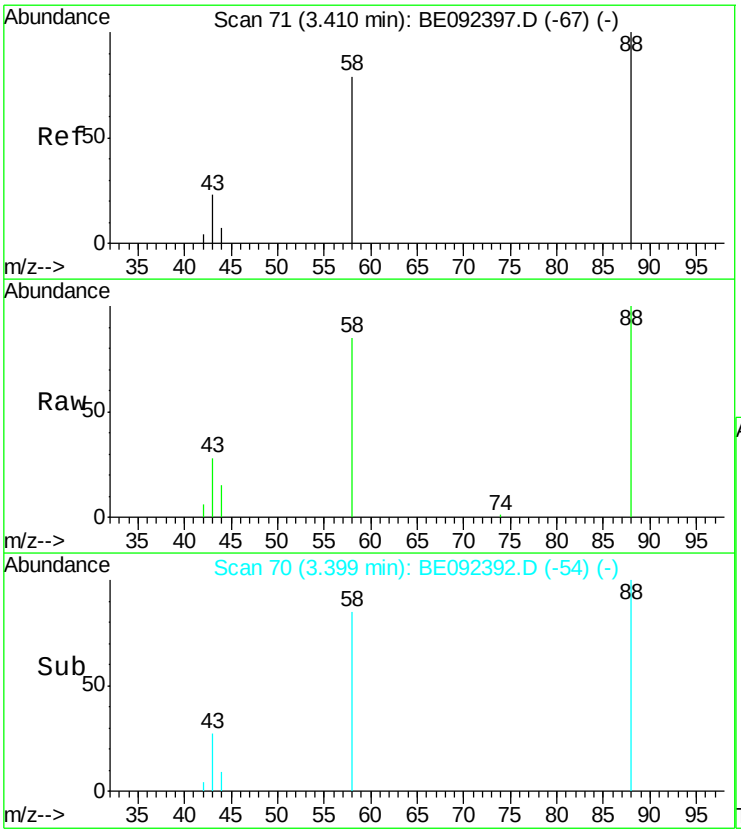
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 10109

Ion	Ratio	Lower	Upper
152	100		
150	156.1	106.0	159.0
115	57.6	31.2	46.8#

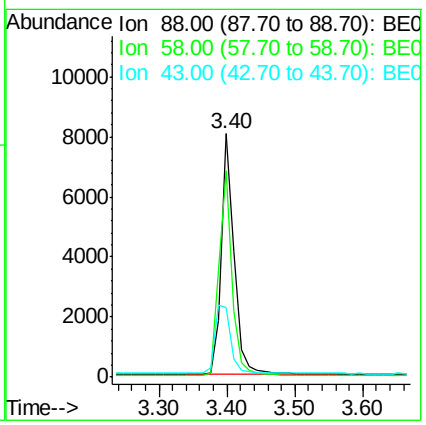


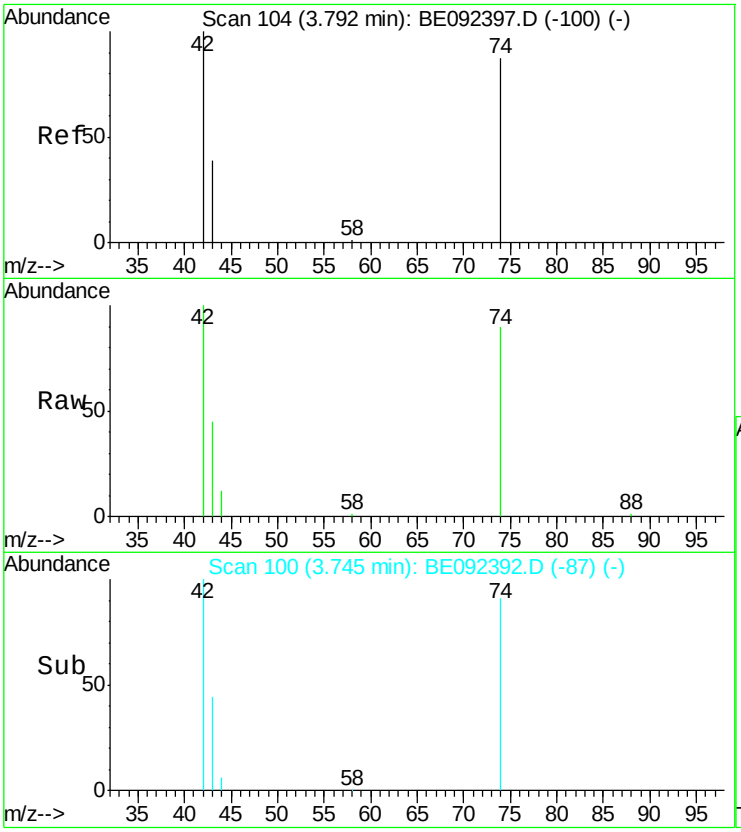


#2
1,4-Dioxane
Concen: 7.42 ng
RT: 3.40 min Scan# 70
Delta R.T. -0.01 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Tgt Ion: 88 Resp: 10612

Ion	Ratio	Lower	Upper
88	100		
58	87.8	63.6	95.4
43	35.6	28.0	42.0



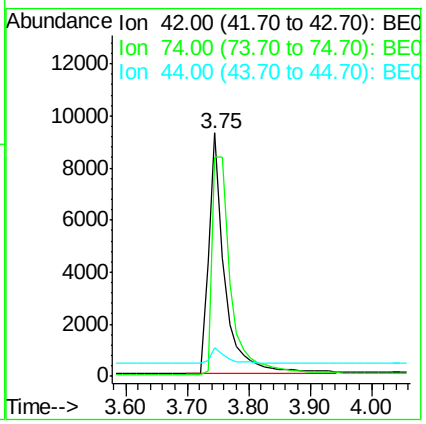


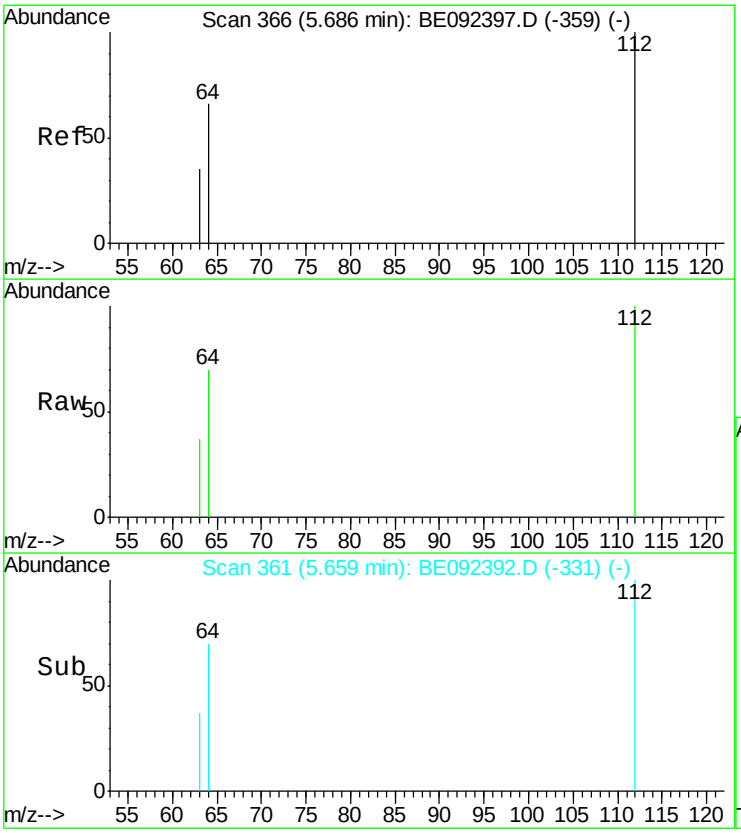
#3
n-Nitrosodimethylamine
Concen: 12.38 ng
RT: 3.75 min Scan# 100
Delta R.T. -0.05 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 16551

Ion	Ratio	Lower	Upper
42	100		
74	109.2	86.0	129.0
44	6.0	5.1	7.7

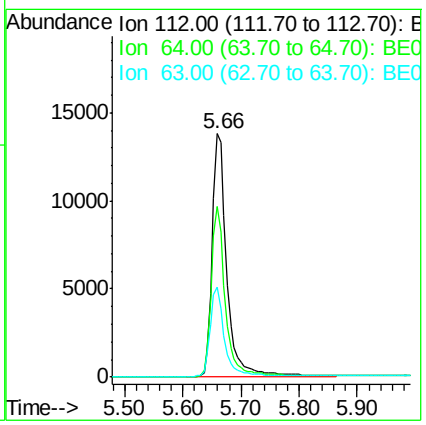


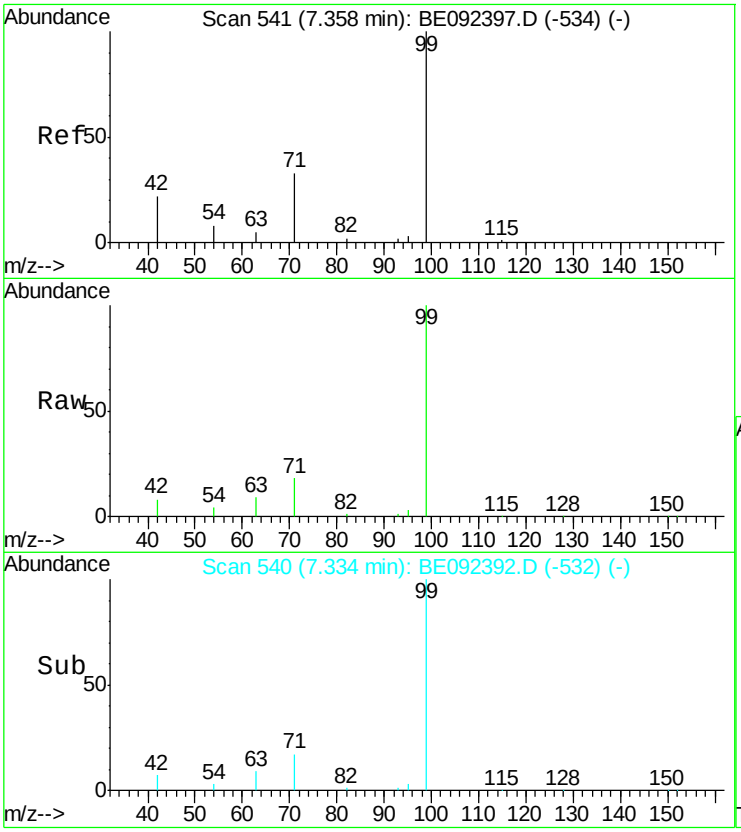


#4
2-Fluorophenol
Concen: 10.00 ng
RT: 5.66 min Scan# 361
Delta R.T. -0.03 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Tgt Ion:112 Resp: 24039

Ion	Ratio	Lower	Upper
112	100		
64	67.7	53.5	80.3
63	35.9	27.9	41.9



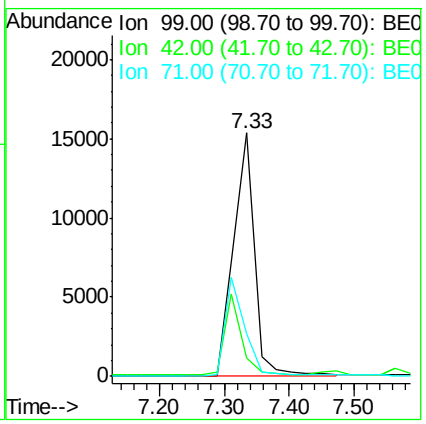


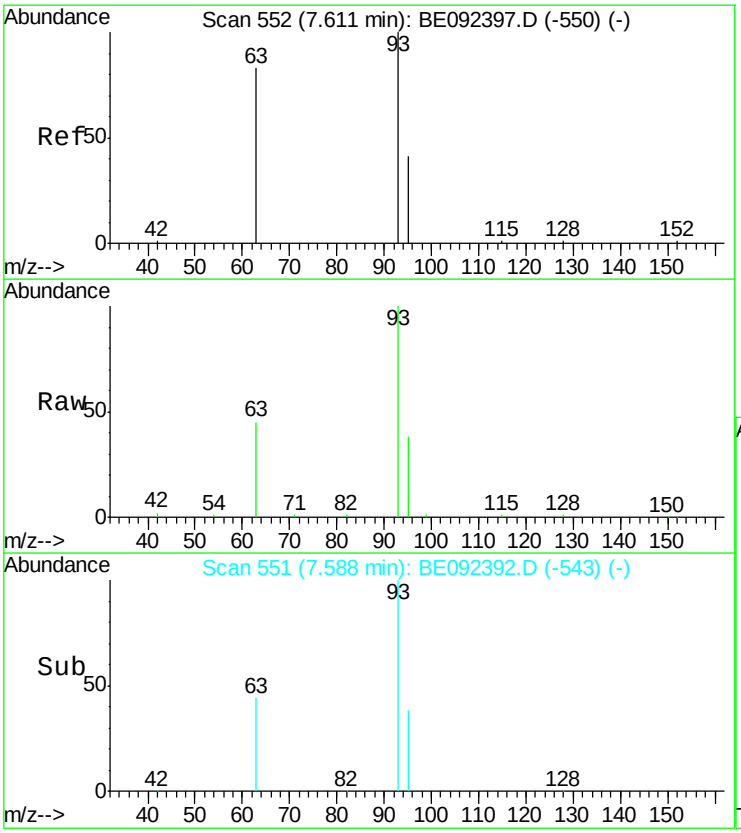
#5
Phenol-d6
Concen: 10.59 ng
RT: 7.33 min Scan# 540
Delta R.T. -0.02 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 33952

