Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091815\
Data File : BE090892.D
Acq On : 19 Sep 2015 2:25
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001

Quant Time: Sep 19 03:46:21 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 18:17:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	28083	5.00	ng		0.00
7) Naphthalene-d8	10.30	136	122528	5.00	ng		0.00
13) Acenaphthene-d10	14.16	164	64431	5.00	ng		0.00
19) Phenanthrene-d10	16.91	188	160279	5.00	ng		0.00
26) Chrysene-d12	21.07	240	220457	5.00	ng		0.00
33) Perylene-d12	23.35	264	216376	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	5666	0.86	ng		0.00
5) Phenol-d6	6.75	99	7012	0.80	ng		0.00
8) Nitrobenzene-d5	8.70	82	7330	0.87	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	1746	0.77	ng		-0.02
15) 2-Fluorobiphenyl	12.79	172	16820	0.92	ng		0.00
28) Terphenyl-d14	19.53	244	23813	0.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	4066	0.97	ng		97
3) n-Nitrosodimethylamine	3.45	42	5004	0.91	ng	#	93
6) bis(2-Chloroethyl)ether	6.98	93	7104	0.88	ng		99
9) Nitrobenzene	8.74	77	8419	0.90	ng		97
10) Naphthalene	10.35	128	25319	0.97	ng		97
11) Hexachlorobutadiene	10.64	225	4039	1.04	ng		100
12) 2-Methylnaphthalene	11.98	142	14828	0.90	ng		98
16) Acenaphthylene	13.88	152	99976	0.89	ng		100
17) Acenaphthene	14.23	154	16194	0.94	ng		94
18) Fluorene	15.22	166	19974	0.94	ng		98
20) 4-Bromophenyl-phenylether	16.11	248	5436	0.88	ng		92
21) Hexachlorobenzene	16.23	284	26814	0.97	ng		98
22) Pentachlorophenol	16.60	266	1788	0.76	ng		98
23) Phenanthrene	16.94	178	36794	0.94	ng		99
24) Anthracene	17.05	178	31309	0.85	ng		99
25) Fluoranthene	18.96	202	42551	0.87	ng		99
27) Pyrene	19.32	202	44883	0.89	ng		100
29) Benzo(a)anthracene	21.05	228	49496	0.91	ng		99
30) Chrysene	21.10	228	55028	0.97	ng		99
31) Bis(2-ethylhexyl)phthalate	21.00	149	16709	0.81	ng		99
32) Indeno(1,2,3-cd)pyrene	25.72	276	55420	0.86	ng		99
34) Benzo(b)fluoranthene	22.66	252	45869	0.91	ng		100
35) Benzo(k)fluoranthene	22.71	252	52525	0.90	ng		99
36) Benzo(a)pyrene	23.25	252	42059	0.87	ng	#	91
37) Dibenzo(a,h)anthracene	25.74	278	43856	0.88	ng		98
38) Benzo(g,h,i)perylene	26.43	276	47772	0.89	ng		97

