Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE091216\
Data File : BE092375.D
Acq On : 12 Sep 2016 17:11
Operator : UM/SJ
Sample : H4758-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 12 18:43:55 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 19:34:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	11175	5.00	ng		-0.02
7) Naphthalene-d8	10.95	136	50113	5.00	ng		0.00
12) Acenaphthene-d10	14.81	164	29027	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	73367	5.00	ng		0.00
24) Chrysene-d12	21.75	240	95552	5.00	ng		0.00
31) Perylene-d12	24.10	264	94939	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.67	112	19652	7.40	ng		-0.02
5) Phenol-d6	7.34	99	26616	7.51	ng		-0.02
8) Nitrobenzene-d5	9.34	82	12005	3.33	ng		-0.02
13) 2,4,6-Tribromophenol	16.30	330	8162	9.08	ng		-0.02
14) 2-Fluorobiphenyl	13.43	172	25731	2.89	ng		-0.01
26) Terphenyl-d14	20.17	244	40156	2.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	6	Below Cal		#	19
3) n-Nitrosodimethylamine	3.70	42	33	0.10	ng	#	1
6) bis(2-Chloroethyl)ether	7.59	93	41	0.08	ng	#	15
9) Naphthalene	10.99	128	470	0.04	ng	#	64
11) 2-Methylnaphthalene	12.62	142	239	0.03	ng	#	88
15) Acenaphthylene	14.53	152	19030	0.38	ng		100
16) Acenaphthene	14.87	154	578	0.07	ng		75
17) Fluorene	15.81	166	240	0.02	ng		82
20) Pentachlorophenol	17.23	266	126	0.23	ng		89
21) Phenanthrene	17.60	178	16433	0.80	ng		96
22) Anthracene	17.70	178	7513	0.41	ng		96
23) Fluoranthene	19.59	202	214934	2.39	ng		100
25) Pyrene	19.95	202	243113	2.62	ng	#	94
27) Benzo(a)anthracene	21.77	228	339956	3.30	ng	#	83
28) Chrysene	21.77	228	340130	3.54	ng	#	66
29) Bis(2-ethylhexyl)phthalate	21.63	149	71222	Below Cal		#	68
30) Indeno(1,2,3-cd)pyrene	26.58	276	84431	0.78	ng		97
32) Benzo(b)fluoranthene	23.37	252	69576	2.85	ng	#	92
33) Benzo(k)fluoranthene	23.37	252	69576	2.70	ng	#	94
34) Benzo(a)pyrene	23.98	252	32202	1.34	ng	#	96
35) Dibenzo(a,h)anthracene	26.58	278	5040	0.23	ng	#	59
36) Benzo(g,h,i)perylene	27.35	276	89078	0.95	ng		95

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

Quantitation Report (Not Reviewed)

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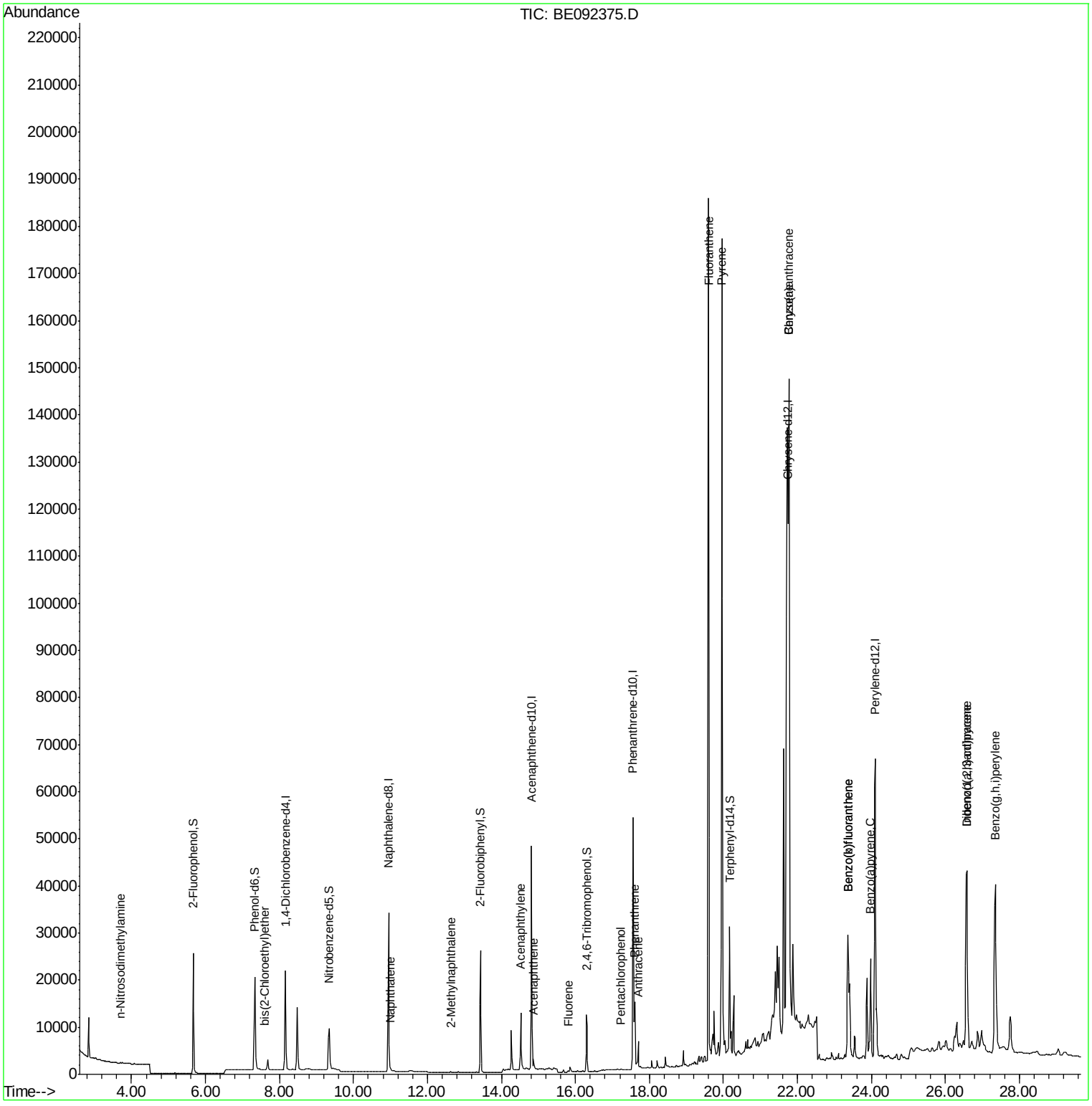
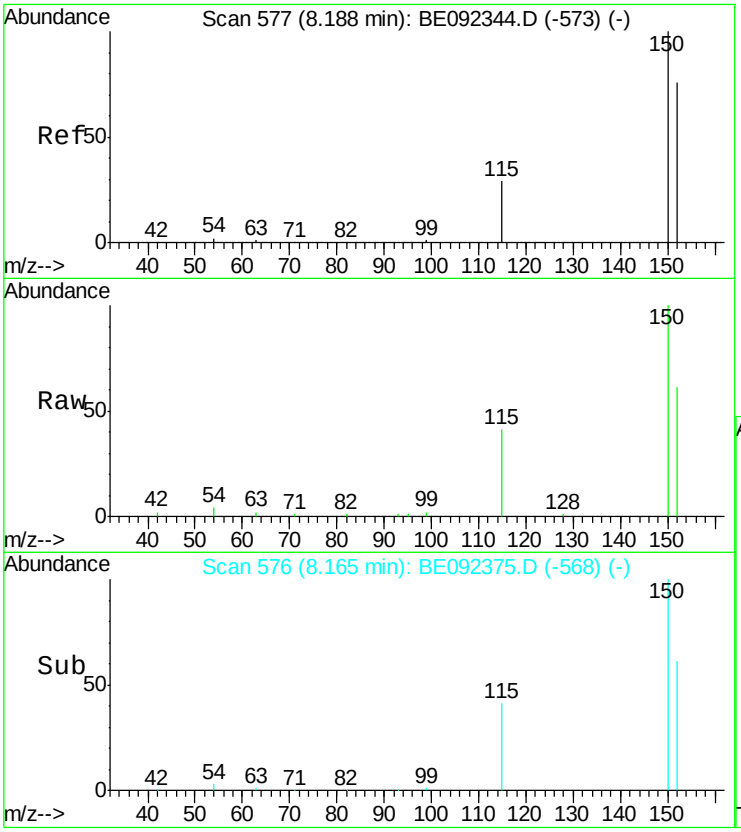
Data File : BE092375.D
Acq On : 12 Sep 2016 17:11
Operator : UM/SJ
Sample : H4758-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 12 18:43:55 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 19:34:51 2016
Response via : Initial Calibration



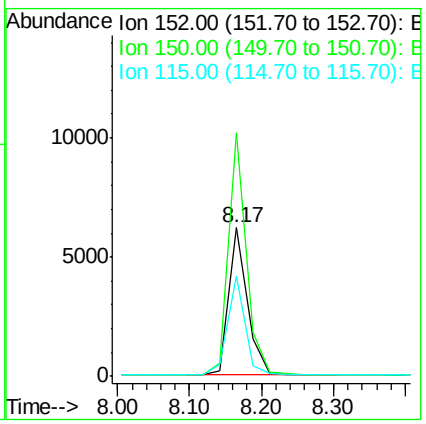


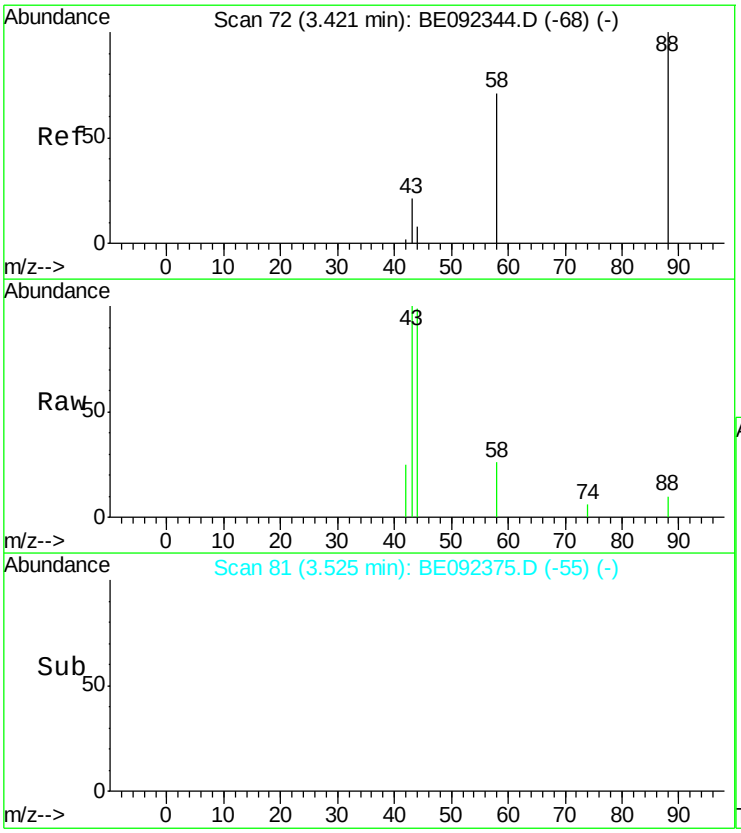
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 11175