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

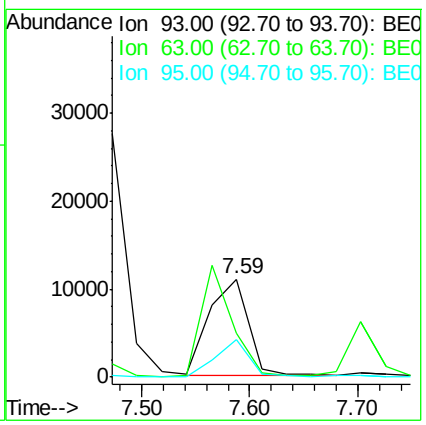


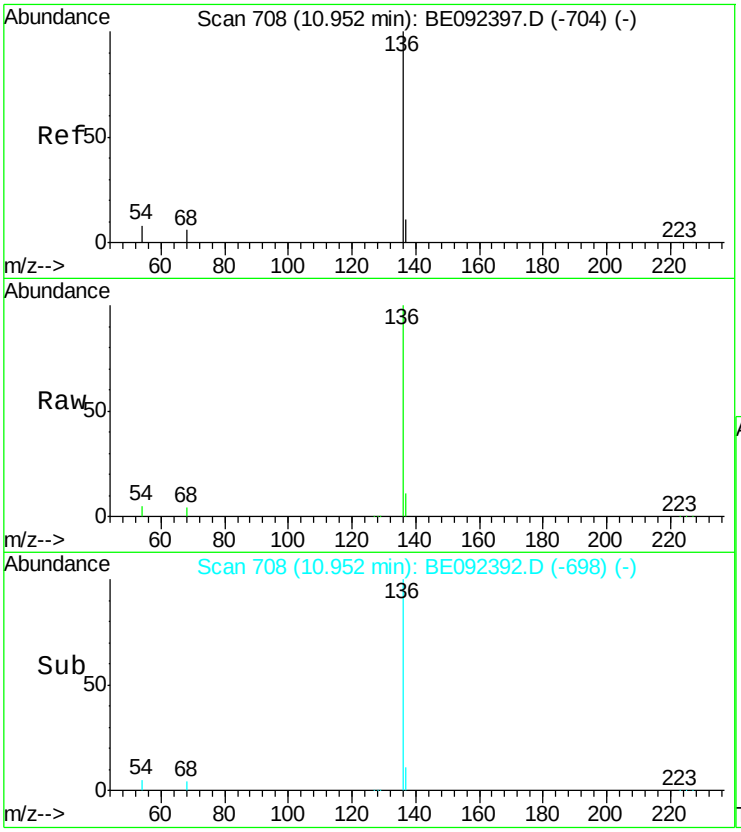


#6
bis(2-Chloroethyl)ether
Concen: 10.44 ng
RT: 7.59 min Scan# 551
Delta R.T. -0.02 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Tgt Ion: 93 Resp: 27189

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	33.1	24.0	36.0



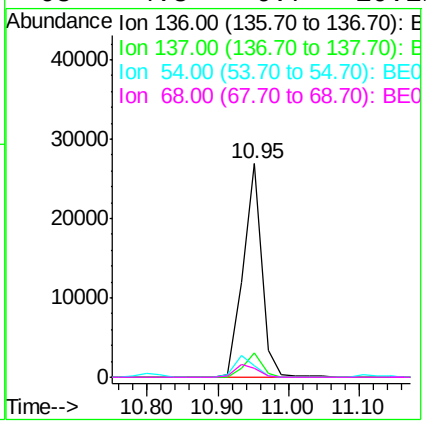


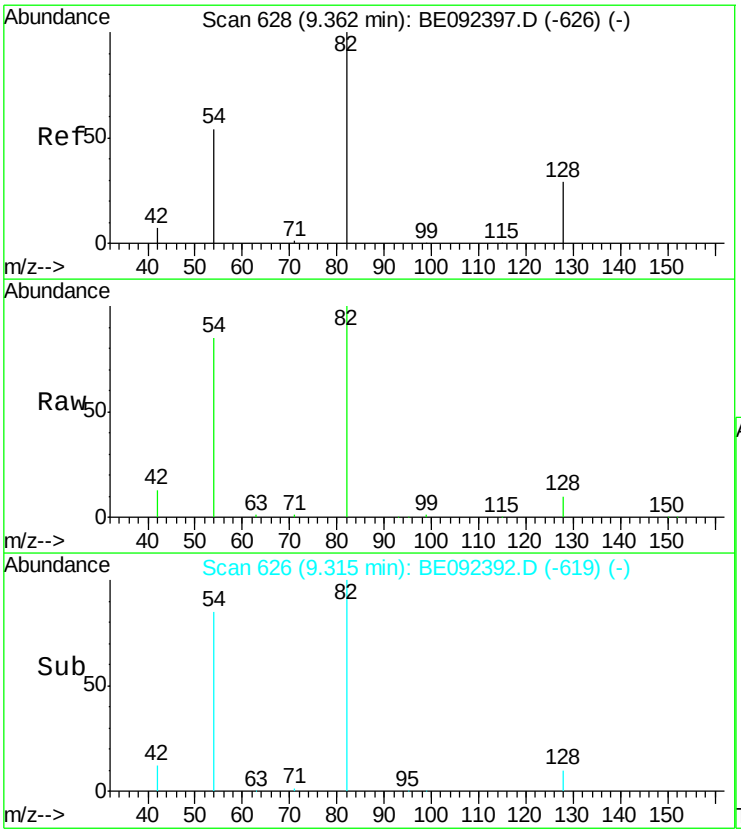
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 49220

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.2	12.4
54	5.4	9.6	14.4#
68	4.3	6.7	10.1#

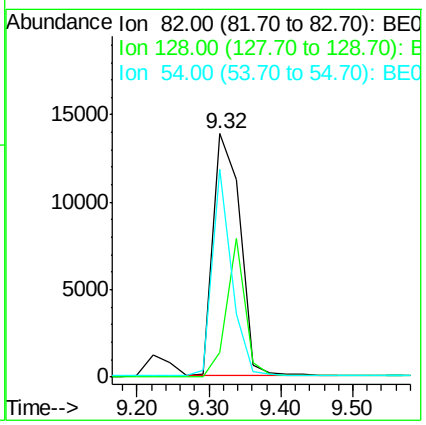


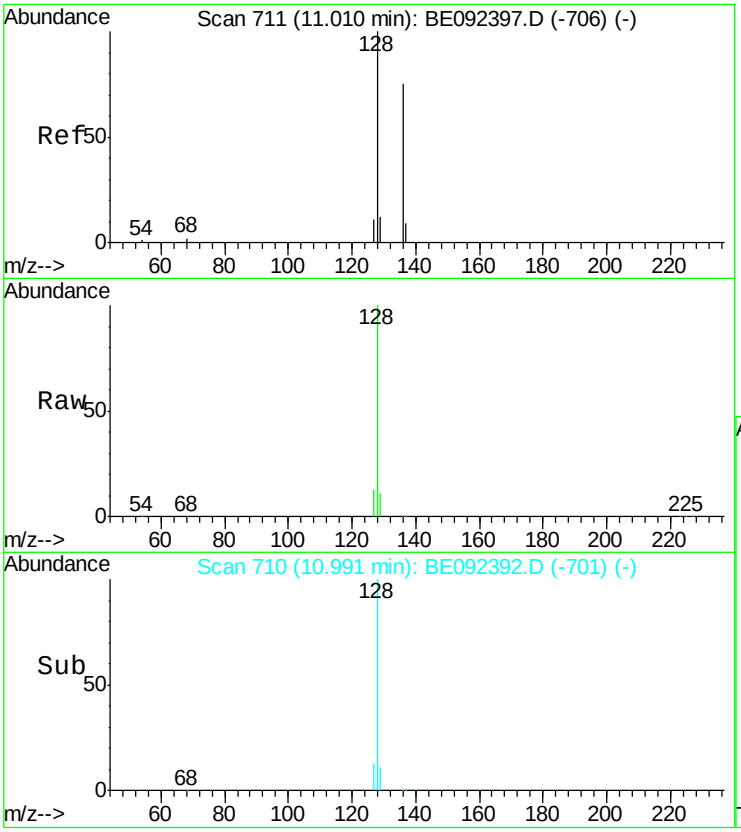


#8
Nitrobenzene-d5
Concen: 10.30 ng
RT: 9.32 min Scan# 626
Delta R.T. -0.05 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Tgt Ion: 82 Resp: 36412

Ion	Ratio	Lower	Upper
82	100		
128	10.1	39.0	58.4#
54	85.4	44.8	67.2#



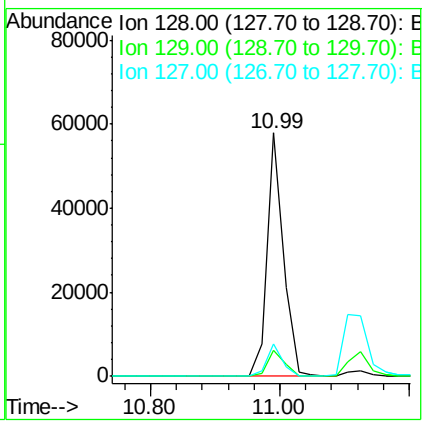


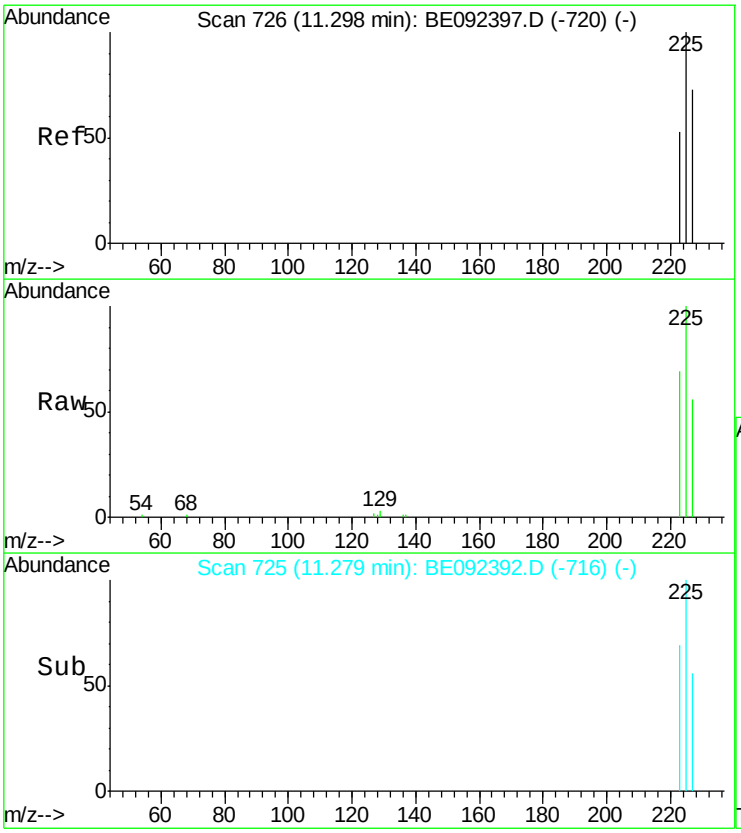
#9
Naphthalene
Concen: 9.24 ng
RT: 10.99 min Scan# 710
Delta R.T. -0.02 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 101883

