Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081916\
Data File : BE092269.D
Acq On : 19 Aug 2016 14:11
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Aug 22 00:53:43 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 11:12:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	11294	5.00	ng		0.02
7) Naphthalene-d8	10.97	136	54452	5.00	ng		0.00
12) Acenaphthene-d10	14.83	164	31275	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	77738	5.00	ng		0.02
24) Chrysene-d12	21.75	240	66776	5.00	ng		0.00
31) Perylene-d12	24.13	264	71481	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.70	112	1071	0.43	ng		0.00
5) Phenol-d6	7.38	99	1372	0.39	ng		0.02
8) Nitrobenzene-d5	9.25	82	145	0.04	ng		-0.12
13) 2,4,6-Tribromophenol	16.33	330	329	0.50	ng		0.00
14) 2-Fluorobiphenyl	13.46	172	3952	0.41	ng		-0.01
26) Terphenyl-d14	20.19	244	4765	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	620	0.41	ng		97
3) n-Nitrosodimethylamine	3.81	42	701	0.48	ng		94
6) bis(2-Chloroethyl)ether	7.61	93	1115	0.39	ng		97
9) Naphthalene	11.03	128	4980	0.41	ng		99
10) Hexachlorobutadiene	11.32	225	726	0.41	ng		97
11) 2-Methylnaphthalene	12.66	142	3173	0.42	ng		95
15) Acenaphthylene	14.54	152	21589	0.40	ng		99
16) Acenaphthene	14.90	154	3554	0.41	ng		97
17) Fluorene	15.88	166	4342	0.41	ng		99
19) Hexachlorobenzene	16.91	284	1204	0.39	ng	#	100
20) Pentachlorophenol	17.26	266	419	0.59	ng		89
21) Phenanthrene	17.63	178	7660	0.38	ng		99
22) Anthracene	17.72	178	7048	0.39	ng		100
23) Fluoranthene	19.63	202	31268	0.39	ng		99
25) Pyrene	19.99	202	32980	0.42	ng		100
27) Benzo(a)anthracene	21.75	228	34101	0.43	ng		97
28) Chrysene	21.75	228	34101	0.46	ng	#	89
29) Bis(2-ethylhexyl)phthalate	21.66	149	3987	0.52	ng	#	98
30) Indeno(1,2,3-cd)pyrene	26.65	276	29892	0.37	ng		99
32) Benzo(b)fluoranthene	23.39	252	7200	0.38	ng		100
33) Benzo(k)fluoranthene	23.44	252	7851	0.41	ng		98
34) Benzo(a)pyrene	24.02	252	6894	0.39	ng		98
35) Dibenzo(a,h)anthracene	26.67	278	5698	0.35	ng		99
36) Benzo(g,h,i)perylene	27.42	276	27149	0.38	ng		99

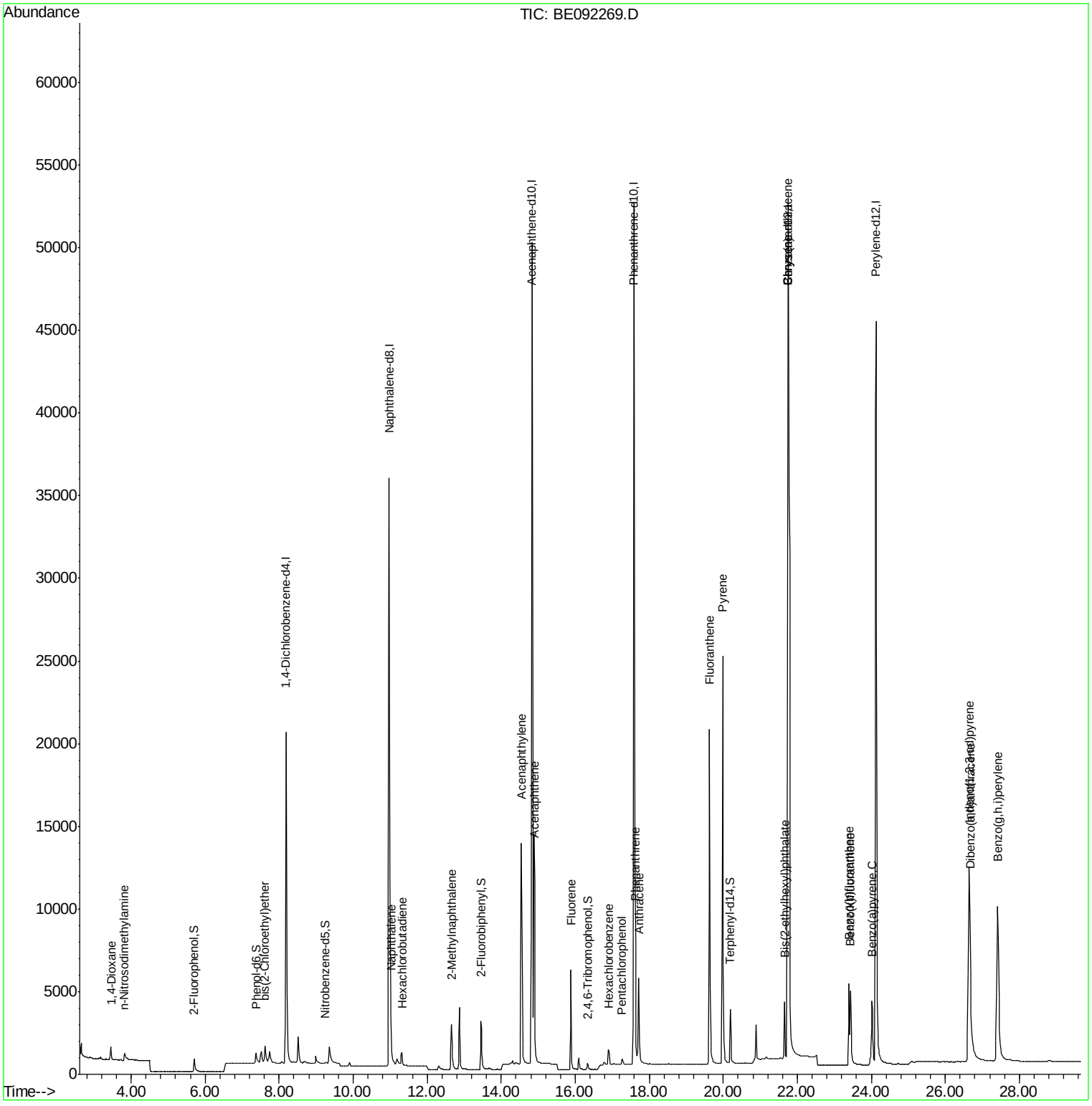
(#) = qualifier out of range (m) = manual integration (+) = signals summed

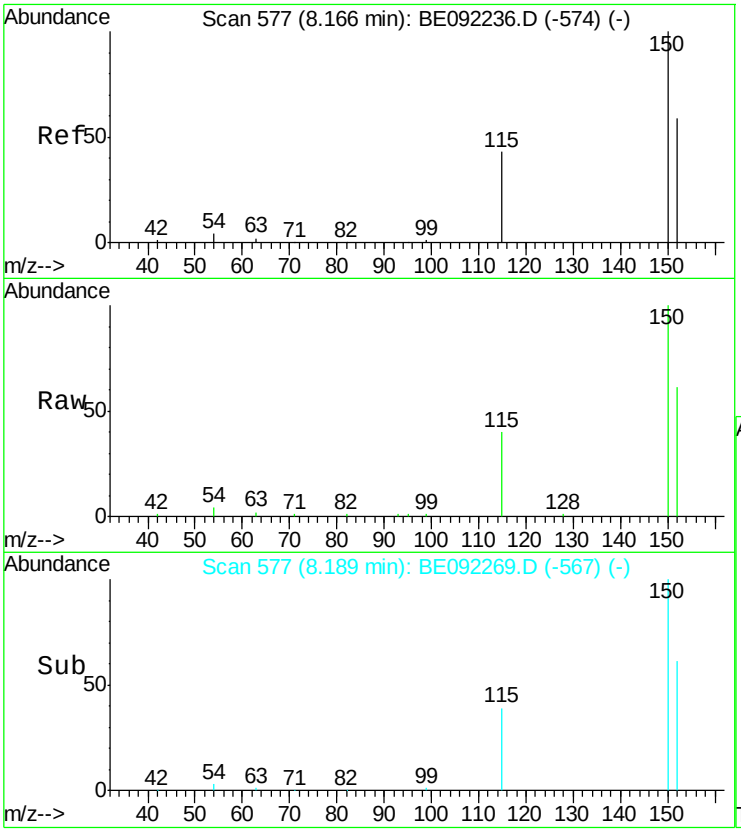
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081916\
Data File : BE092269.D
Acq On : 19 Aug 2016 14:11
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 22 00:53:43 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 11:12:32 2016
Response via : Initial Calibration



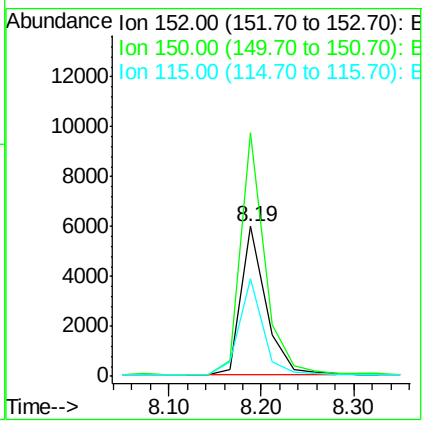


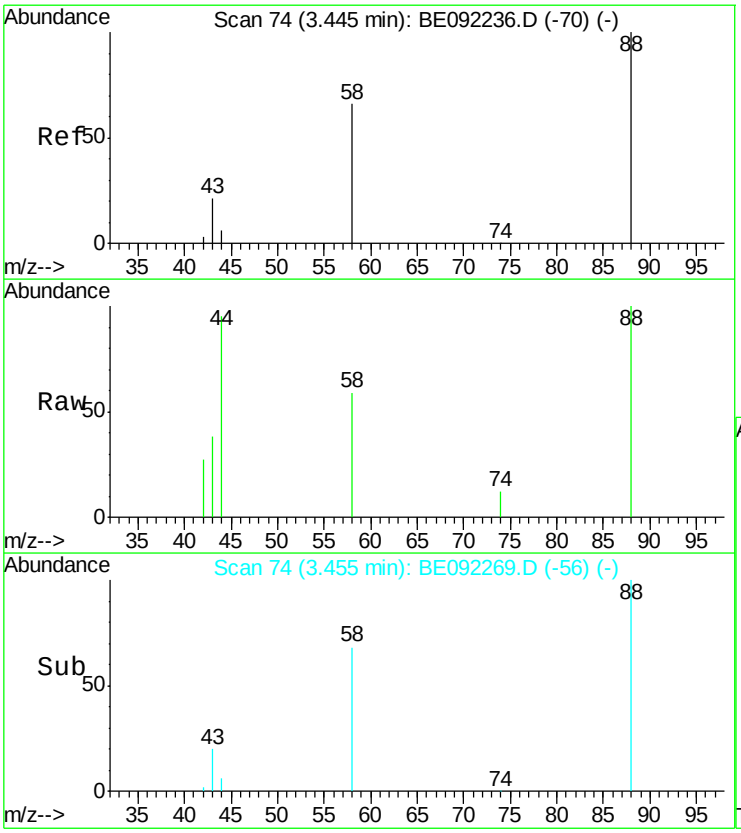
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.19 min Scan# 577
Delta R.T. 0.02 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 11294

Ion	Ratio	Lower	Upper
152	100		
150	162.7	135.6	203.4
115	64.9	59.4	89.0

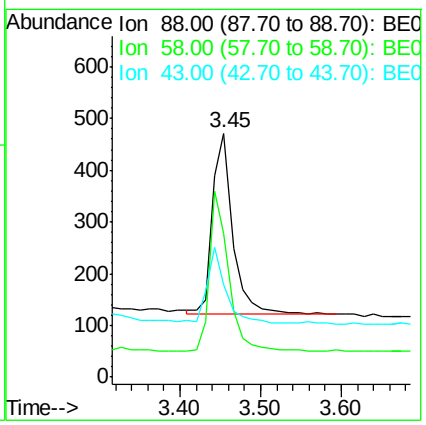


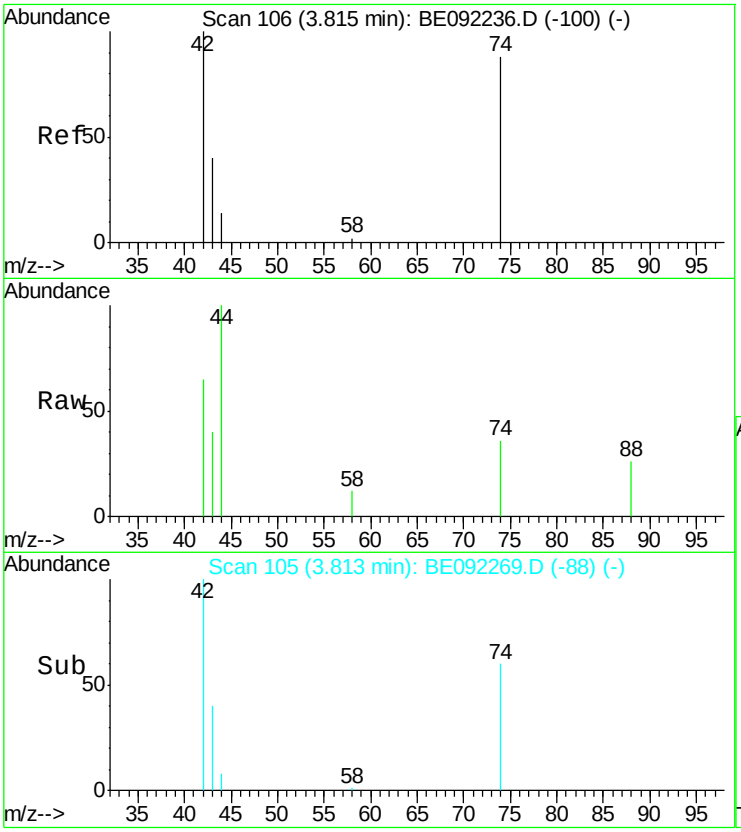


#2
1,4-Dioxane
Concen: 0.41 ng
RT: 3.45 min Scan# 74
Delta R.T. 0.01 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Tgt Ion: 88 Resp: 620