Ion	Ratio	Lower	Upper
152	100		
150	163.6	106.0	159.0#
115	67.2	31.2	46.8#

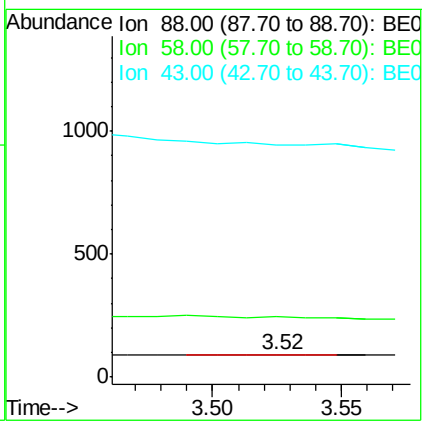


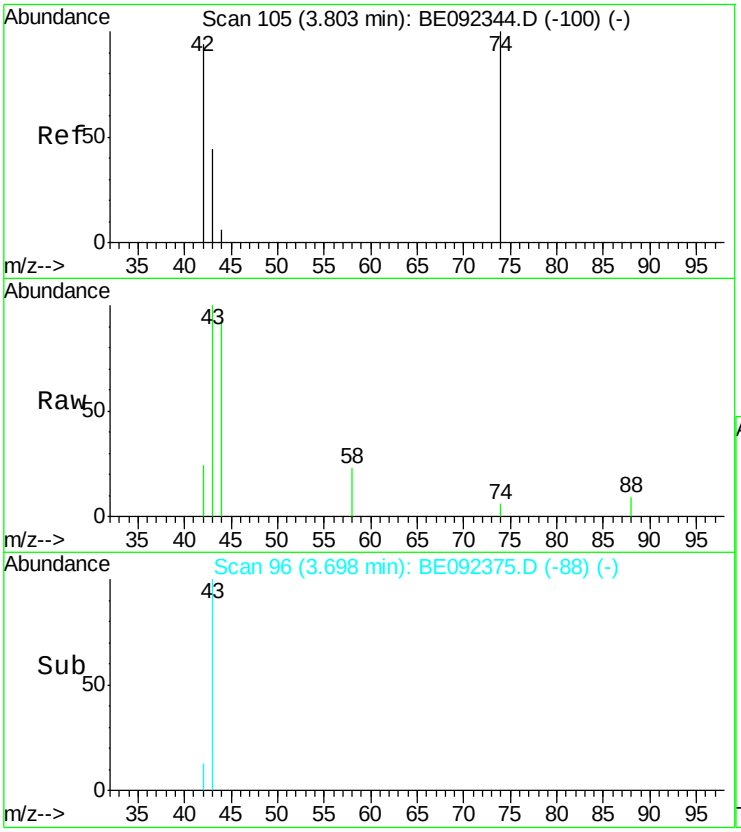


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.52 min Scan# 81
Delta R.T. 0.10 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Tgt Ion: 88 Resp: 6

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.6	95.4#
43	0.0	28.0	42.0#



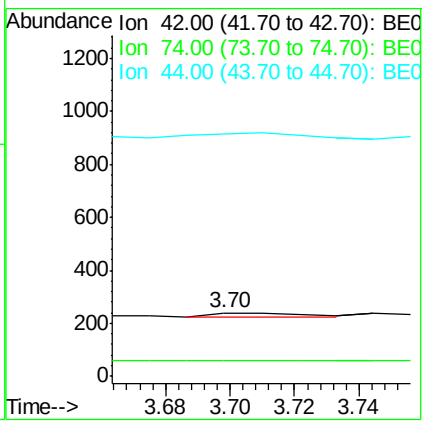


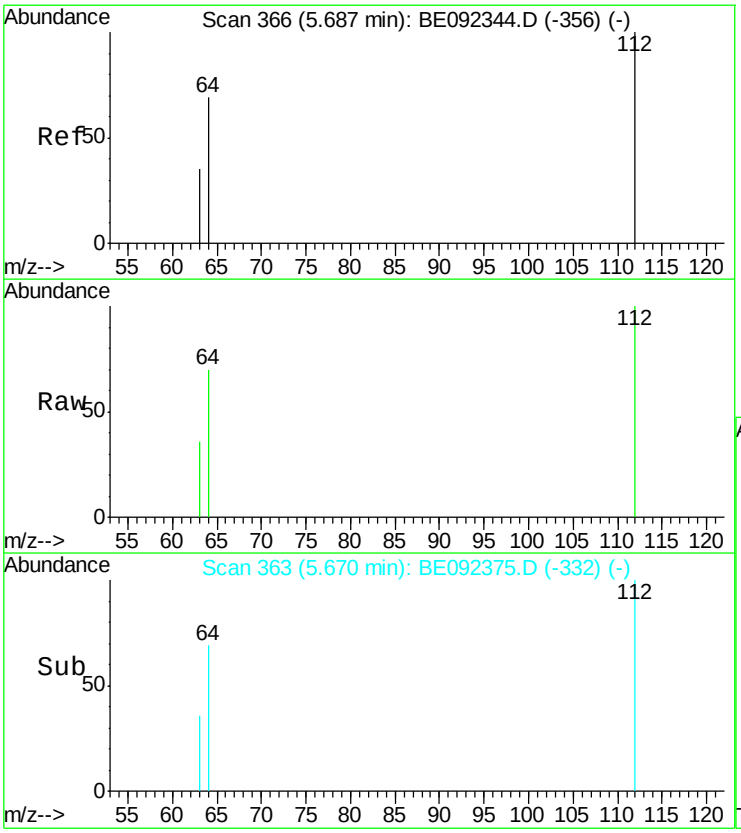
#3
n-Nitrosodimethylamine
Concen: 0.10 ng
RT: 3.70 min Scan# 96
Delta R.T. -0.10 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 33

Ion	Ratio	Lower	Upper
42	100		
74	18.2	86.0	129.0#
44	518.2	5.1	7.7#

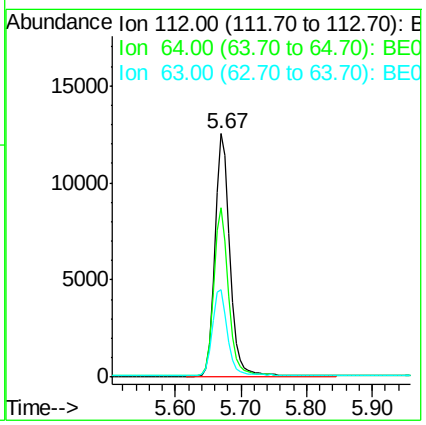


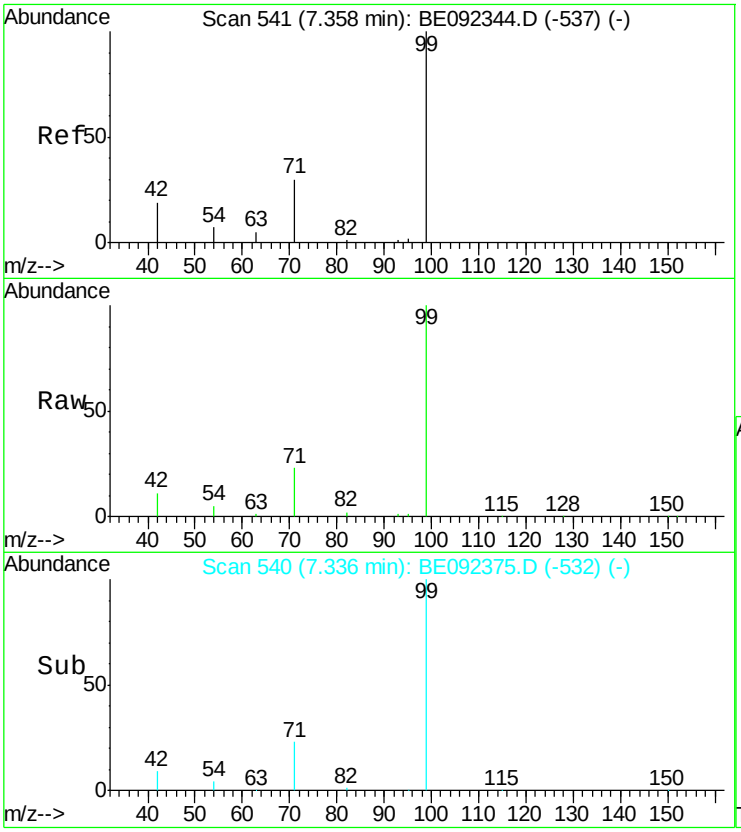


#4
2-Fluorophenol
Concen: 7.40 ng
RT: 5.67 min Scan# 363
Delta R.T. -0.02 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Tgt Ion:112 Resp: 19652

Ion	Ratio	Lower	Upper
112	100		
64	68.8	53.5	80.3
63	37.3	27.9	41.9



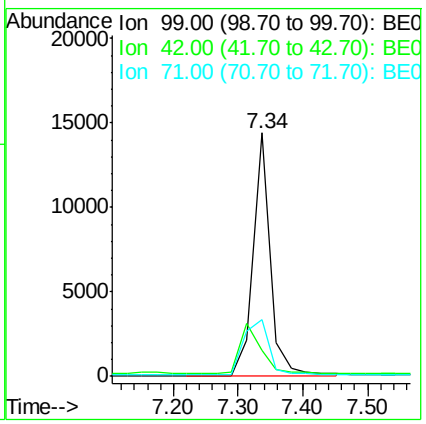


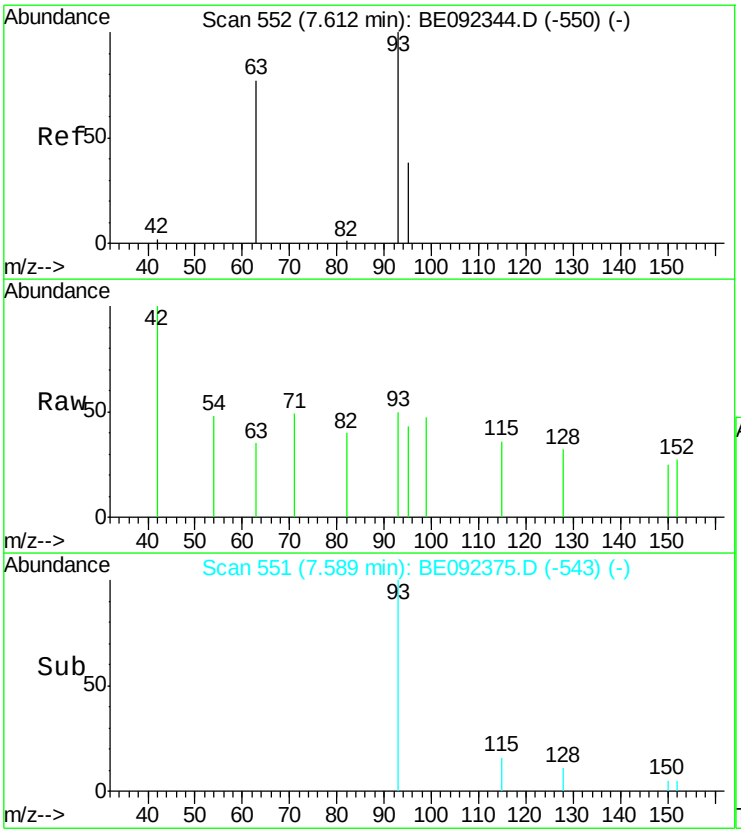
#5
Phenol-d6
Concen: 7.51 ng
RT: 7.34 min Scan# 540
Delta R.T. -0.02 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 26616

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	34.0	30.6	45.8

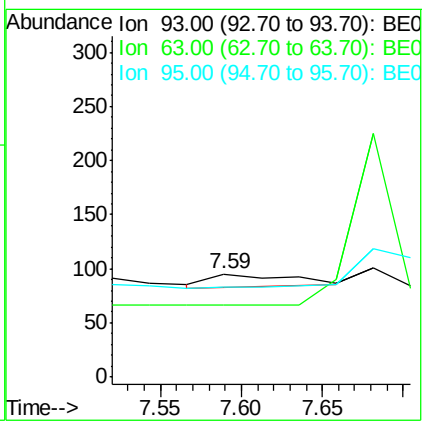


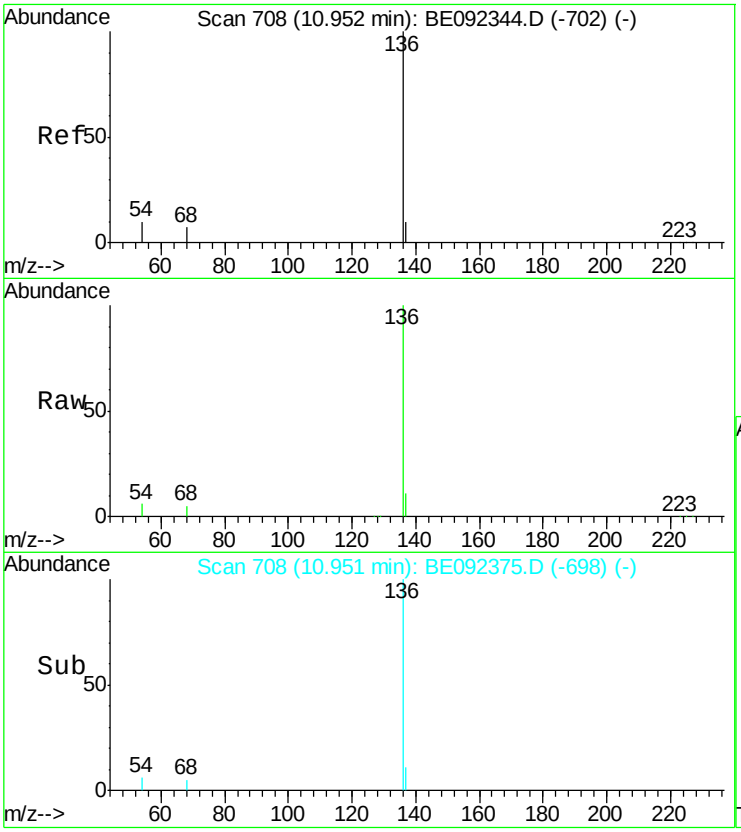


#6
bis(2-Chloroethyl)ether
Concen: 0.08 ng
RT: 7.59 min Scan# 551
Delta R.T. -0.02 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Tgt Ion: 93 Resp: 41

