Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE093016\
Data File : BE092441.D
Acq On : 30 Sep 2016 19:04
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 30 19:40:05 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 18:25:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.164	152	8358	5.00	ng		-0.02
7) Naphthalene-d8	10.952	136	41725	5.00	ng		0.00
12) Acenaphthene-d10	14.816	164	30809	5.00	ng		0.00
18) Phenanthrene-d10	17.579	188	62221	5.00	ng		0.02
24) Chrysene-d12	21.746	240	81685	5.00	ng		0.00
31) Perylene-d12	24.123	264	68750	5.00	ng		0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.688	112	510	0.37	ng		0.00
5) Phenol-d6	7.358	99	645	0.31	ng		0.00
8) Nitrobenzene-d5	9.362	82	788	0.40	ng		0.00
13) 2,4,6-Tribromophenol	16.318	330	253	0.39	ng		0.00
14) 2-Fluorobiphenyl	13.445	172	2962	0.41	ng		0.00
26) Terphenyl-d14	20.190	244	3848	0.38	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.412	88	423	0.37	ng		97
3) n-Nitrosodimethylamine	3.805	42	334	0.43	ng	#	94
6) bis(2-Chloroethyl)ether	7.611	93	565	0.34	ng	#	25
9) Naphthalene	10.990	128	3584	0.40	ng		96
10) Hexachlorobutadiene	11.279	225	545	0.38	ng		99
11) 2-Methylnaphthalene	12.647	142	2309	0.39	ng		93
15) Acenaphthylene	14.527	152	17227	0.39	ng		100
16) Acenaphthene	14.884	154	2826	0.40	ng		98
17) Fluorene	15.867	166	3438	0.39	ng		99
19) Hexachlorobenzene	16.888	284	1111	0.42	ng	#	66
20) Pentachlorophenol	17.257	266	182	0.36	ng		94
21) Phenanthrene	17.602	178	6161	0.43	ng	#	95
22) Anthracene	17.718	178	5240	0.38	ng		99
23) Fluoranthene	19.611	202	26070	0.38	ng		100
25) Pyrene	19.986	202	27695	0.39	ng		100
27) Benzo(a)anthracene	21.724	228	57945	0.73	ng		98
28) Chrysene	21.724	228	58479	0.80	ng	#	78
29) Bis(2-ethylhexyl)phtha...	21.633	149	1751	0.26	ng	#	56
30) Indeno(1,2,3-cd)pyrene	26.633	276	26308	0.34	ng		98
32) Benzo(b)fluoranthene	23.382	252	6898	0.41	ng		99
33) Benzo(k)fluoranthene	23.440	252	6161	0.35	ng		99
34) Benzo(a)pyrene	24.007	252	6032	0.37	ng		99
35) Dibenzo(a,h)anthracene	26.650	278	5404	0.36	ng		96
36) Benzo(g,h,i)perylene	27.399	276	23829	0.37	ng		98

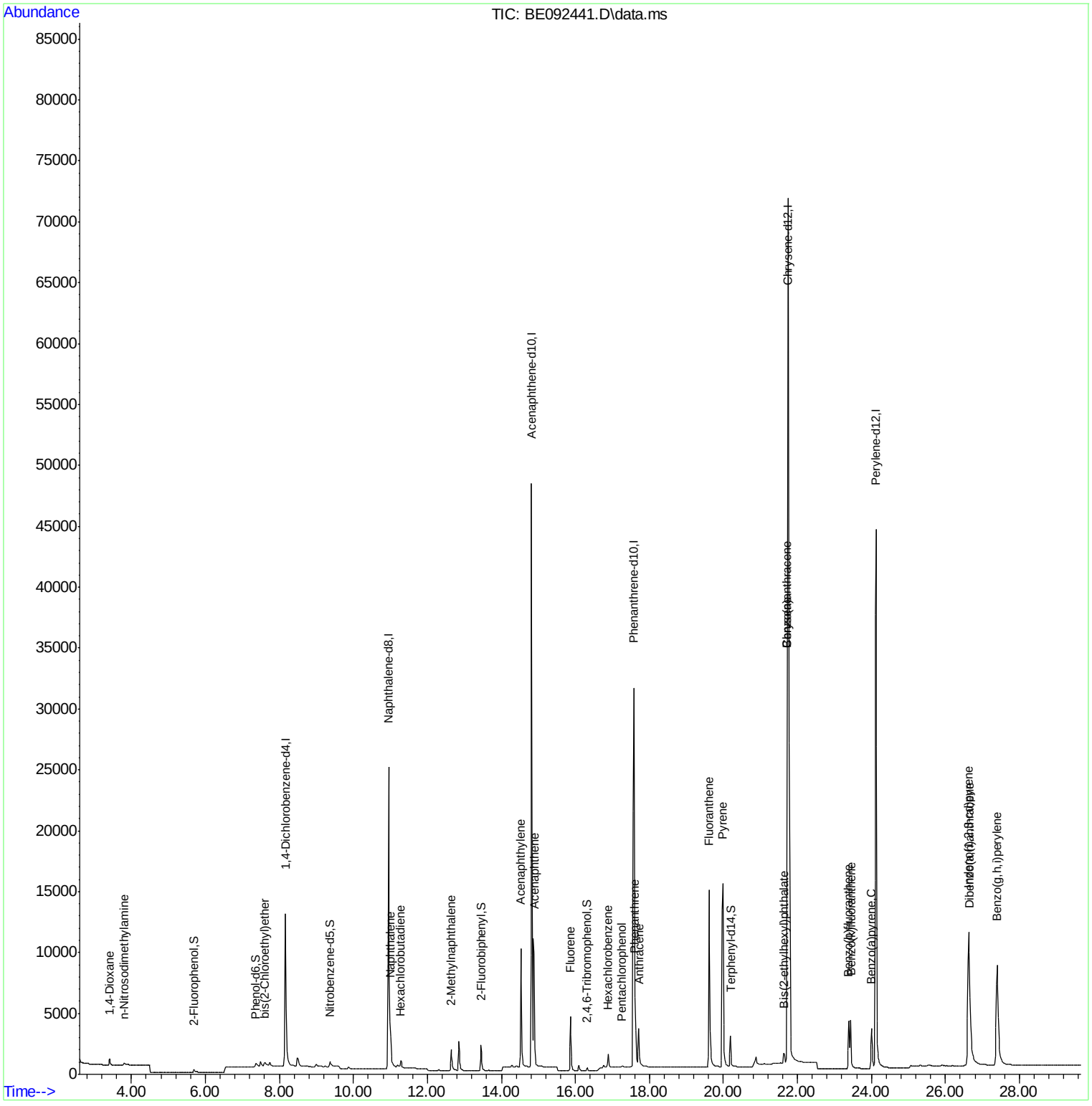
(#) = qualifier out of range (m) = manual integration (+) = signals summed

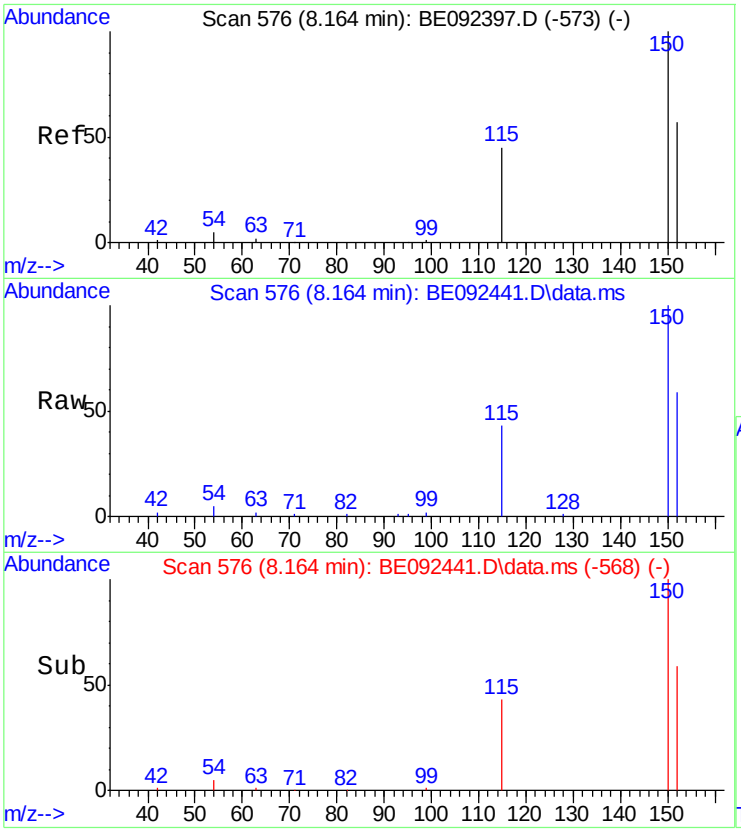
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE093016\
Data File : BE092441.D
Acq On : 30 Sep 2016 19:04
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 30 19:40:05 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 18:25:56 2016
Response via : Initial Calibration



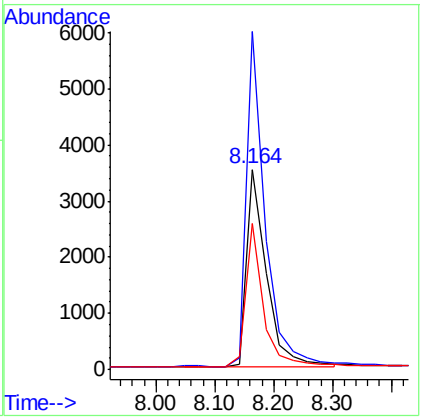


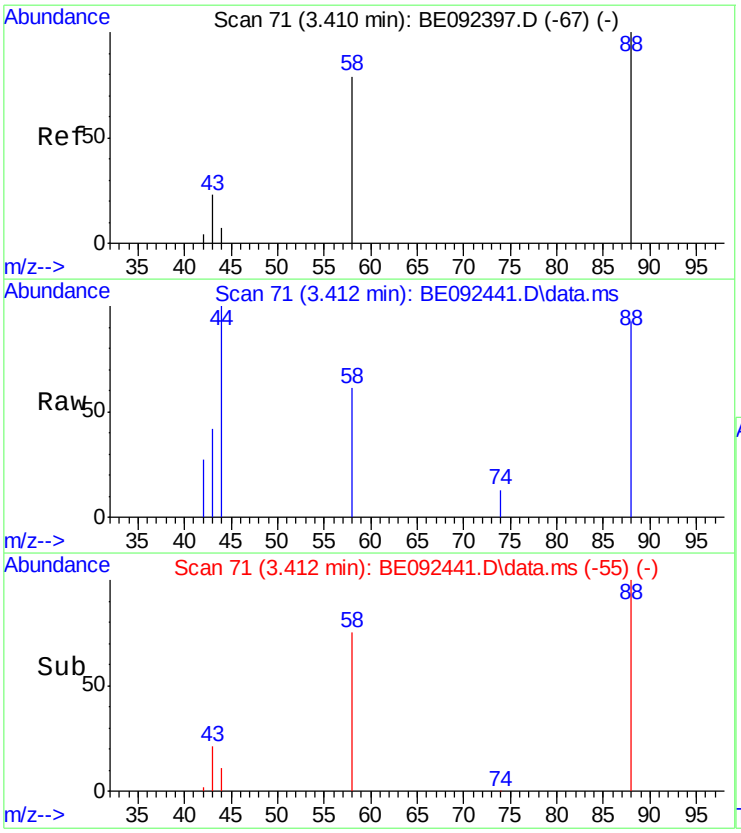
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.164 min Scan# 57
Delta R.T. -0.023 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8358

Ion	Ratio	Lower	Upper
152	100		
150	169.1	106.0	159.0#
115	73.3	31.2	46.8#

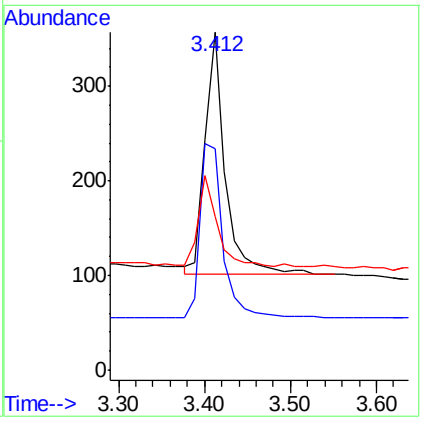


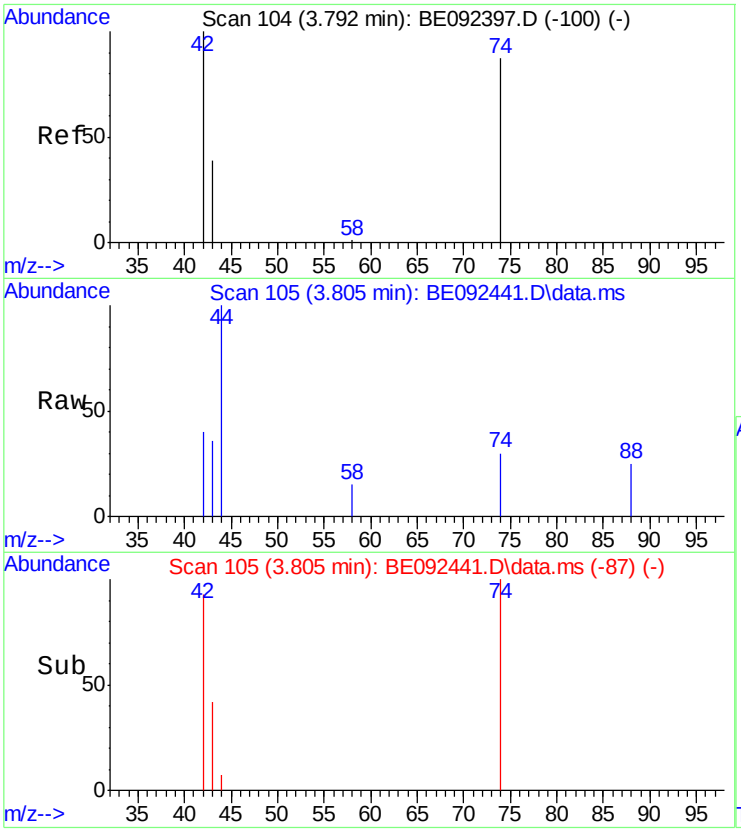


#2
1,4-Dioxane
Concen: 0.37 ng
RT: 3.412 min Scan# 71
Delta R.T. -0.009 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Tgt Ion: 88 Resp: 423