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

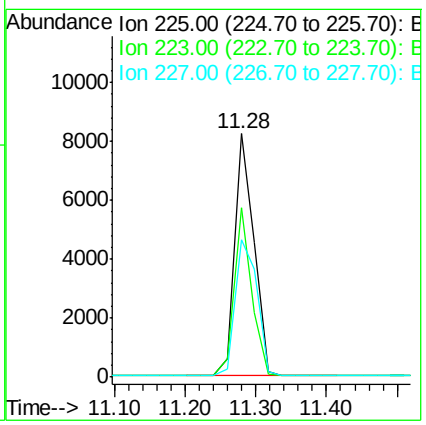


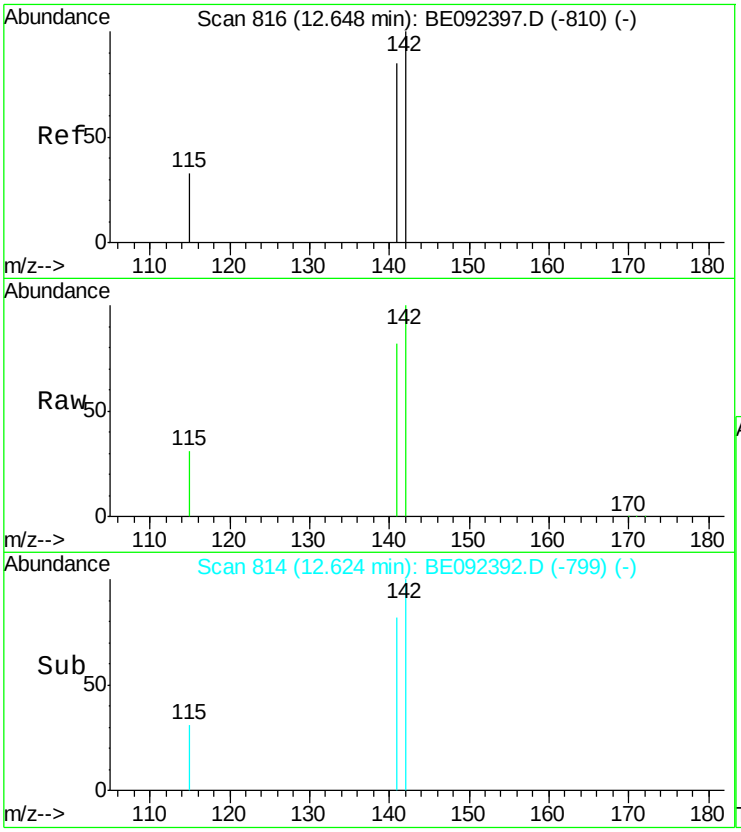


#10
Hexachlorobutadiene
Concen: 9.06 ng
RT: 11.28 min Scan# 725
Delta R.T. -0.02 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Tgt Ion:225 Resp: 15574

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	63.7	51.4	77.0



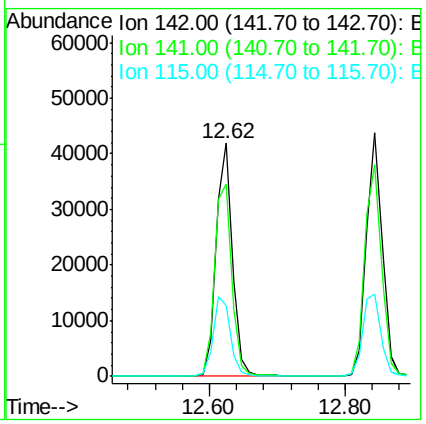


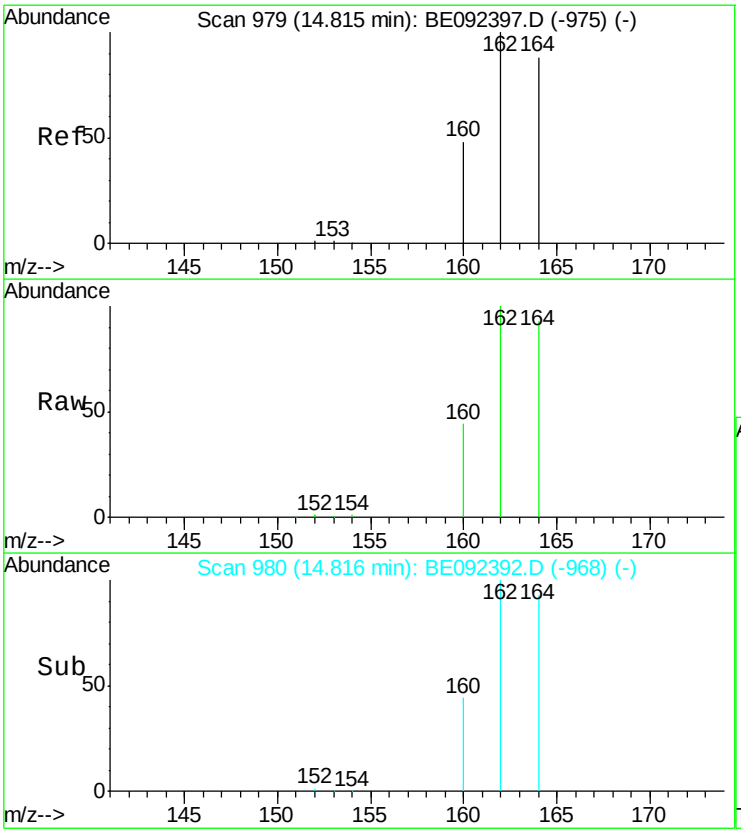
#11
2-Methylnaphthalene
Concen: 9.81 ng
RT: 12.62 min Scan# 814
Delta R.T. -0.02 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 70798

Ion	Ratio	Lower	Upper
142	100		
141	82.3	73.7	110.5
115	30.6	34.0	51.0#

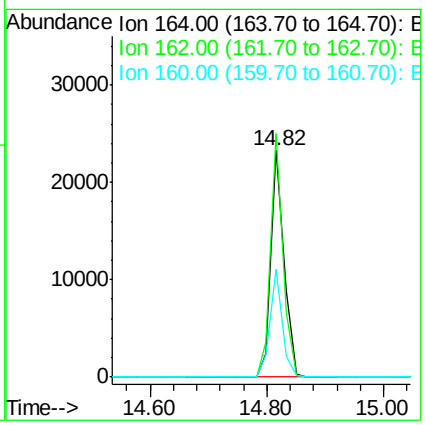


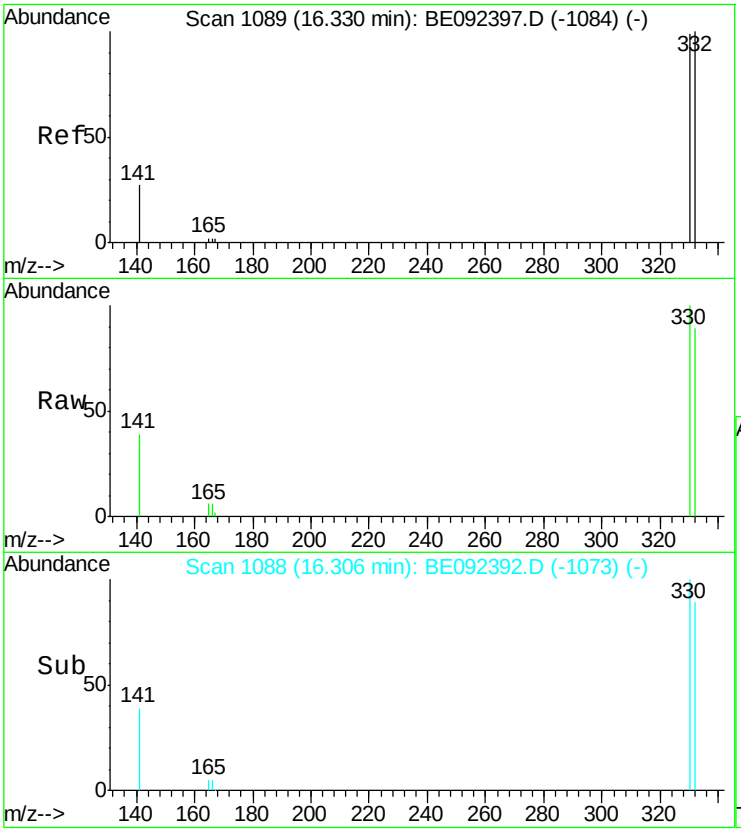


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.82 min Scan# 980
Delta R.T. 0.00 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Tgt Ion:164 Resp: 35407

Ion	Ratio	Lower	Upper
164	100		
162	107.4	71.4	107.0#
160	47.6	27.4	41.2#



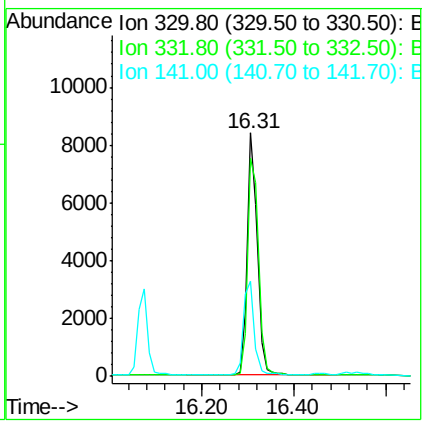


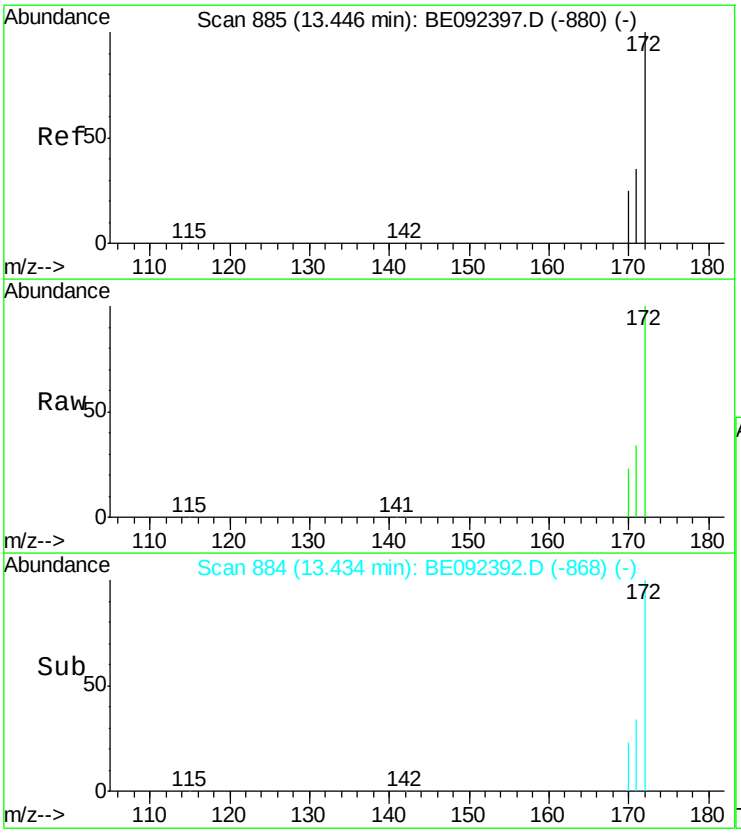
#13
2,4,6-Tribromophenol
Concen: 11.59 ng
RT: 16.31 min Scan# 1088
Delta R.T. -0.02 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 12715

Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.4	113.0
141	41.9	31.0	46.6

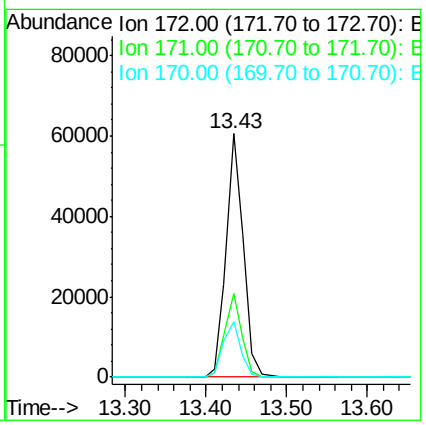


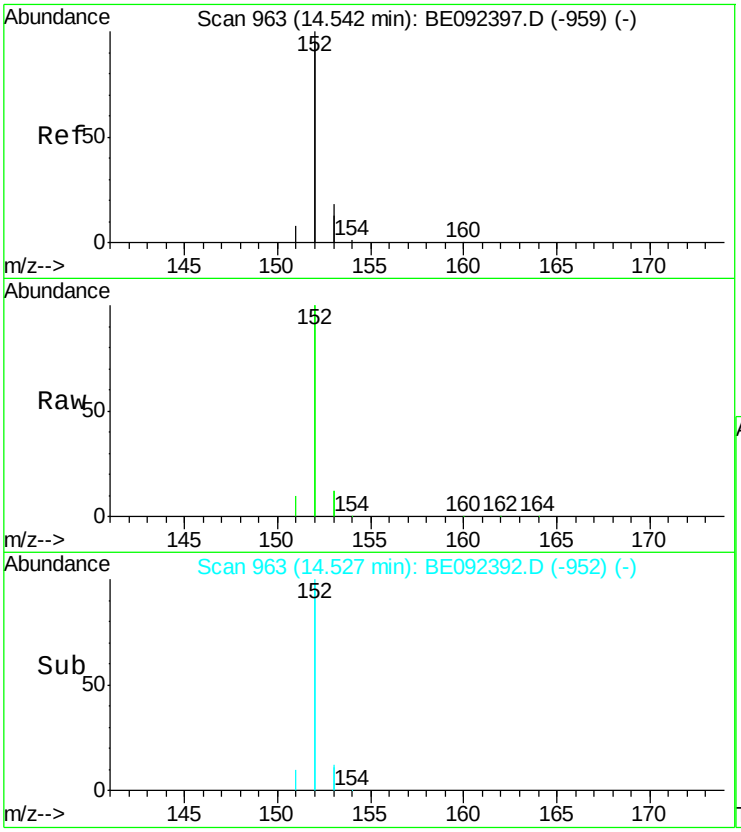


#14
2-Fluorobiphenyl
Concen: 8.18 ng
RT: 13.43 min Scan# 884
Delta R.T. -0.01 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Tgt Ion:172 Resp: 88864

Ion	Ratio	Lower	Upper
172	100		
171	34.1	30.1	45.1
170	22.8	21.8	32.6



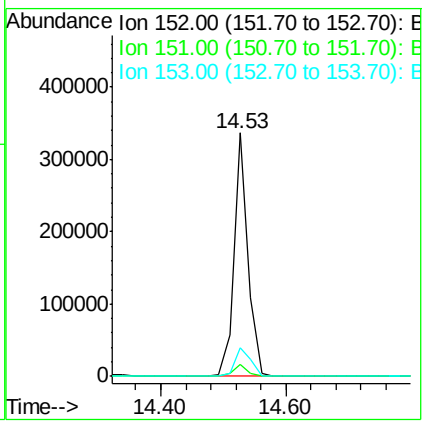


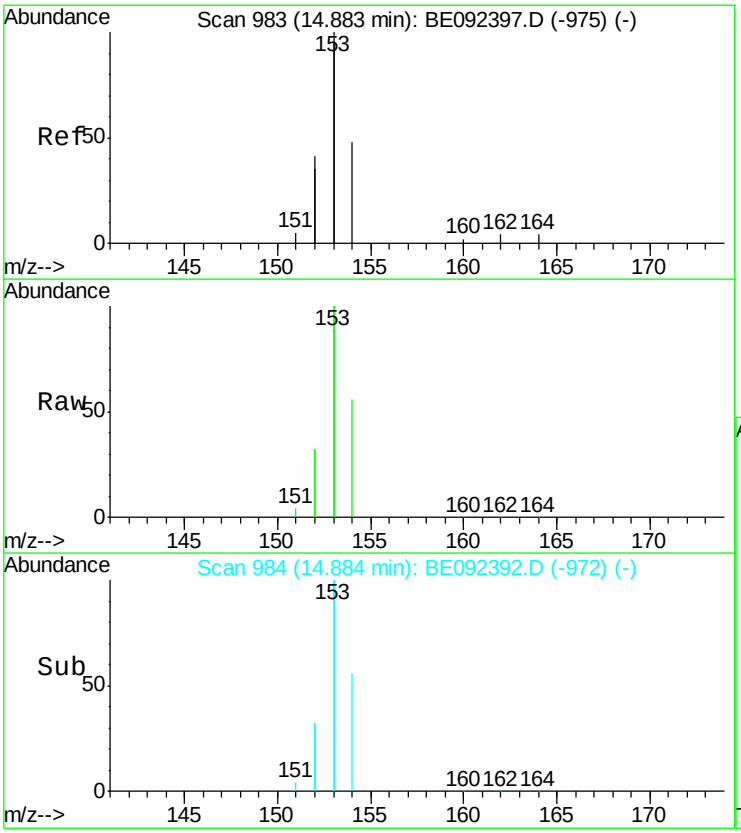
#15
Acenaphthylene
Concen: 8.57 ng
RT: 14.53 min Scan# 963
Delta R.T. -0.02 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 522565

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.2	10.4	15.6

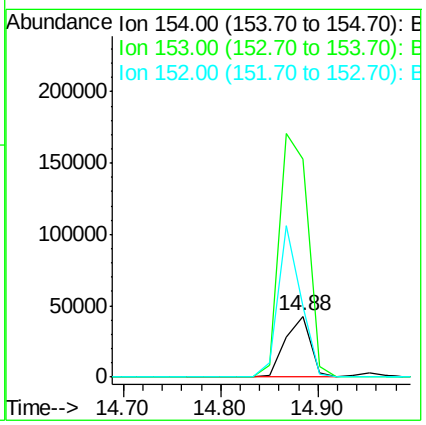


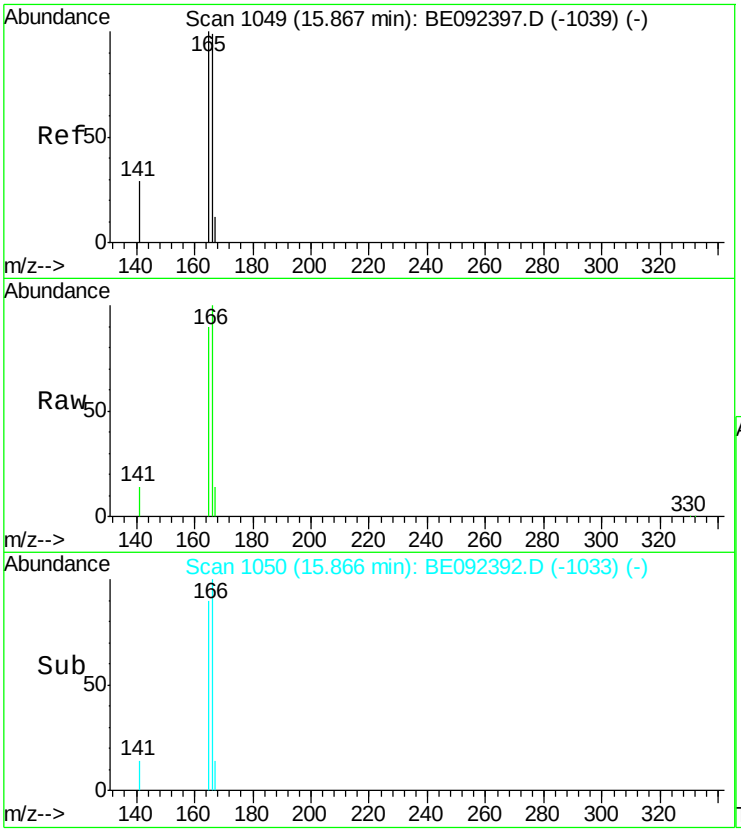


#16
Acenaphthene
Concen: 7.70 ng
RT: 14.88 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Tgt Ion:154 Resp: 76025

Ion	Ratio	Lower	Upper
154	100		
153	456.6	350.8	526.2
152	224.9	171.1	256.7



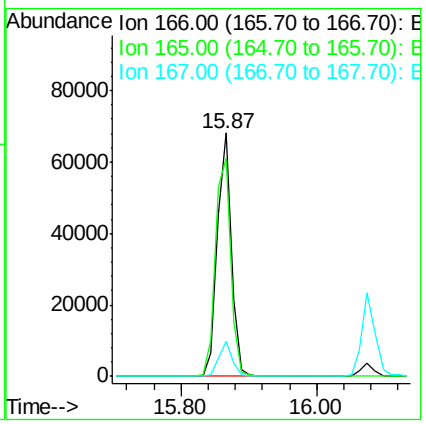


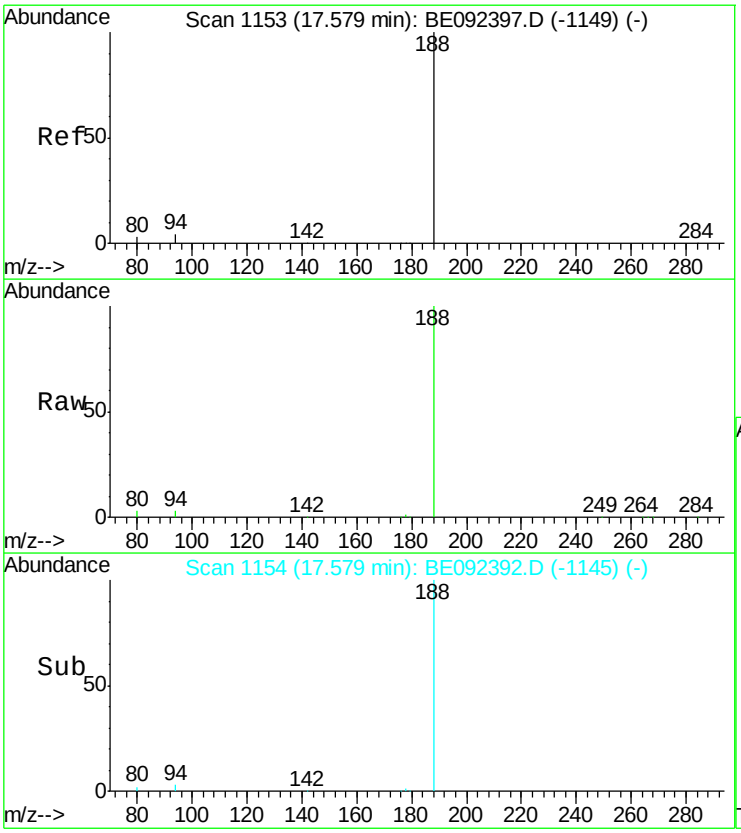
#17
Fluorene
Concen: 8.10 ng
RT: 15.87 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 100334