Ion	Ratio	Lower	Upper
88	100		
58	81.0	64.4	96.6
43	37.7	33.4	50.2



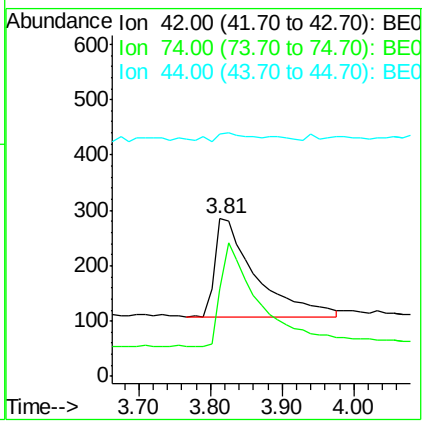


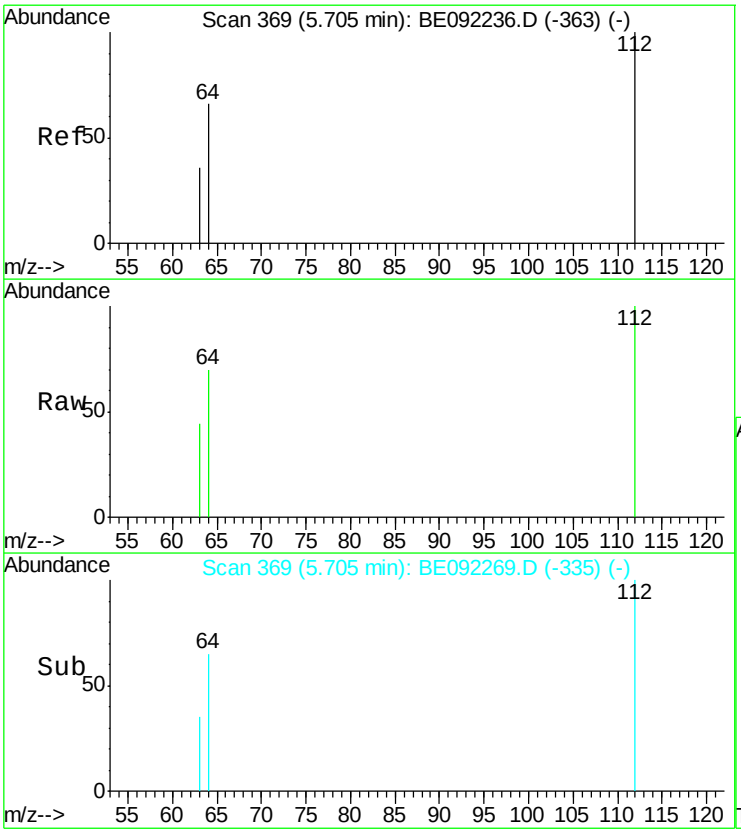
#3
n-Nitrosodimethylamine
Concen: 0.48 ng
RT: 3.81 min Scan# 105
Delta R.T. -0.00 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 701

Ion	Ratio	Lower	Upper
42	100		
74	102.3	77.2	115.8
44	5.7	5.0	7.4

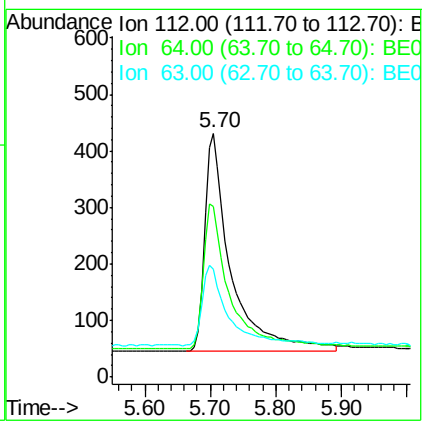


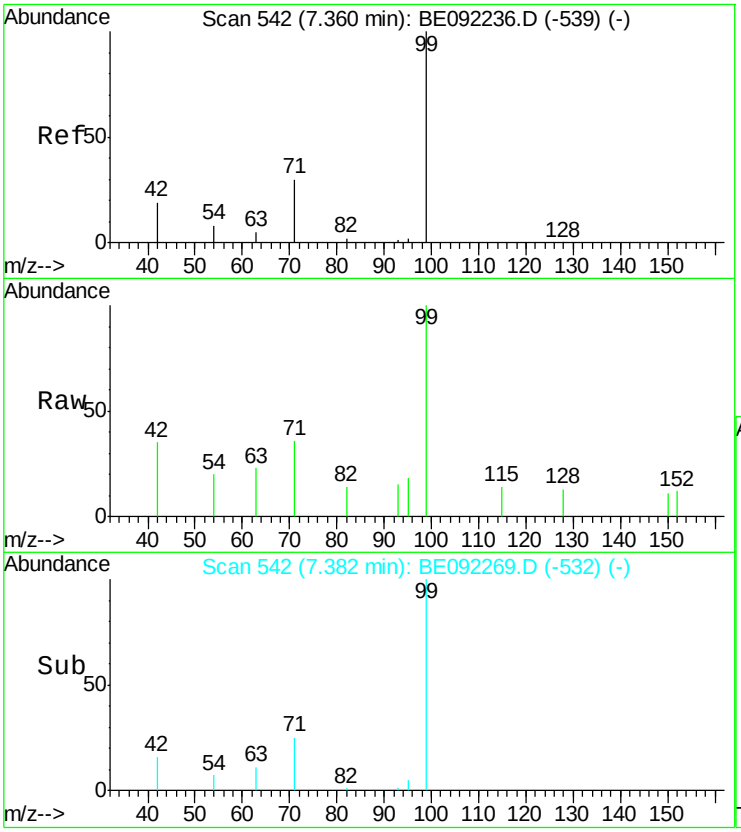


#4
2-Fluorophenol
Concen: 0.43 ng
RT: 5.70 min Scan# 369
Delta R.T. -0.00 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Tgt Ion:112 Resp: 1071

Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.2	79.8
63	35.5	27.4	41.2



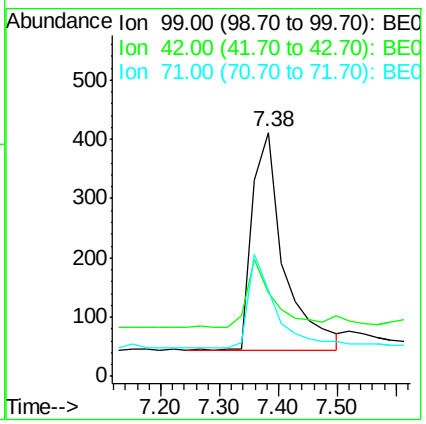


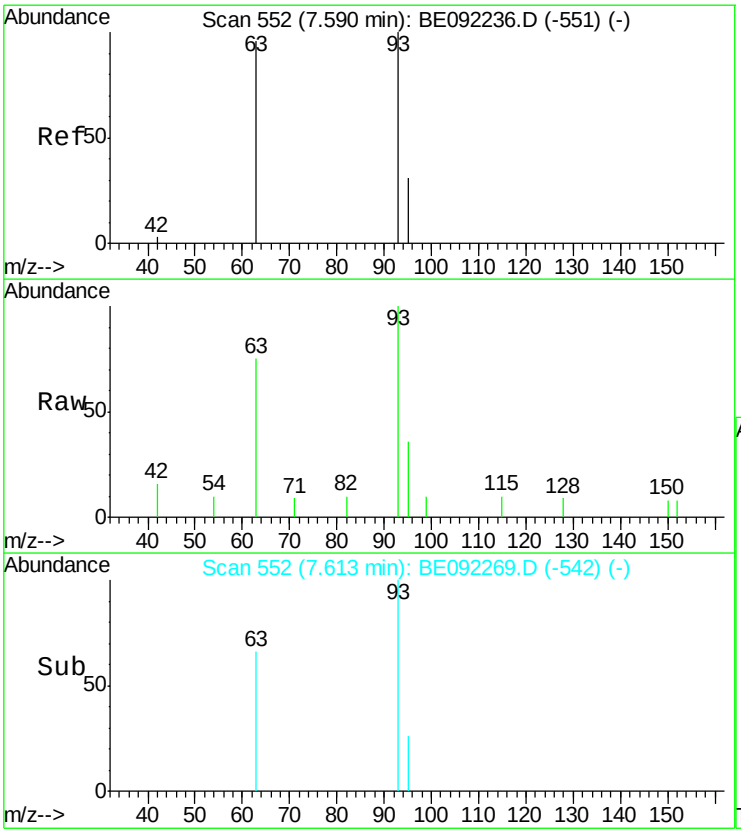
#5
Phenol-d6
Concen: 0.39 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.02 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1372

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	29.8	44.8#

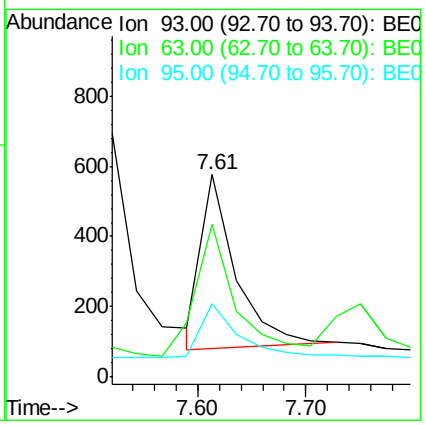


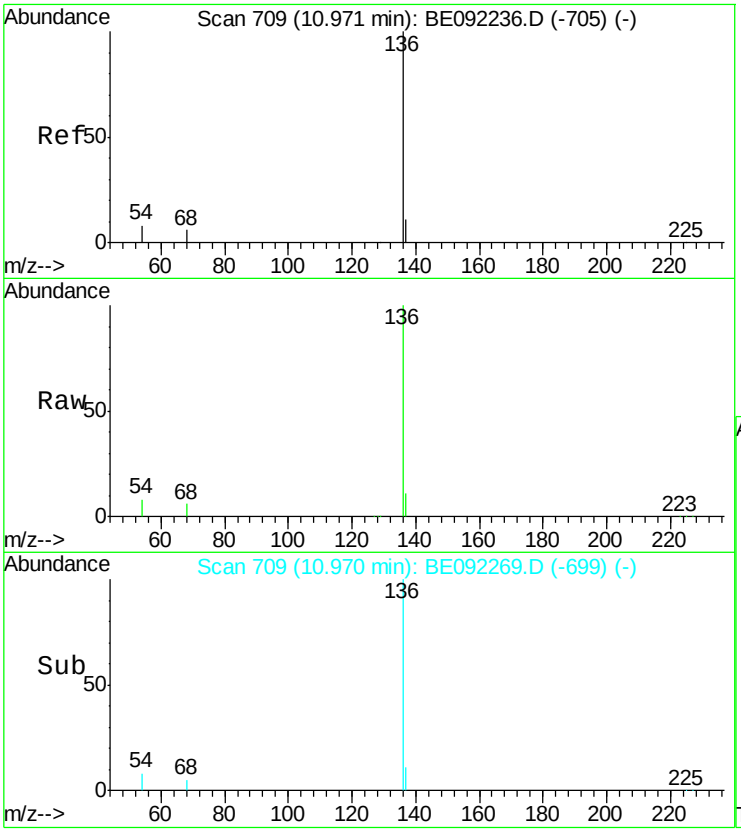


#6
bis(2-Chloroethyl)ether
Concen: 0.39 ng
RT: 7.61 min Scan# 552
Delta R.T. 0.02 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Tgt Ion: 93 Resp: 1115