Ion	Ratio	Lower	Upper
88	100		
58	83.0	63.6	95.4
43	33.6	28.0	42.0



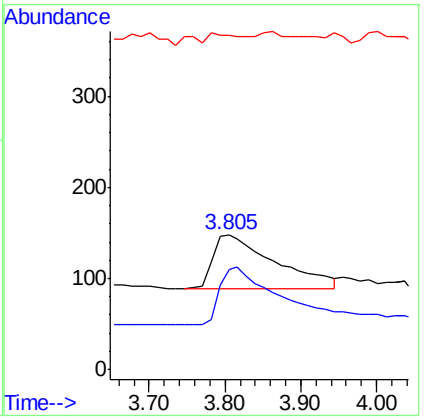


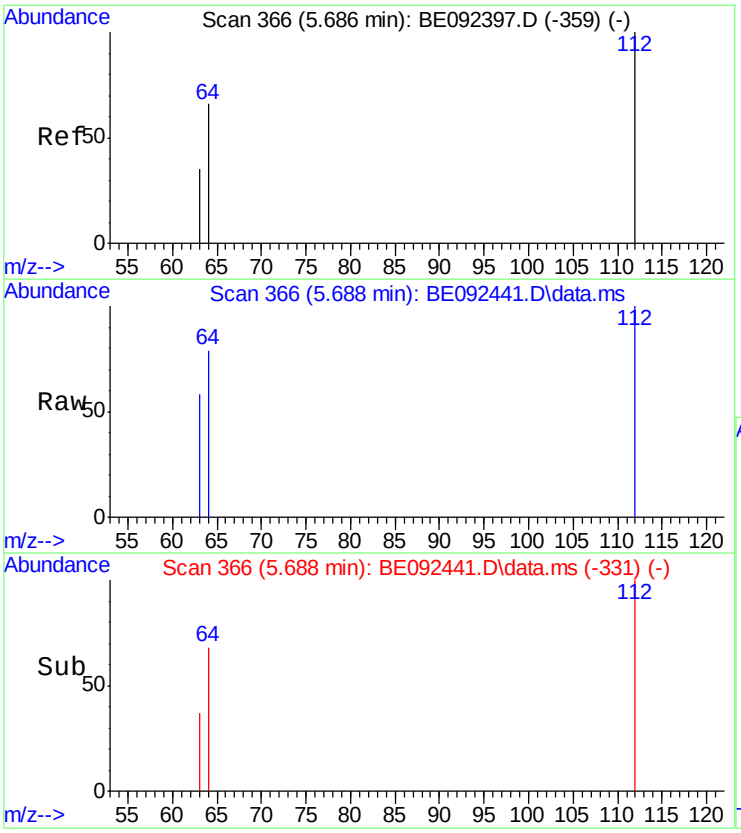
#3
n-Nitrosodimethylamine
Concen: 0.43 ng
RT: 3.805 min Scan# 10
Delta R.T. 0.003 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 334

Ion	Ratio	Lower	Upper
42	100		
74	101.5	86.0	129.0
44	0.0	5.1	7.7#

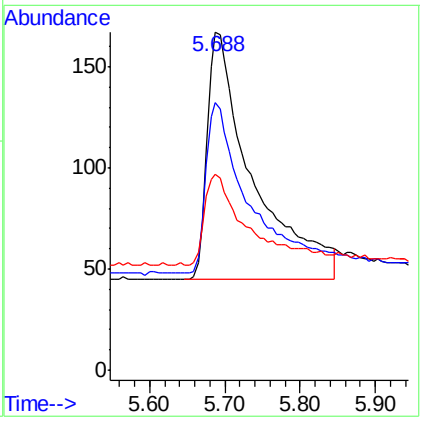


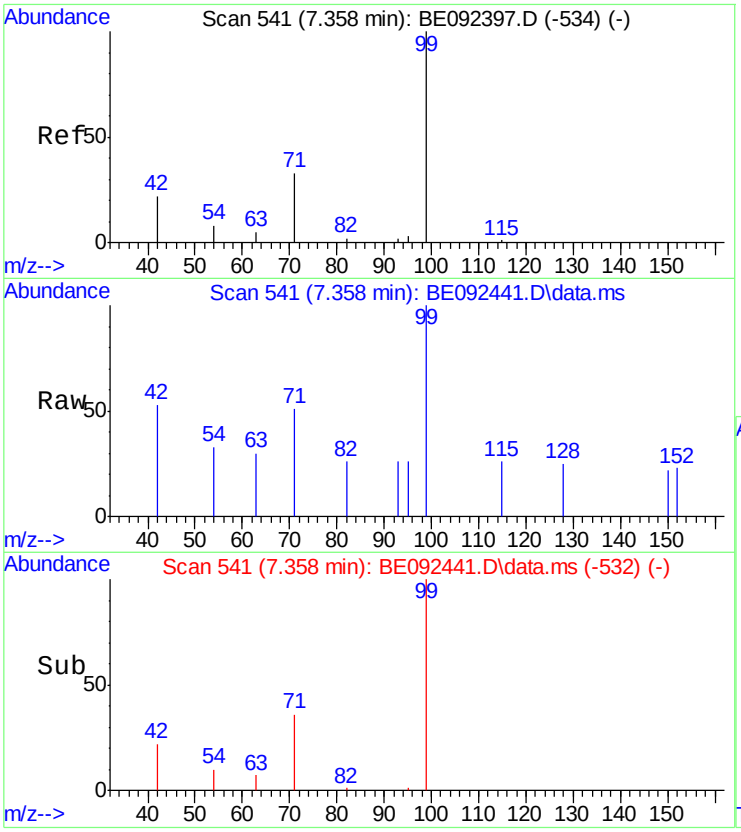


#4
2-Fluorophenol
Concen: 0.37 ng
RT: 5.688 min Scan# 366
Delta R.T. 0.002 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Tgt Ion:112 Resp: 510

Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.5	80.3
63	32.5	27.9	41.9



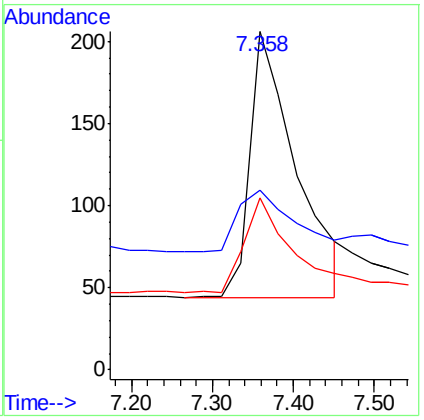


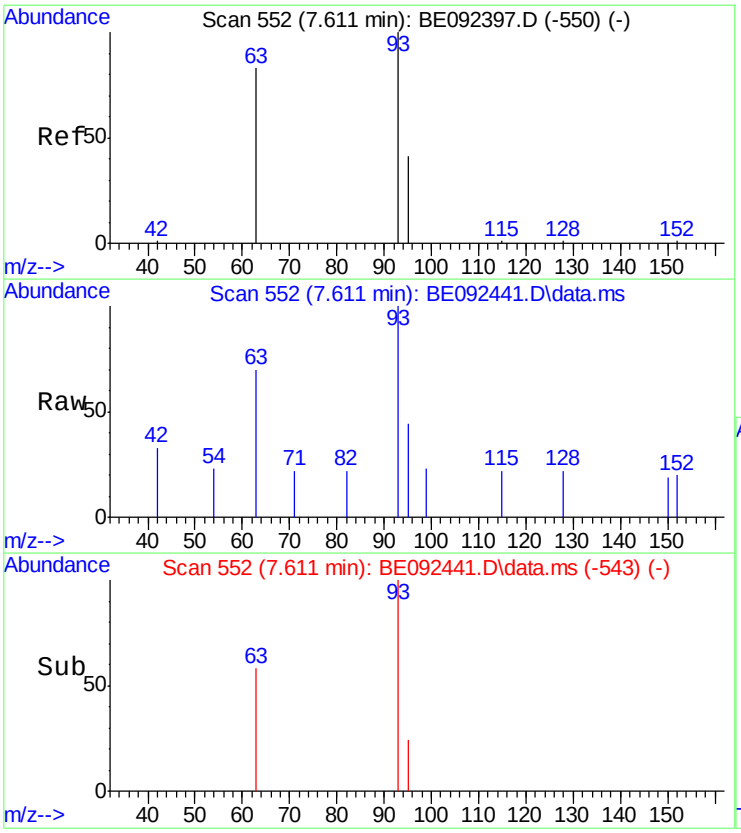
#5
Phenol-d6
Concen: 0.31 ng
RT: 7.358 min Scan# 54
Delta R.T. -0.000 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 645

Ion	Ratio	Lower	Upper
99	100		
42	27.6	16.0	24.0#
71	36.4	30.6	45.8

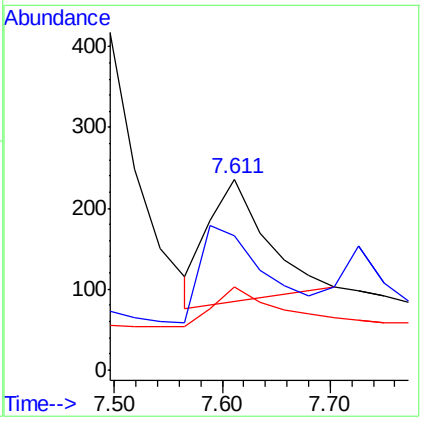


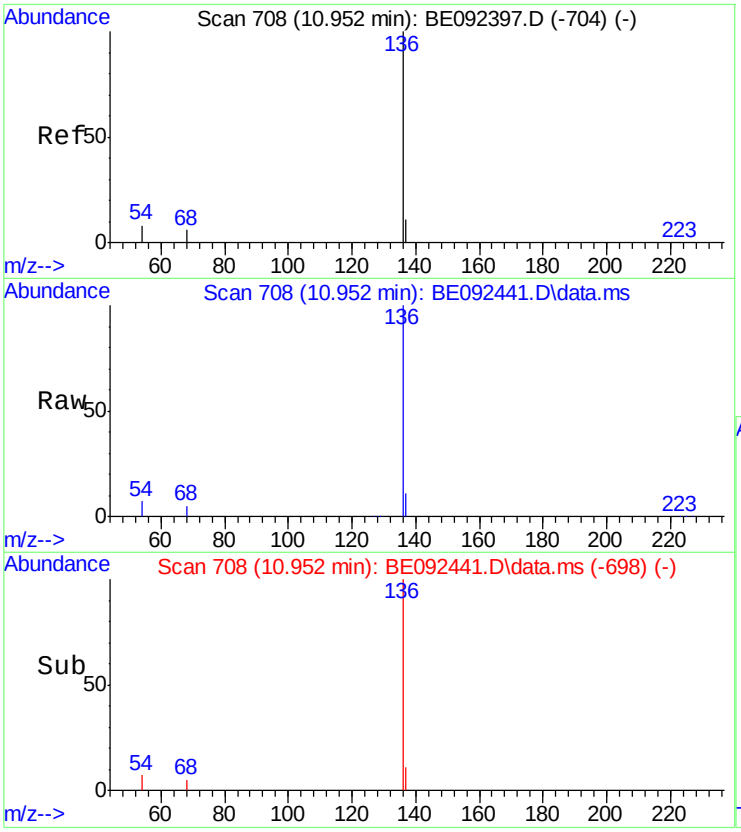


#6
bis(2-Chloroethyl)ether
Concen: 0.34 ng
RT: 7.611 min Scan# 552
Delta R.T. 0.000 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Tgt Ion: 93 Resp: 565