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.2	117.4
167	13.5	11.0	16.4

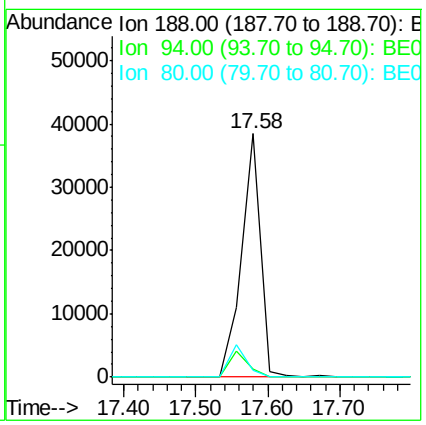


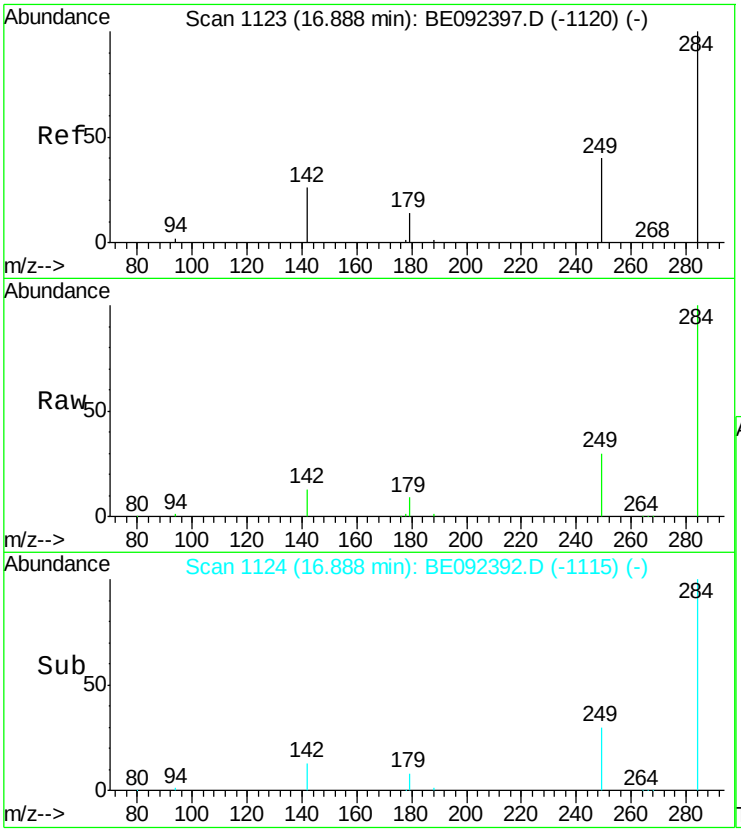


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Tgt Ion:188 Resp: 70301

Ion	Ratio	Lower	Upper
188	100		
94	3.4	3.2	4.8
80	2.7	2.6	3.8



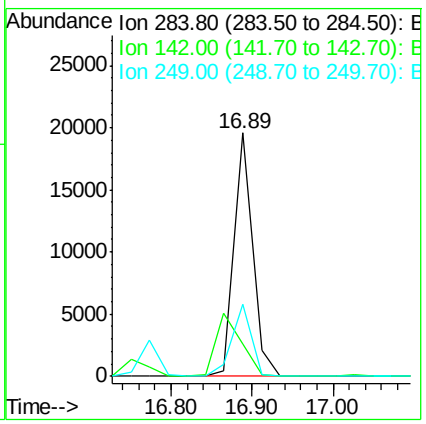


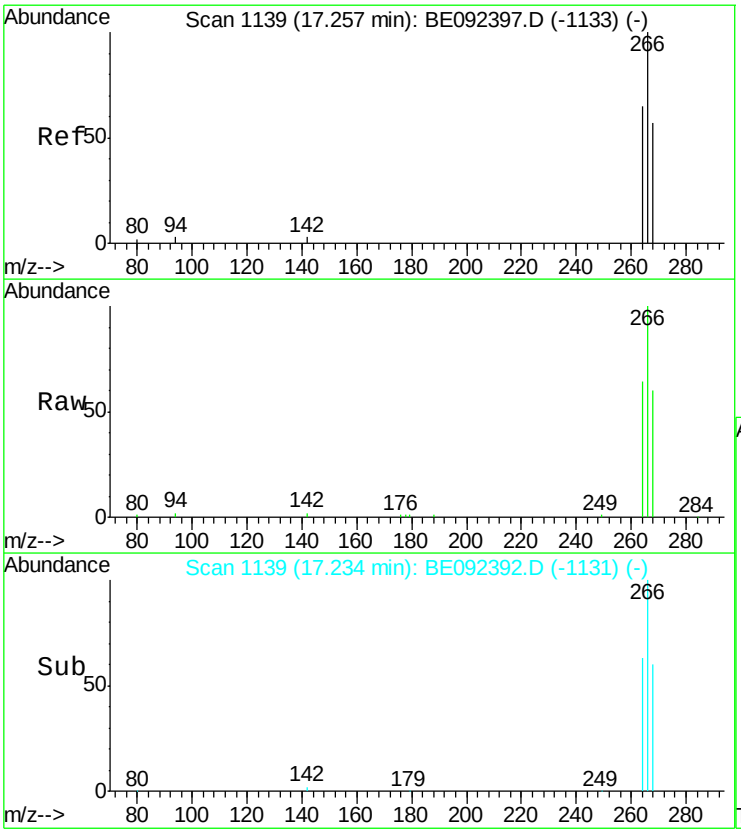
#19
Hexachlorobenzene
Concen: 9.06 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 30505

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

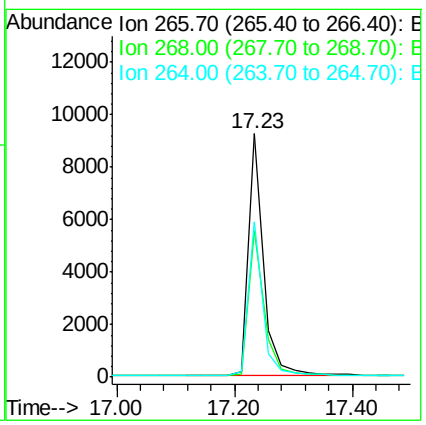


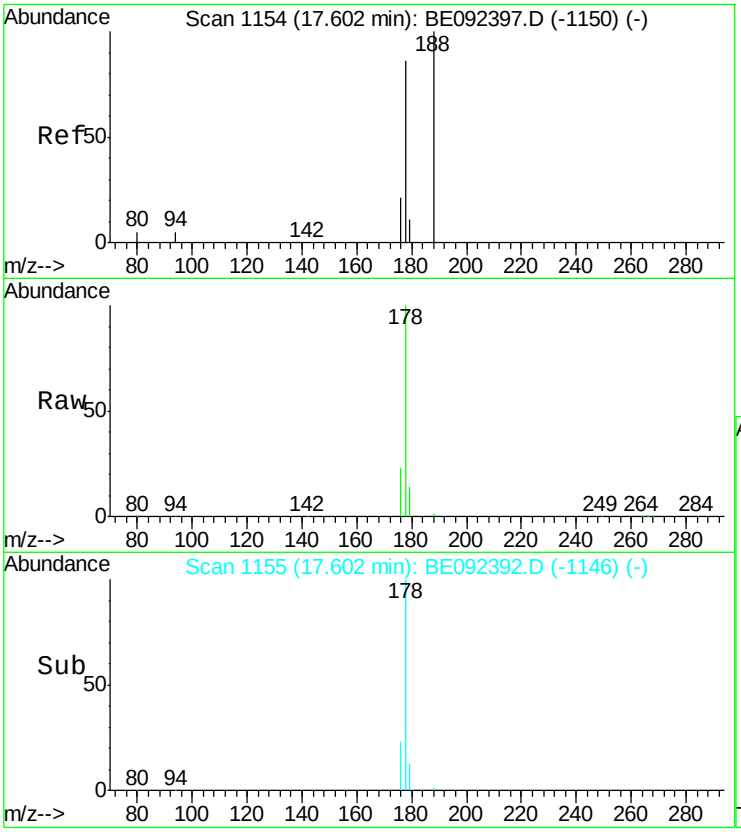


#20
Pentachlorophenol
Concen: 22.10 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Tgt Ion:266 Resp: 16535

Ion	Ratio	Lower	Upper
266	100		
268	60.2	62.5	93.7#
264	63.7	57.2	85.8



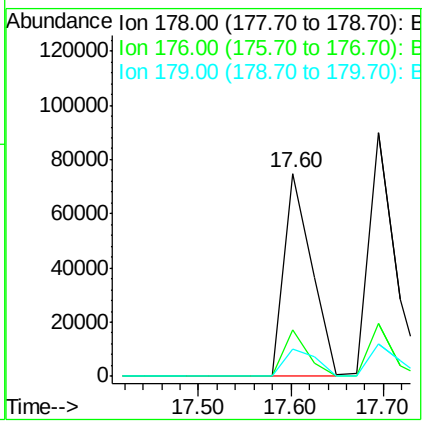


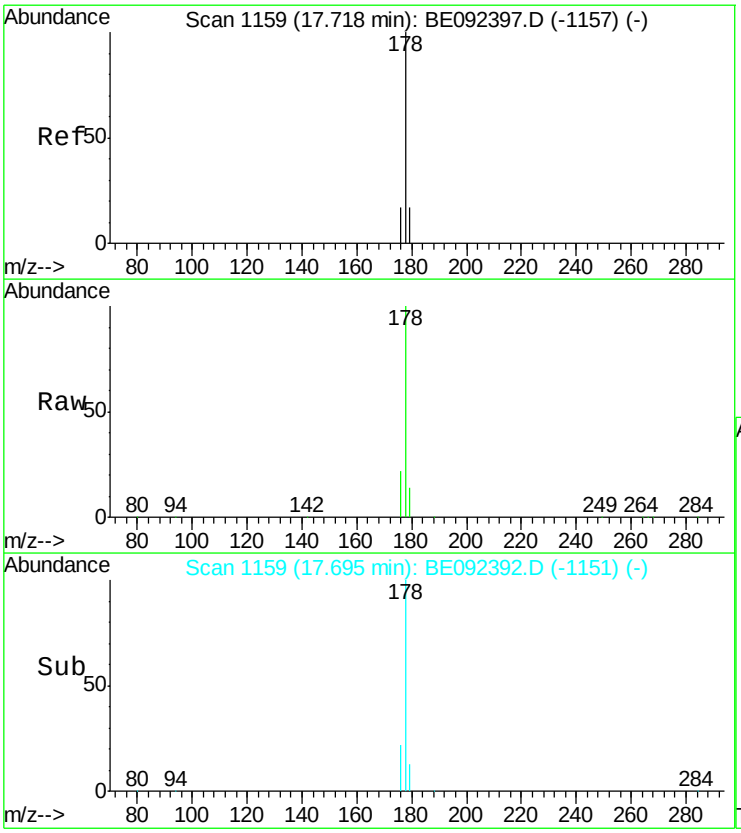
#21
Phenanthrene
Concen: 7.87 ng
RT: 17.60 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 155442

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.6	16.0	24.0#

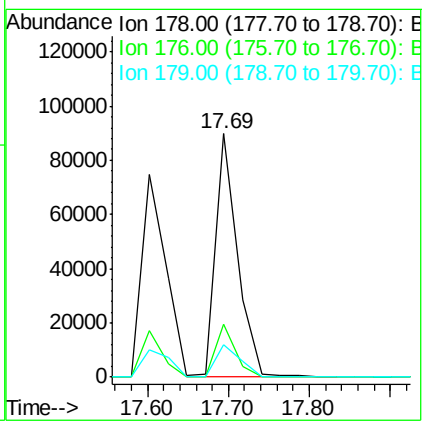


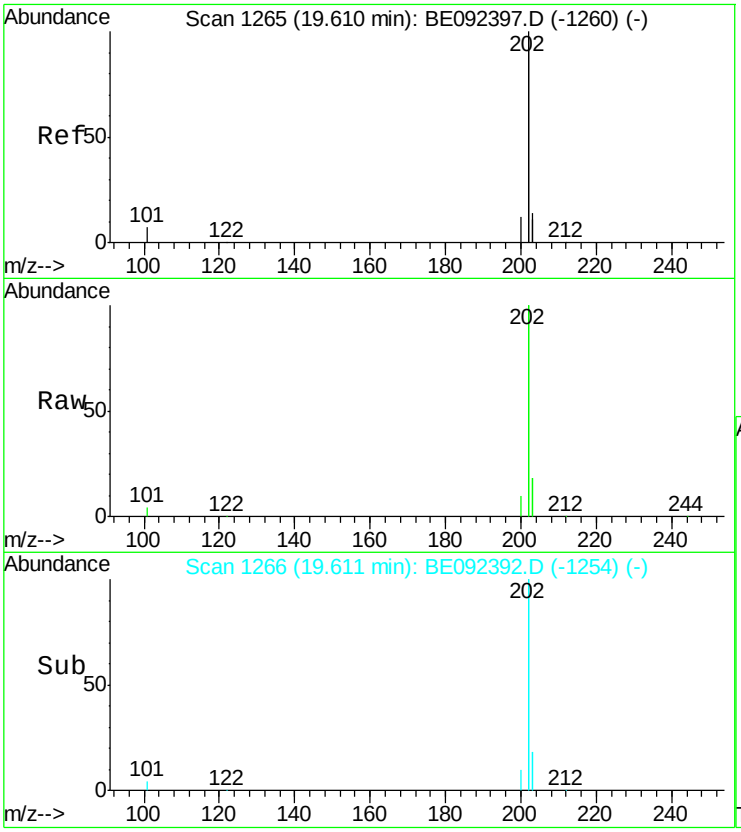


#22
Anthracene
Concen: 9.49 ng
RT: 17.69 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Tgt Ion:178 Resp: 166861