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



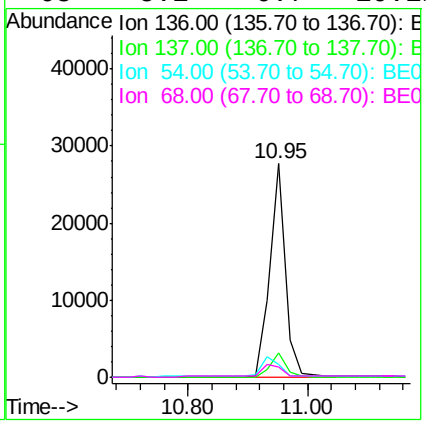


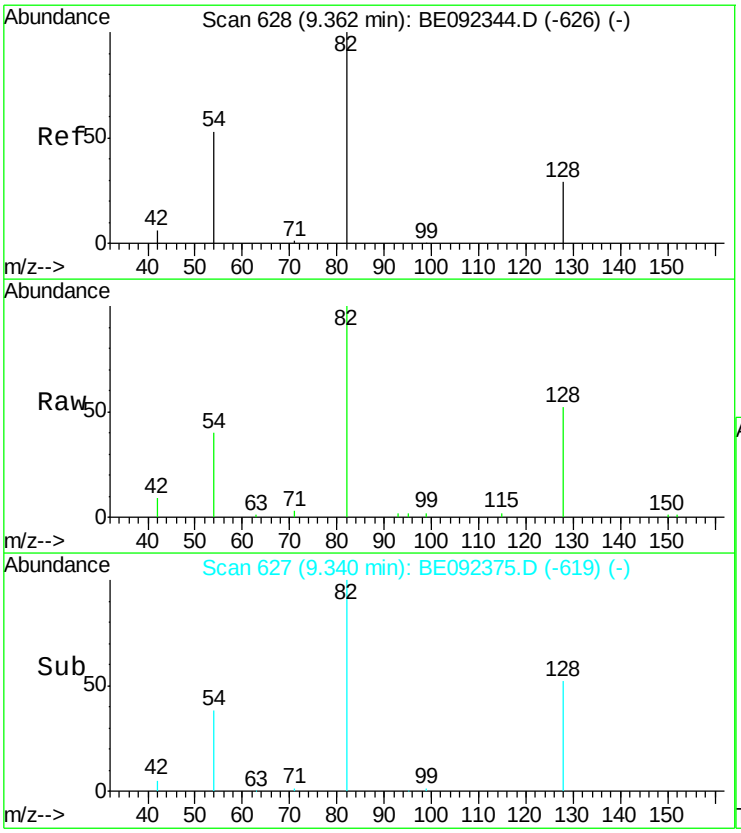
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 50113

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.4
54	6.3	9.6	14.4#
68	5.1	6.7	10.1#

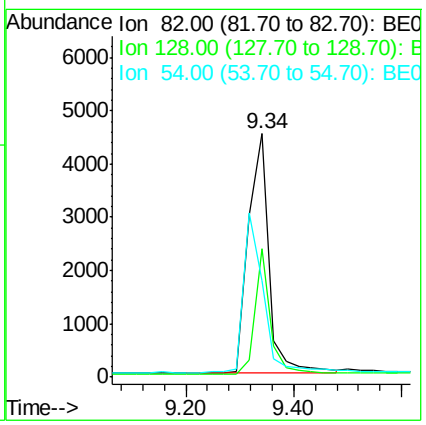


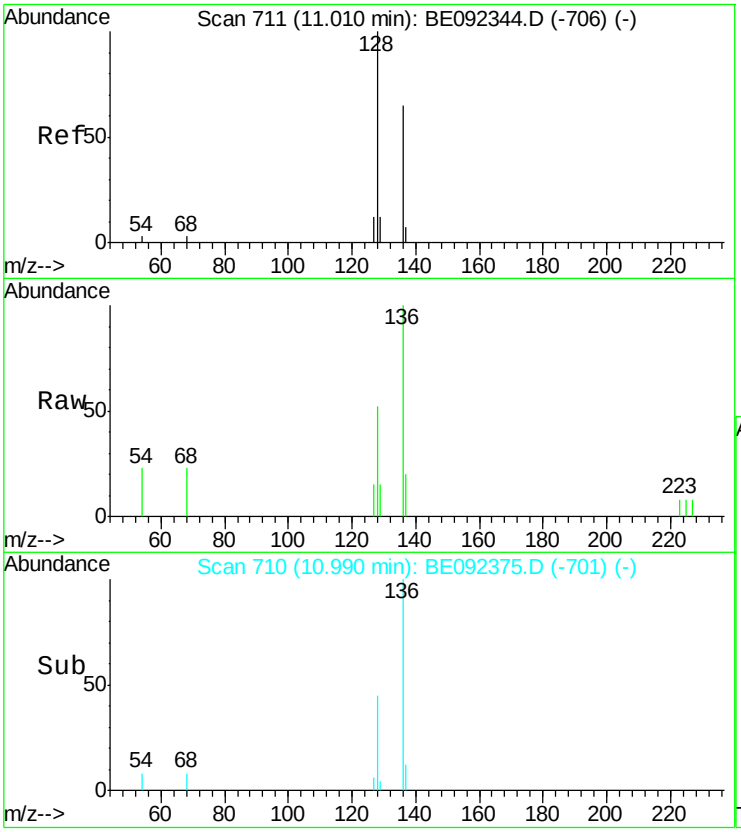


#8
Nitrobenzene-d5
Concen: 3.33 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Tgt Ion: 82 Resp: 12005

Ion	Ratio	Lower	Upper
82	100		
128	52.5	39.0	58.4
54	39.6	44.8	67.2#



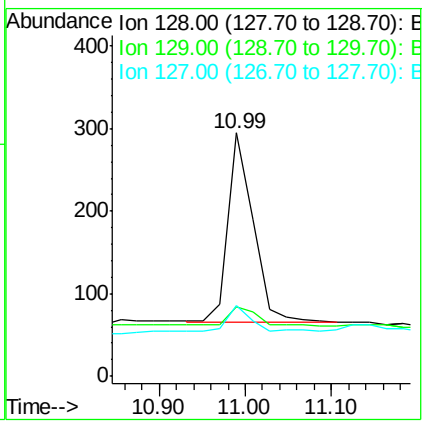


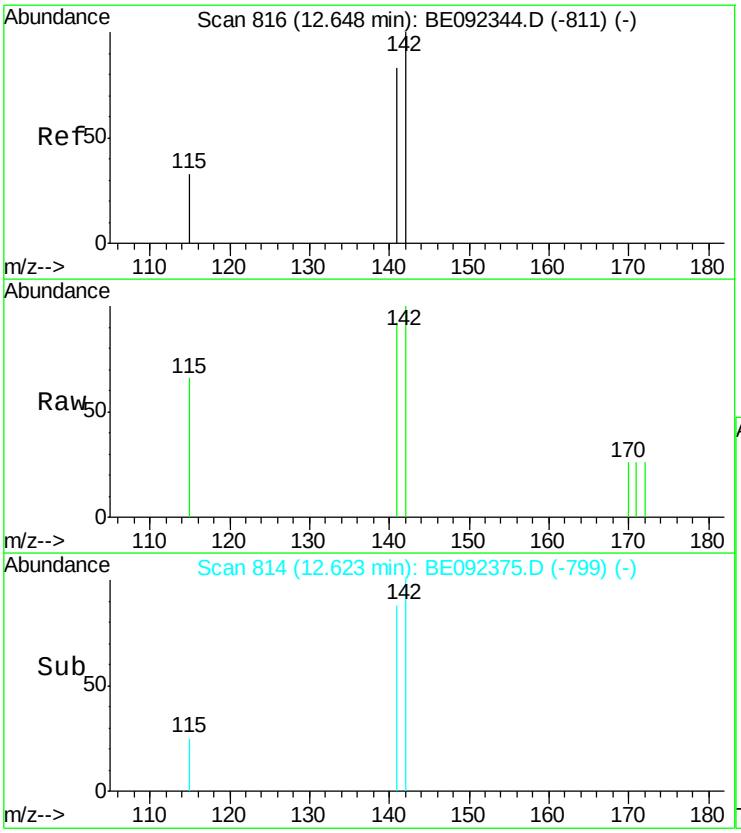
#9
Naphthalene
Concen: 0.04 ng
RT: 10.99 min Scan# 710
Delta R.T. -0.02 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 470

Ion	Ratio	Lower	Upper
128	100		
129	28.5	11.2	16.8#
127	29.2	11.6	17.4#

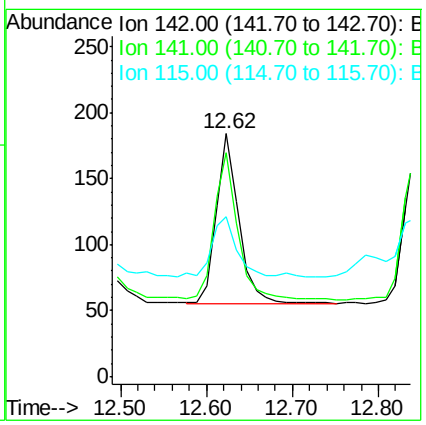


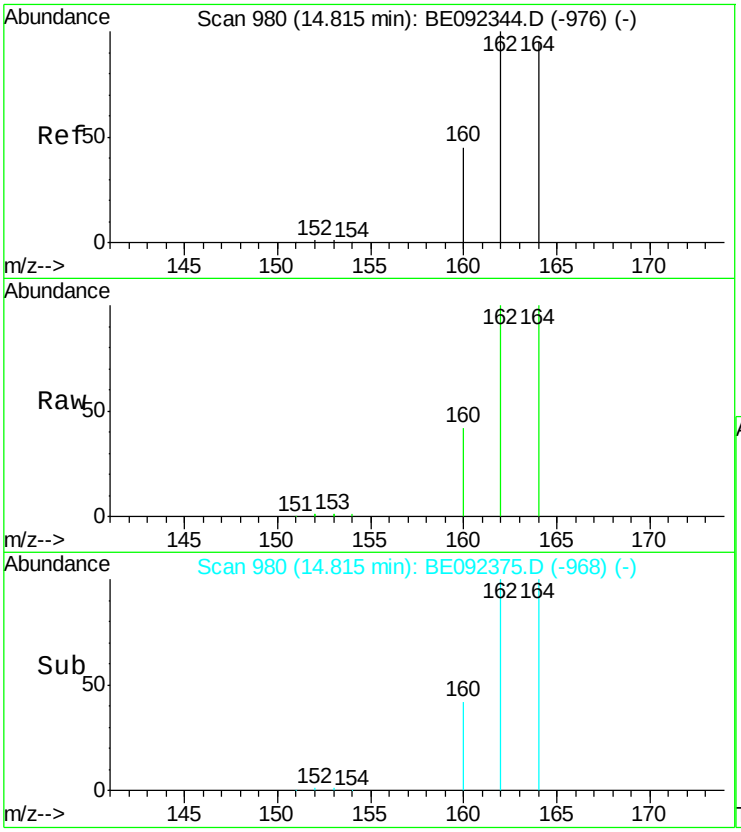


#11
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.62 min Scan# 814
Delta R.T. -0.02 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Tgt Ion:142 Resp: 239

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.7	110.5
115	65.8	34.0	51.0#



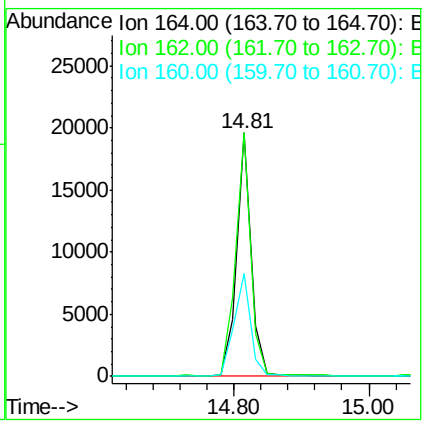


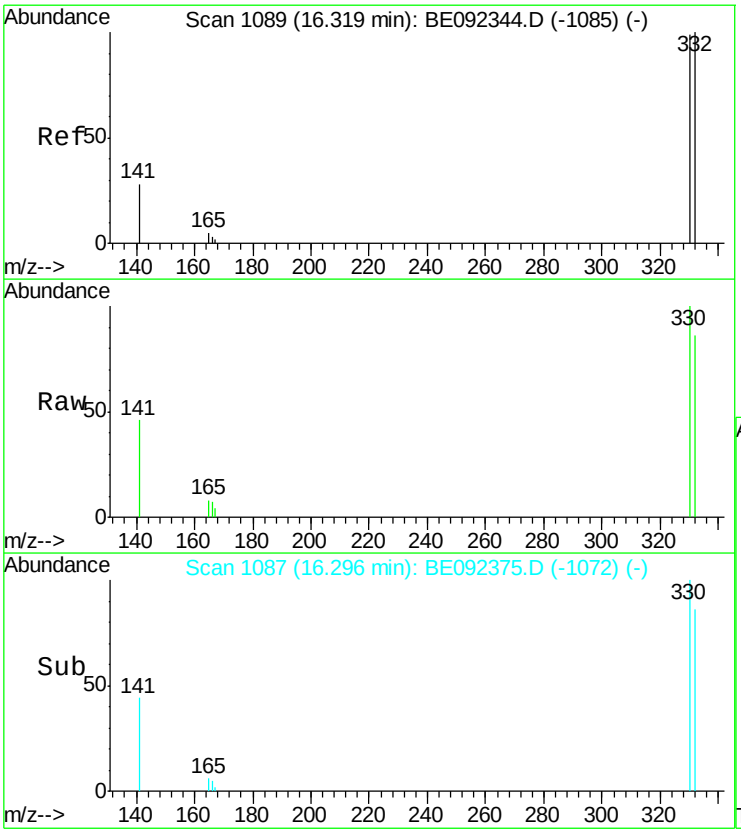
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.81 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 29027