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	37.2	24.0	36.0#



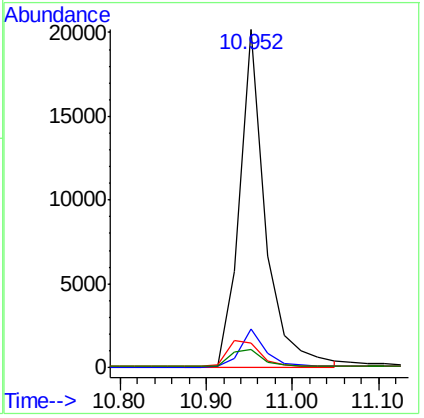


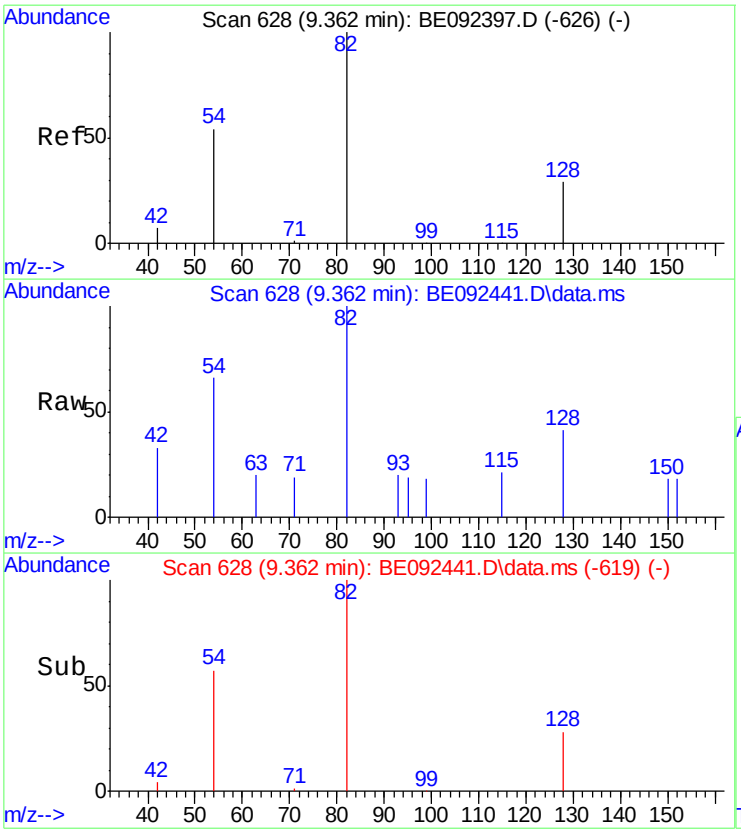
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.952 min Scan# 70
Delta R.T. -0.000 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 41725

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	7.1	9.6	14.4#
68	5.3	6.7	10.1#

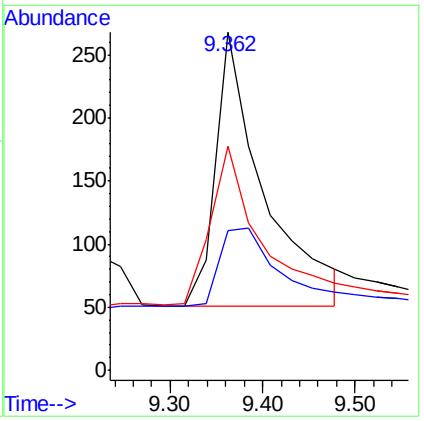


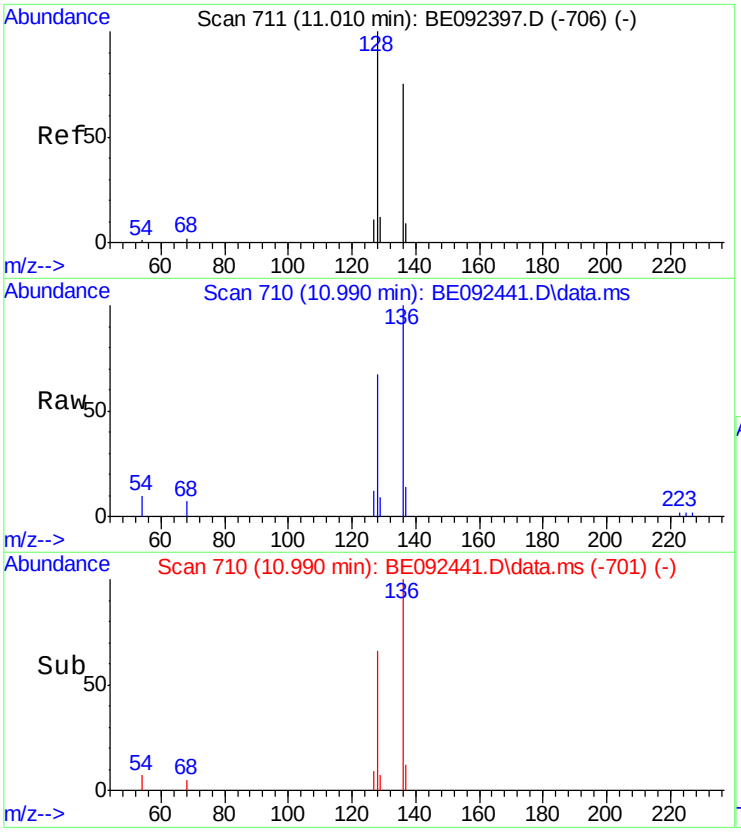


#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 9.362 min Scan# 628
Delta R.T. -0.000 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Tgt Ion: 82 Resp: 788

Ion	Ratio	Lower	Upper
82	100		
128	41.4	39.0	58.4
54	66.4	44.8	67.2



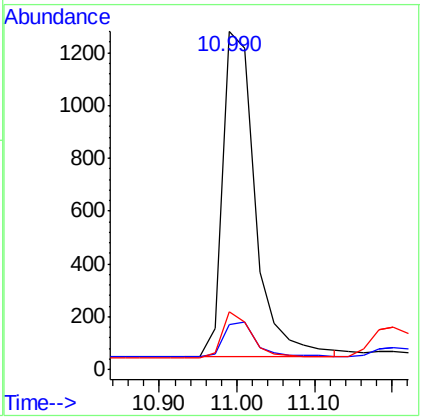


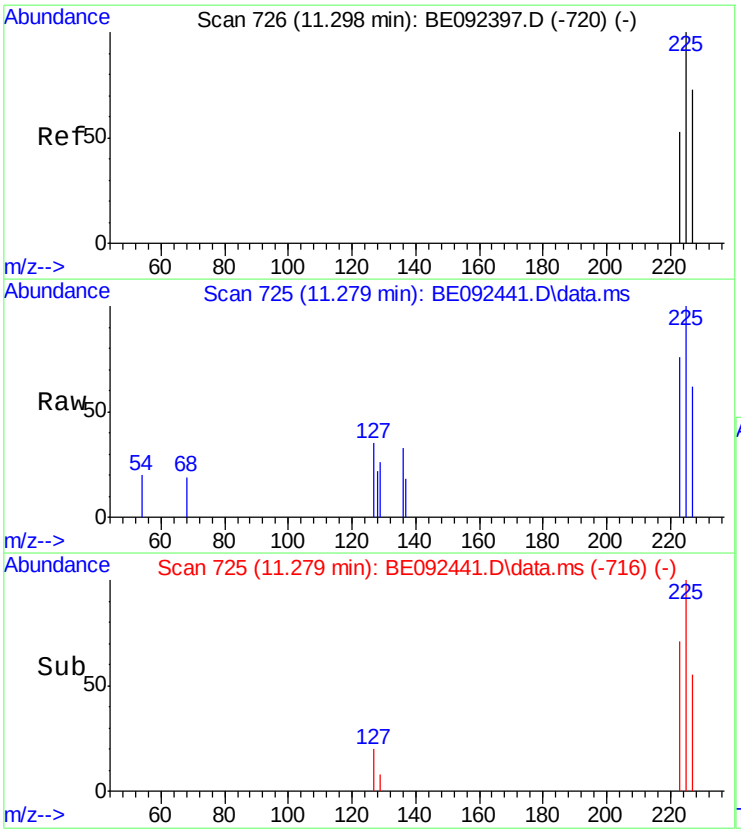
#9
Naphthalene
Concen: 0.40 ng
RT: 10.990 min Scan# 71
Delta R.T. -0.019 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 3584

Ion	Ratio	Lower	Upper
128	100		
129	13.5	11.2	16.8
127	17.2	11.6	17.4

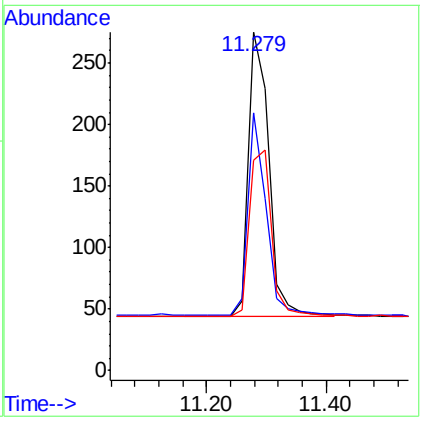


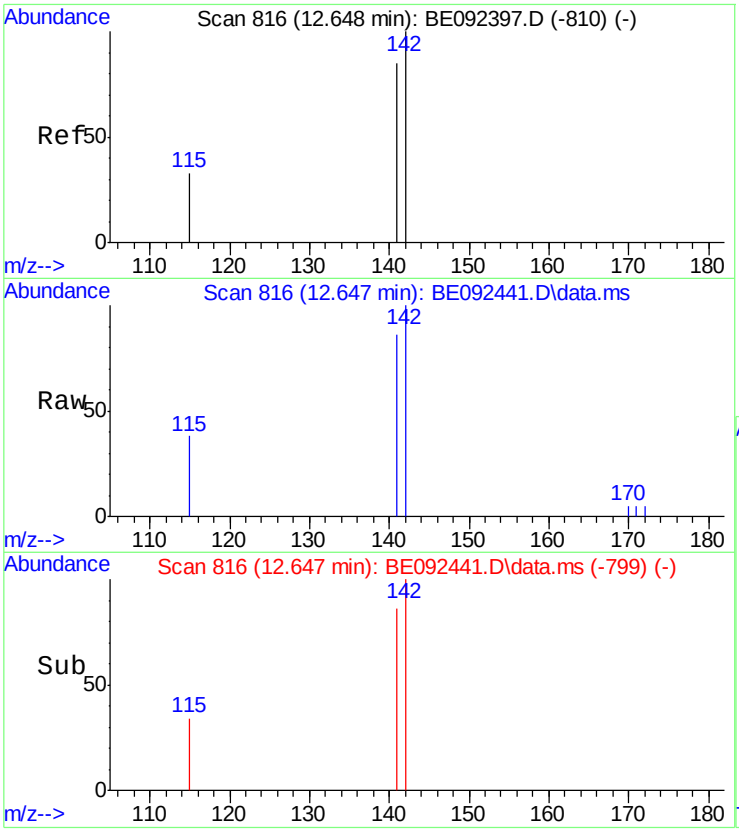


#10
Hexachlorobutadiene
Concen: 0.38 ng
RT: 11.279 min Scan# 725
Delta R.T. -0.019 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Tgt Ion:225 Resp: 545

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	63.3	51.4	77.0



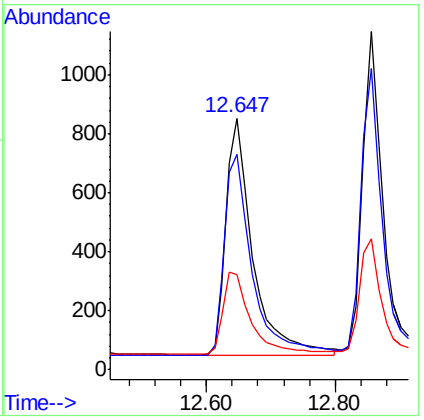


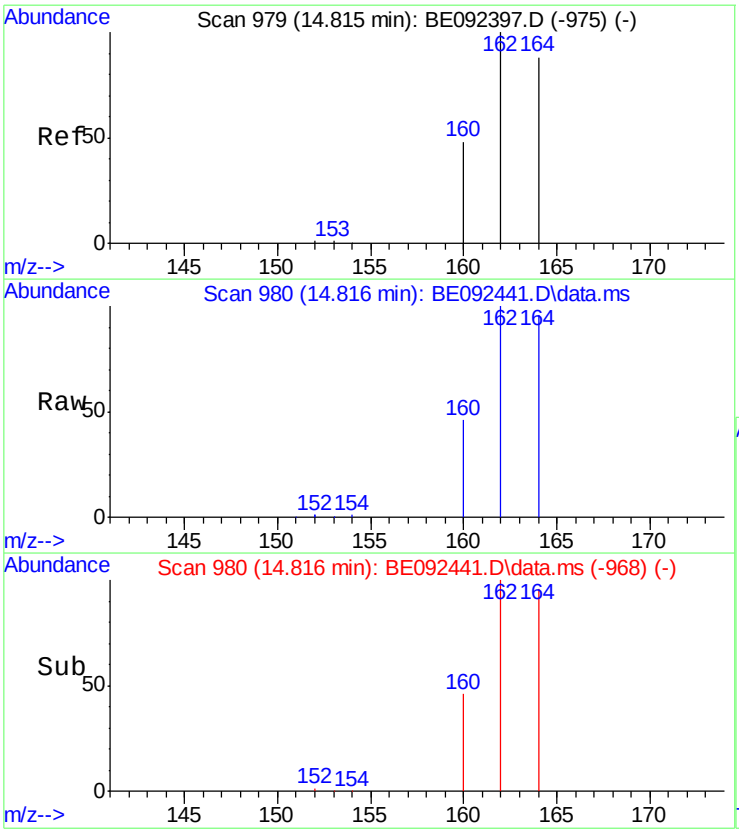
#11
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.647 min Scan# 81
Delta R.T. -0.000 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 2309