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.0	22.4
179	15.0	12.2	18.2



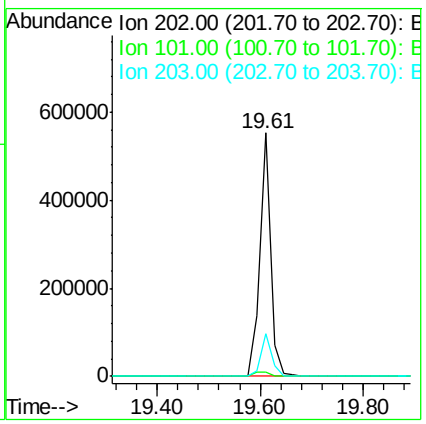


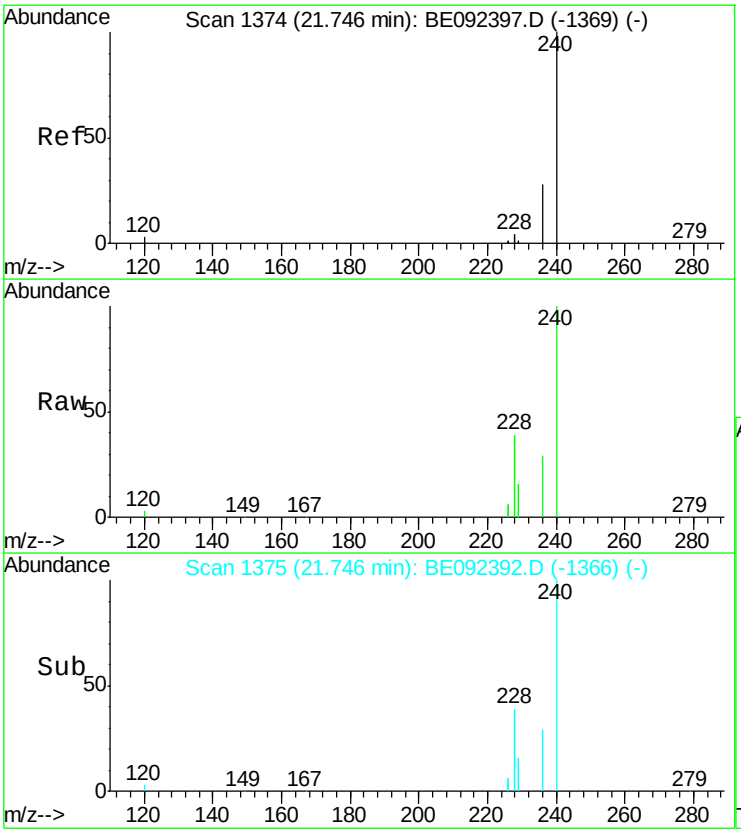
#23
Fluoranthene
Concen: 9.15 ng
RT: 19.61 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 789485

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.4	13.7	20.5

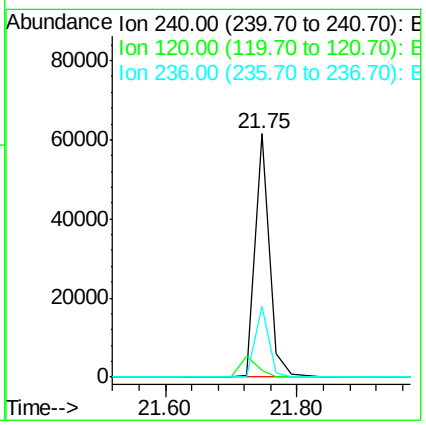


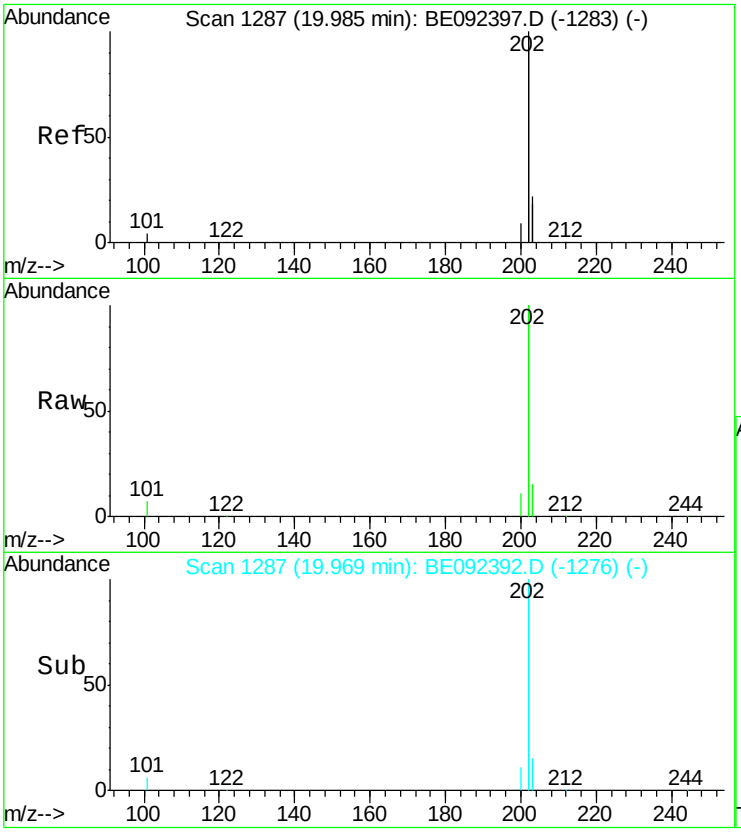


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Tgt Ion:240 Resp: 93679

Ion	Ratio	Lower	Upper
240	100		
120	2.7	2.6	4.0
236	29.3	24.6	37.0



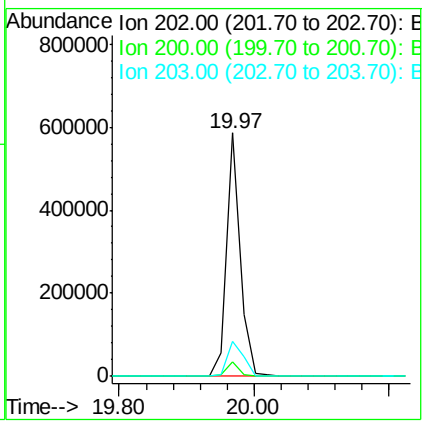


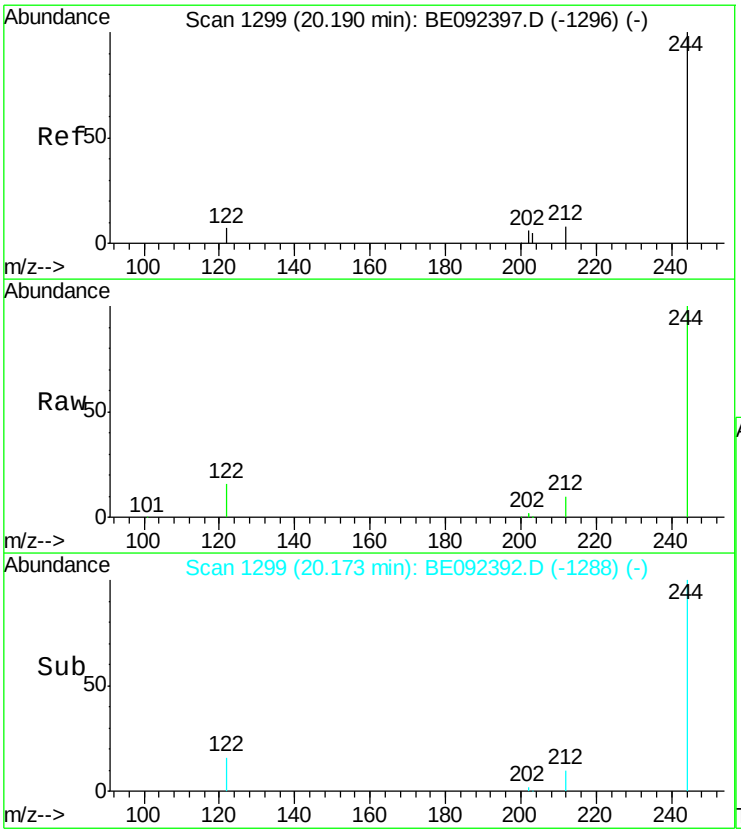
#25
Pyrene
Concen: 9.02 ng
RT: 19.97 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 822305

Ion	Ratio	Lower	Upper
202	100		
200	5.5	4.2	6.4
203	17.4	13.9	20.9

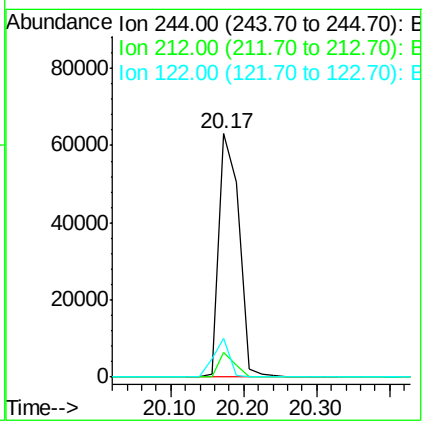


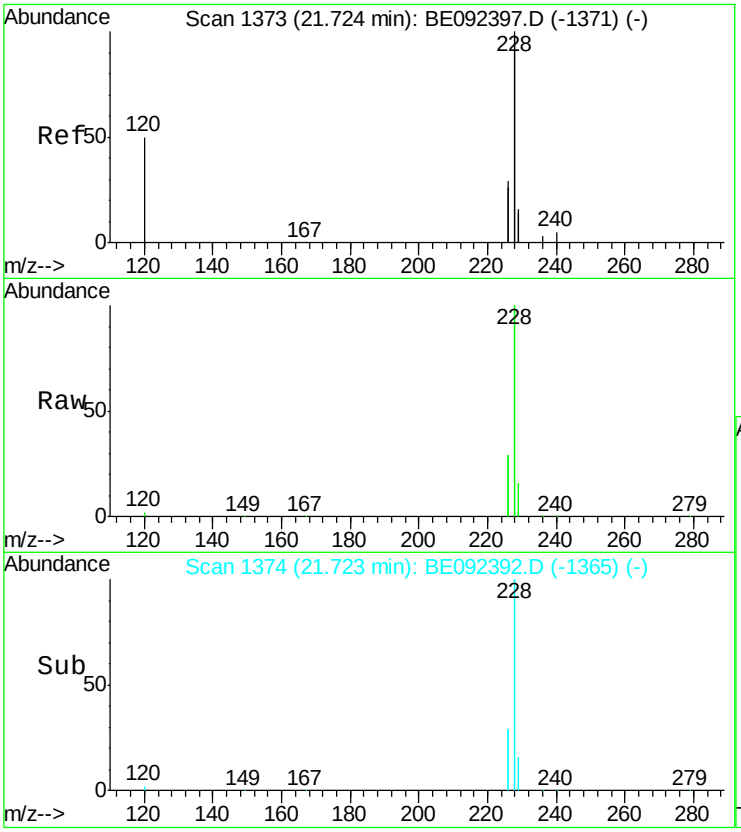


#26
Terphenyl-d14
Concen: 8.70 ng
RT: 20.17 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Tgt Ion:244 Resp: 120504