Ion	Ratio	Lower	Upper
164	100		
162	100.1	71.4	107.0
160	42.5	27.4	41.2#

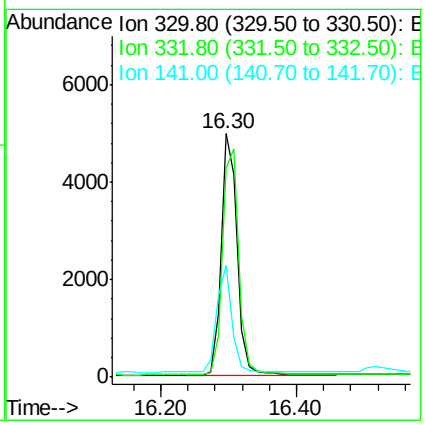


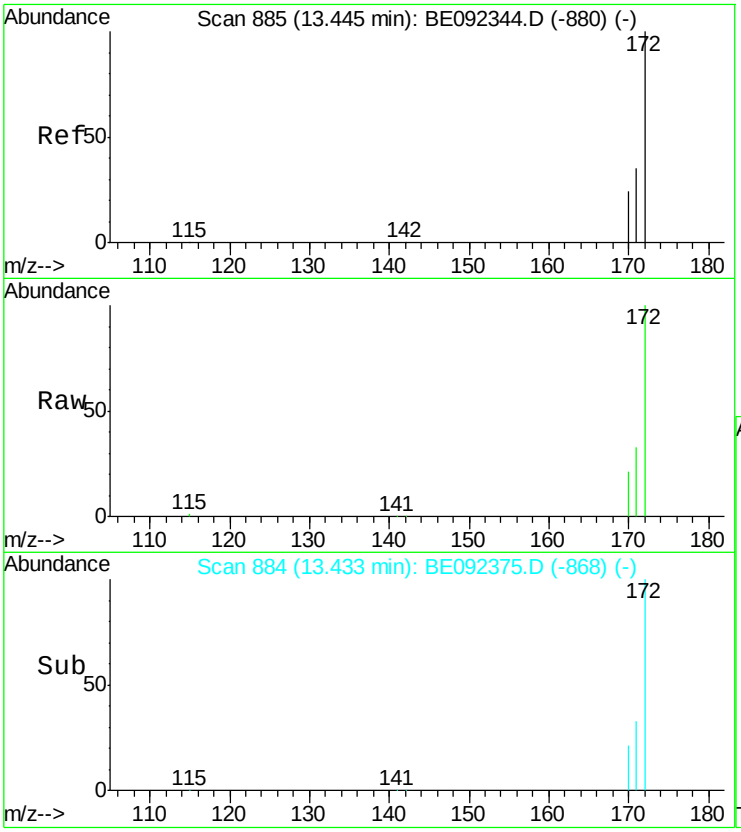


#13
2,4,6-Tribromophenol
Concen: 9.08 ng
RT: 16.30 min Scan# 1087
Delta R.T. -0.02 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Tgt Ion:330 Resp: 8162

Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.4	113.0
141	42.5	31.0	46.6



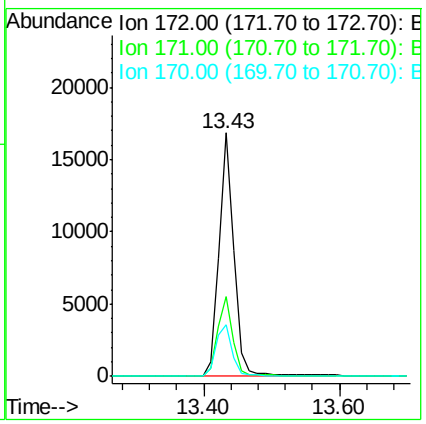


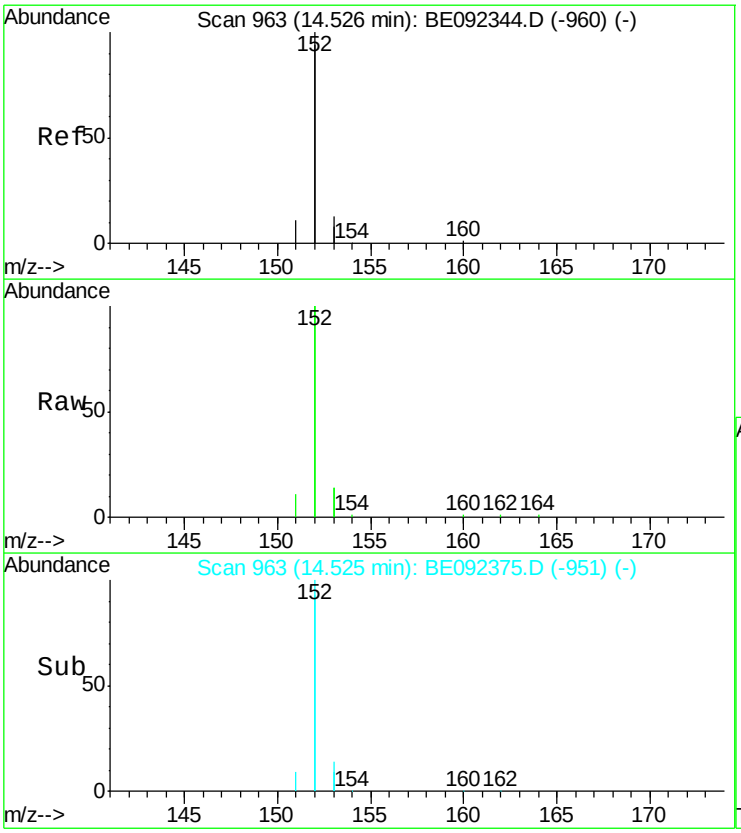
#14
2-Fluorobiphenyl
Concen: 2.89 ng
RT: 13.43 min Scan# 884
Delta R.T. -0.01 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 25731

Ion	Ratio	Lower	Upper
172	100		
171	33.0	30.1	45.1
170	21.4	21.8	32.6#

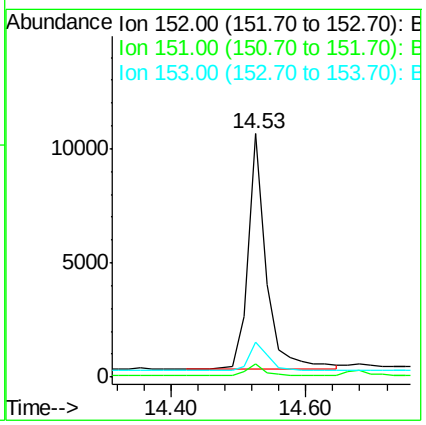


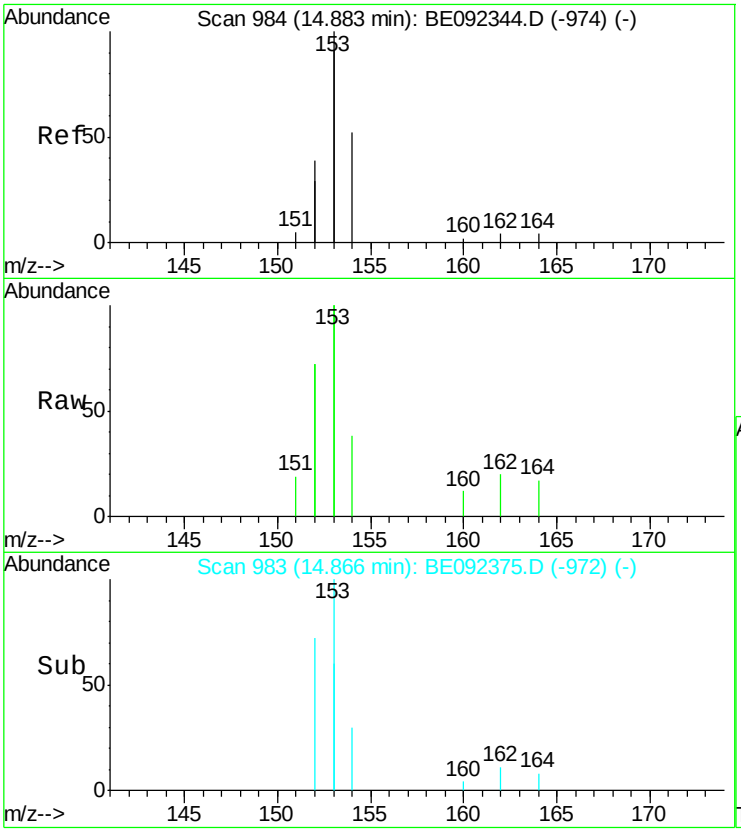


#15
Acenaphthylene
Concen: 0.38 ng
RT: 14.53 min Scan# 963
Delta R.T. -0.00 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Tgt Ion:152 Resp: 19030

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



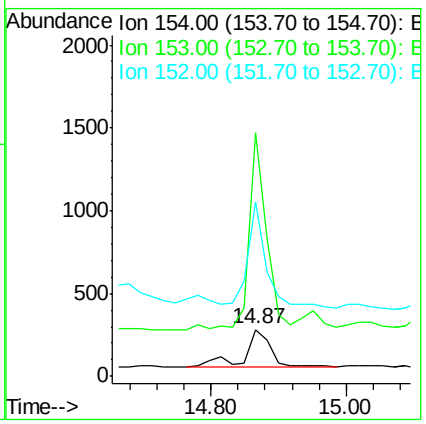


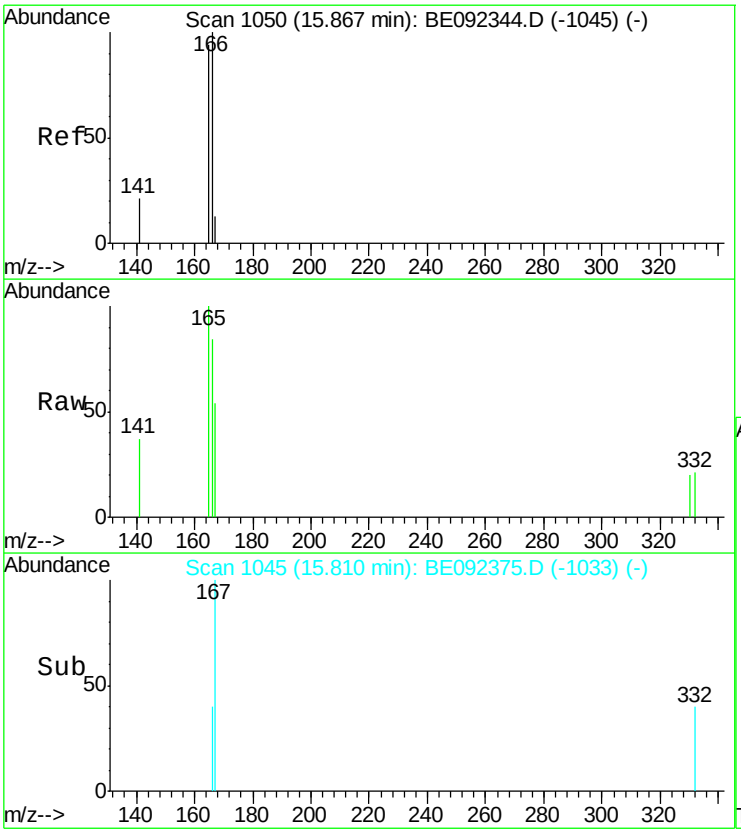
#16
Acenaphthene
Concen: 0.07 ng
RT: 14.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 578