Ion	Ratio	Lower	Upper
142	100		
141	85.7	73.7	110.5
115	37.9	34.0	51.0

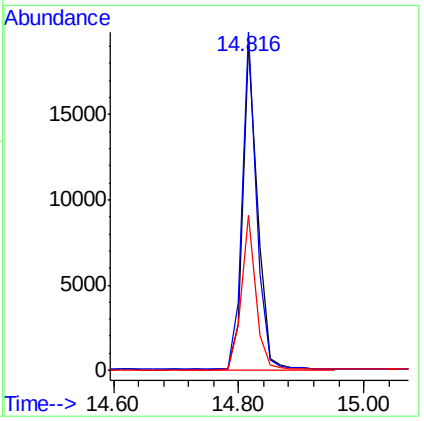


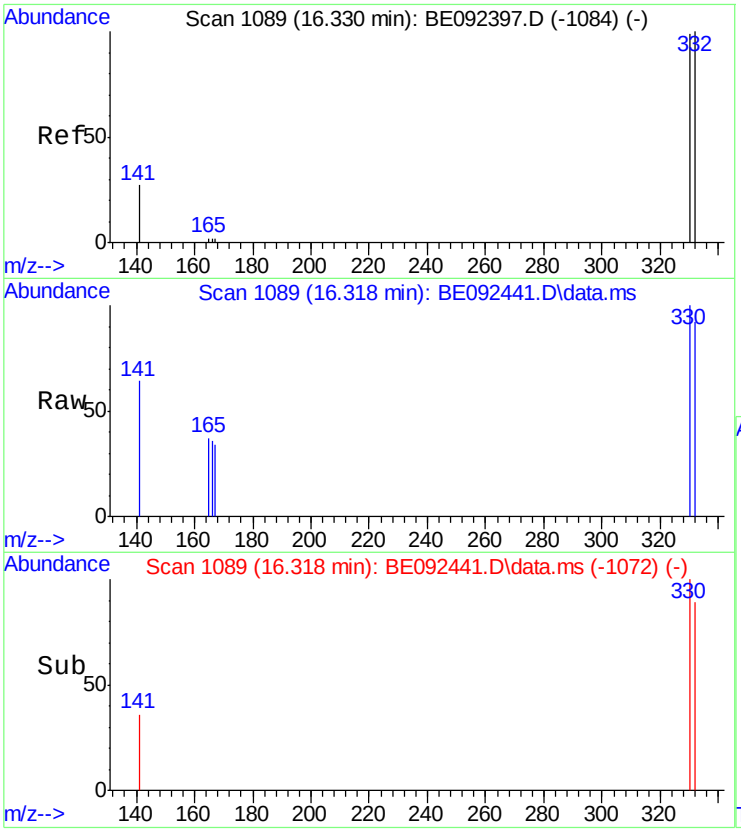


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.816 min Scan# 980
Delta R.T. 0.001 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Tgt Ion:164 Resp: 30809

Ion	Ratio	Lower	Upper
164	100		
162	103.9	71.4	107.0
160	47.6	27.4	41.2#



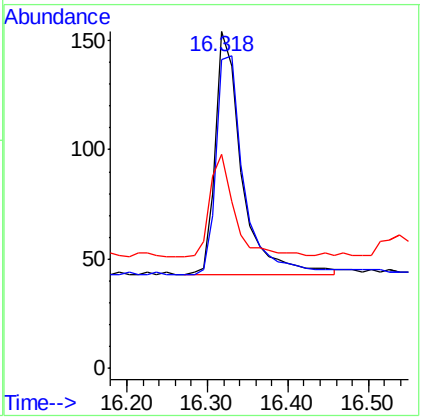


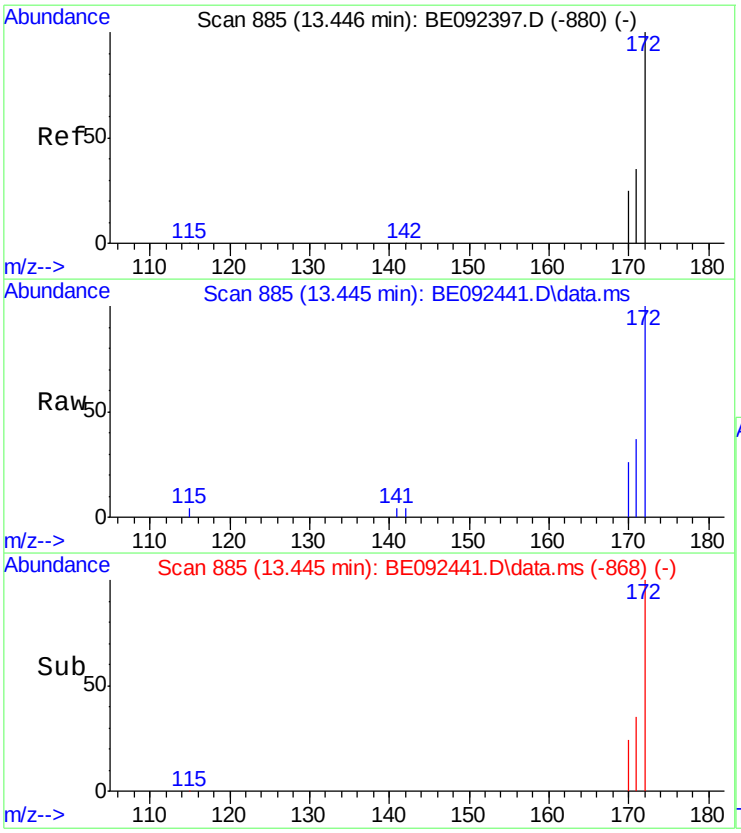
#13
2,4,6-Tribromophenol
Concen: 0.39 ng
RT: 16.318 min Scan# 10
Delta R.T. 0.000 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 253

Ion	Ratio	Lower	Upper
330	100		
332	94.9	75.4	113.0
141	39.9	31.0	46.6

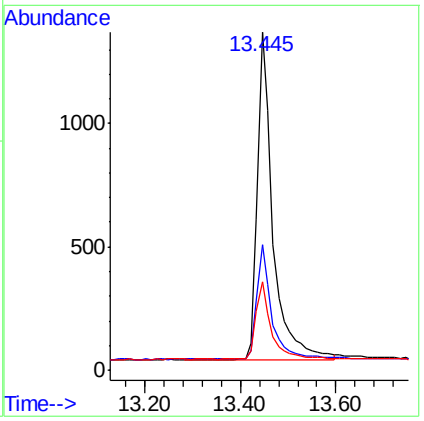


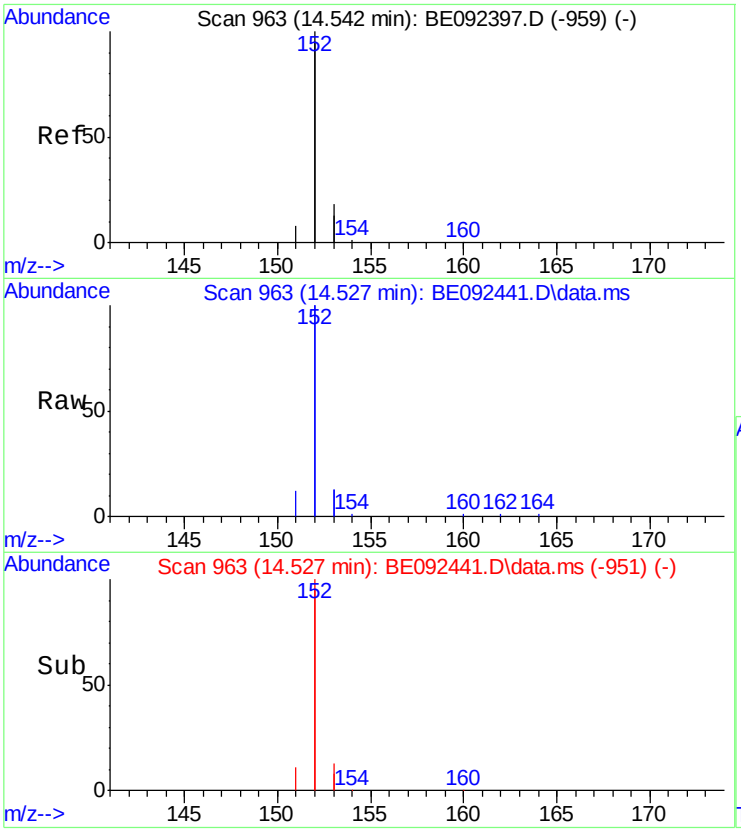


#14
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 13.445 min Scan# 885
Delta R.T. -0.000 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Tgt Ion:172 Resp: 2962

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.1	45.1
170	26.1	21.8	32.6



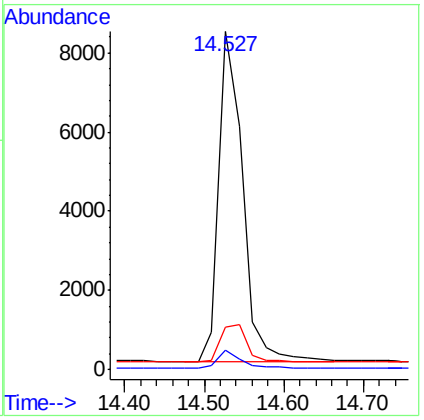


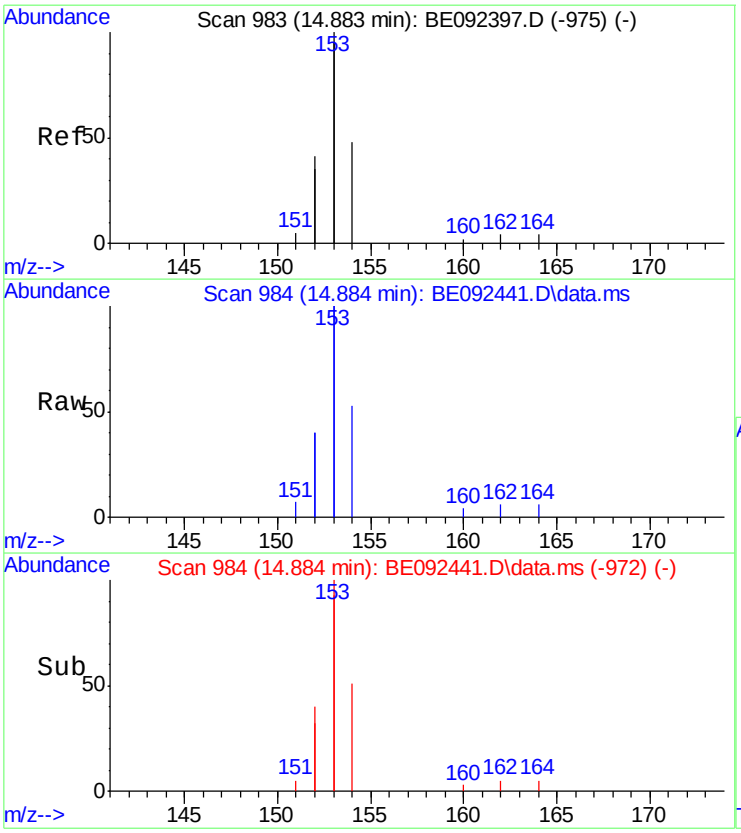
#15
Acenaphthylene
Concen: 0.39 ng
RT: 14.527 min Scan# 96
Delta R.T. 0.001 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 17227

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.0	10.4	15.6

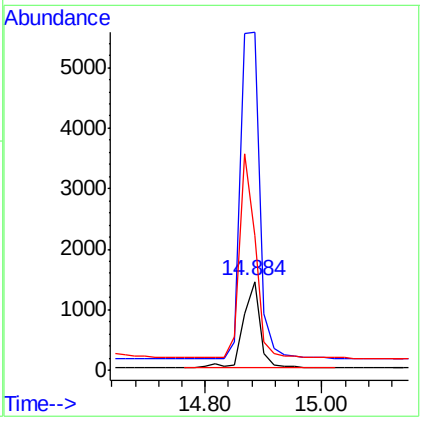


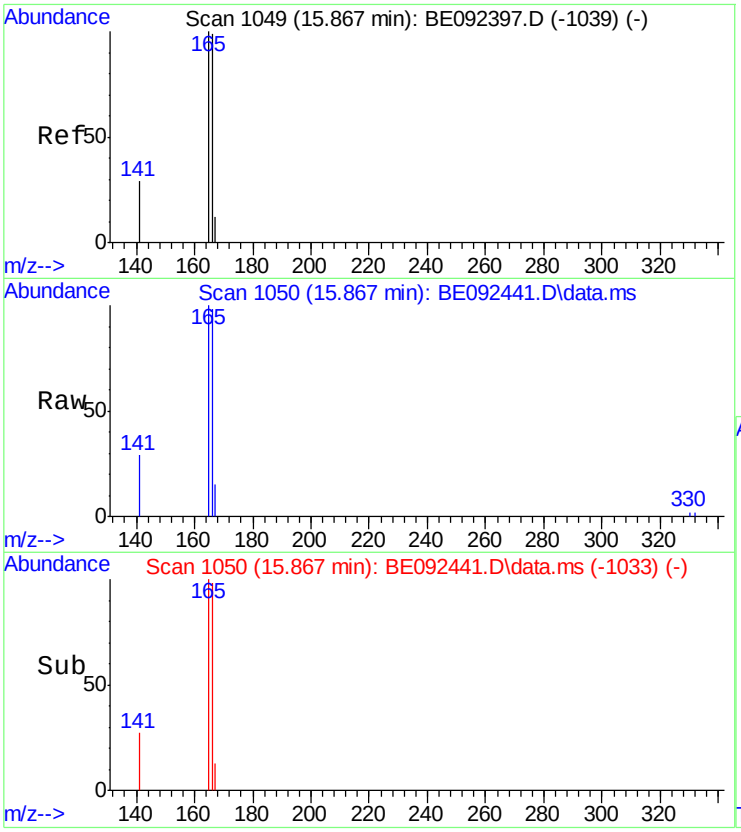


#16
Acenaphthene
Concen: 0.40 ng
RT: 14.884 min Scan# 984
Delta R.T. 0.001 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Tgt Ion:154 Resp: 2826