Ion	Ratio	Lower	Upper
93	100		
63	88.6	68.5	102.7
95	35.0	27.2	40.8



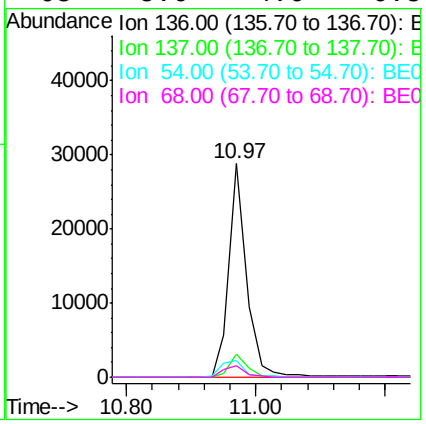


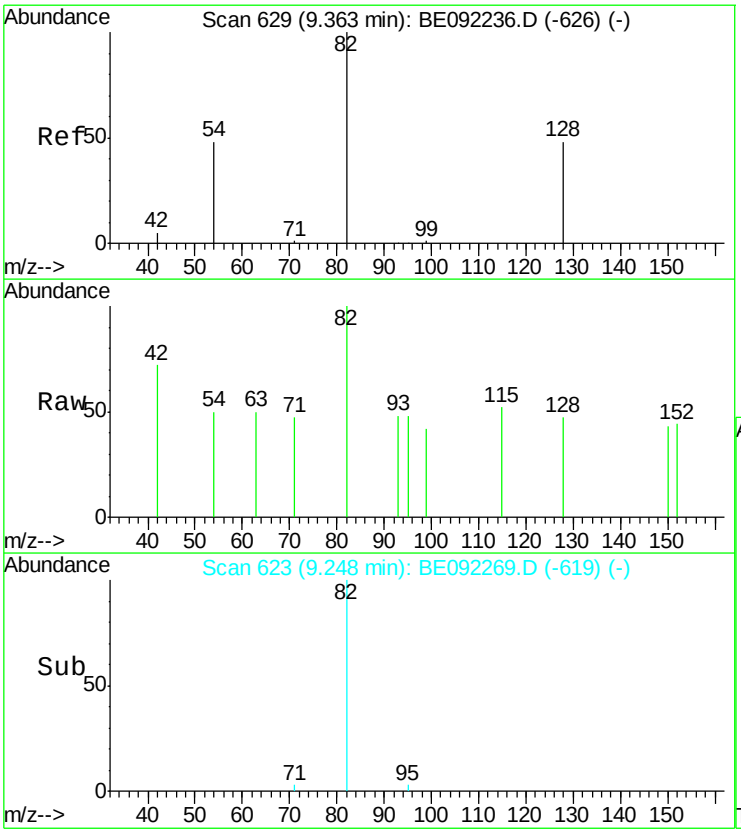
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.97 min Scan# 709
Delta R.T. -0.00 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 54452

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.7	6.2	9.4
68	5.6	4.6	6.8

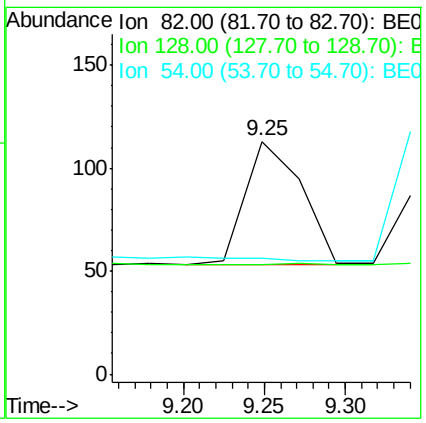


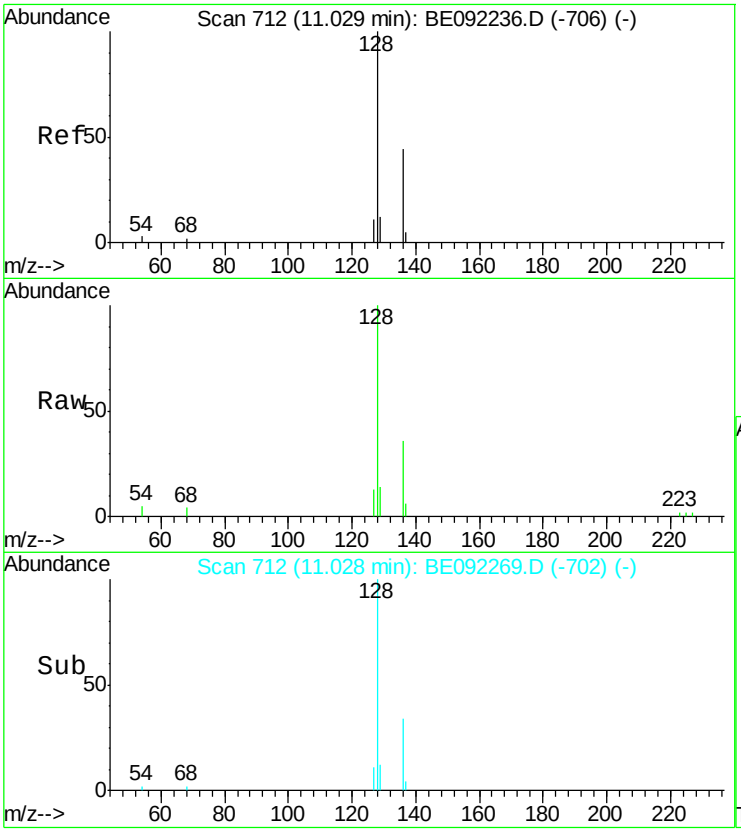


#8
Nitrobenzene-d5
Concen: 0.04 ng
RT: 9.25 min Scan# 623
Delta R.T. -0.12 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Tgt Ion: 82 Resp: 145

Ion	Ratio	Lower	Upper
82	100		
128	46.9	45.0	67.4
54	49.6	45.4	68.2



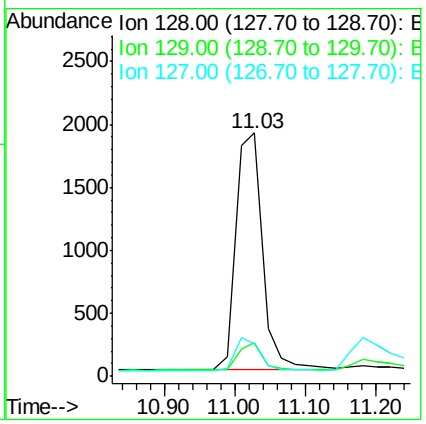


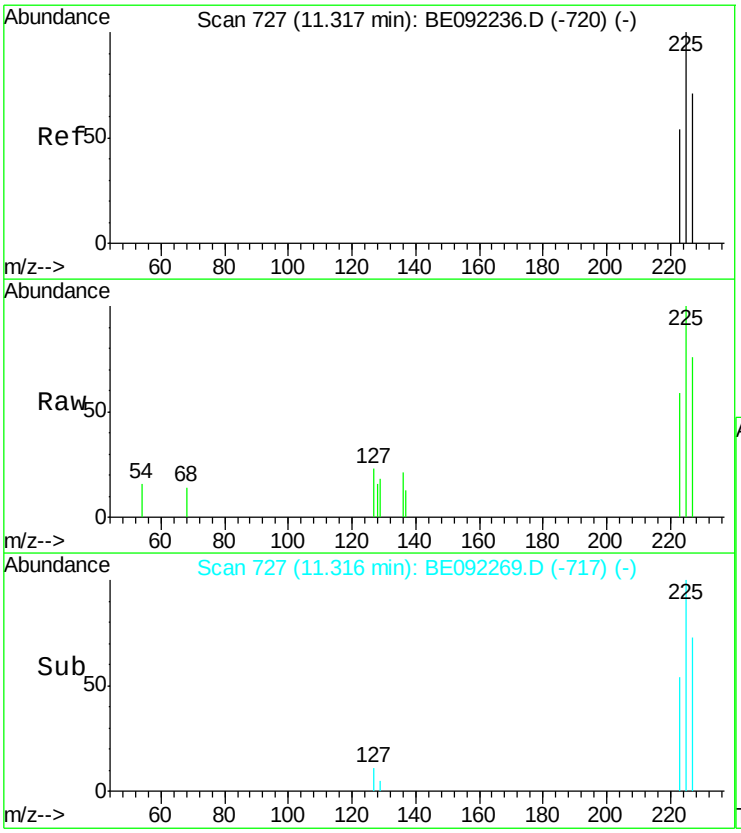
#9
Naphthalene
Concen: 0.41 ng
RT: 11.03 min Scan# 712
Delta R.T. -0.00 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 4980

Ion	Ratio	Lower	Upper
128	100		
129	14.1	11.5	17.3
127	13.4	11.0	16.6

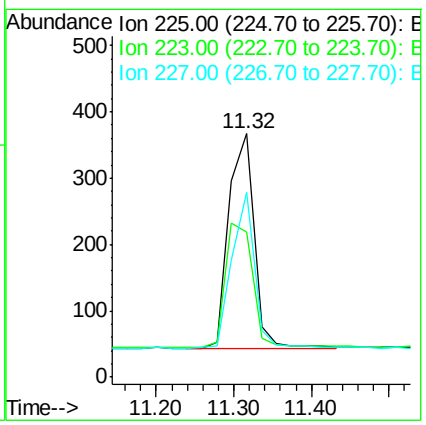


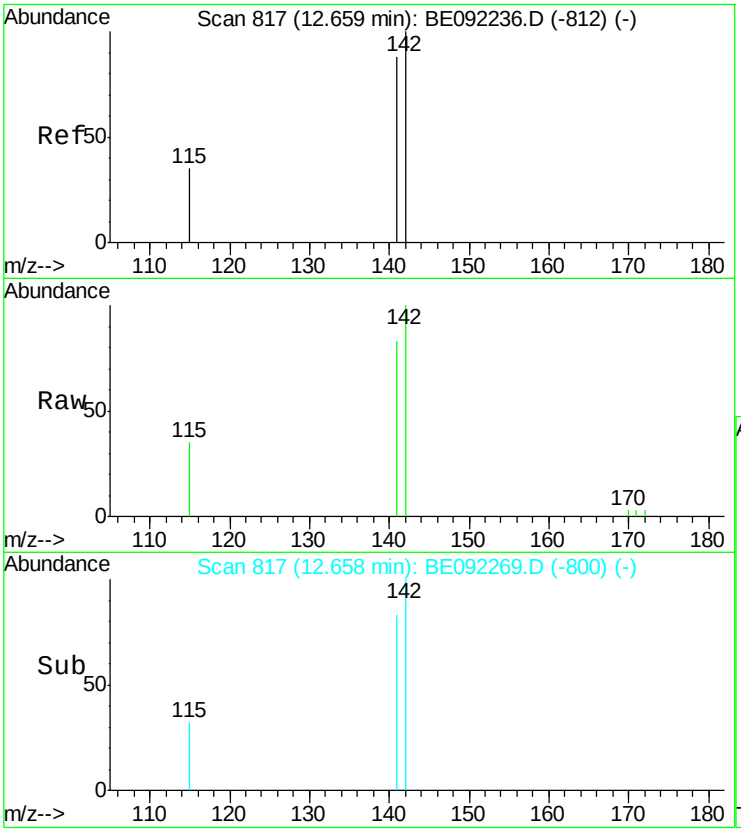


#10
Hexachlorobutadiene
Concen: 0.41 ng
RT: 11.32 min Scan# 727
Delta R.T. -0.00 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Tgt Ion:225 Resp: 726

Ion	Ratio	Lower	Upper
225	100		
223	62.1	52.2	78.4
227	64.7	51.0	76.6



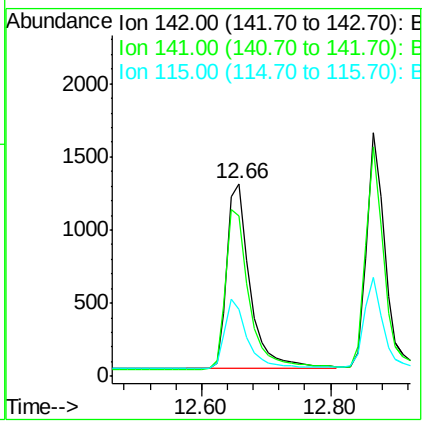


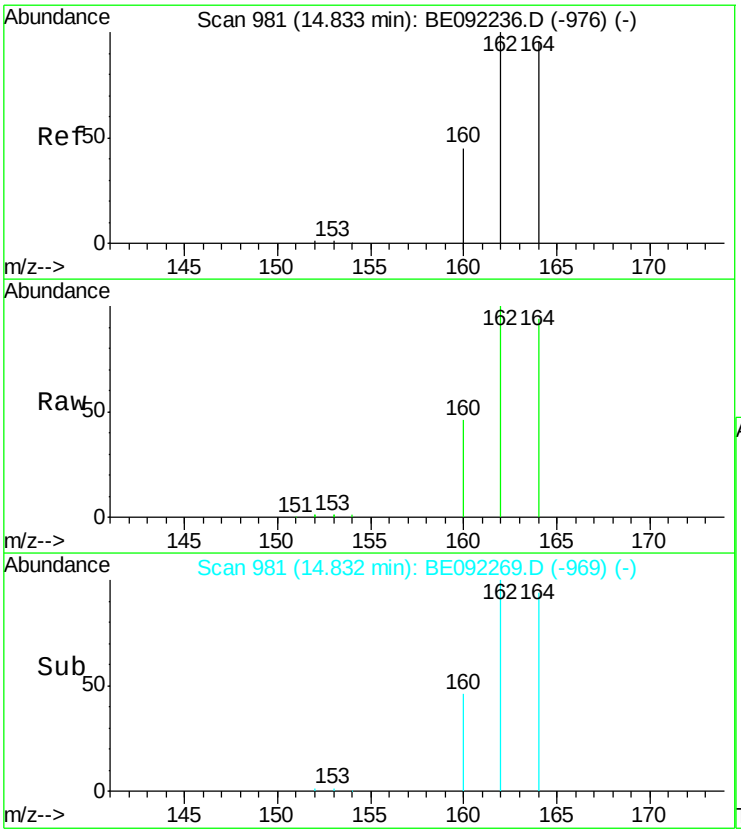
#11
2-Methylnaphthalene
Concen: 0.42 ng
RT: 12.66 min Scan# 817
Delta R.T. -0.00 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:142 Resp: 3173