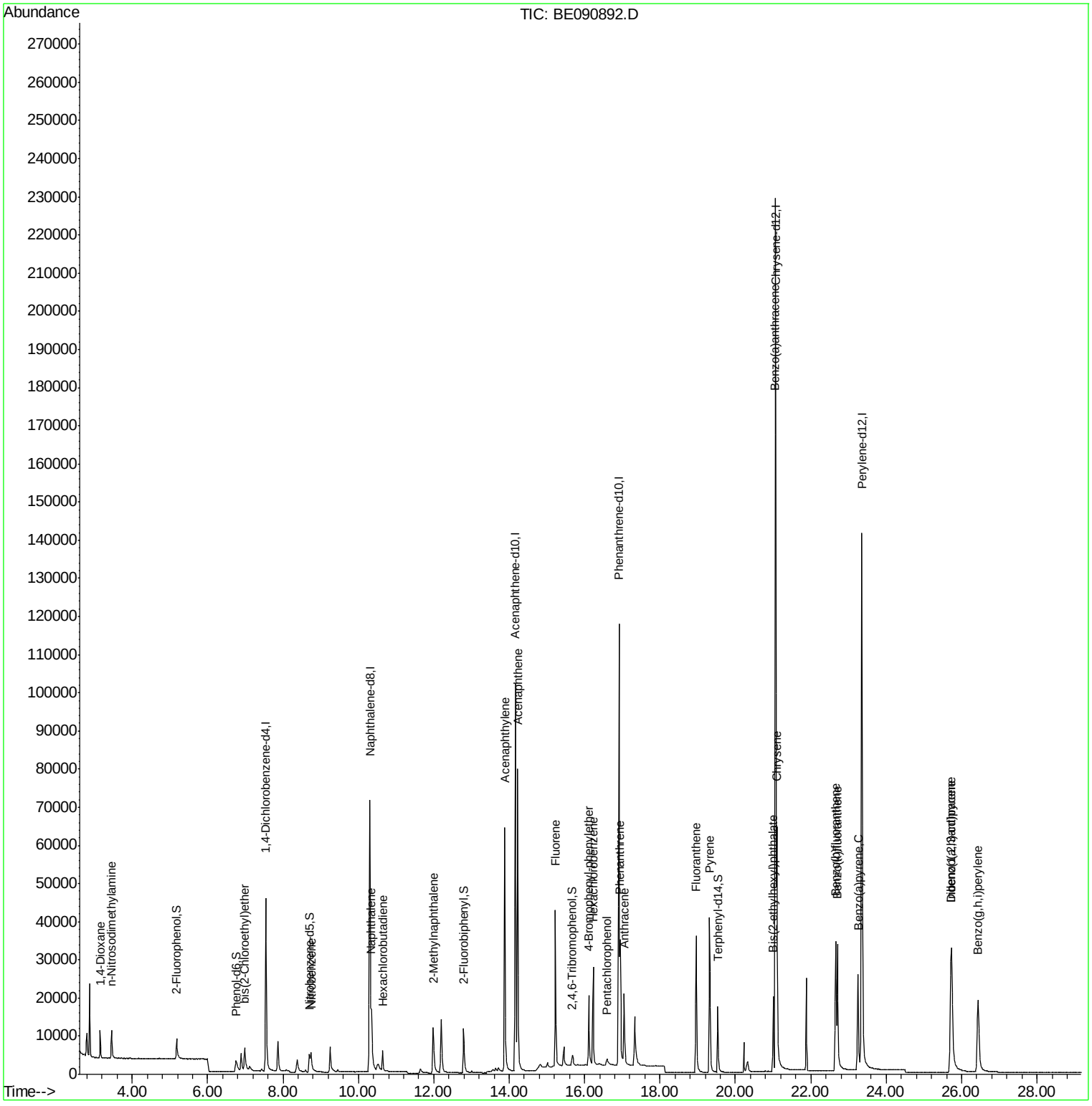
(#) = qualifier out of range (m) = manual integration (+) = signals summed

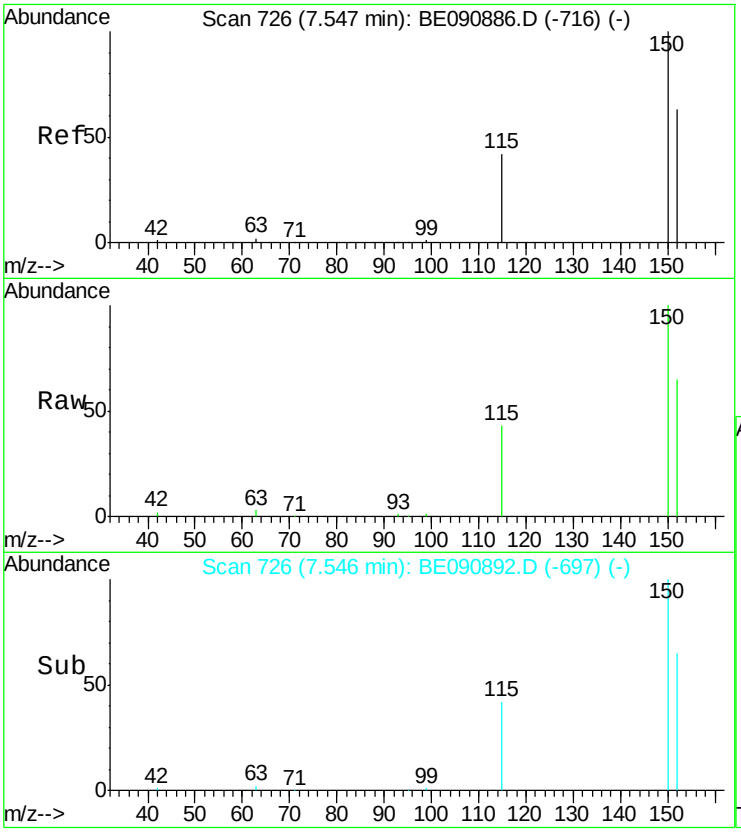
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091815\
Data File : BE090892.D
Acq On : 19 Sep 2015 2:25
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Quant Time: Sep 19 03:46:21 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 18:17:34 2015
Response via : Initial Calibration