Ion	Ratio	Lower	Upper
154	100		
153	440.4	350.8	526.2
152	223.4	171.1	256.7



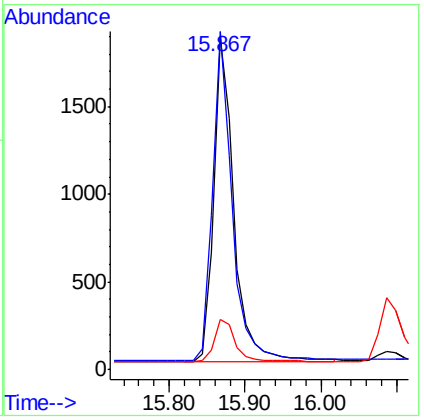


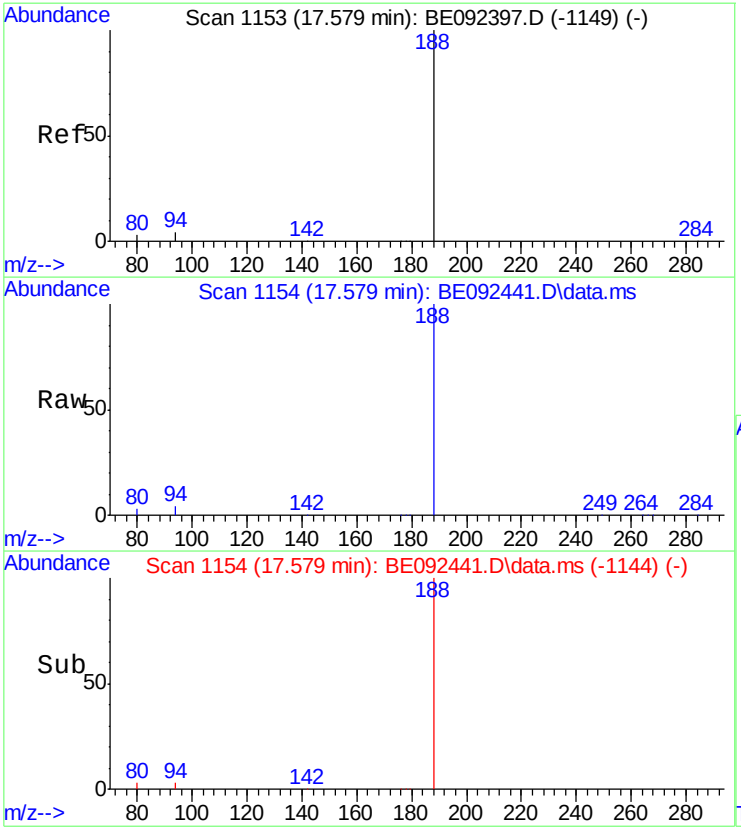
#17
Fluorene
Concen: 0.39 ng
RT: 15.867 min Scan# 10
Delta R.T. -0.000 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 3438

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.2	117.4
167	13.5	11.0	16.4

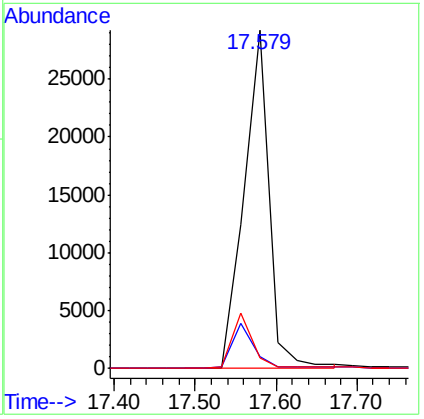


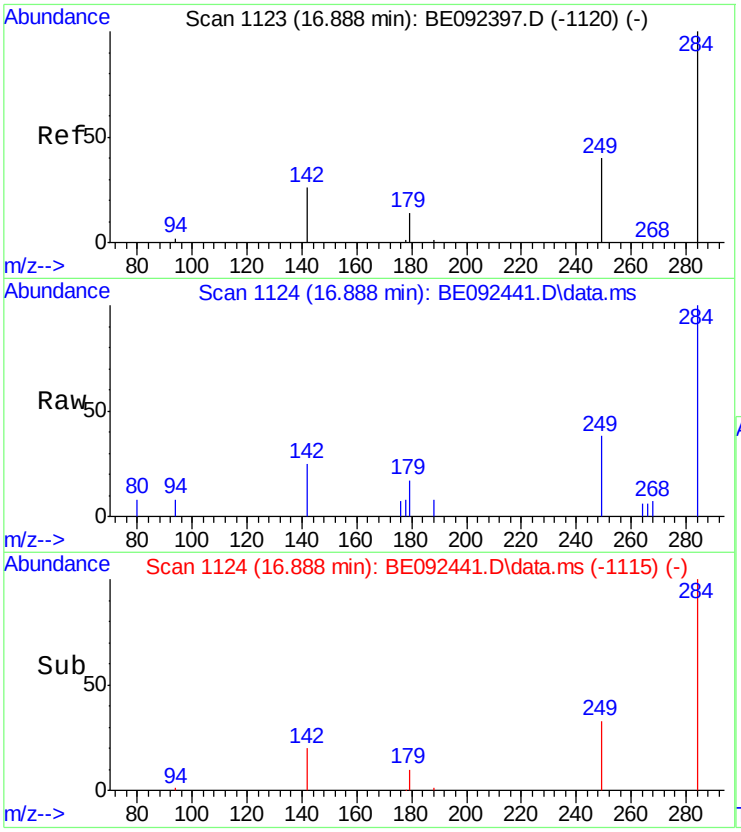


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.579 min Scan# 1154
Delta R.T. 0.023 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Tgt Ion:188 Resp: 62221

Ion	Ratio	Lower	Upper
188	100		
94	3.6	3.2	4.8
80	3.1	2.6	3.8



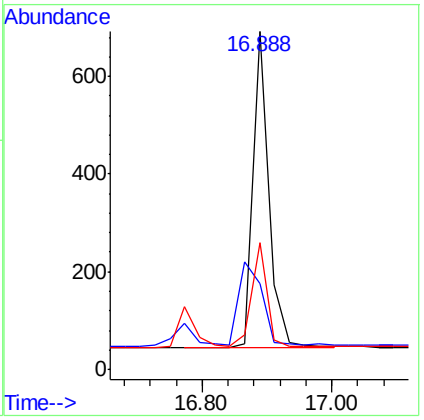


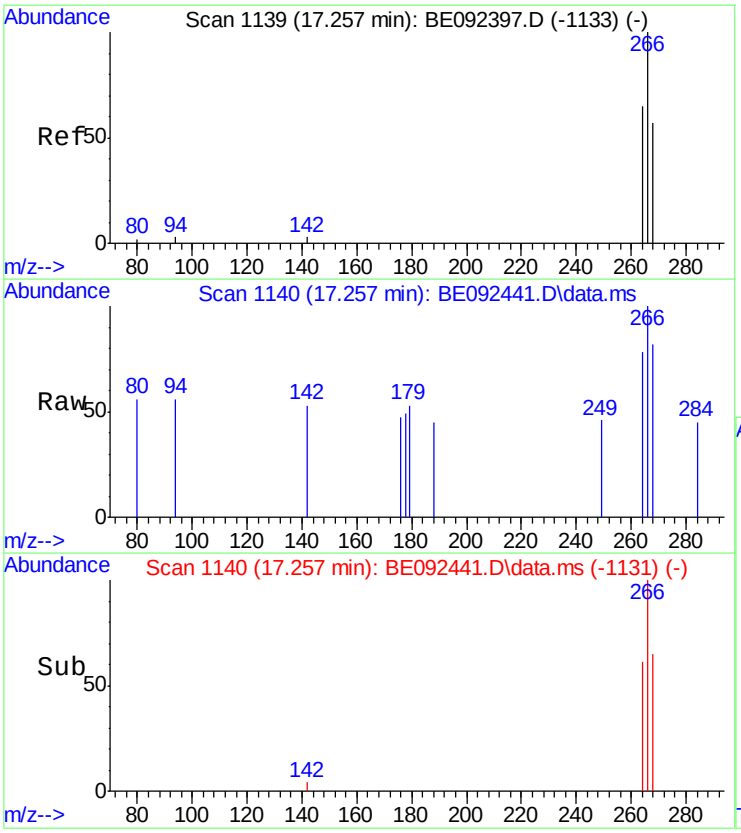
#19
Hexachlorobenzene
Concen: 0.42 ng
RT: 16.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1111

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	31.9	27.9	41.9

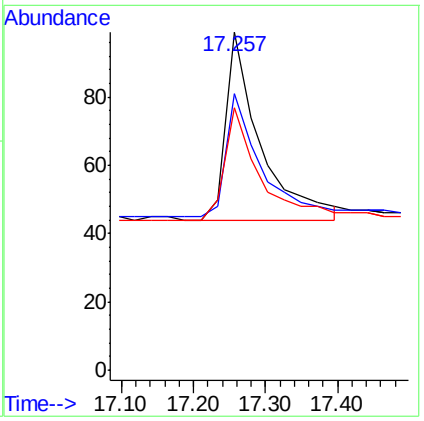


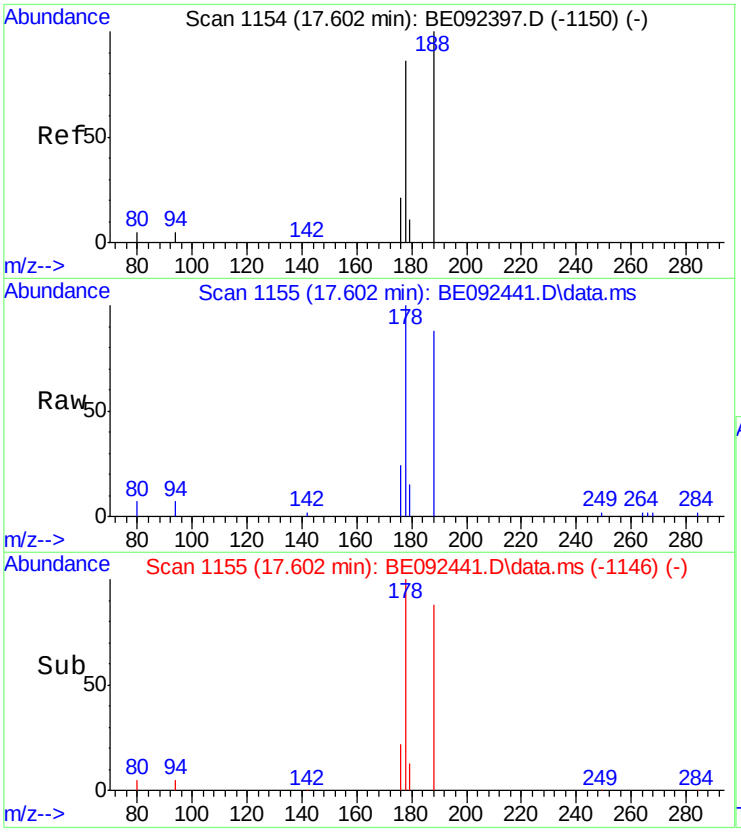


#20
Pentachlorophenol
Concen: 0.36 ng
RT: 17.257 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Tgt Ion:266 Resp: 182

Ion	Ratio	Lower	Upper
266	100		
268	81.8	62.5	93.7
264	77.8	57.2	85.8



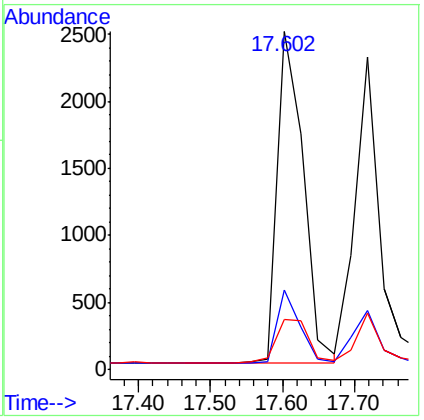


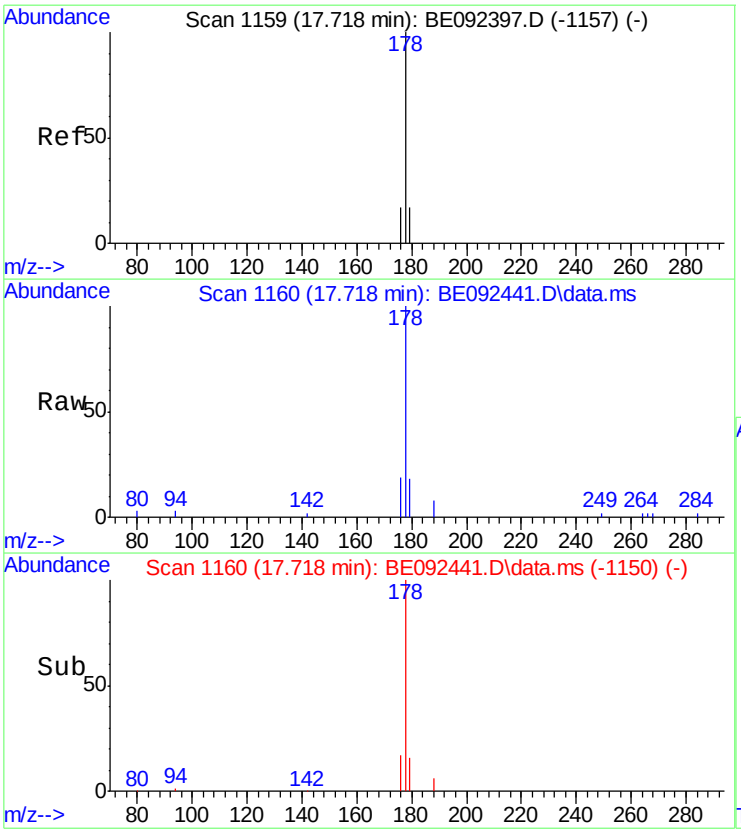
#21
Phenanthrene
Concen: 0.43 ng
RT: 17.602 min Scan# 11
Delta R.T. 0.000 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 6161