Ion	Ratio	Lower	Upper
142	100		
141	83.4	70.6	105.8
115	35.0	31.0	46.4

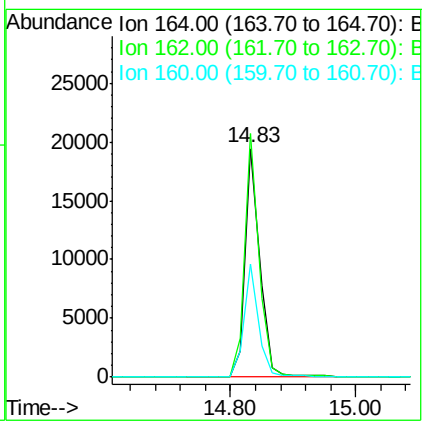


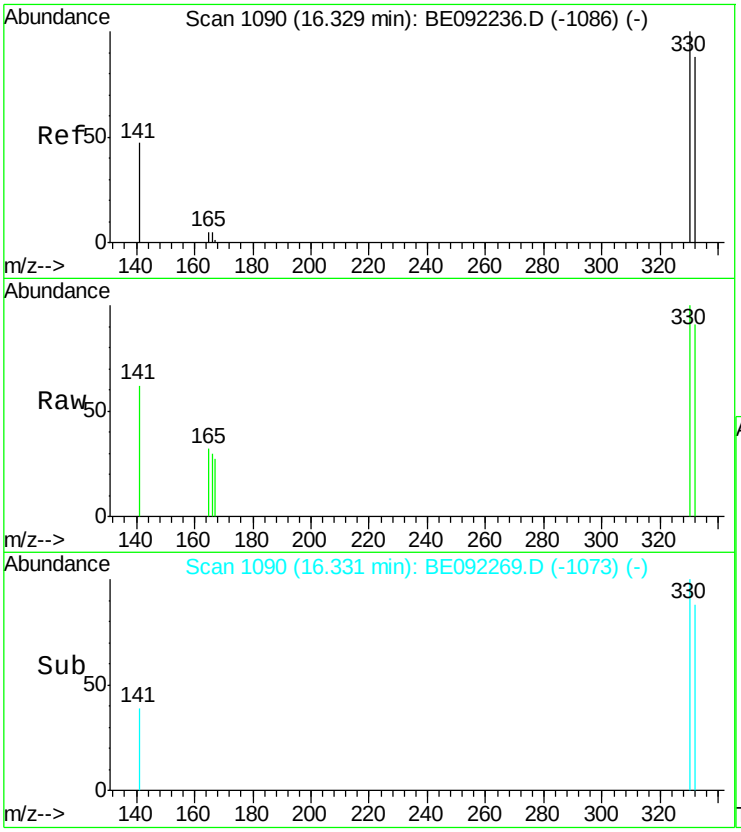


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 981
Delta R.T. -0.00 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Tgt Ion:164 Resp: 31275

Ion	Ratio	Lower	Upper
164	100		
162	106.6	83.3	124.9
160	49.5	38.0	57.0



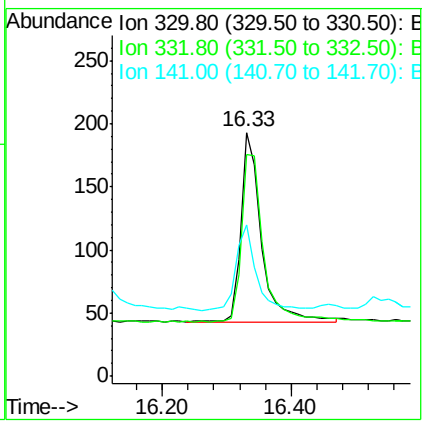


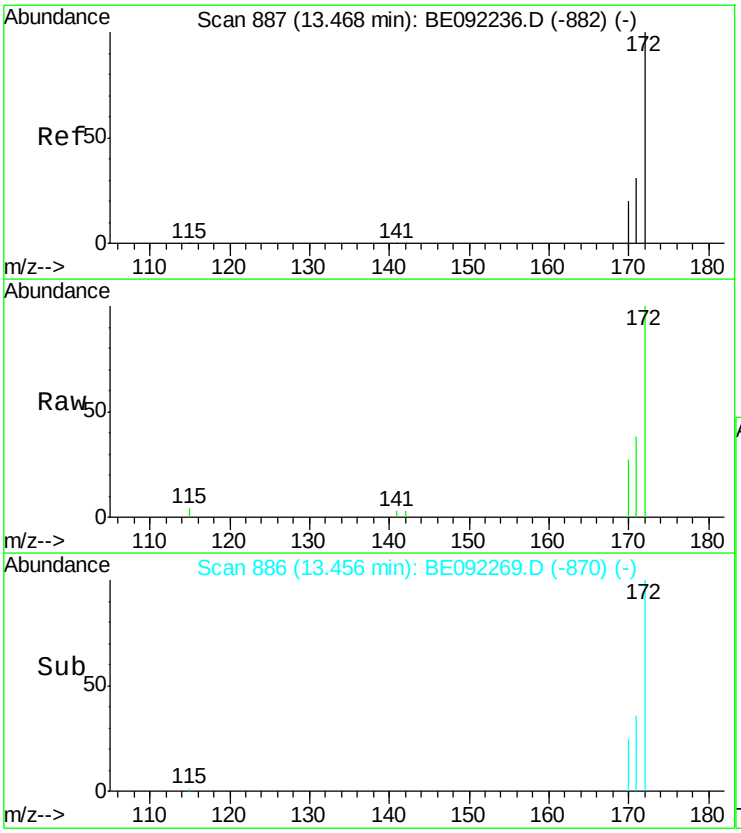
#13
2,4,6-Tribromophenol
Concen: 0.50 ng
RT: 16.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:330 Resp: 329

Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.4	113.0
141	43.8	37.7	56.5

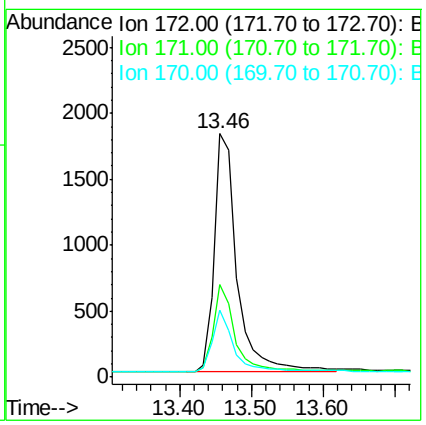


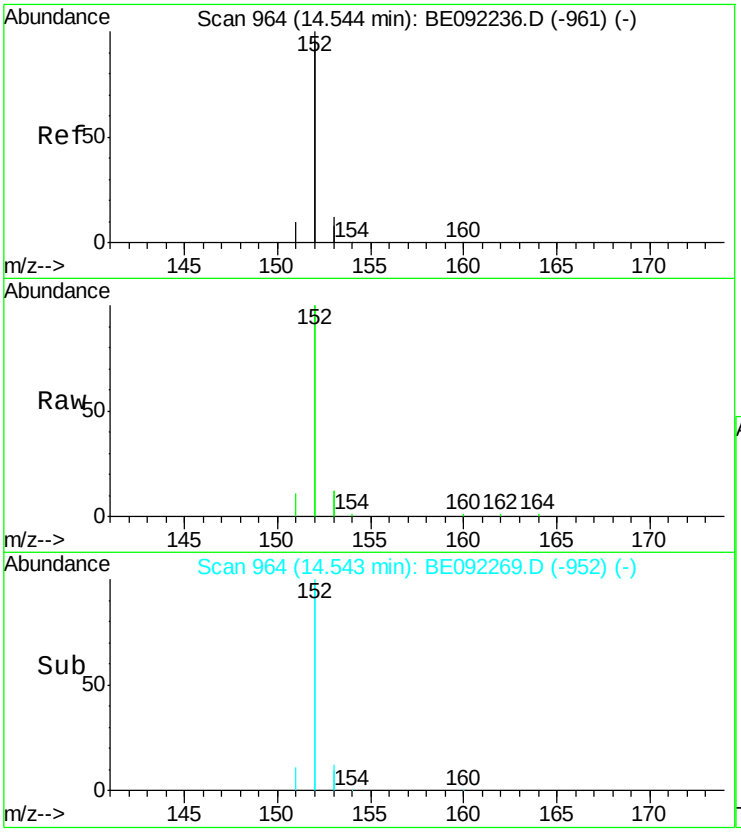


#14
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 13.46 min Scan# 886
Delta R.T. -0.01 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Tgt Ion:172 Resp: 3952

Ion	Ratio	Lower	Upper
172	100		
171	38.0	26.8	40.2
170	27.3	17.8	26.6#



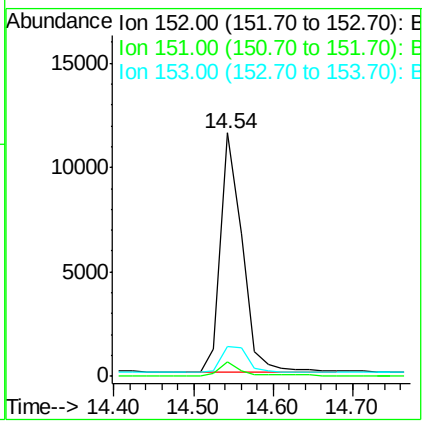


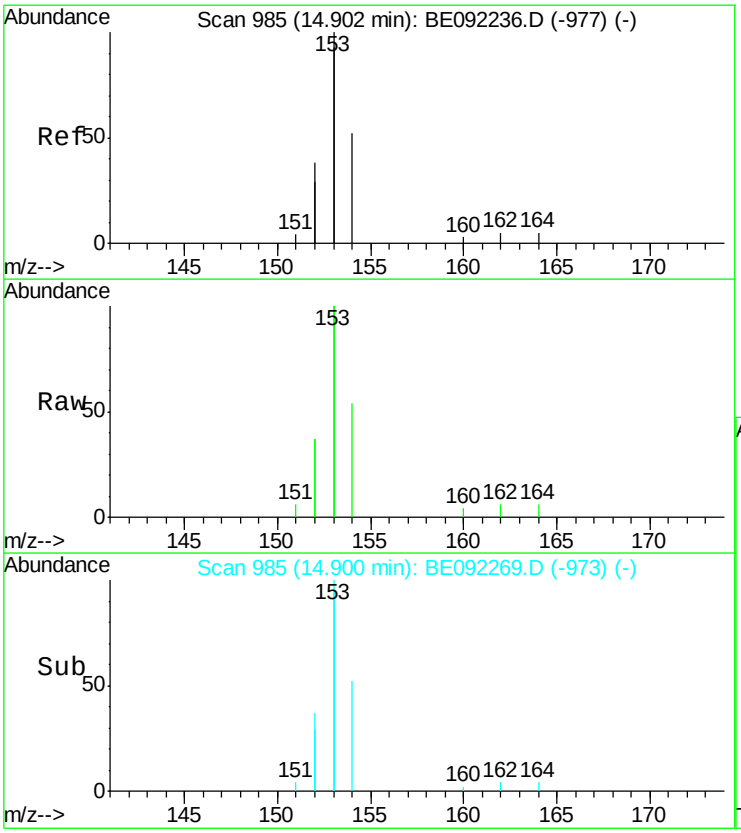
#15
Acenaphthylene
Concen: 0.40 ng
RT: 14.54 min Scan# 964
Delta R.T. -0.00 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 21589

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.8	5.8
153	13.2	10.2	15.2

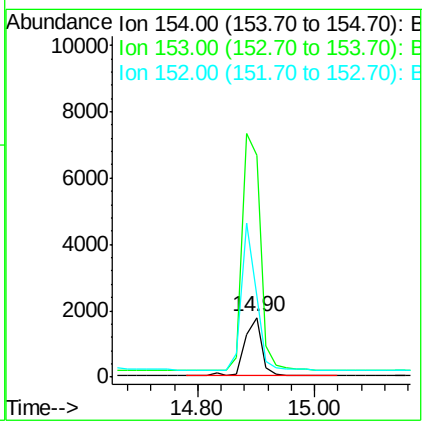


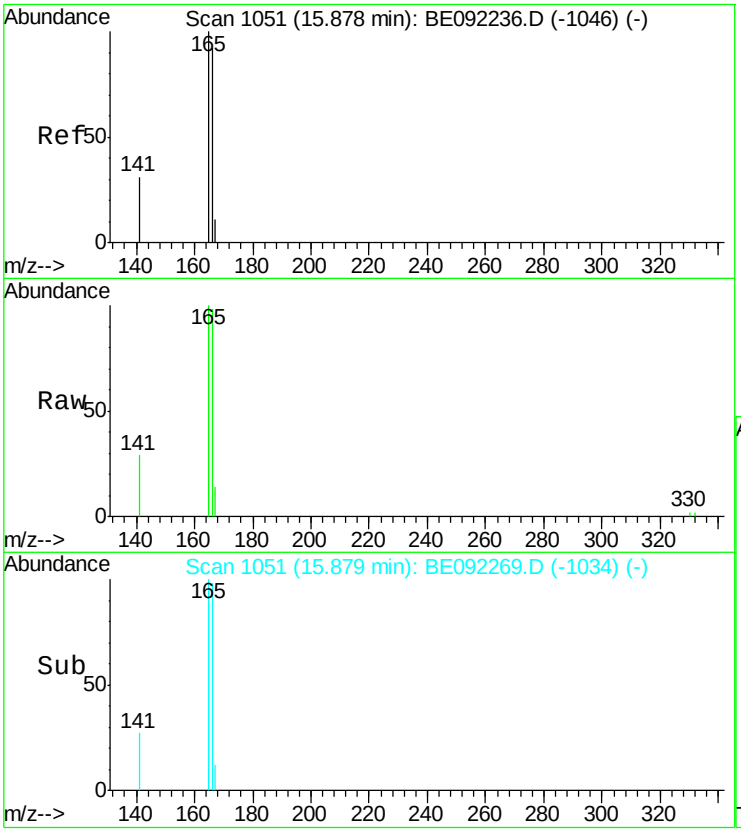


#16
Acenaphthene
Concen: 0.41 ng
RT: 14.90 min Scan# 985
Delta R.T. -0.00 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Tgt Ion:154 Resp: 3554