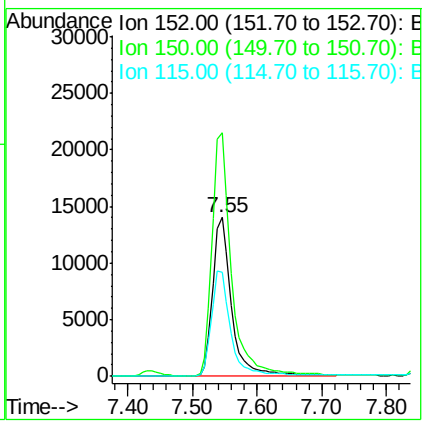


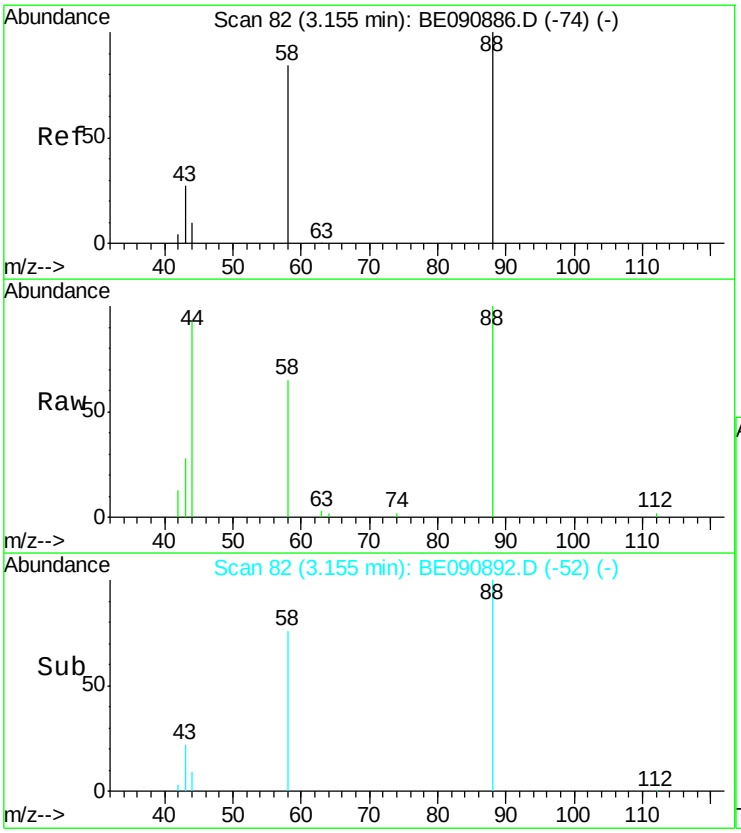
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 28083

Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.2	183.4
115	65.4	51.0	76.4

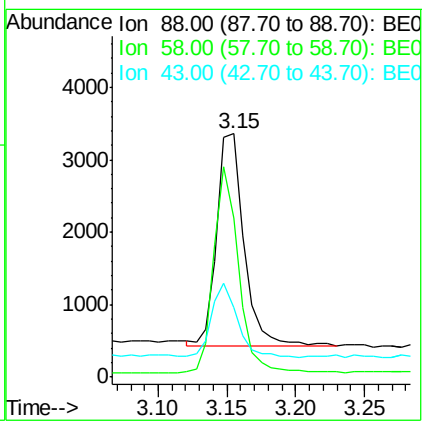


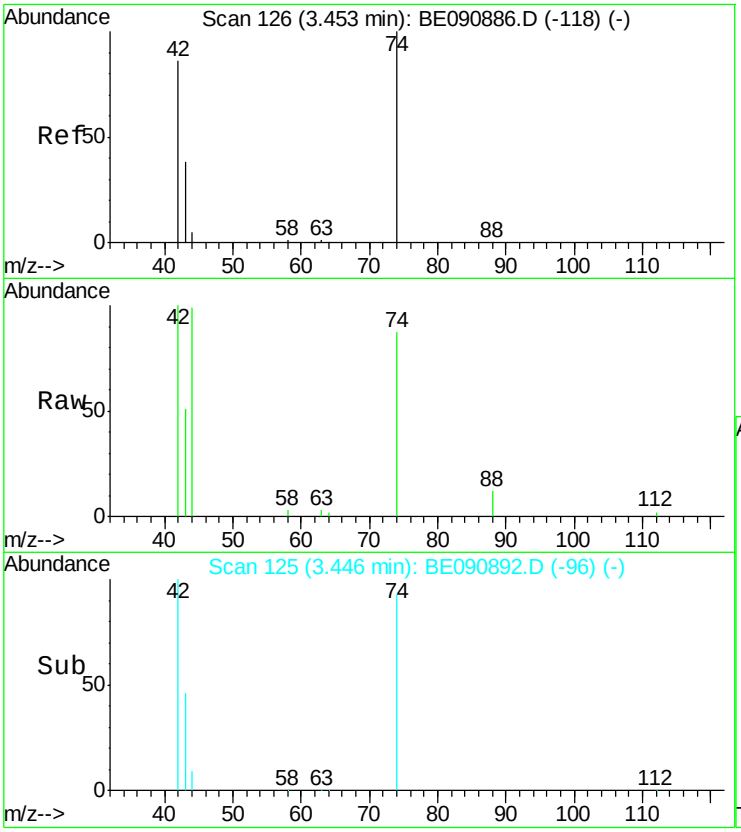


#2
1,4-Dioxane
Concen: 0.97 ng
RT: 3.15 min Scan# 82
Delta R.T. 0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Tgt Ion: 88 Resp: 4066