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.9	16.0	24.0#

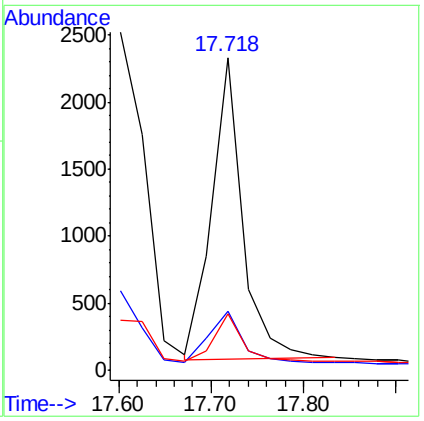


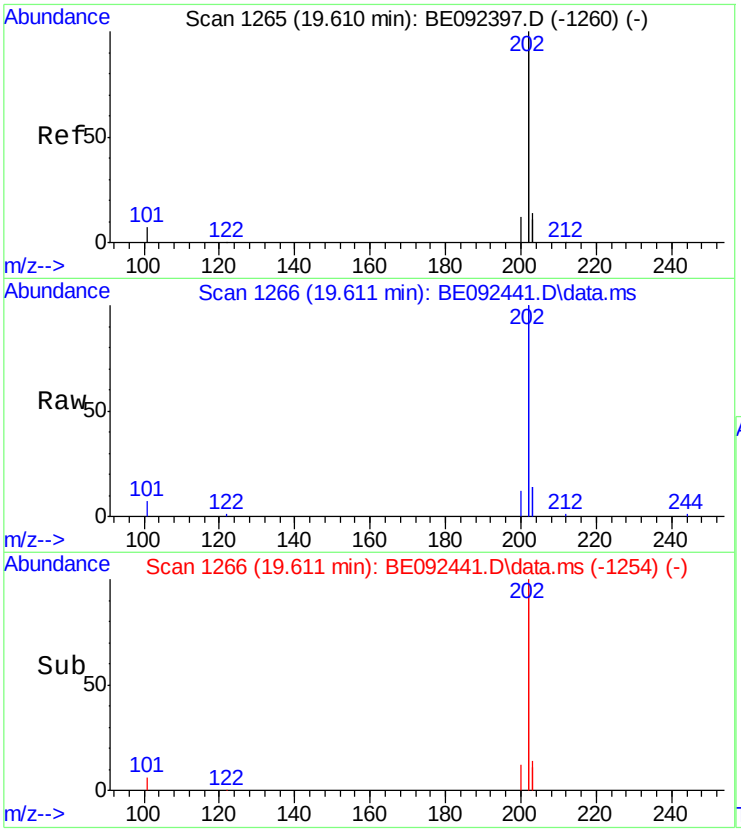


#22
Anthracene
Concen: 0.38 ng
RT: 17.718 min Scan# 1160
Delta R.T. 0.023 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Tgt Ion:178 Resp: 5240

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.0	12.2	18.2



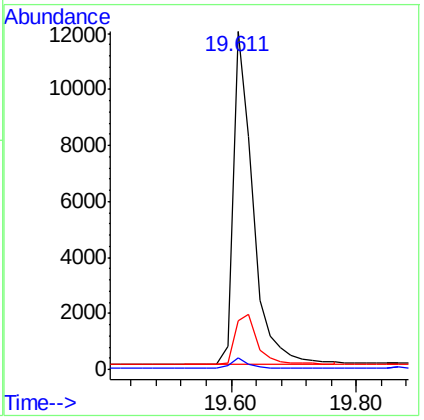


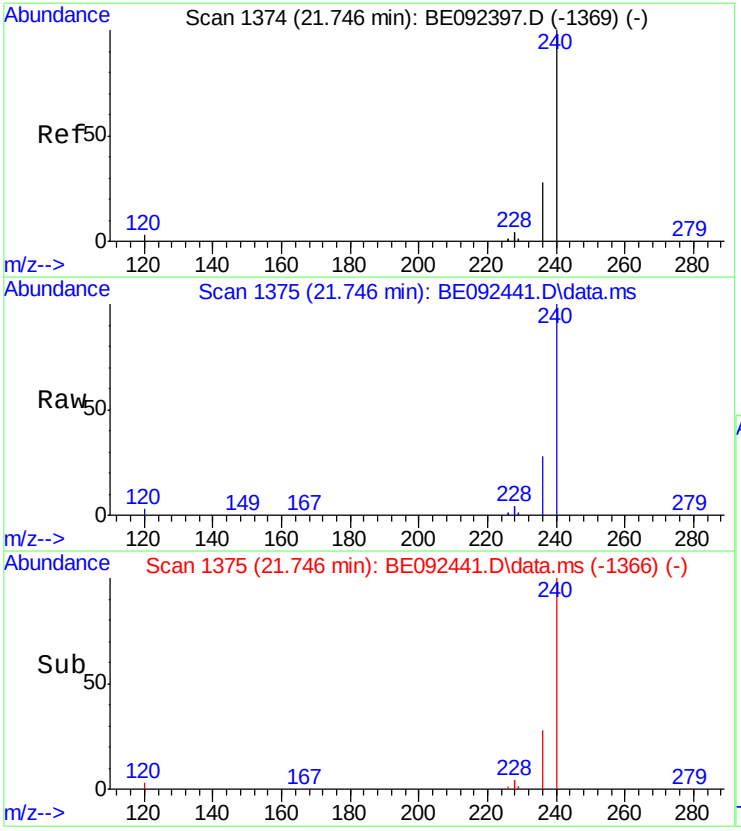
#23
Fluoranthene
Concen: 0.38 ng
RT: 19.611 min Scan# 12
Delta R.T. 0.000 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 26070

Ion	Ratio	Lower	Upper
202	100		
101	2.7	2.2	3.4
203	17.3	13.7	20.5

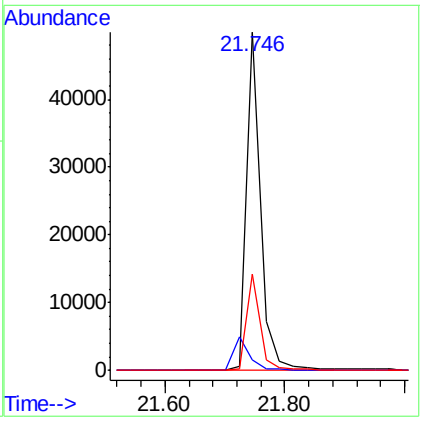


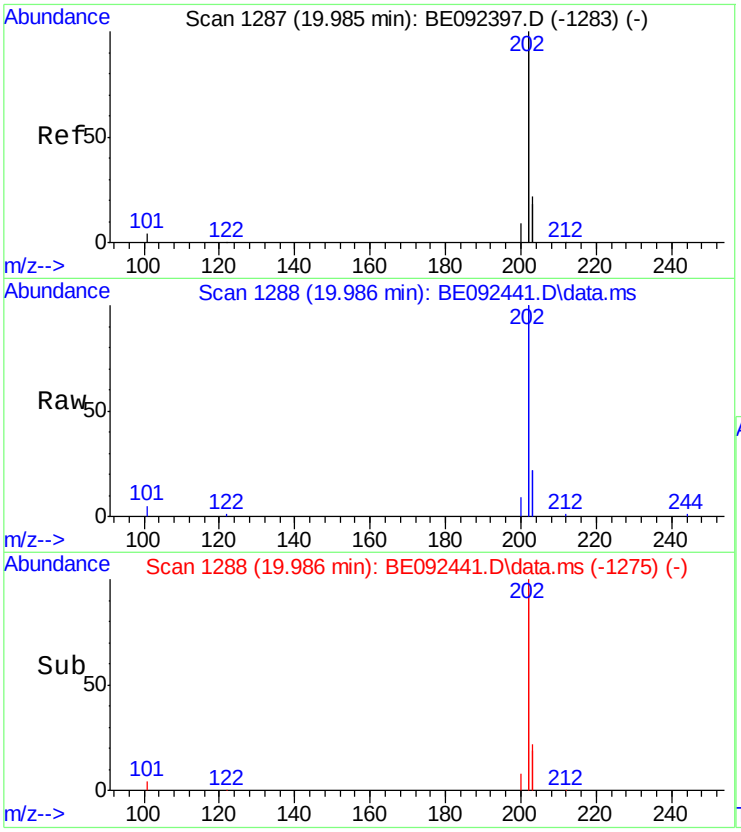


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.746 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Tgt Ion:240 Resp: 81685

Ion	Ratio	Lower	Upper
240	100		
120	3.2	2.6	4.0
236	28.4	24.6	37.0



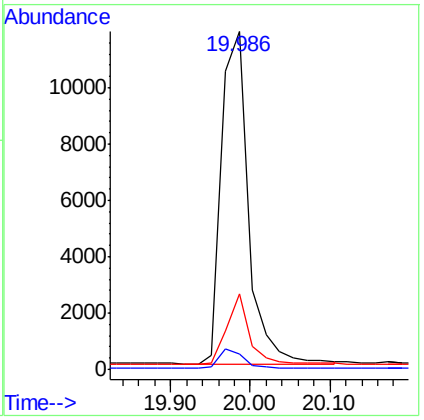


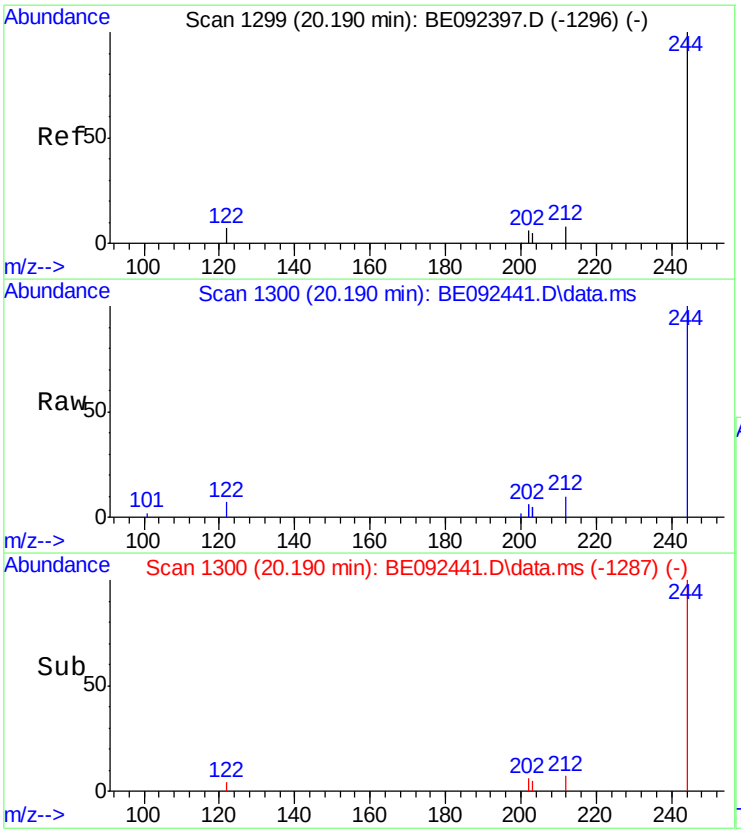
#25
Pyrene
Concen: 0.39 ng
RT: 19.986 min Scan# 12
Delta R.T. 0.017 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 27695

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.5	13.9	20.9

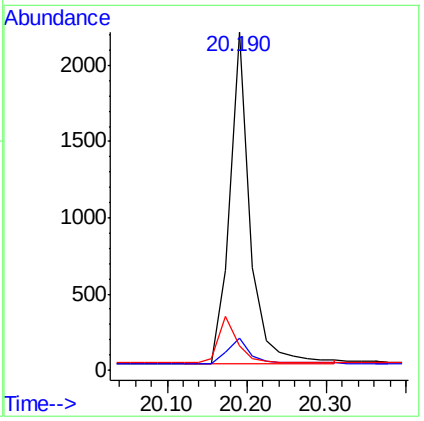


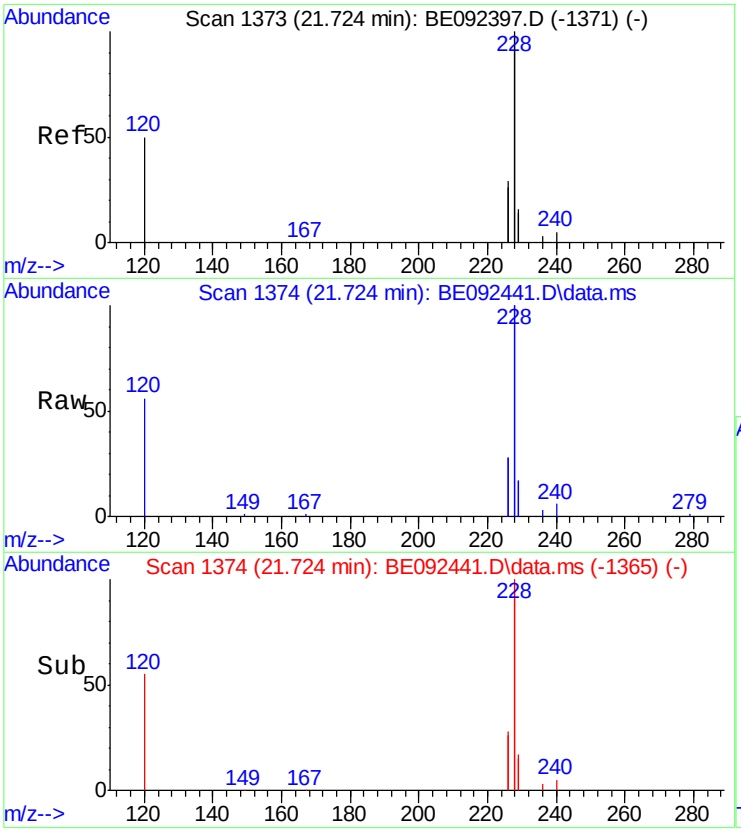


#26
Terphenyl-d14
Concen: 0.38 ng
RT: 20.190 min Scan# 1300
Delta R.T. 0.017 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Tgt Ion:244 Resp: 3848