Ion	Ratio	Lower	Upper
154	100		
153	351.7	350.8	526.2
152	206.6	171.1	256.7

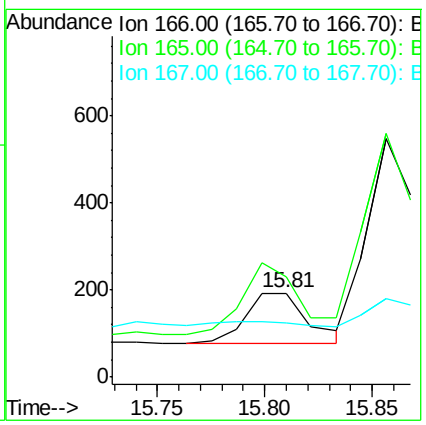


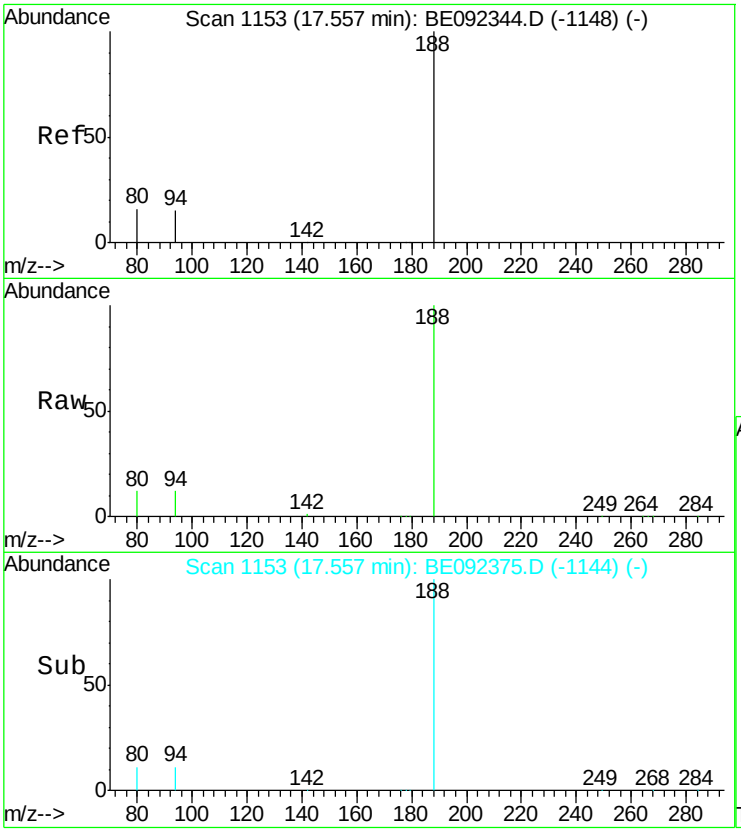


#17
Fluorene
Concen: 0.02 ng
RT: 15.81 min Scan# 1045
Delta R.T. -0.06 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Tgt Ion:166 Resp: 240

Ion	Ratio	Lower	Upper
166	100		
165	117.1	78.2	117.4
167	15.0	11.0	16.4



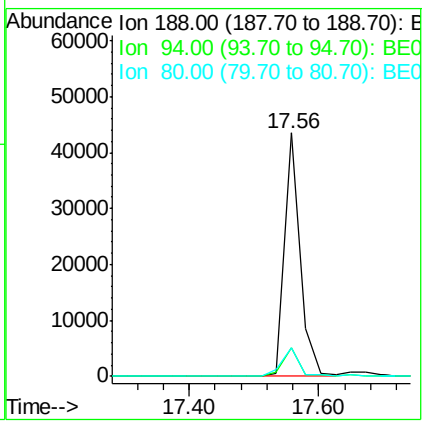


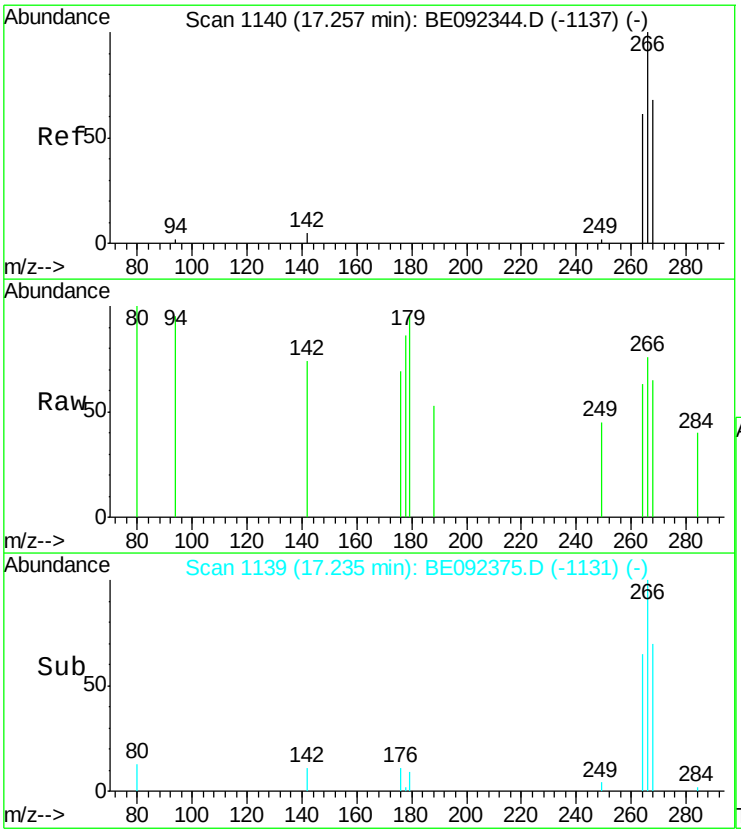
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 73367

Ion	Ratio	Lower	Upper
188	100		
94	11.8	3.2	4.8#
80	11.6	2.6	3.8#

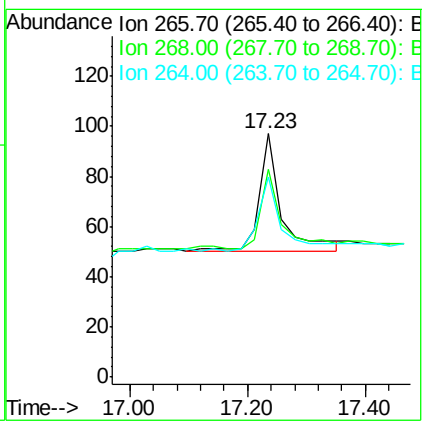


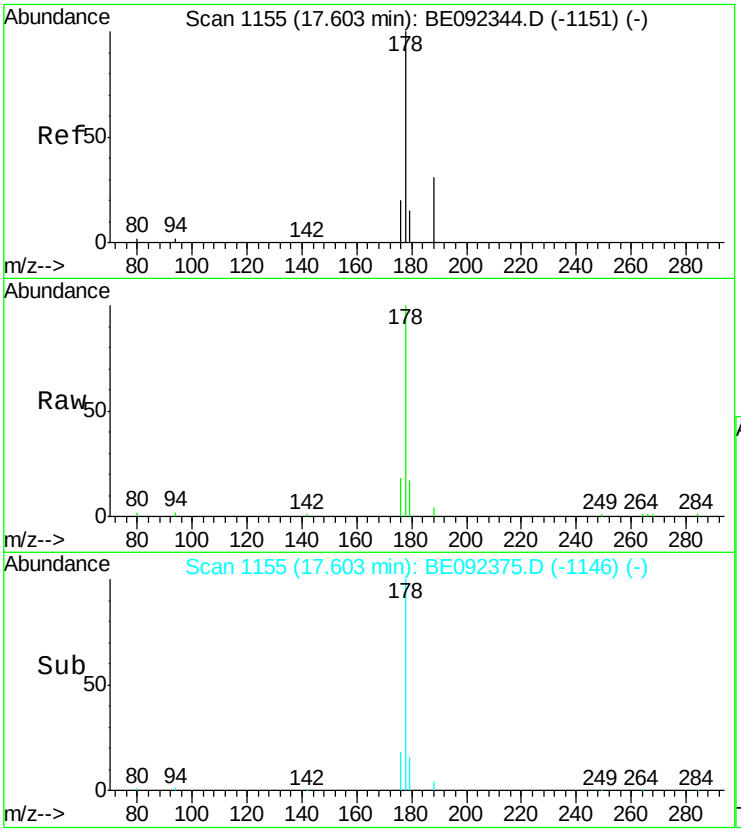


#20
Pentachlorophenol
Concen: 0.23 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Tgt Ion:266 Resp: 126

Ion	Ratio	Lower	Upper
266	100		
268	85.6	62.5	93.7
264	82.5	57.2	85.8



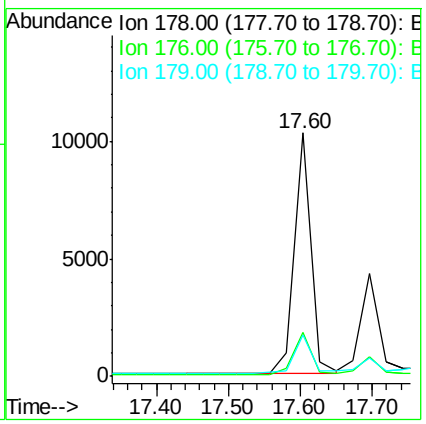


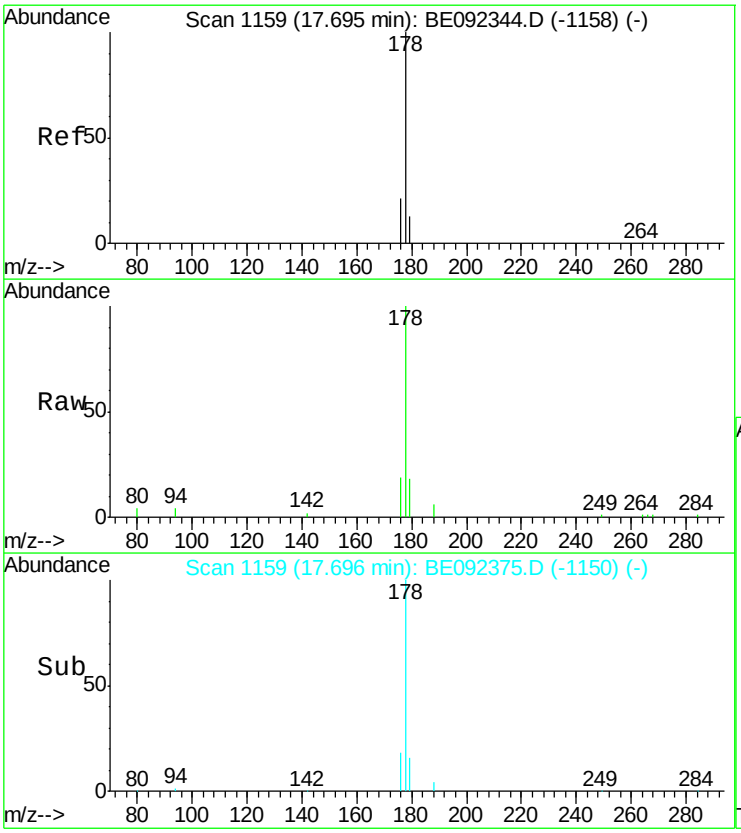
#21
Phenanthrene
Concen: 0.80 ng
RT: 17.60 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 16433

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	17.1	16.0	24.0

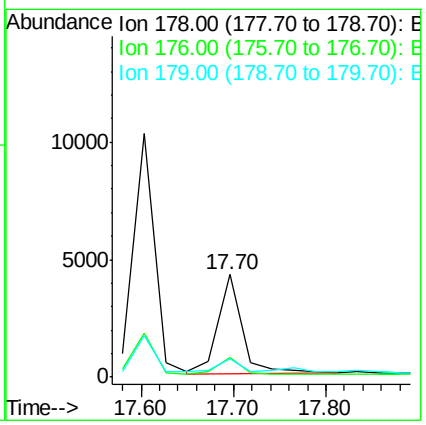


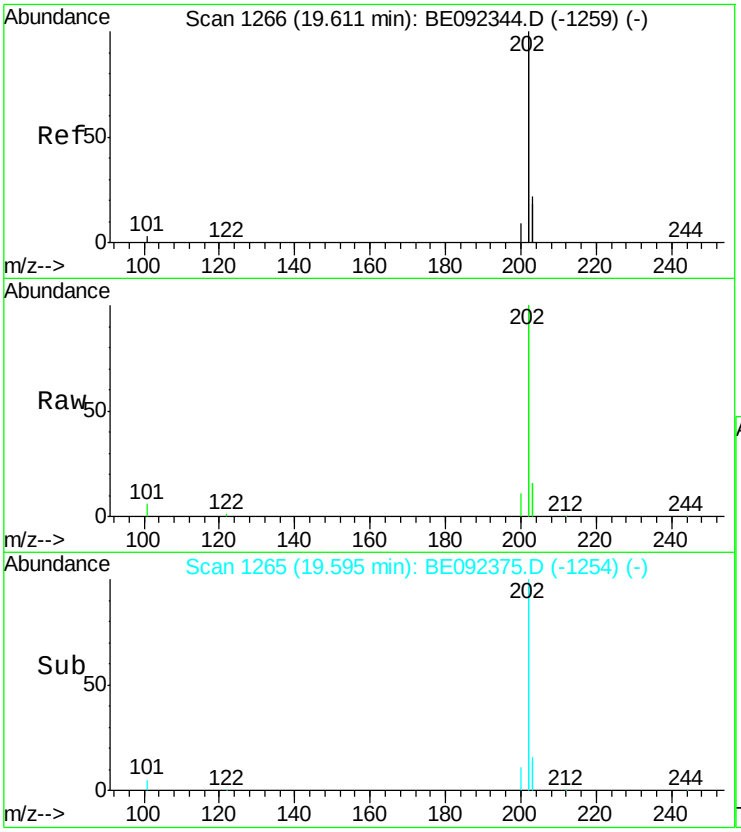


#22
Anthracene
Concen: 0.41 ng
RT: 17.70 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Tgt Ion:178 Resp: 7513