Ion	Ratio	Lower	Upper
88	100		
58	88.5	68.4	102.6
43	32.4	26.9	40.3



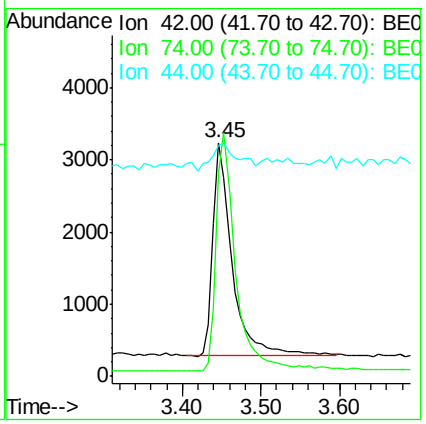


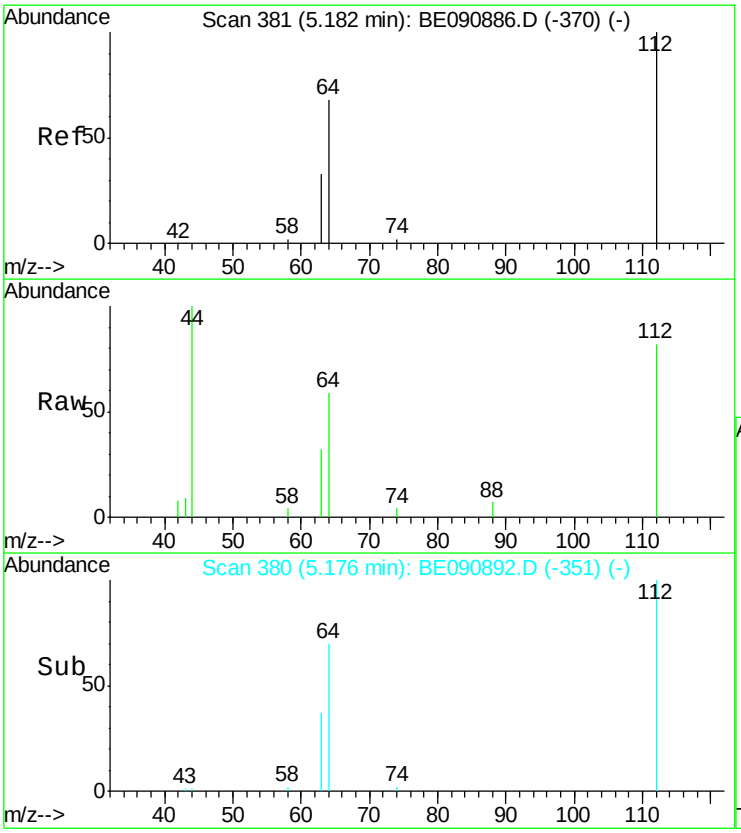
#3
n-Nitrosodimethylamine
Concen: 0.91 ng
RT: 3.45 min Scan# 125
Delta R.T. -0.01 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 42 Resp: 5004

Ion	Ratio	Lower	Upper
42	100		
74	111.5	83.7	125.5
44	17.9	10.0	15.0#

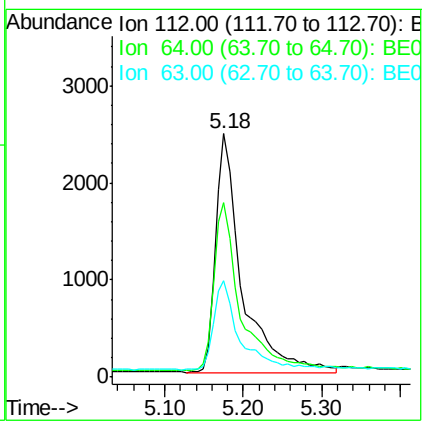


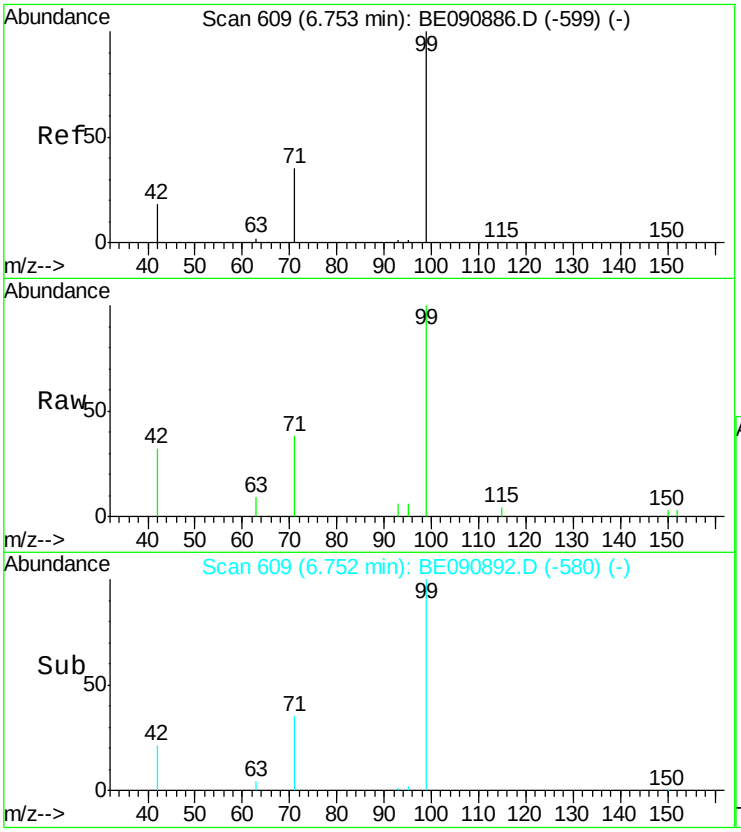


#4
2-Fluorophenol
Concen: 0.86 ng
RT: 5.18 min Scan# 380
Delta R.T. -0.01 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Tgt Ion:112 Resp: 5666