Ion	Ratio	Lower	Upper
244	100		
212	9.6	6.7	10.1
122	7.4	3.6	5.4#



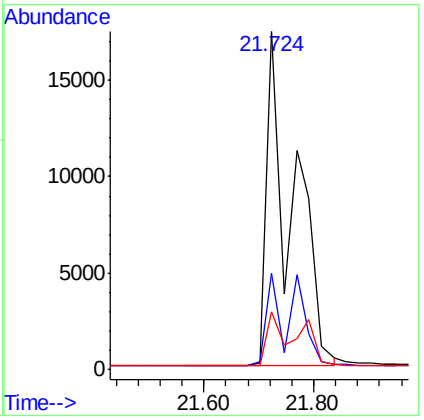


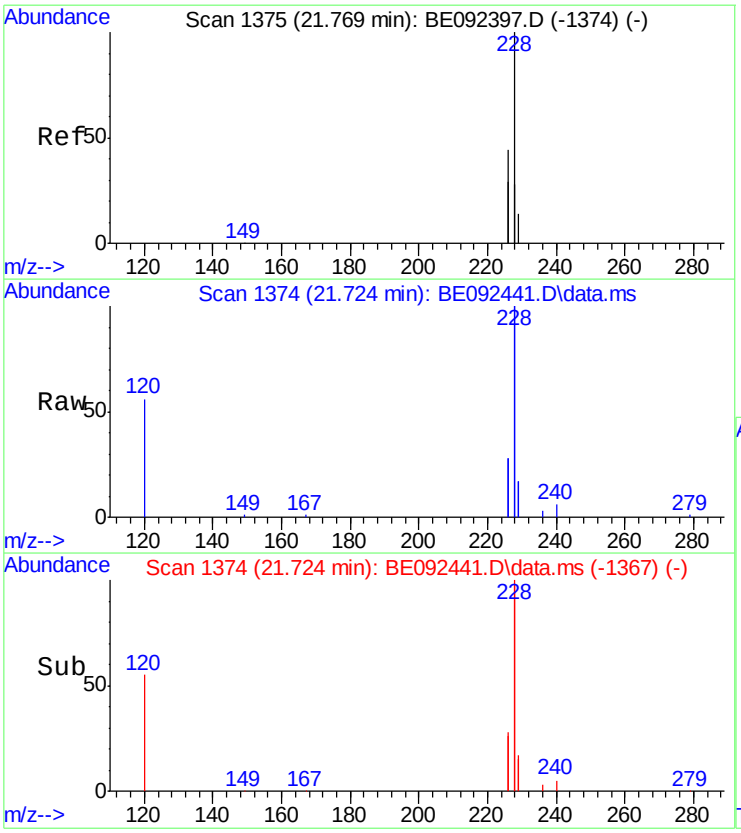
#27
Benzo(a)anthracene
Concen: 0.73 ng
RT: 21.724 min Scan# 13
Delta R.T. -0.000 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 57945

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.6	35.4
229	17.0	13.3	19.9

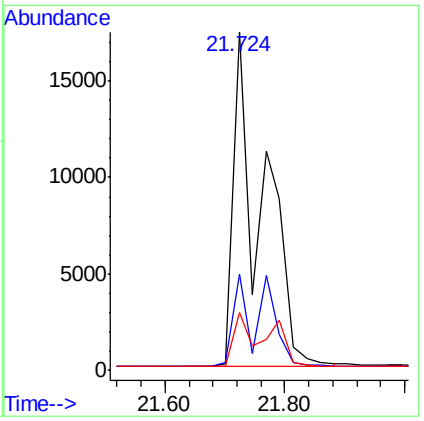


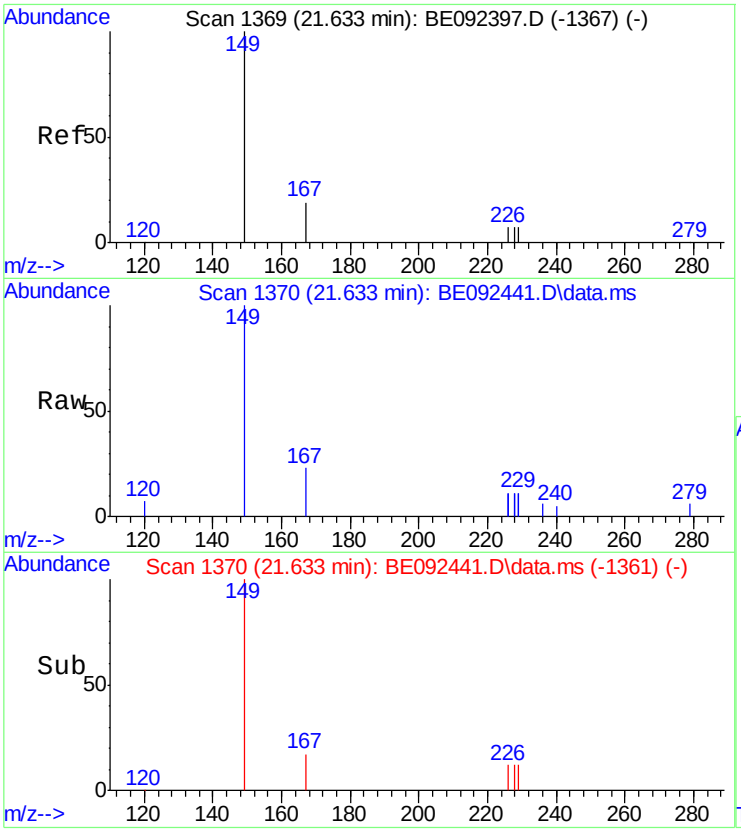


#28
Chrysene
Concen: 0.80 ng
RT: 21.724 min Scan# 1374
Delta R.T. -0.044 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Tgt Ion:228 Resp: 58479

Ion	Ratio	Lower	Upper
228	100		
226	28.3	36.3	54.5#
229	17.0	10.6	16.0#



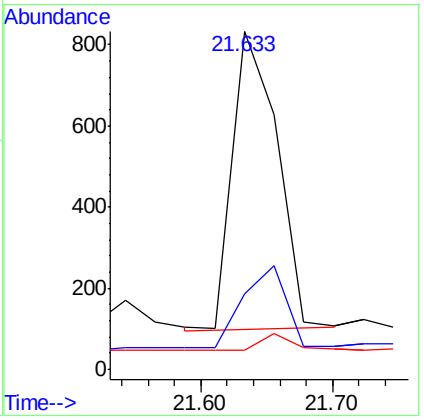


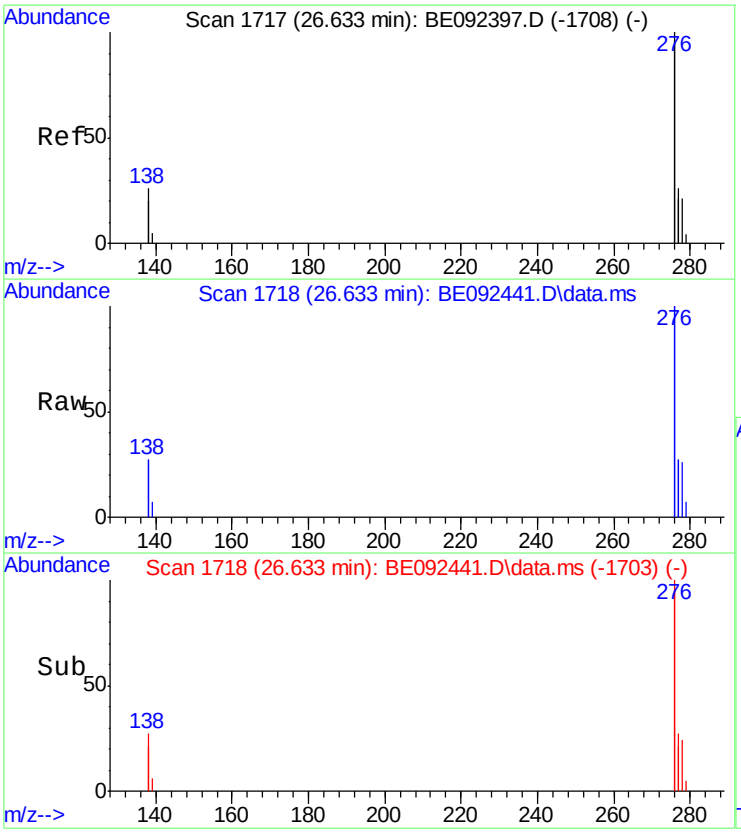
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.26 ng
RT: 21.633 min Scan# 13
Delta R.T. 0.000 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 1751

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

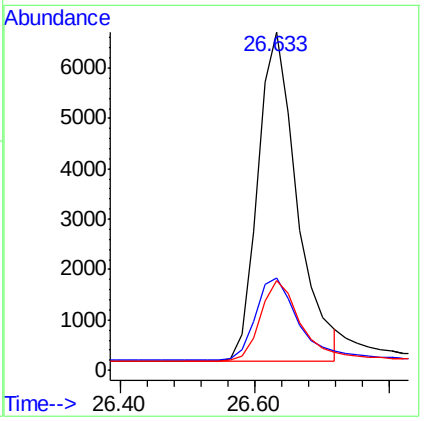


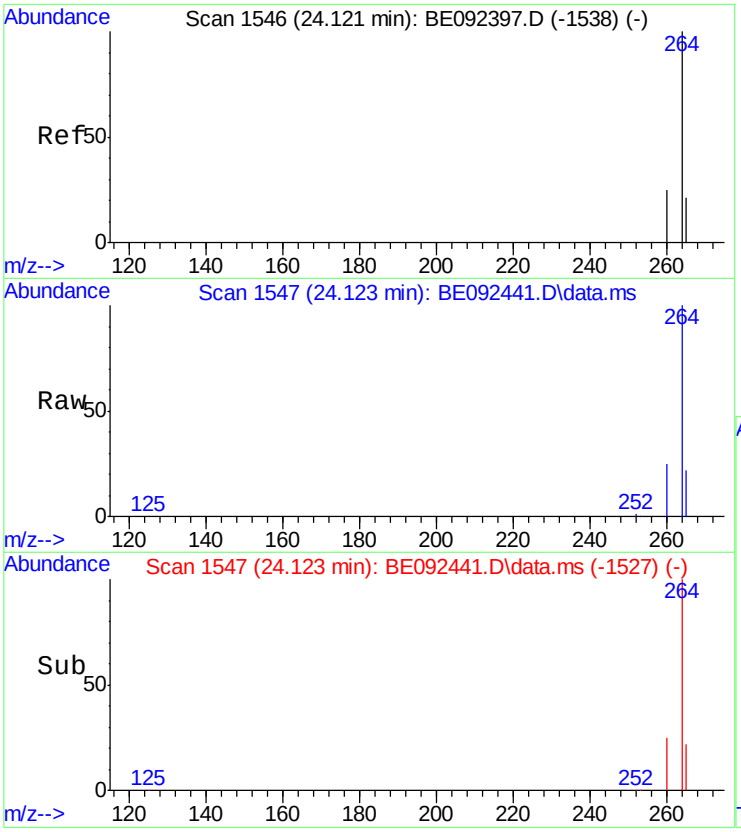


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.34 ng
RT: 26.633 min Scan# 1718
Delta R.T. 0.052 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Tgt Ion:276 Resp: 26308