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.0	22.4
179	13.0	12.2	18.2



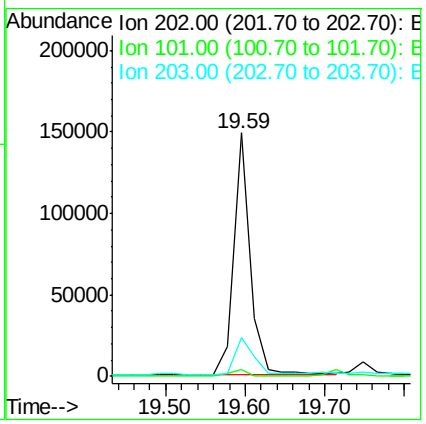


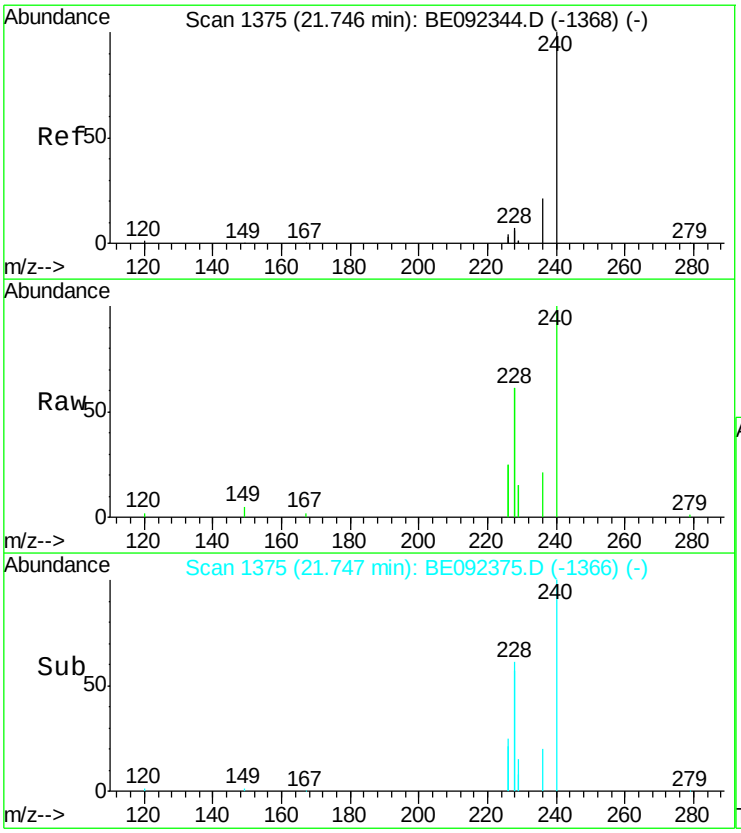
#23
Fluoranthene
Concen: 2.39 ng
RT: 19.59 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 214934

Ion	Ratio	Lower	Upper
202	100		
101	3.1	2.2	3.4
203	17.0	13.7	20.5

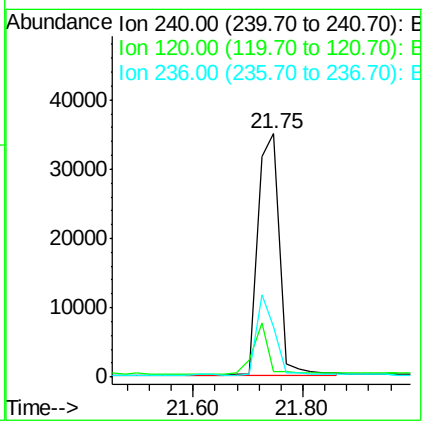


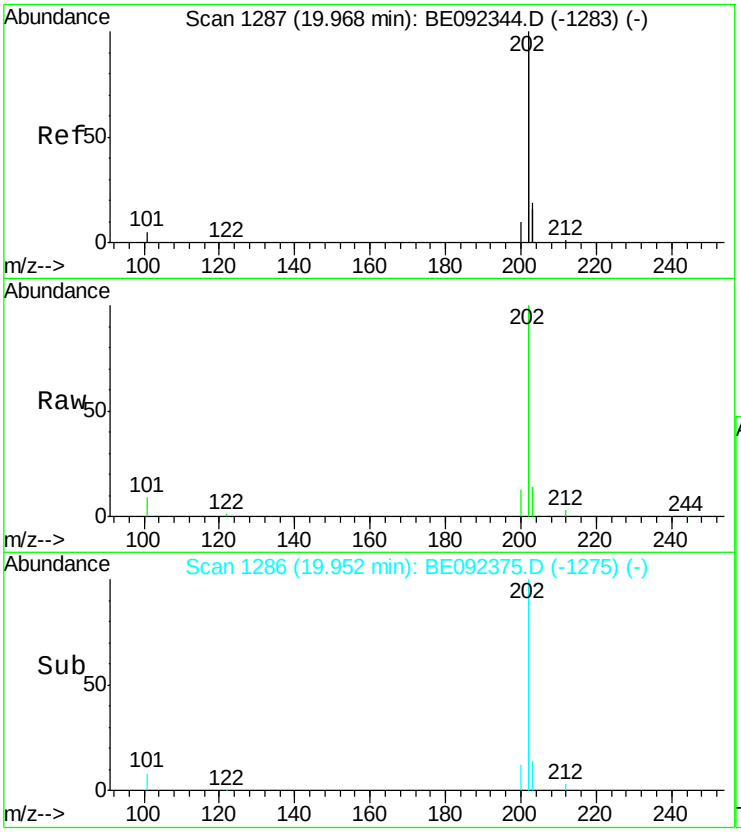


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Tgt Ion:240 Resp: 95552

Ion	Ratio	Lower	Upper
240	100		
120	2.3	2.6	4.0#
236	20.8	24.6	37.0#



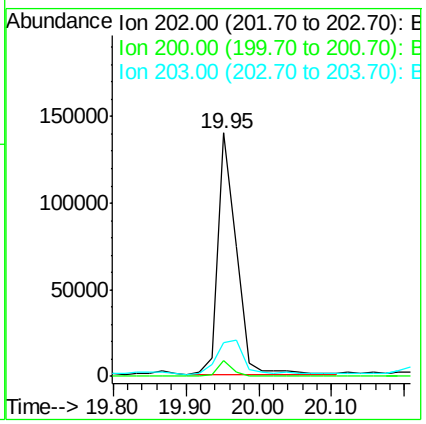


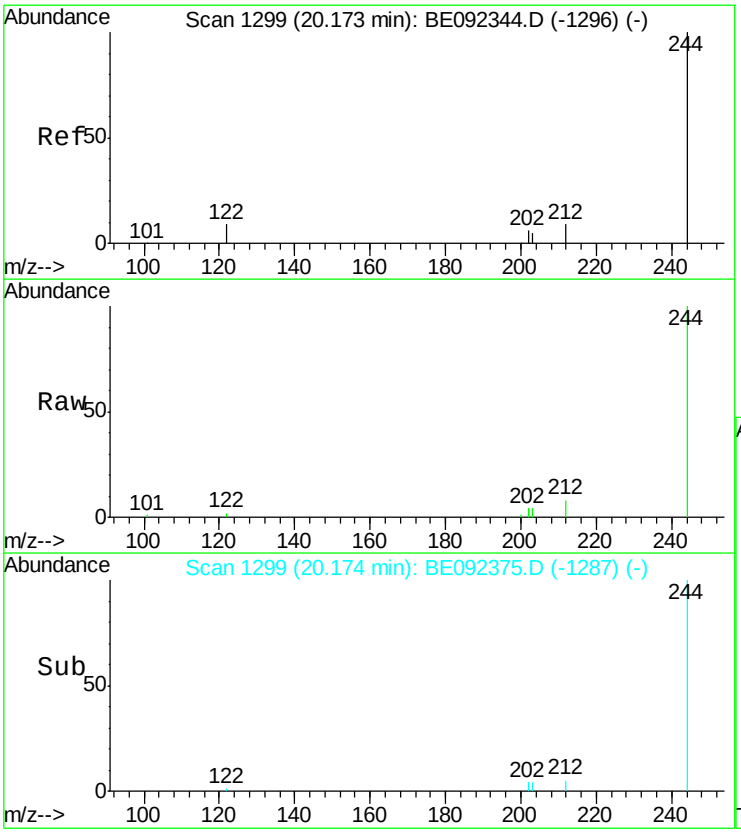
#25
Pyrene
Concen: 2.62 ng
RT: 19.95 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 243113

Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.2	6.4
203	20.9	13.9	20.9#

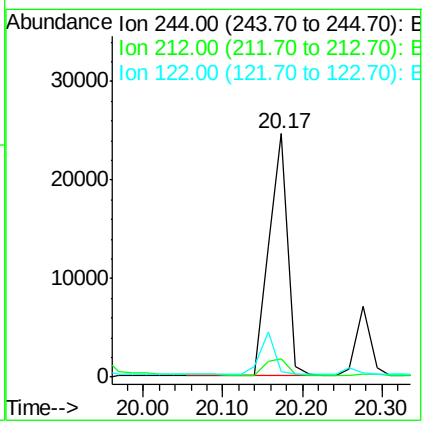


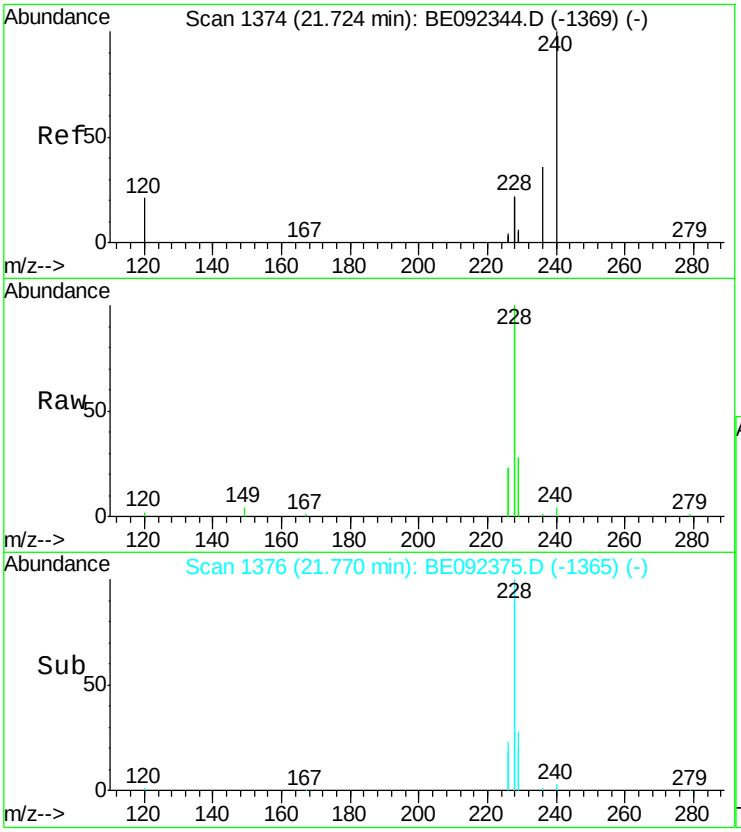


#26
Terphenyl-d14
Concen: 2.84 ng
RT: 20.17 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Tgt Ion:244 Resp: 40156