Ion	Ratio	Lower	Upper
244	100		
212	9.9	6.7	10.1
122	16.2	3.6	5.4#



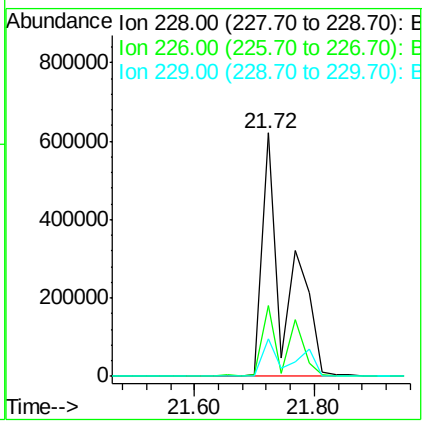


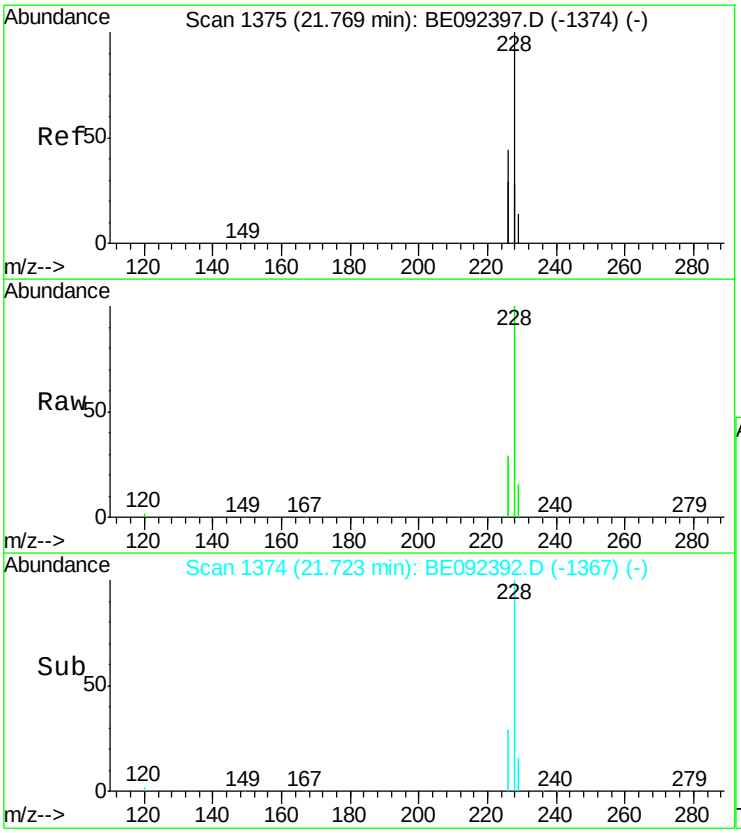
#27
Benzo(a)anthracene
Concen: 16.43 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 1660765

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.6	35.4
229	15.7	13.3	19.9

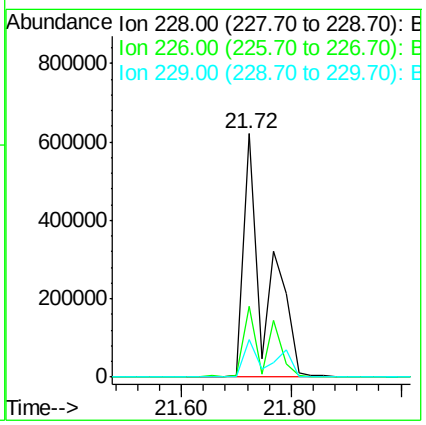


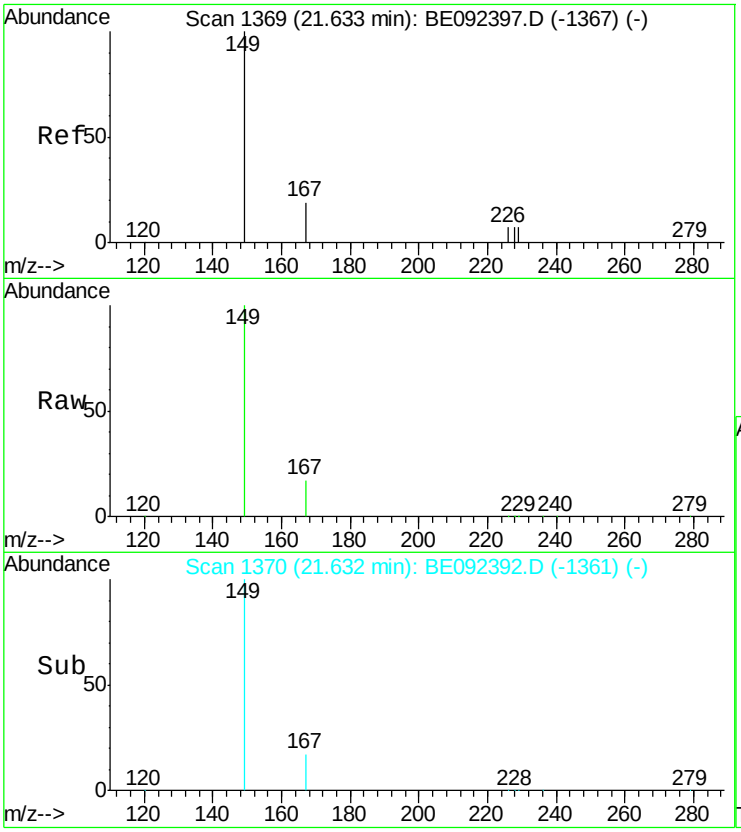


#28
Chrysene
Concen: 15.98 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.05 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Tgt Ion:228 Resp: 1667652

Ion	Ratio	Lower	Upper
228	100		
226	29.1	36.3	54.5#
229	15.7	10.6	16.0



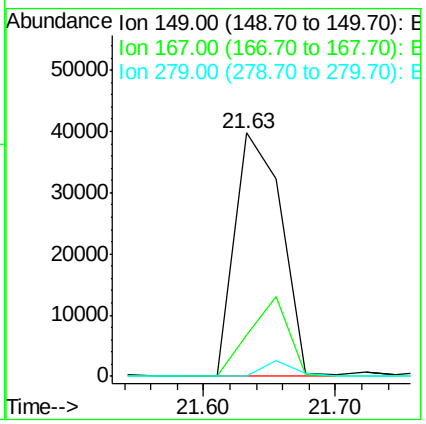


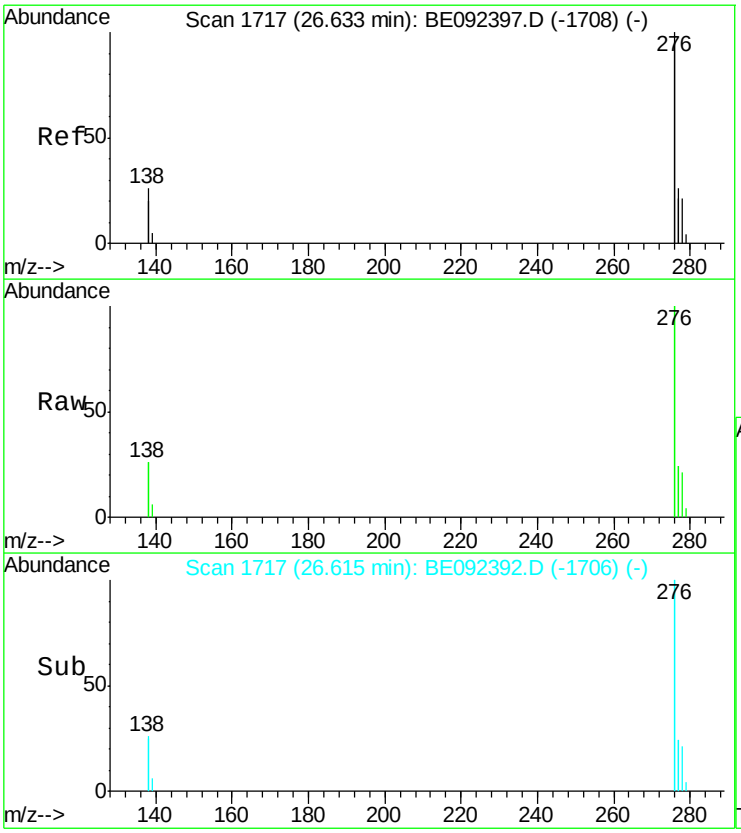
#29
Bis(2-ethylhexyl)phthalate
Concen: 7.00 ng
RT: 21.63 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 98235

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

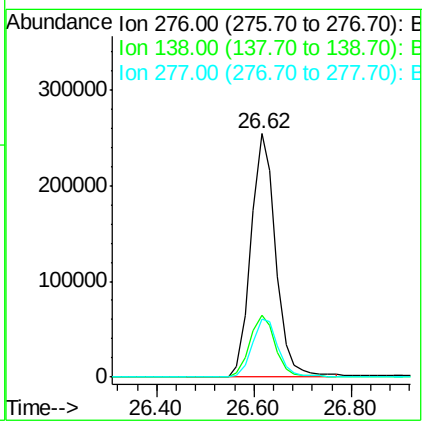


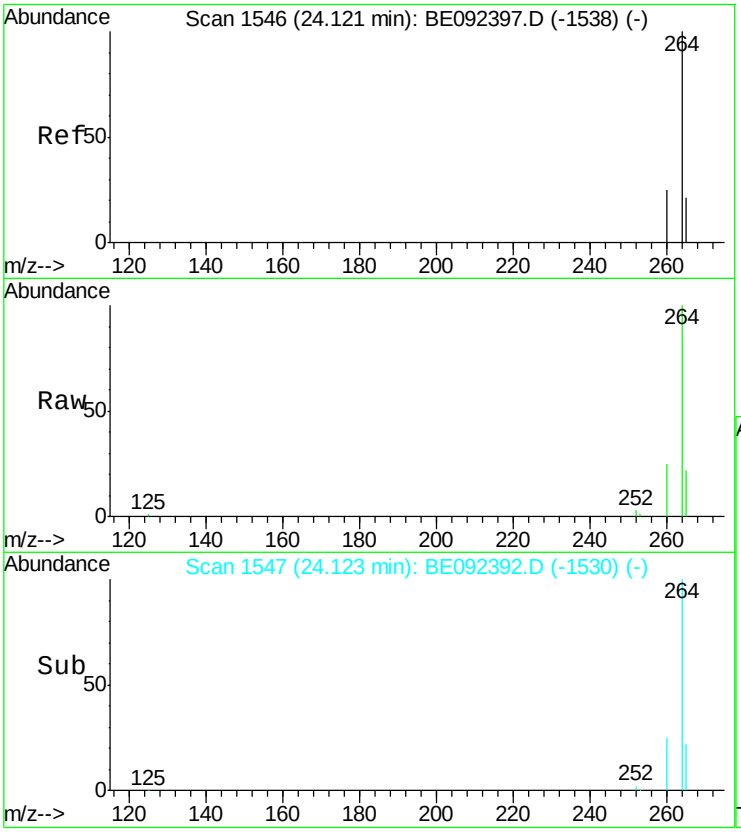


#30
Indeno(1,2,3-cd)pyrene
Concen: 8.54 ng
RT: 26.62 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Tgt Ion:276 Resp: 909711

Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.3	30.5
277	24.9	19.7	29.5



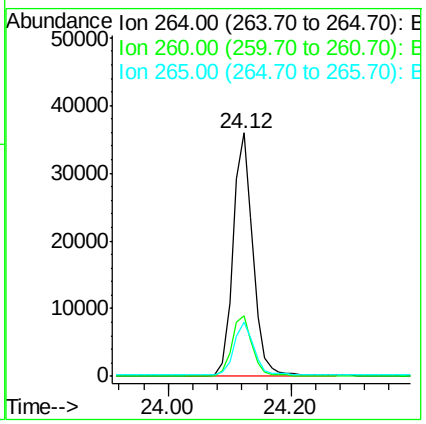


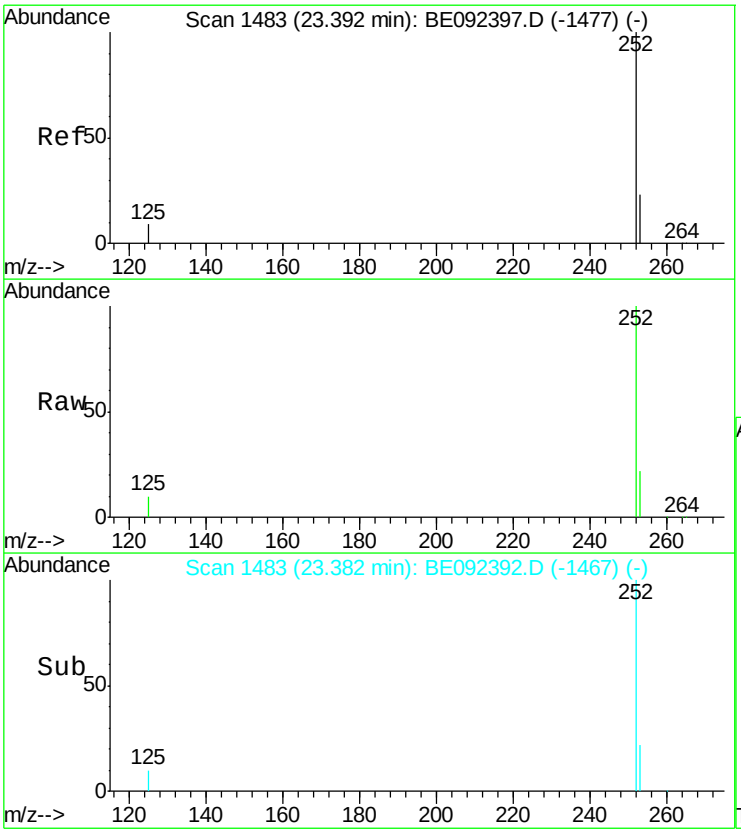
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 80852