Ion	Ratio	Lower	Upper
276	100		
138	27.0	20.3	30.5
277	24.6	19.7	29.5



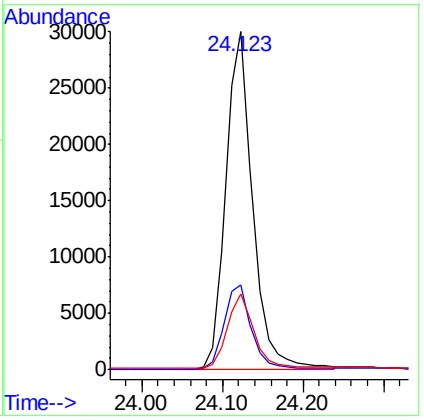


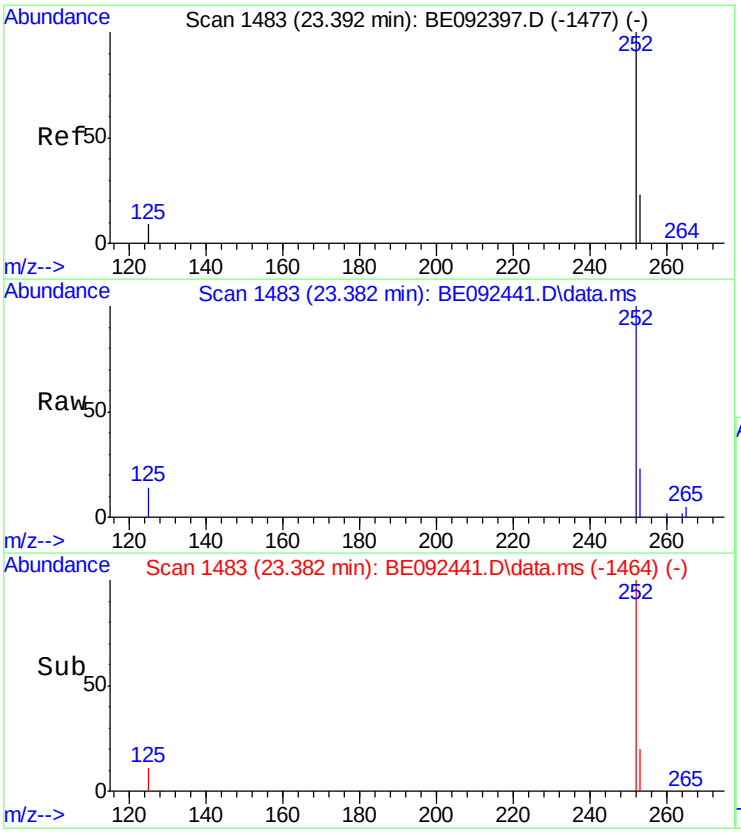
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.123 min Scan# 15
Delta R.T. 0.036 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 68750

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	22.4	17.9	26.9

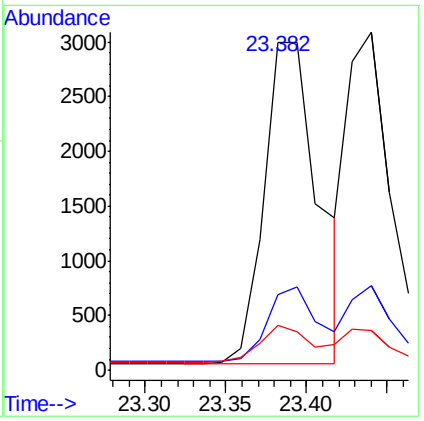


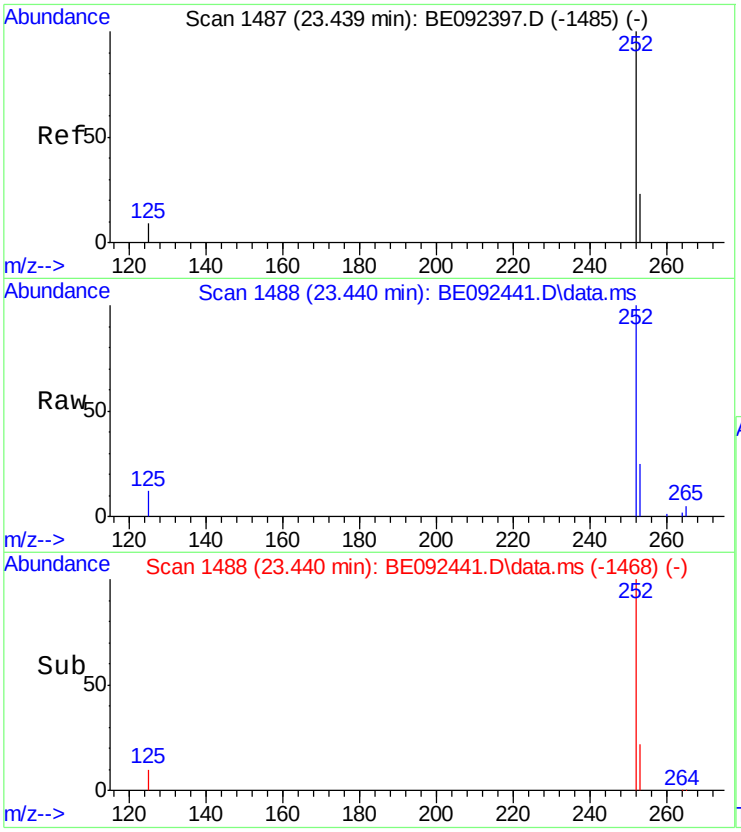


#32
Benzo(b)fluoranthene
Concen: 0.41 ng
RT: 23.382 min Scan# 1483
Delta R.T. 0.024 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Tgt Ion:252 Resp: 6898

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.7	28.1
125	13.6	10.5	15.7



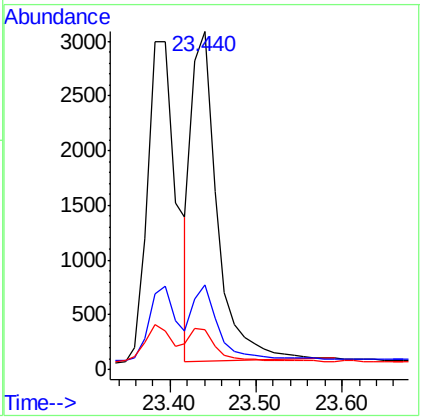


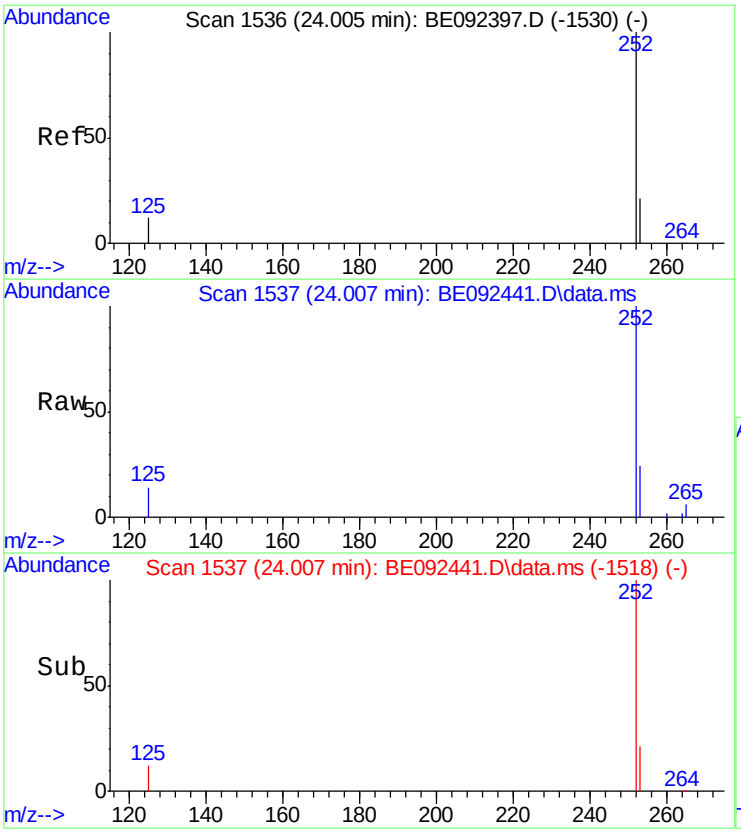
#33
Benzo(k)fluoranthene
Concen: 0.35 ng
RT: 23.440 min Scan# 14
Delta R.T. 0.036 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6161

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.3	30.5
125	11.9	9.6	14.4

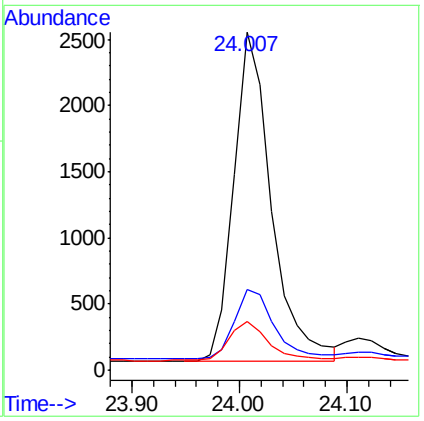


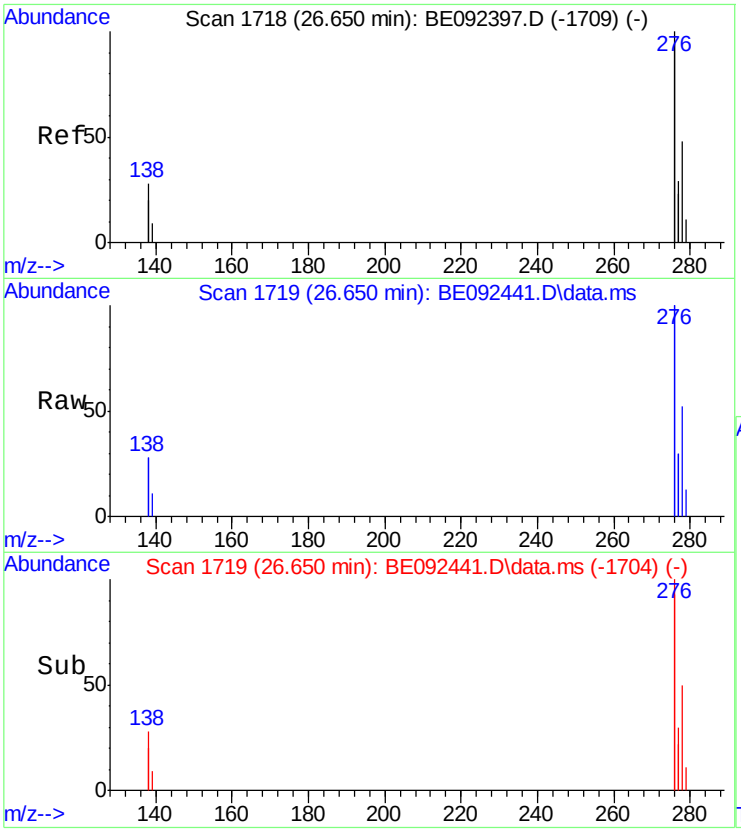


#34
Benzo(a)pyrene
Concen: 0.37 ng
RT: 24.007 min Scan# 1537
Delta R.T. 0.024 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Tgt Ion:252 Resp: 6032

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.0	28.6
125	14.4	11.8	17.8



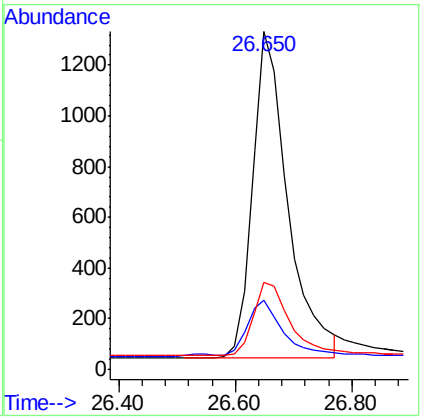


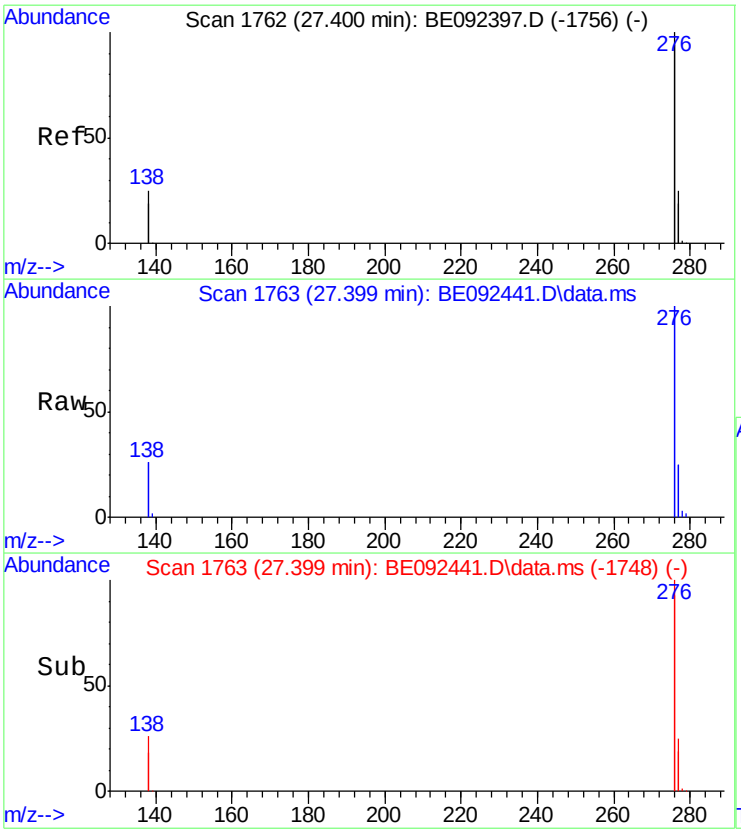
#35
Dibenzo(a,h)anthracene
Concen: 0.36 ng
RT: 26.650 min Scan# 17
Delta R.T. 0.052 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 5404

Ion	Ratio	Lower	Upper
278	100		
139	20.5	13.8	20.8
279	25.8	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 27.399 min Scan# 1763
Delta R.T. 0.052 min
Lab File: BE092441.D
Acq: 30 Sep 2016 19:04

Tgt Ion:276 Resp: 23829

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.8	29.8
138	25.7	19.8	29.6