Ion	Ratio	Lower	Upper
154	100		
153	438.8	355.0	532.4
152	217.4	179.7	269.5



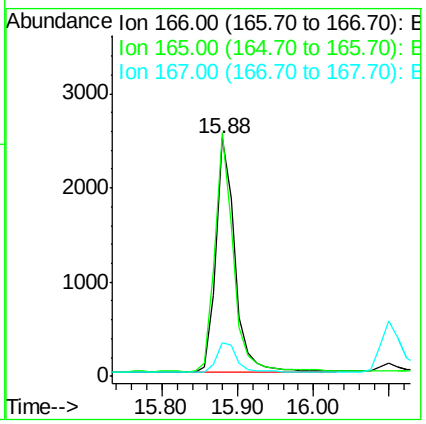


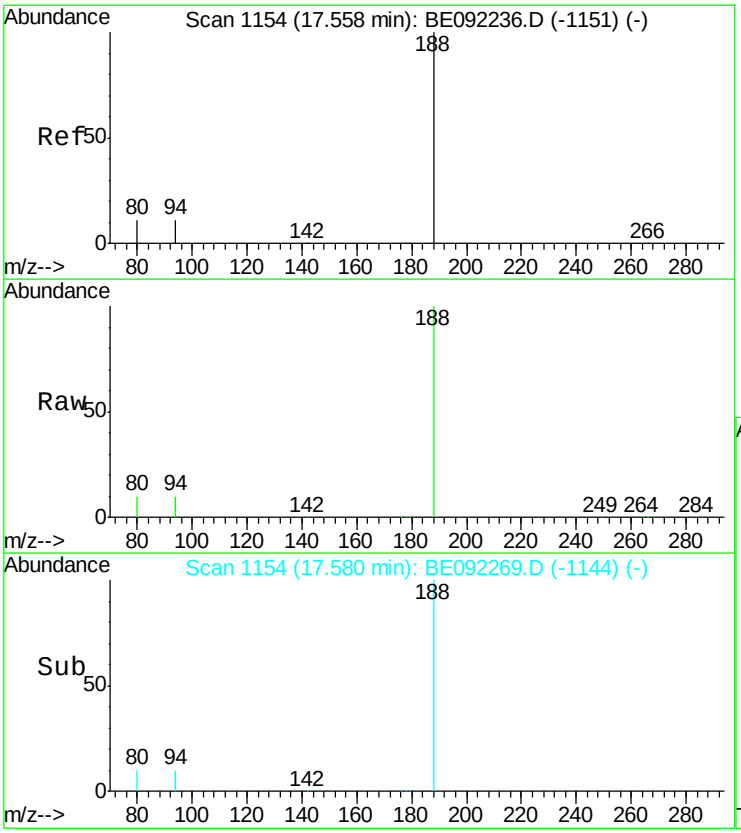
#17
Fluorene
Concen: 0.41 ng
RT: 15.88 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:166 Resp: 4342

Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.1	120.1
167	13.4	10.6	16.0

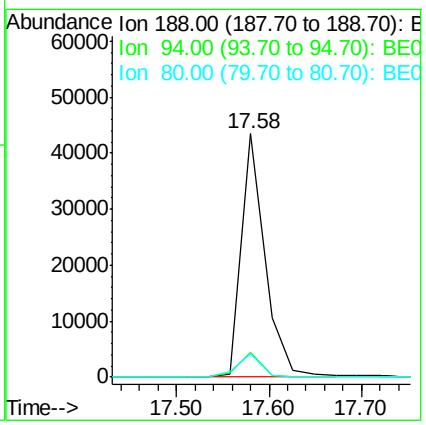


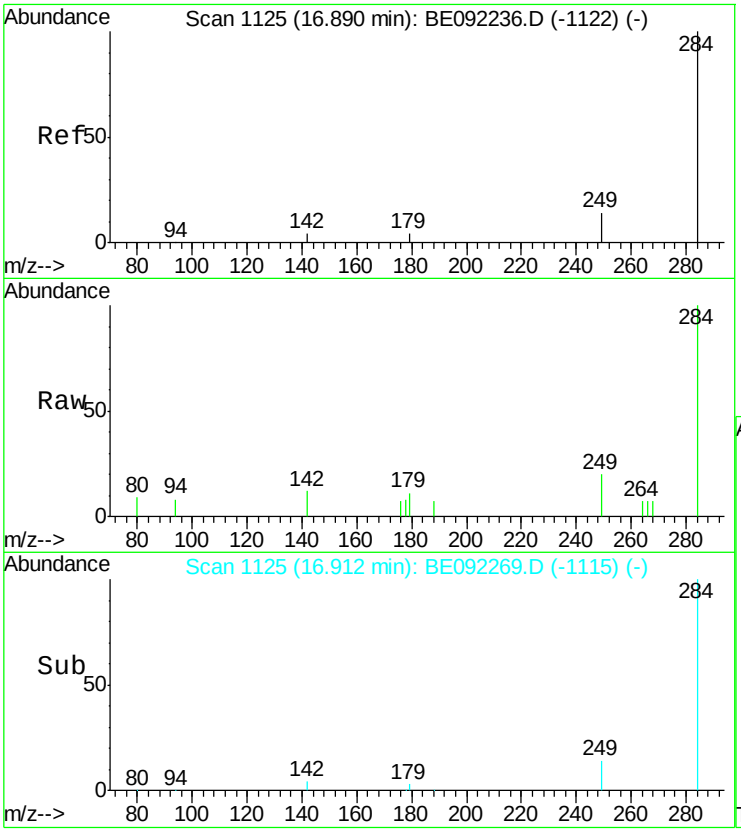


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.02 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Tgt Ion:188 Resp: 77738

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.2	13.8
80	9.7	9.1	13.7



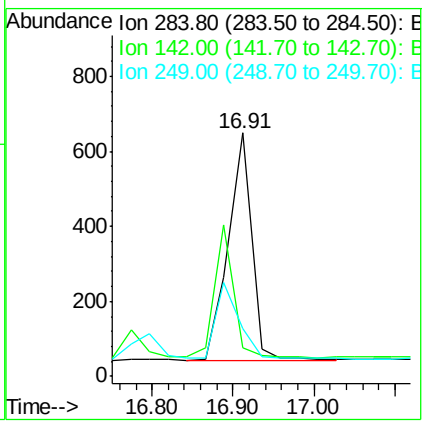


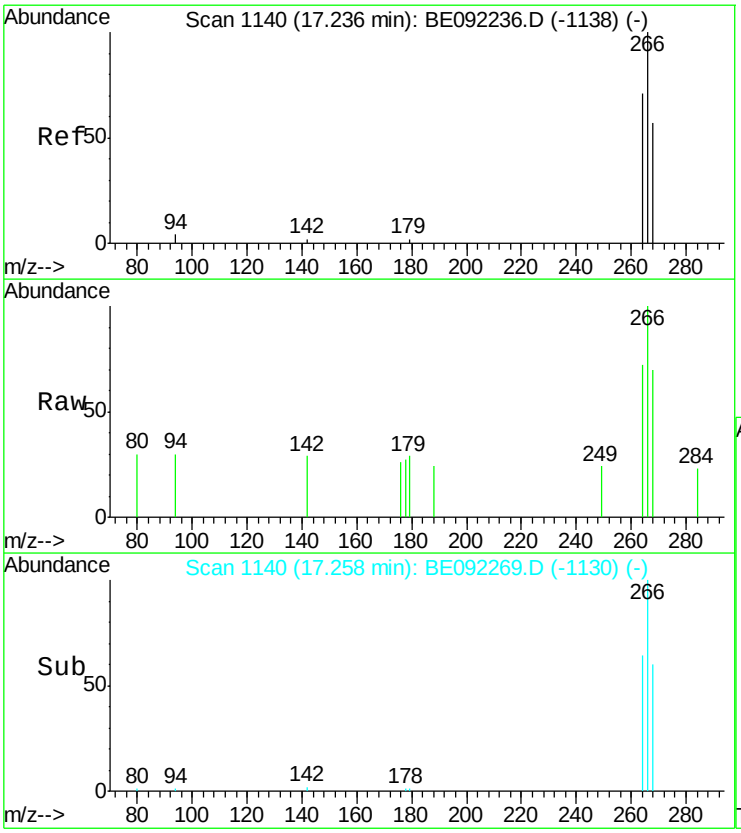
#19
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.91 min Scan# 1125
Delta R.T. 0.02 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 1204

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0

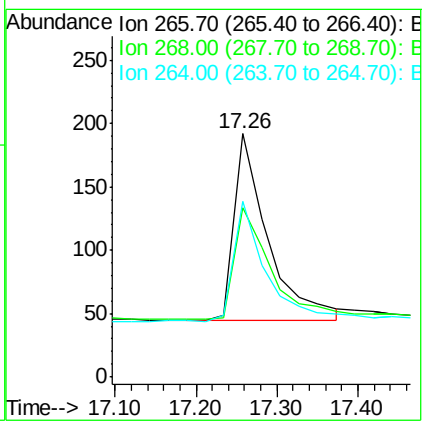


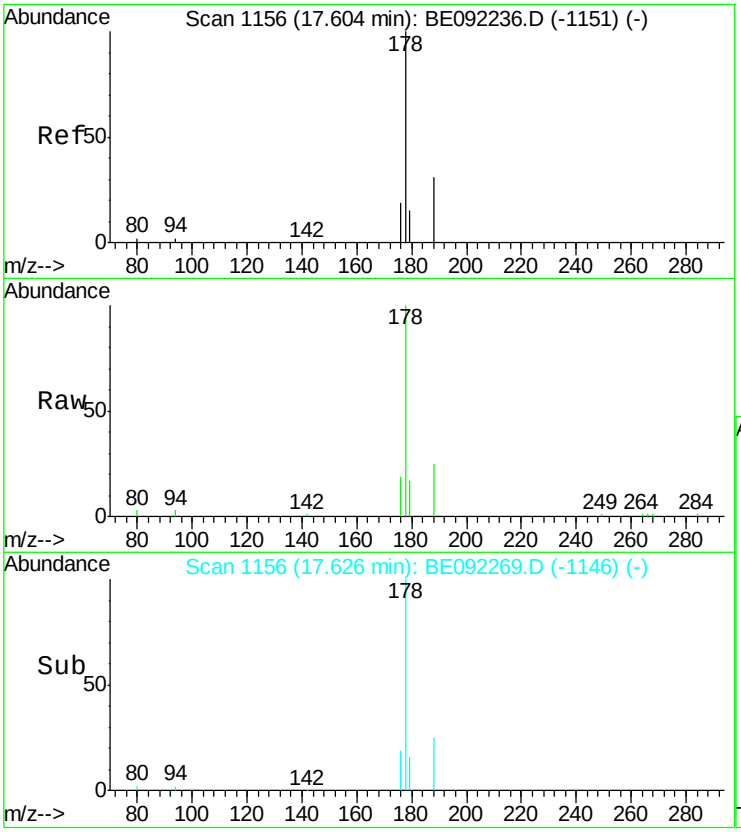


#20
Pentachlorophenol
Concen: 0.59 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.02 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Tgt Ion:266 Resp: 419

Ion	Ratio	Lower	Upper
266	100		
268	69.8	62.3	93.5
264	72.4	67.4	101.0



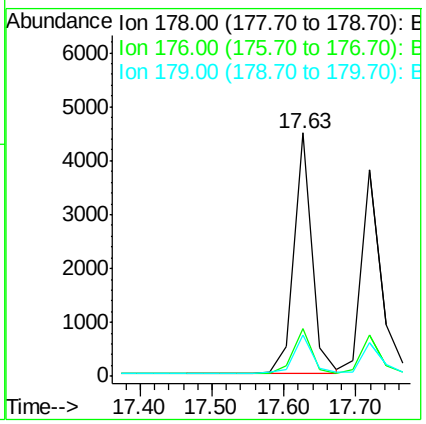


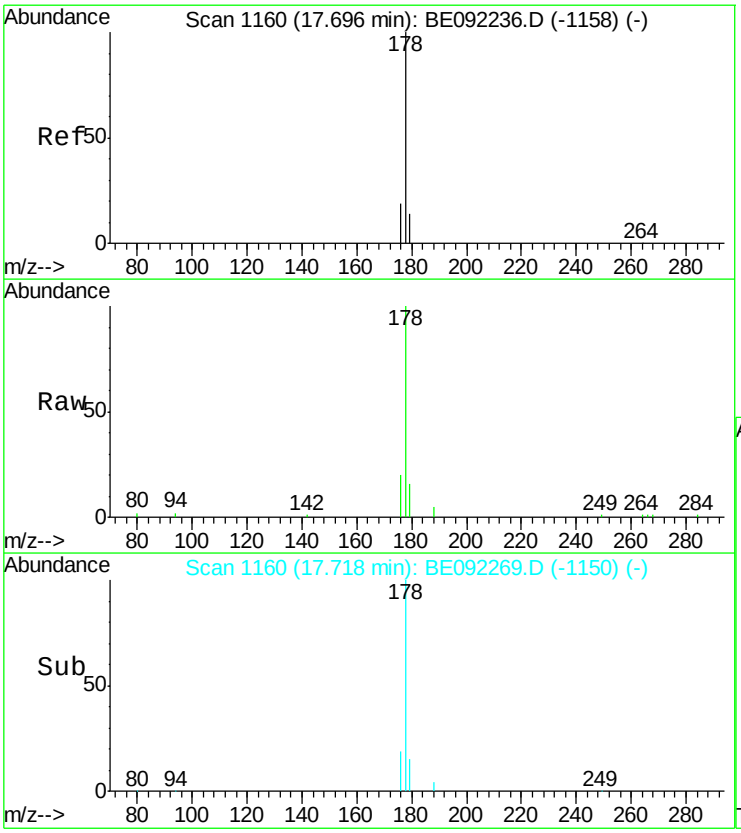
#21
Phenanthrene
Concen: 0.38 ng
RT: 17.63 min Scan# 1156
Delta R.T. 0.02 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 7660