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.7	10.1
122	2.4	3.6	5.4#



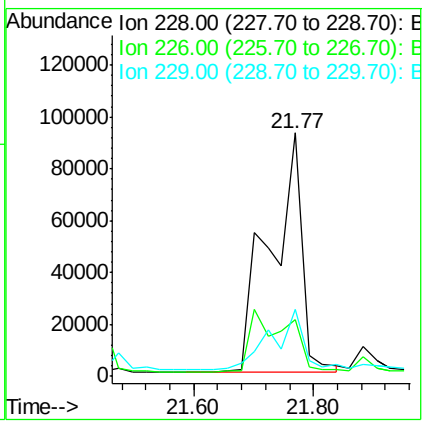


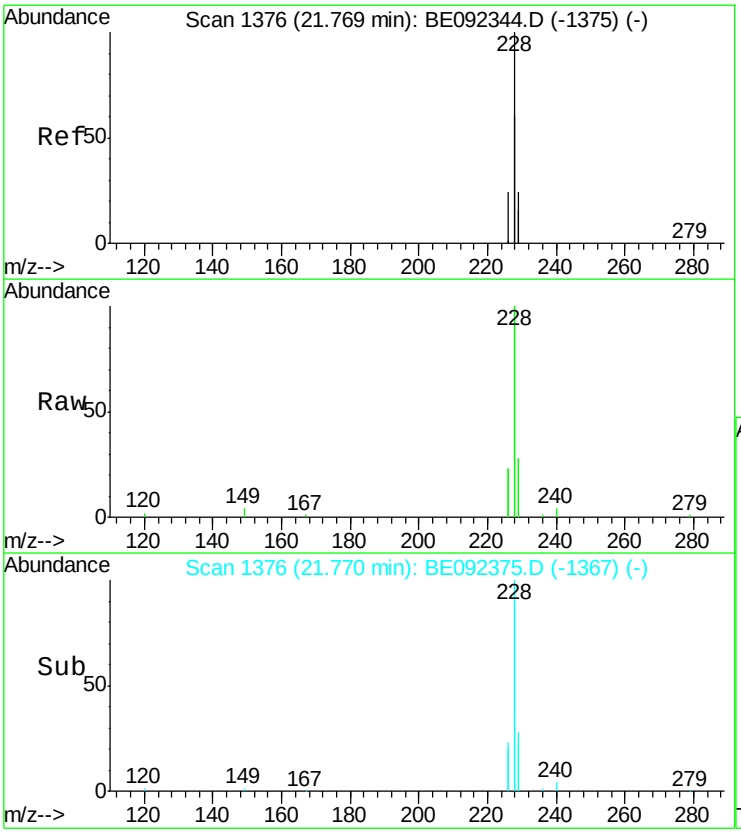
#27
Benzo(a)anthracene
Concen: 3.30 ng
RT: 21.77 min Scan# 1376
Delta R.T. 0.05 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 339956

Ion	Ratio	Lower	Upper
228	100		
226	23.2	23.6	35.4#
229	27.7	13.3	19.9#

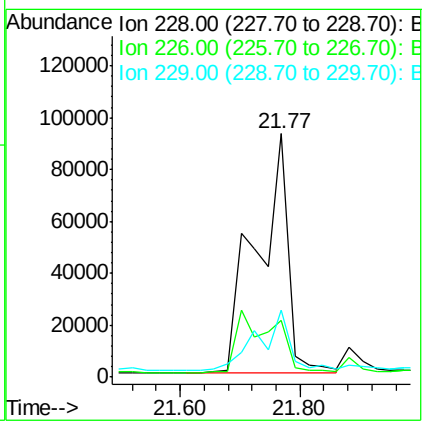


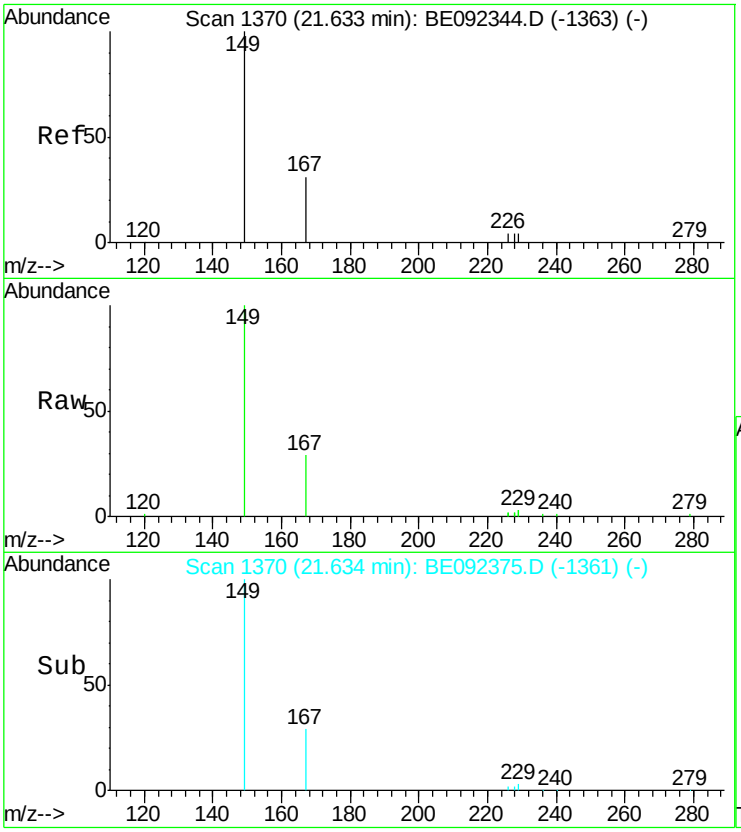


#28
Chrysene
Concen: 3.54 ng
RT: 21.77 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Tgt Ion:228 Resp: 340130

Ion	Ratio	Lower	Upper
228	100		
226	23.2	36.3	54.5#
229	27.7	10.6	16.0#



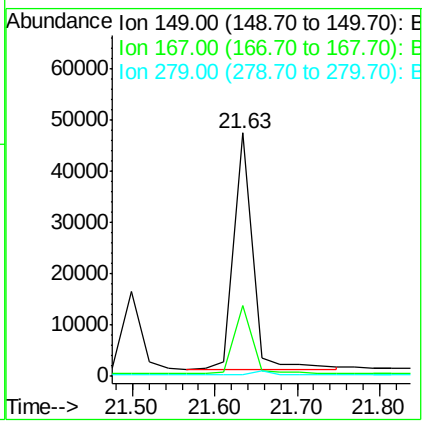


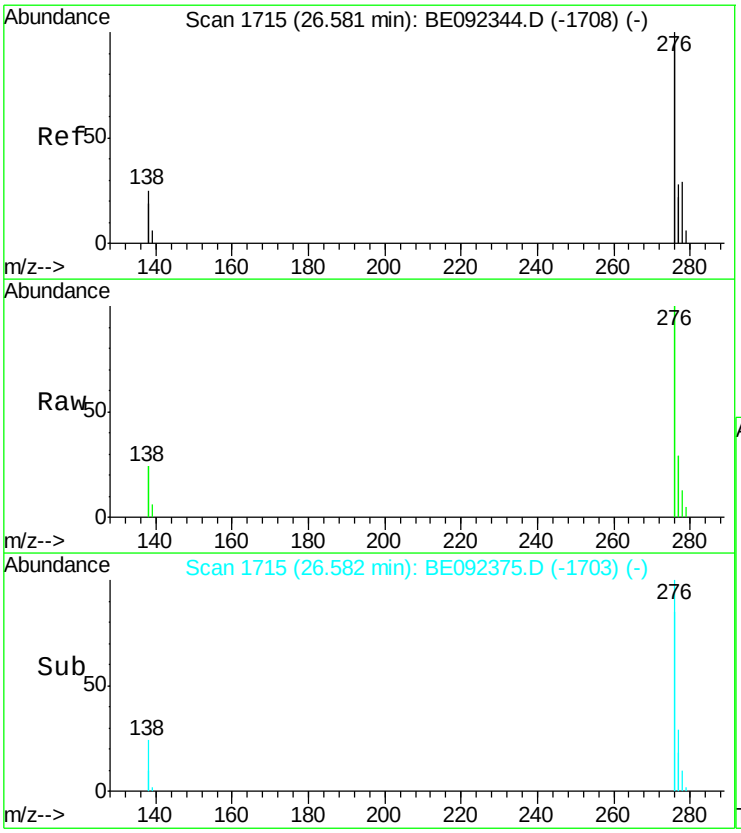
#29
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.63 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 71222

Ion	Ratio	Lower	Upper
149	100		
167	29.0	16.0	24.0#
279	0.0	16.0	24.0#

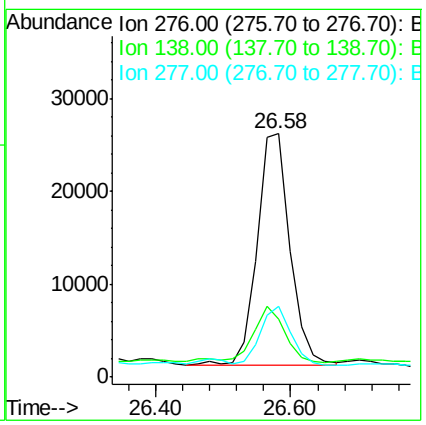


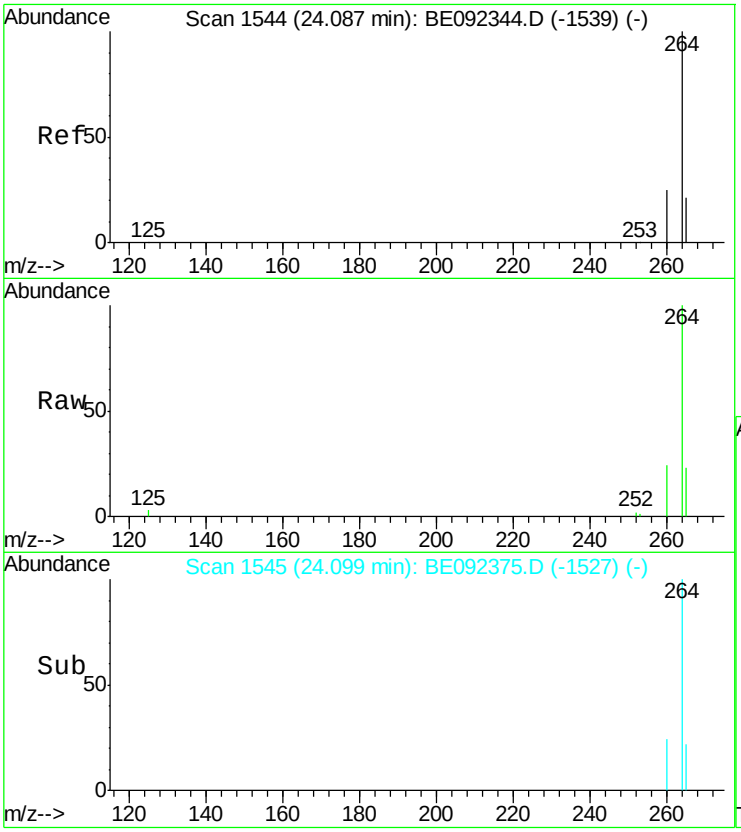


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.78 ng
RT: 26.58 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Tgt Ion:276 Resp: 84431

Ion	Ratio	Lower	Upper
276	100		
138	23.7	20.3	30.5
277	23.7	19.7	29.5



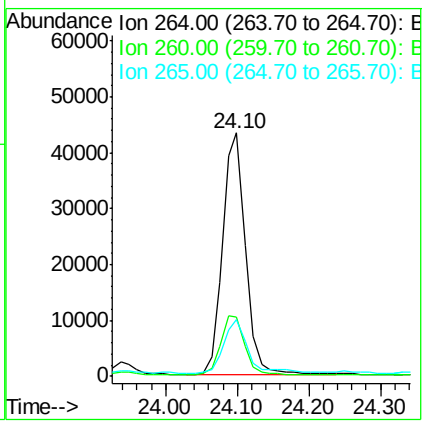


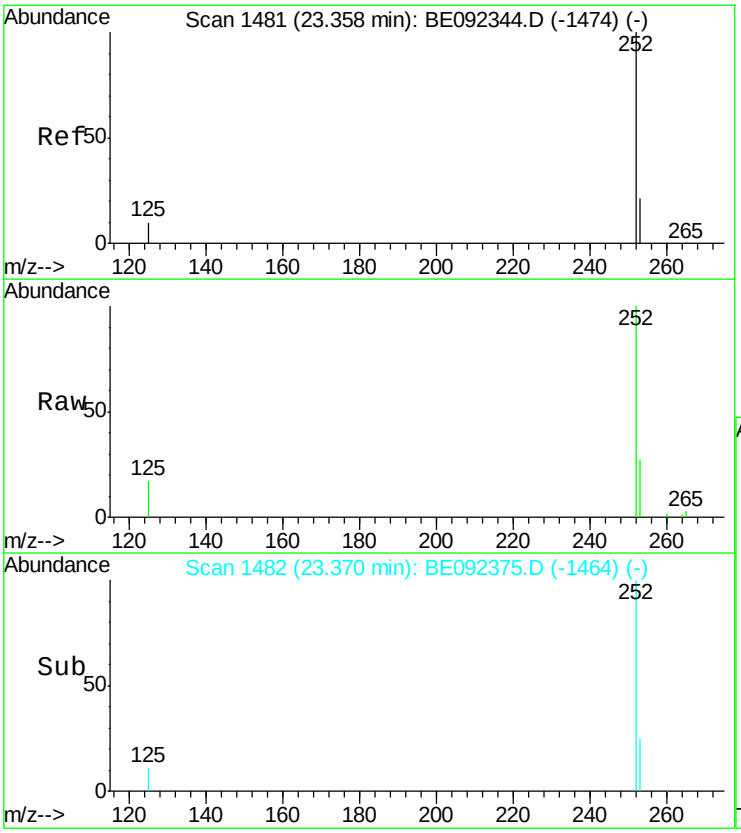
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.10 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 94939