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	22.4	17.9	26.9

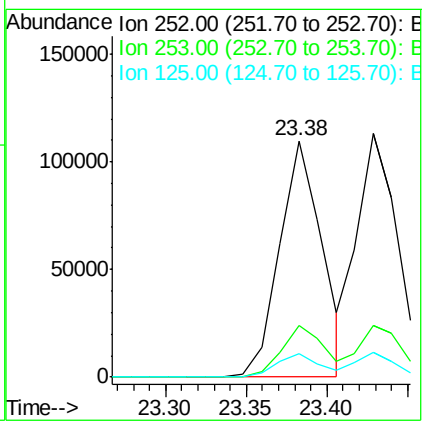


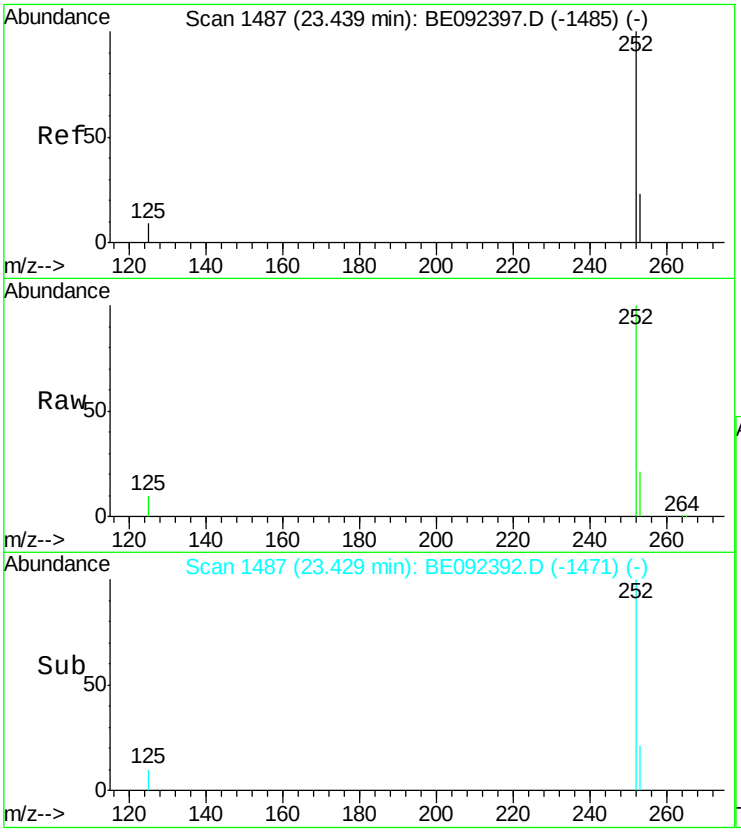


#32
Benzo(b)fluoranthene
Concen: 9.68 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Tgt Ion:252 Resp: 200995

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.7	28.1
125	10.2	10.5	15.7#



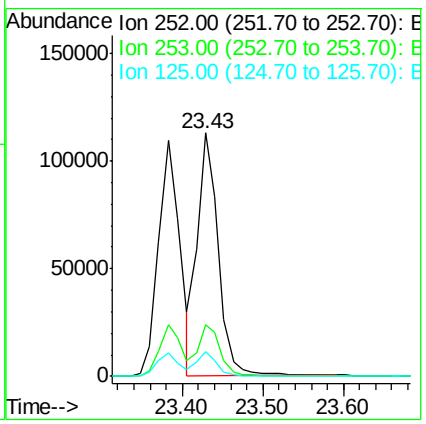


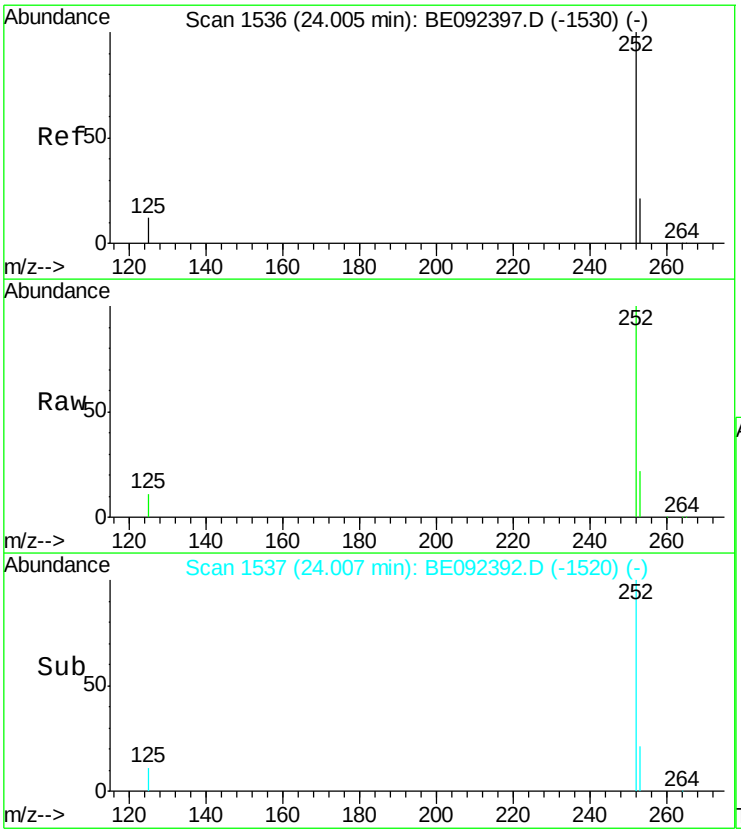
#33
Benzo(k)fluoranthene
Concen: 9.35 ng
RT: 23.43 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 205246

Ion	Ratio	Lower	Upper
252	100		
253	21.0	20.3	30.5
125	10.3	9.6	14.4

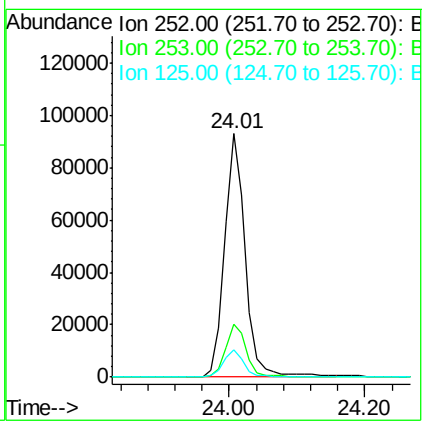


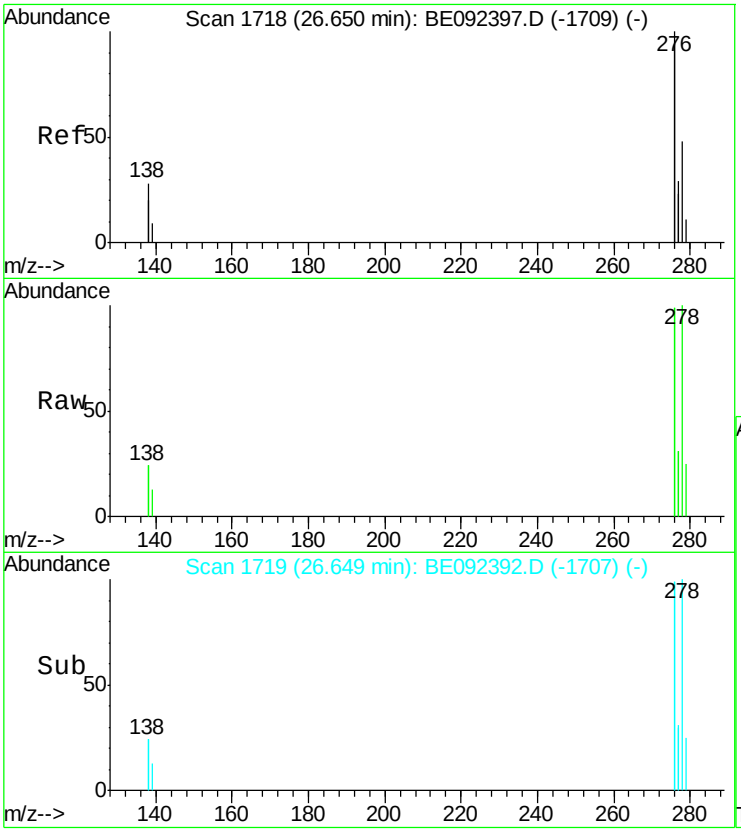


#34
Benzo(a)pyrene
Concen: 9.63 ng
RT: 24.01 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Tgt Ion:252 Resp: 196975

Ion	Ratio	Lower	Upper
252	100		
253	21.5	19.0	28.6
125	11.1	11.8	17.8#



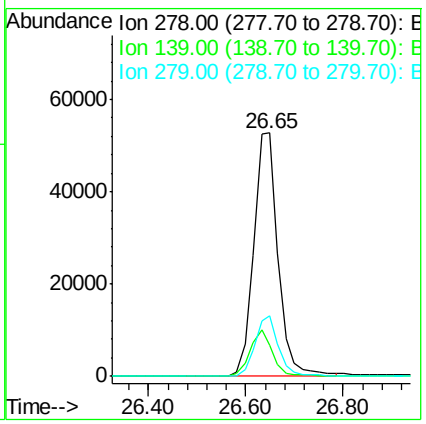


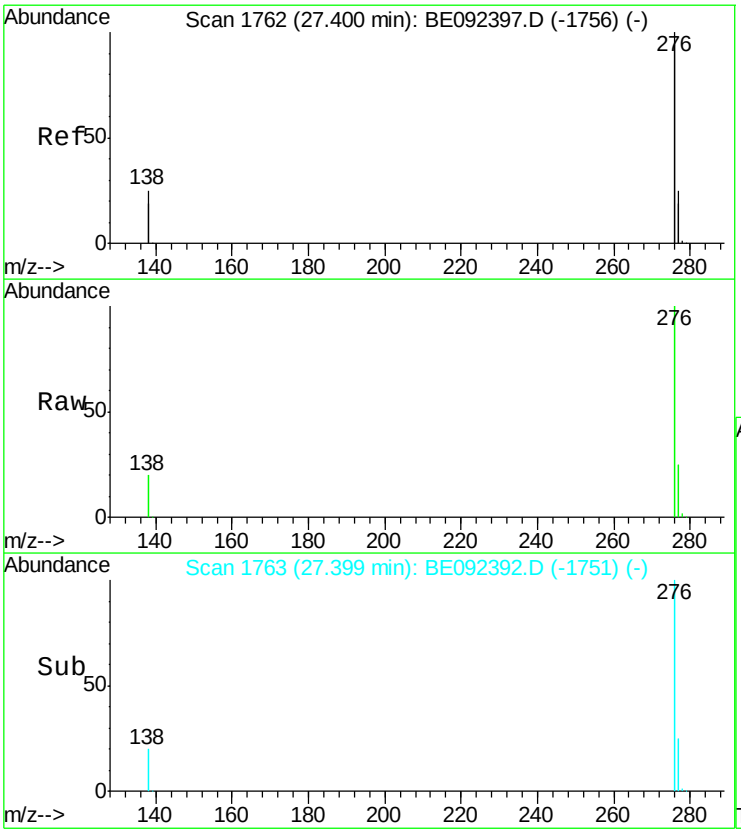
#35
Dibenzo(a,h)anthracene
Concen: 9.81 ng
RT: 26.65 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 185604

Ion	Ratio	Lower	Upper
278	100		
139	13.0	13.8	20.8#
279	24.9	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 9.62 ng
RT: 27.40 min Scan# 1763
Delta R.T. -0.00 min
Lab File: BE092392.D
Acq: 22 Sep 2016 12:51

Tgt Ion:276 Resp: 767272

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.8	29.8
138	19.9	19.8	29.6