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	16.3	12.9	19.3

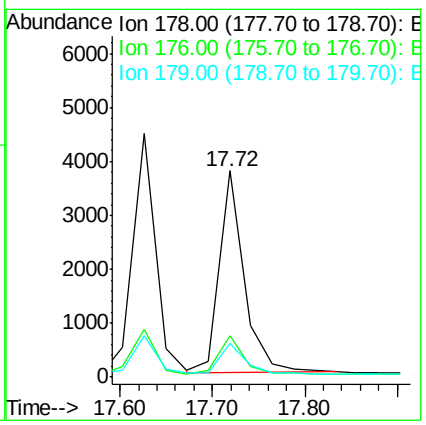


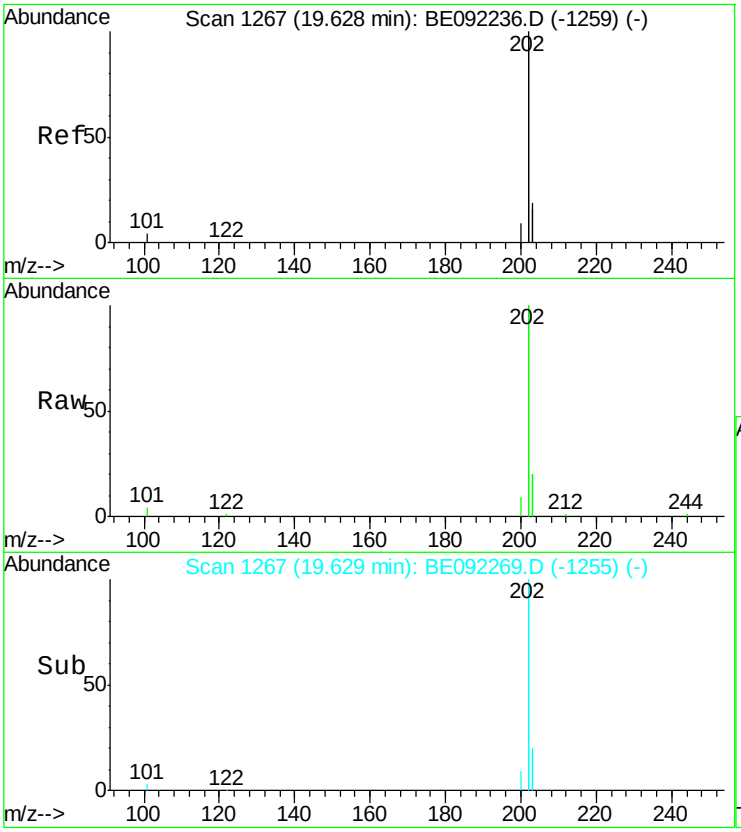


#22
Anthracene
Concen: 0.39 ng
RT: 17.72 min Scan# 1160
Delta R.T. 0.02 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Tgt Ion:178 Resp: 7048

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.1	12.0	18.0



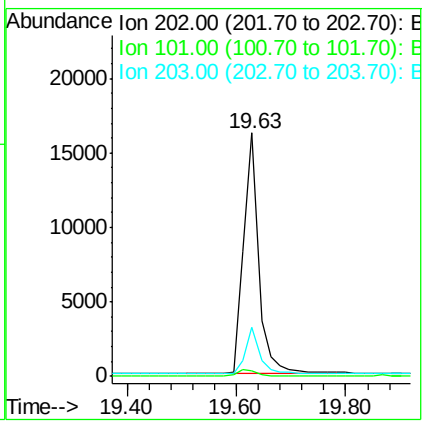


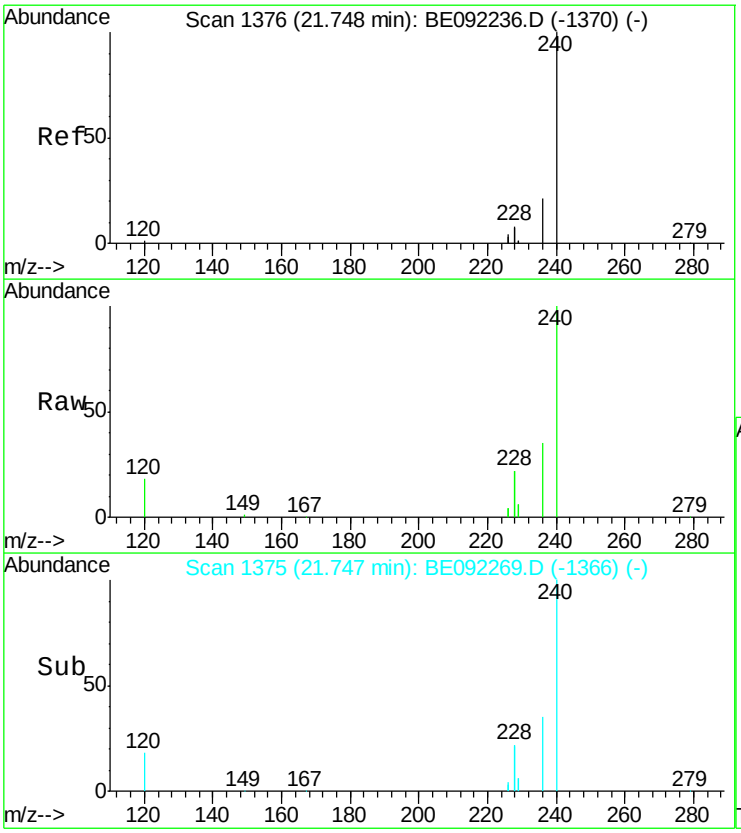
#23
Fluoranthene
Concen: 0.39 ng
RT: 19.63 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 31268

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.5	13.7	20.5

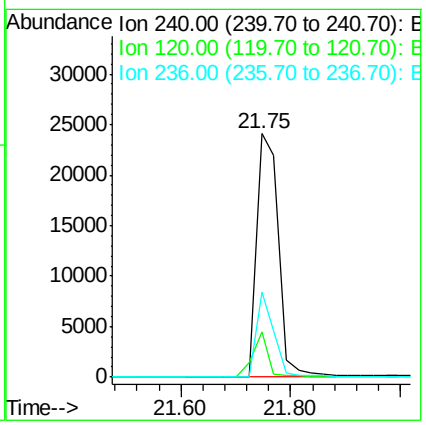


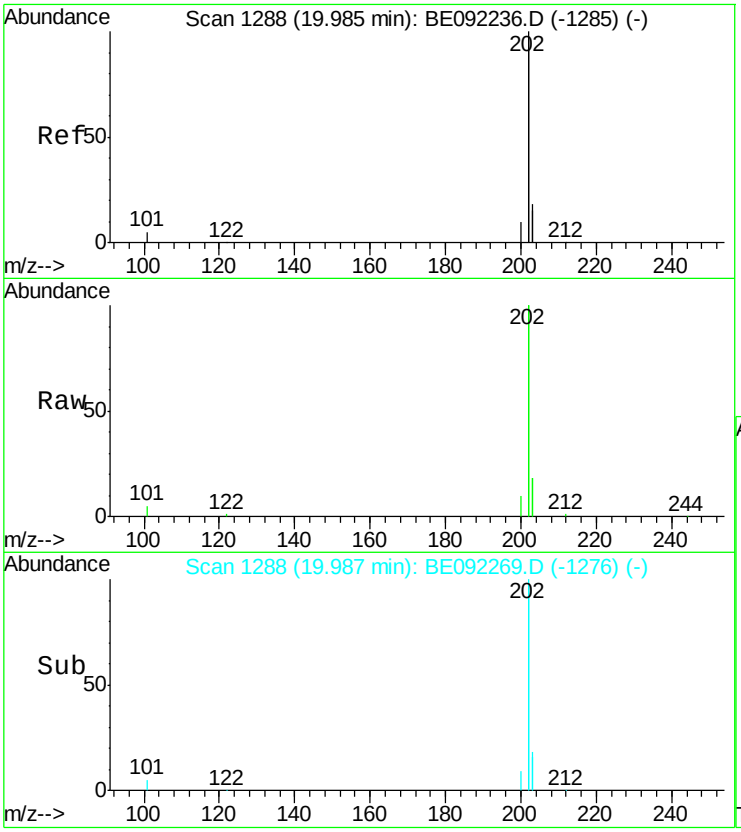


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Tgt Ion:240 Resp: 66776

Ion	Ratio	Lower	Upper
240	100		
120	18.3	1.2	1.8#
236	34.9	17.1	25.7#



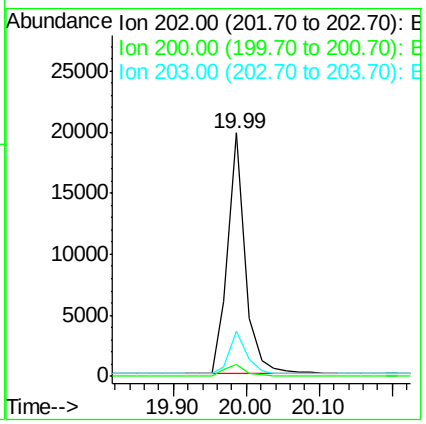


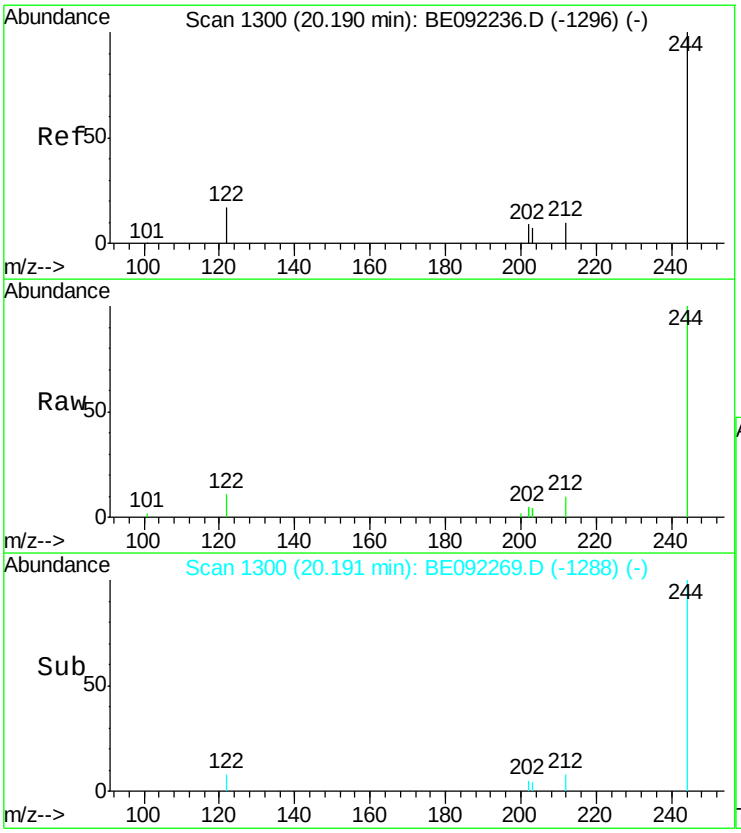
#25
Pyrene
Concen: 0.42 ng
RT: 19.99 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 32980

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.5	14.0	21.0

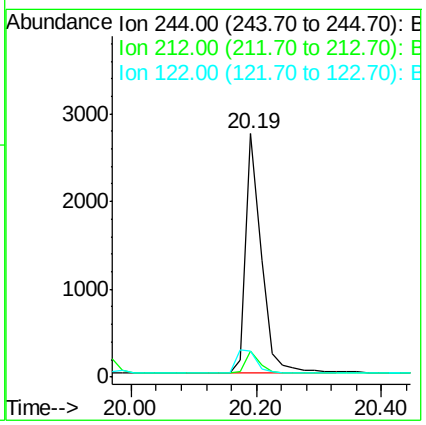


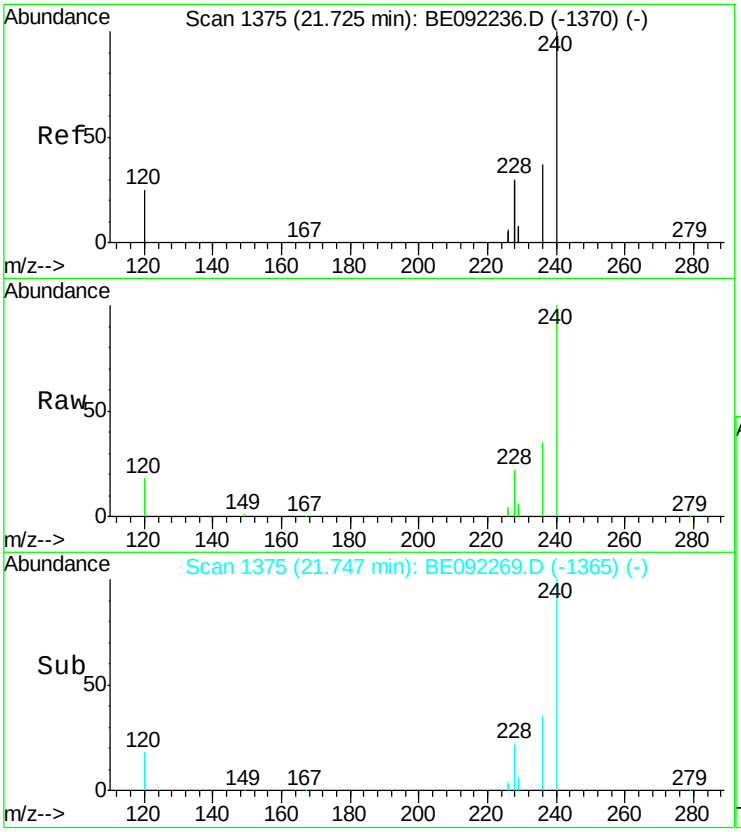


#26
Terphenyl-d14
Concen: 0.42 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Tgt Ion:244 Resp: 4765