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.1	30.1
265	23.5	17.9	26.9

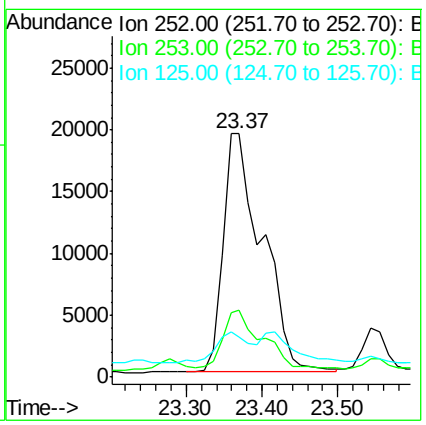


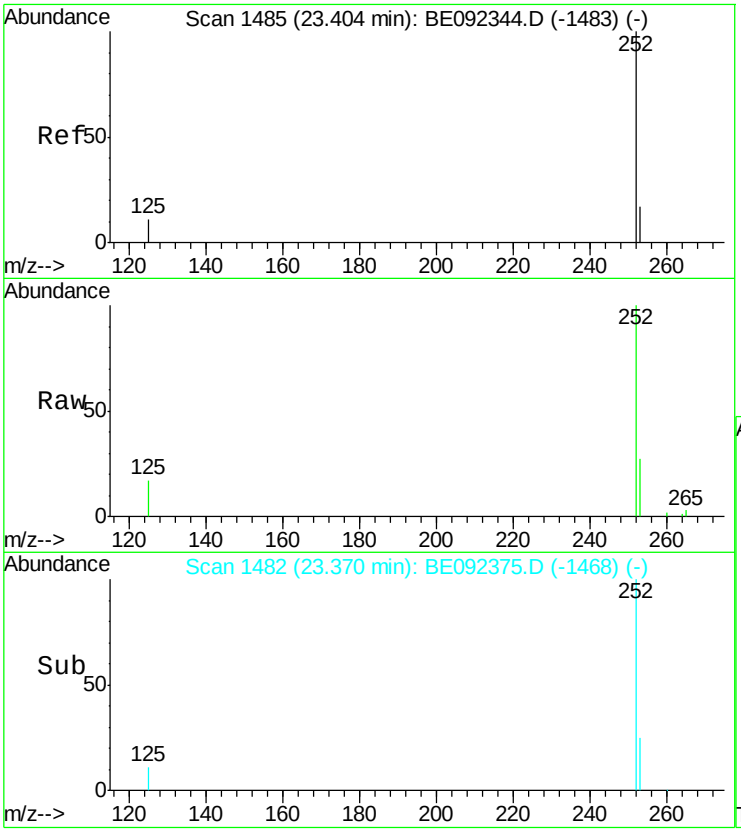


#32
Benzo(b)fluoranthene
Concen: 2.85 ng
RT: 23.37 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Tgt Ion:252 Resp: 69576

Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.7	28.1
125	16.6	10.5	15.7#



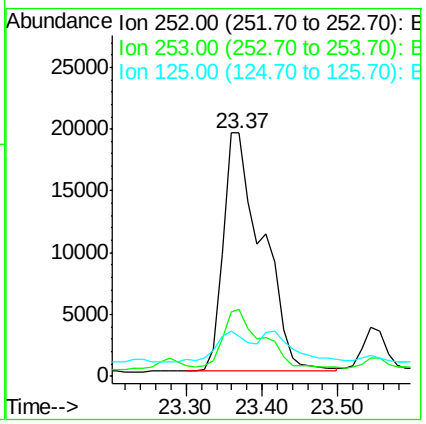


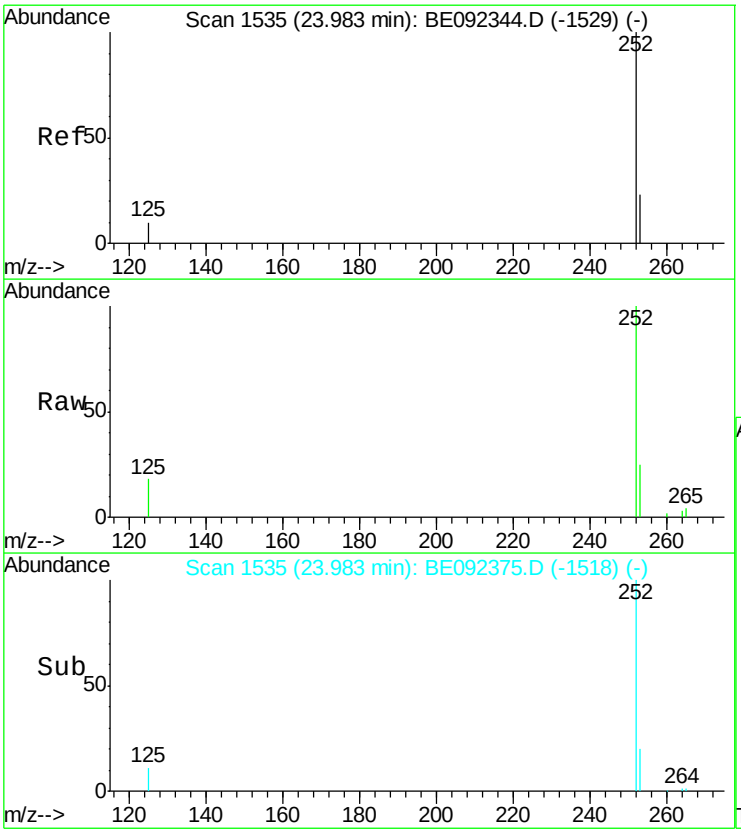
#33
Benzo(k)fluoranthene
Concen: 2.70 ng
RT: 23.37 min Scan# 1482
Delta R.T. -0.03 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 69576

Ion	Ratio	Lower	Upper
252	100		
253	27.4	20.3	30.5
125	16.6	9.6	14.4#

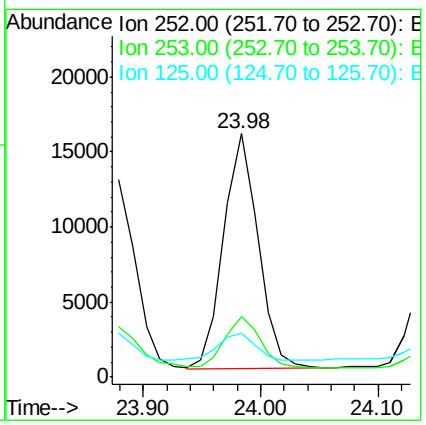


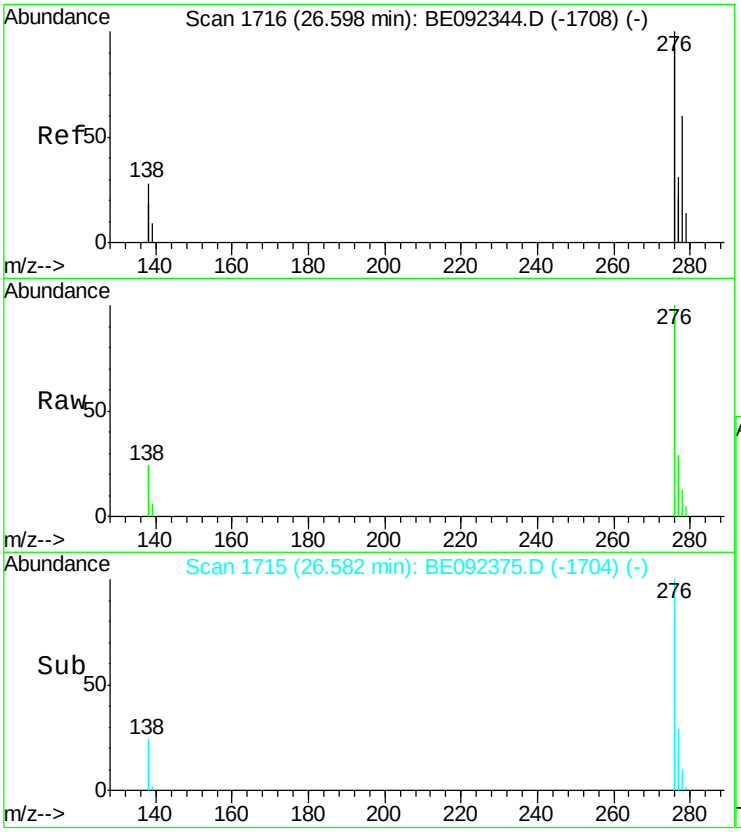


#34
Benzo(a)pyrene
Concen: 1.34 ng
RT: 23.98 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Tgt Ion:252 Resp: 32202

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.0	28.6
125	18.0	11.8	17.8#



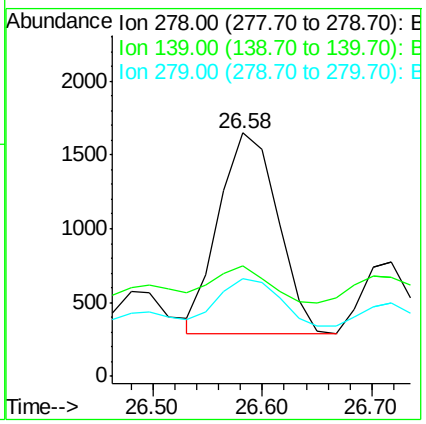


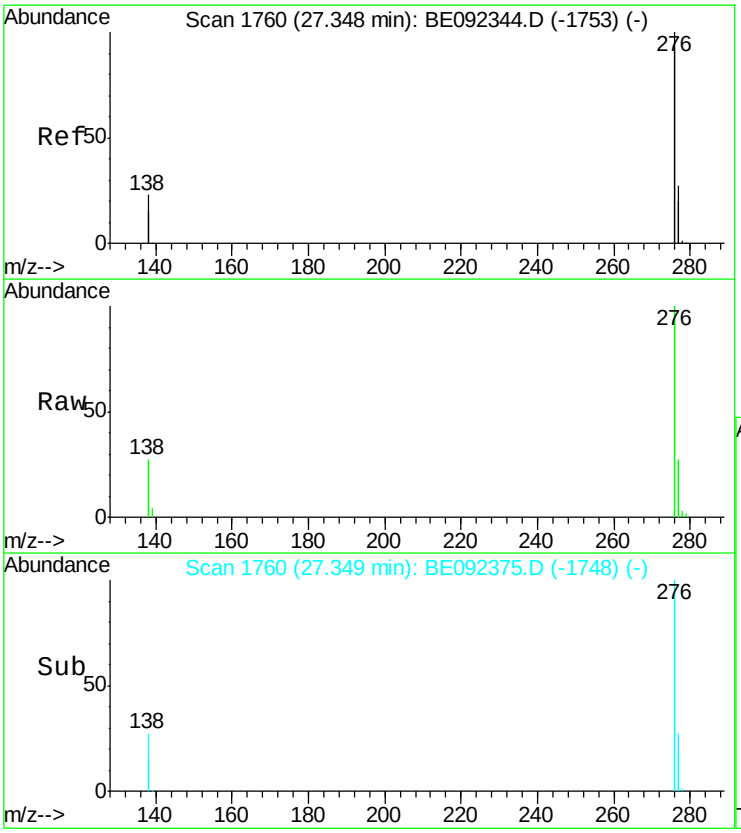
#35
Dibenzo(a,h)anthracene
Concen: 0.23 ng
RT: 26.58 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 5040

Ion	Ratio	Lower	Upper
278	100		
139	45.6	13.8	20.8#
279	40.1	21.4	32.2#





#36
Benzo(g,h,i)perylene
Concen: 0.95 ng
RT: 27.35 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BE092375.D
Acq: 12 Sep 2016 17:11

Tgt Ion:276 Resp: 89078

Ion	Ratio	Lower	Upper
276	100		
277	27.5	19.8	29.8
138	27.0	19.8	29.6