Ion	Ratio	Lower	Upper
244	100		
212	10.5	10.2	15.2
122	10.8	15.9	23.9#



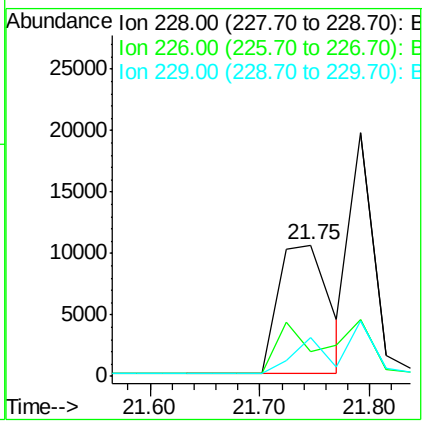


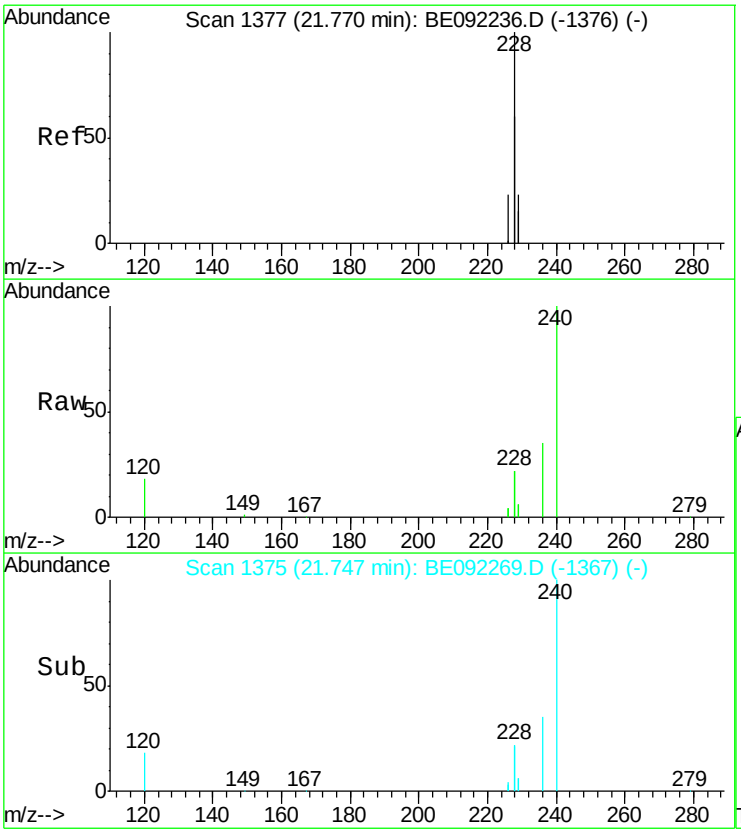
#27
Benzo(a)anthracene
Concen: 0.43 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.02 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 34101

Ion	Ratio	Lower	Upper
228	100		
226	18.5	15.9	23.9
229	29.1	22.4	33.6

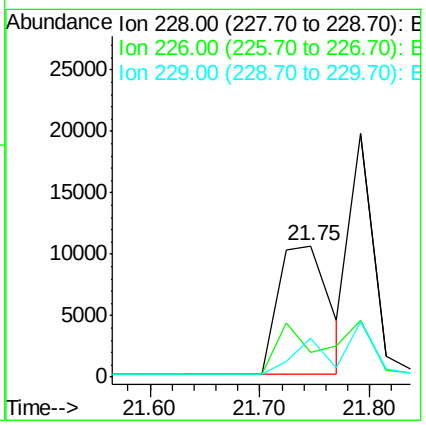


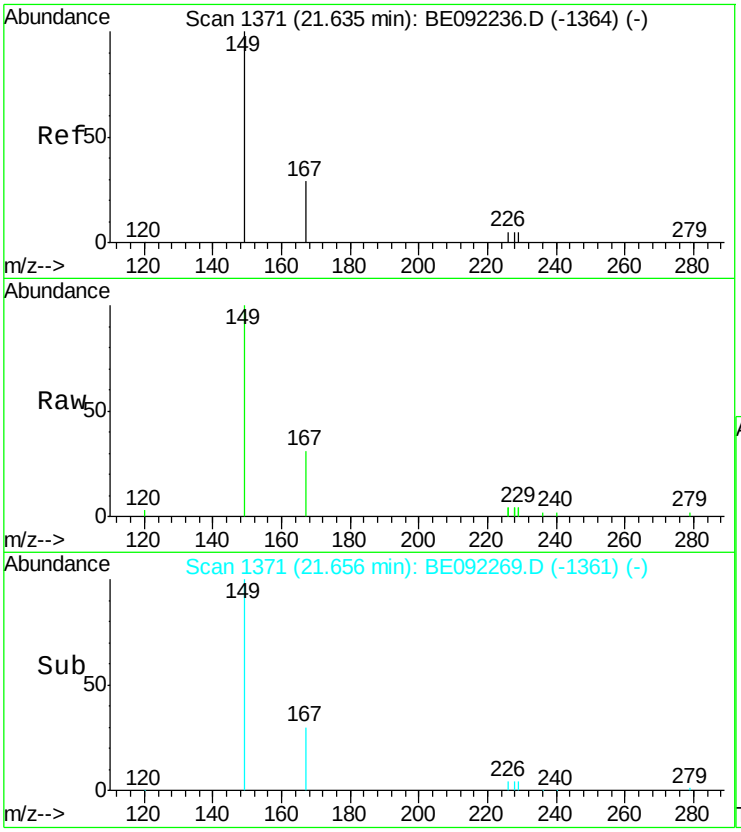


#28
Chrysene
Concen: 0.46 ng
RT: 21.75 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Tgt Ion:228 Resp: 34101

Ion	Ratio	Lower	Upper
228	100		
226	18.5	18.3	27.5
229	29.1	18.6	27.8#



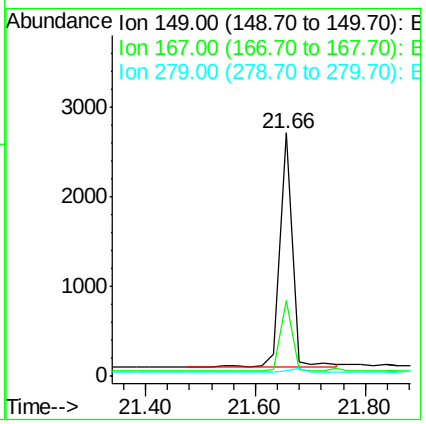


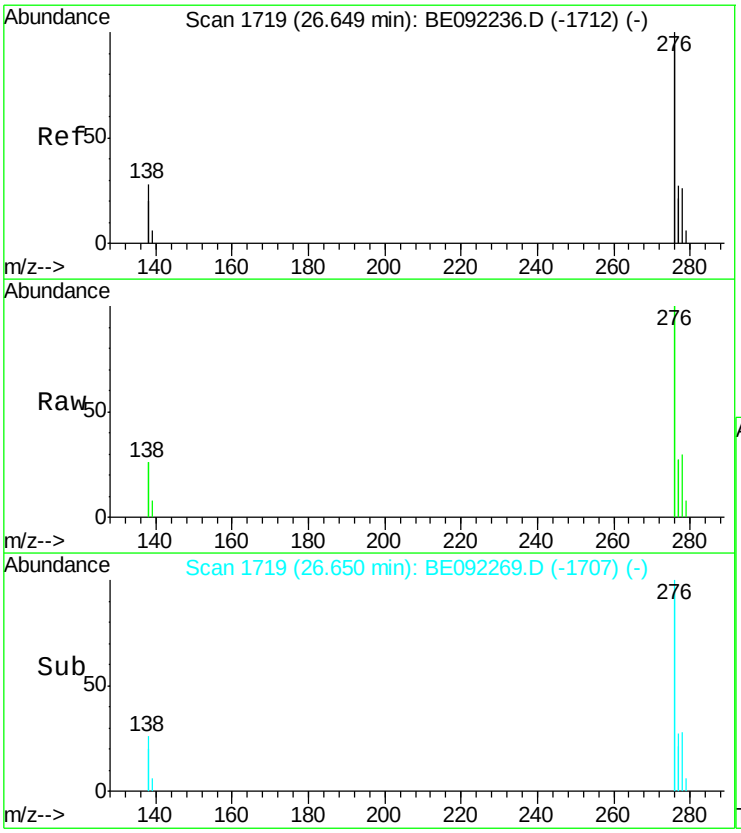
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.52 ng
RT: 21.66 min Scan# 1371
Delta R.T. 0.02 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 3987

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.1	33.1
279	0.0	0.0	0.0

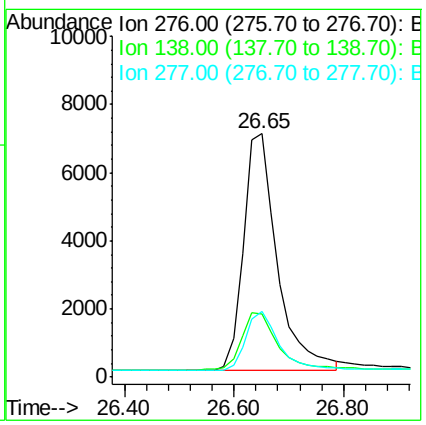


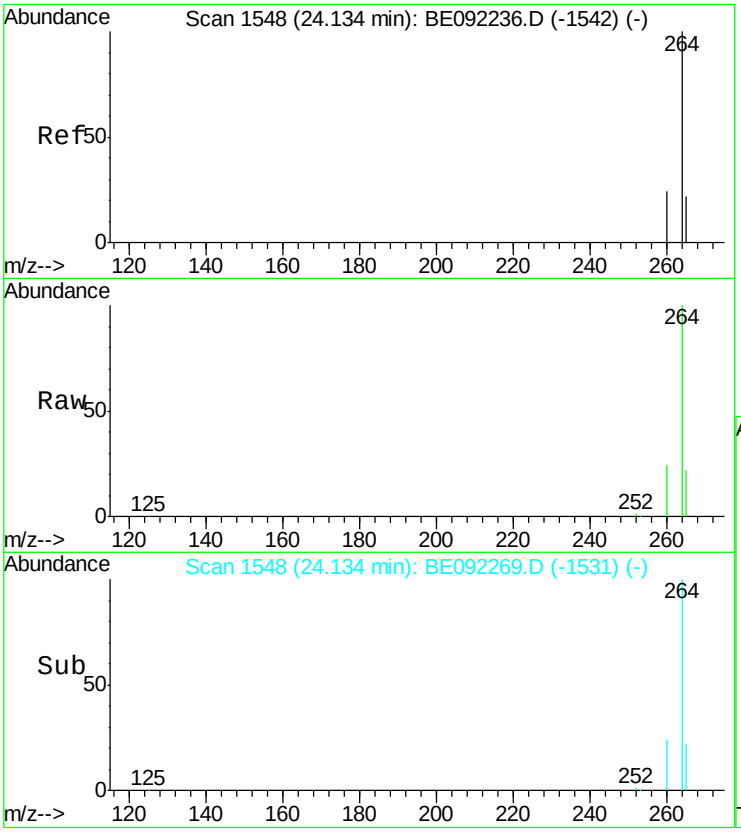


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng
RT: 26.65 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Tgt Ion:276 Resp: 29892

Ion	Ratio	Lower	Upper
276	100		
138	25.8	21.3	31.9
277	24.4	19.7	29.5



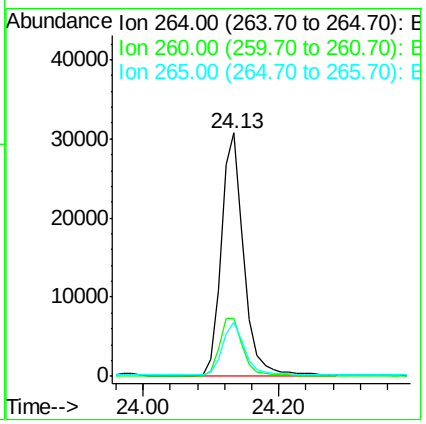


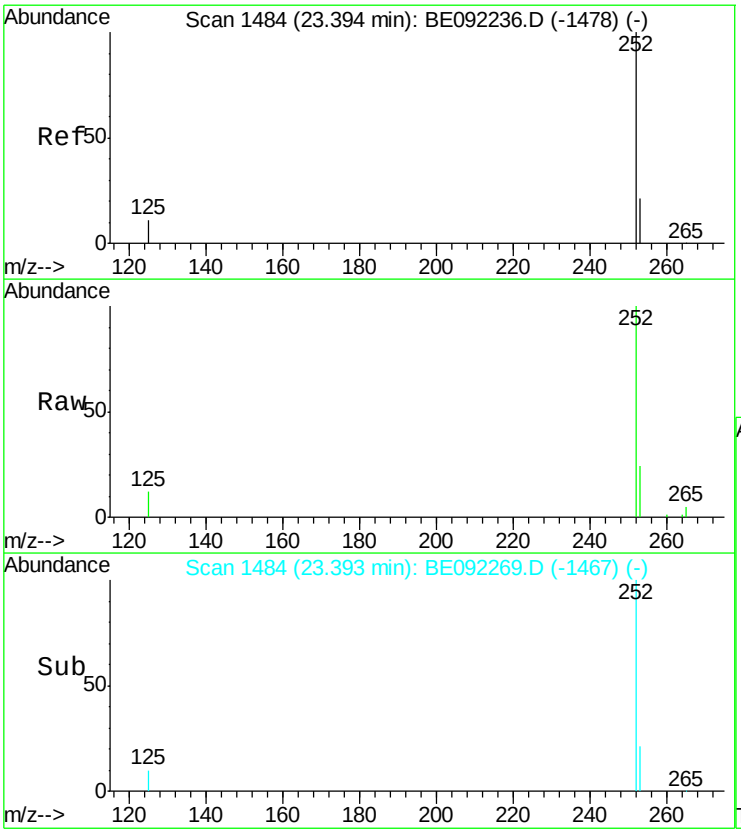
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.13 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 71481

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.4	18.2	27.4

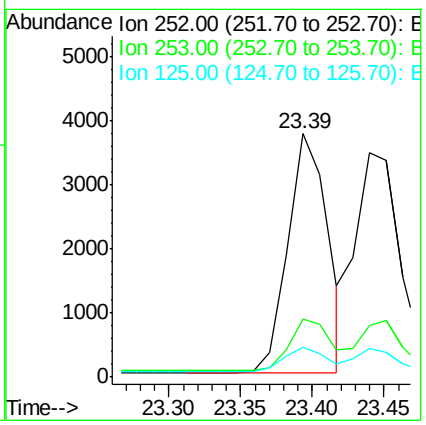


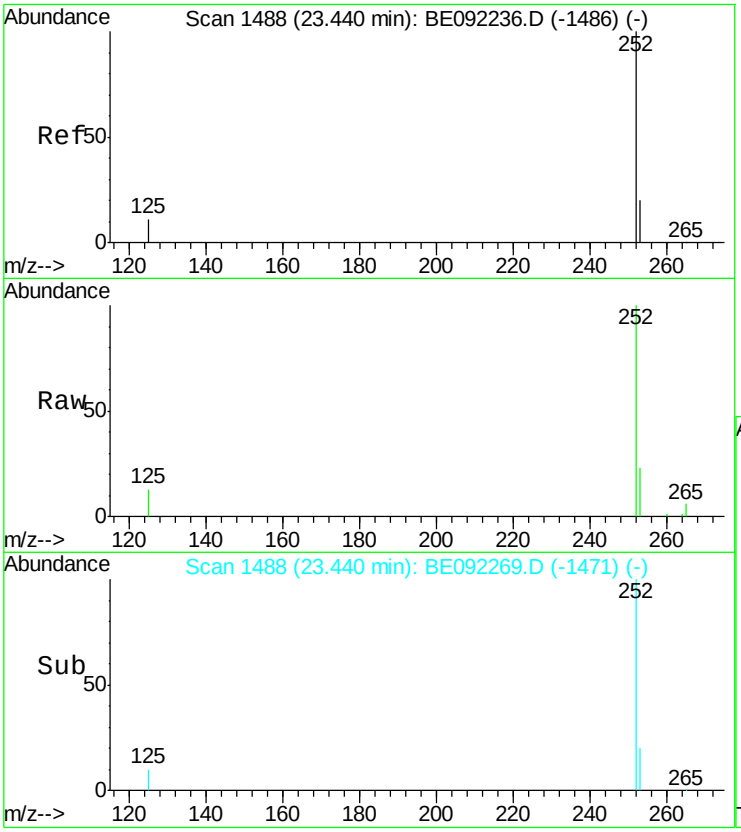


#32
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 23.39 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Tgt Ion:252 Resp: 7200

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.0	28.4
125	12.5	10.3	15.5



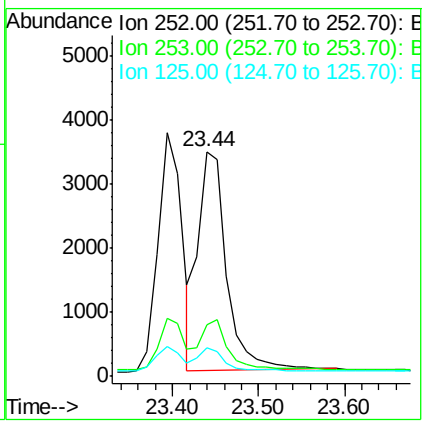


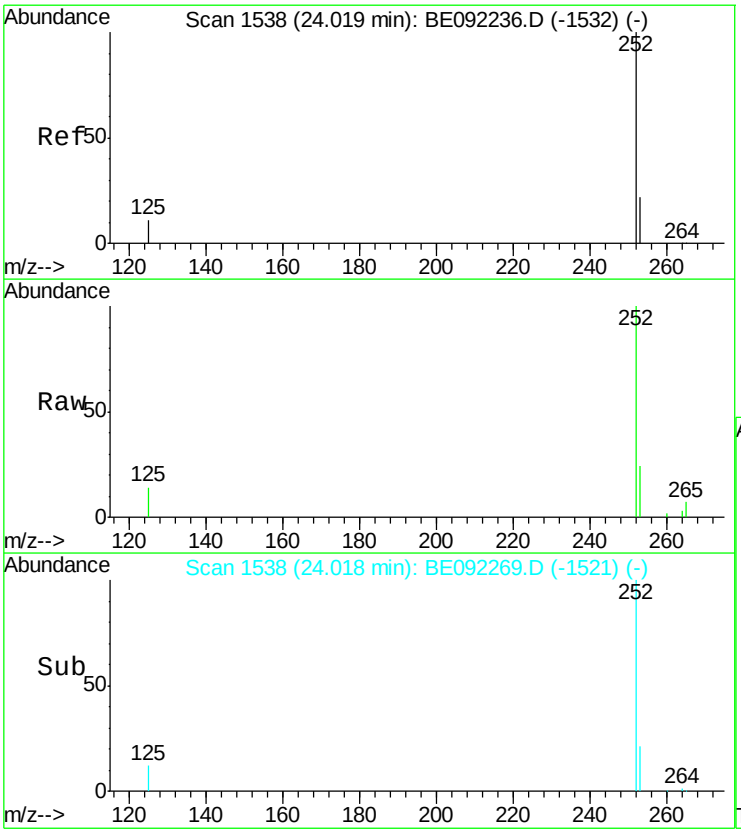
#33
Benzo(k)fluoranthene
Concen: 0.41 ng
RT: 23.44 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 7851

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.0	28.6
125	12.7	10.6	15.8

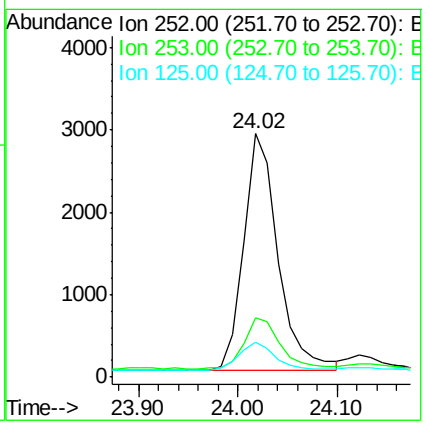


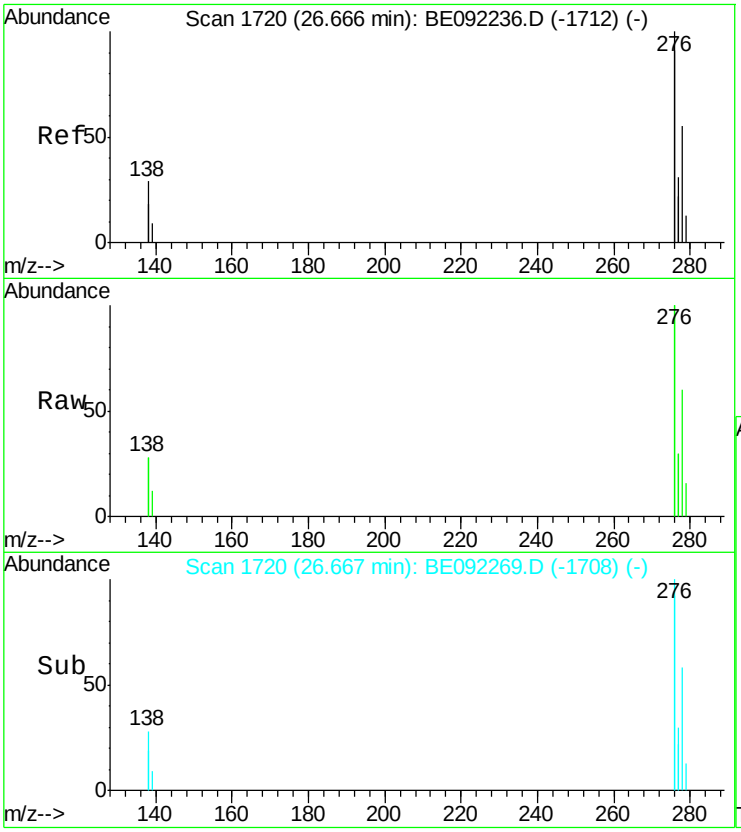


#34
Benzo(a)pyrene
Concen: 0.39 ng
RT: 24.02 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Tgt Ion:252 Resp: 6894

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.3	30.5
125	14.3	11.8	17.6



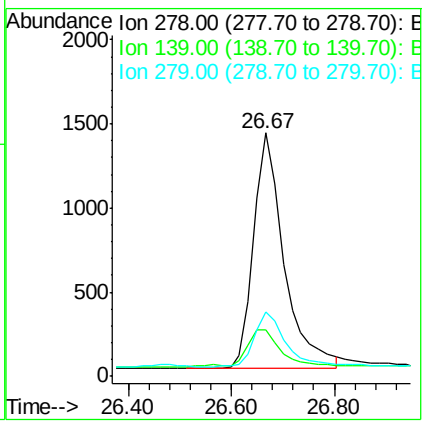


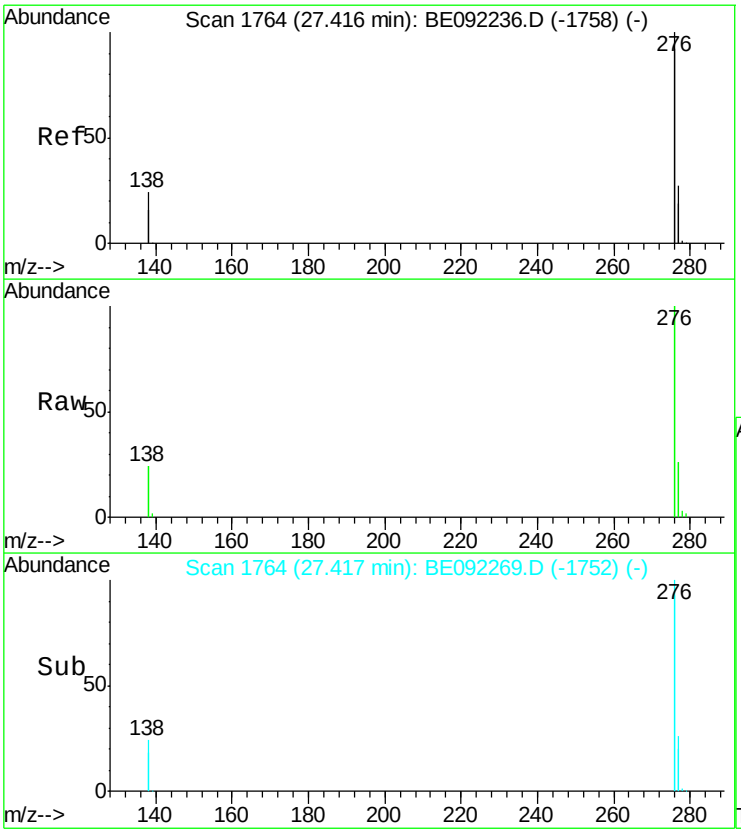
#35
Dibenzo(a,h)anthracene
Concen: 0.35 ng
RT: 26.67 min Scan# 1720
Delta R.T. 0.00 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 5698

Ion	Ratio	Lower	Upper
278	100		
139	19.2	16.2	24.2
279	26.7	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.38 ng
RT: 27.42 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BE092269.D
Acq: 19 Aug 2016 14:11

Tgt Ion:276 Resp: 27149

Ion	Ratio	Lower	Upper
276	100		
277	26.0	21.4	32.2
138	24.5	19.4	29.2