Ion	Ratio	Lower	Upper
112	100		
64	71.8	57.3	85.9
63	36.7	29.2	43.8



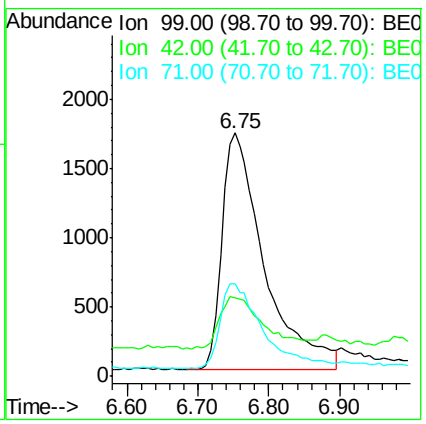


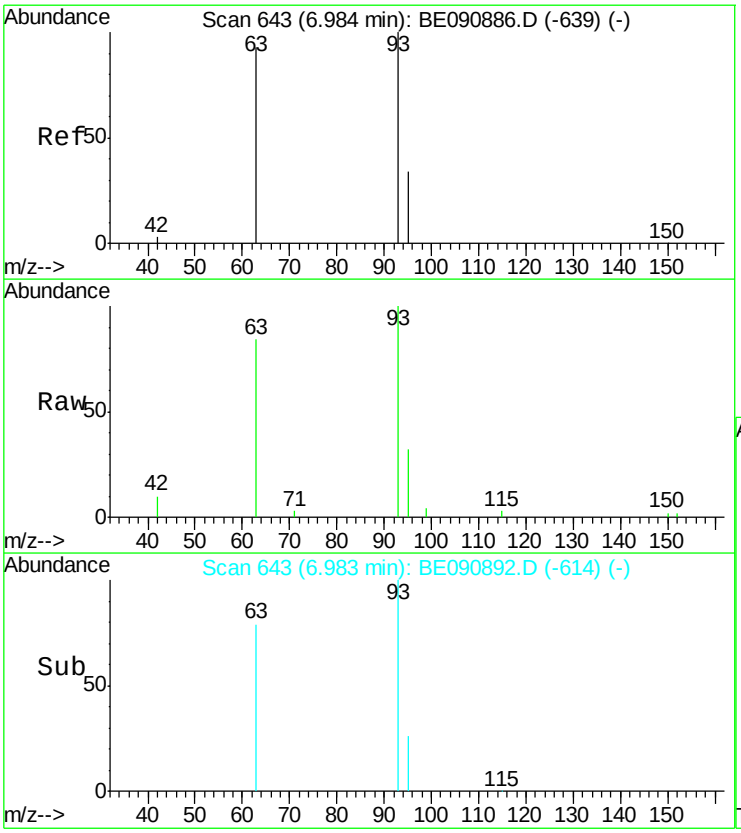
#5
Phenol-d6
Concen: 0.80 ng
RT: 6.75 min Scan# 609
Delta R.T. -0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 99 Resp: 7012

Ion	Ratio	Lower	Upper
99	100		
42	23.8	16.8	25.2
71	36.6	28.3	42.5

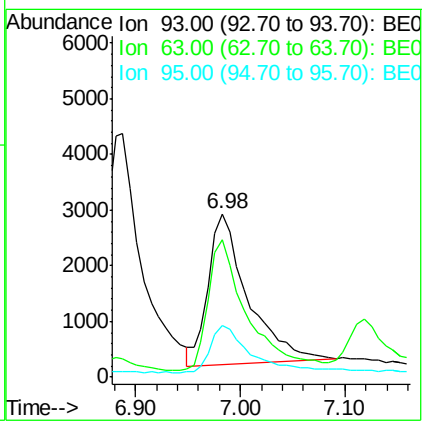


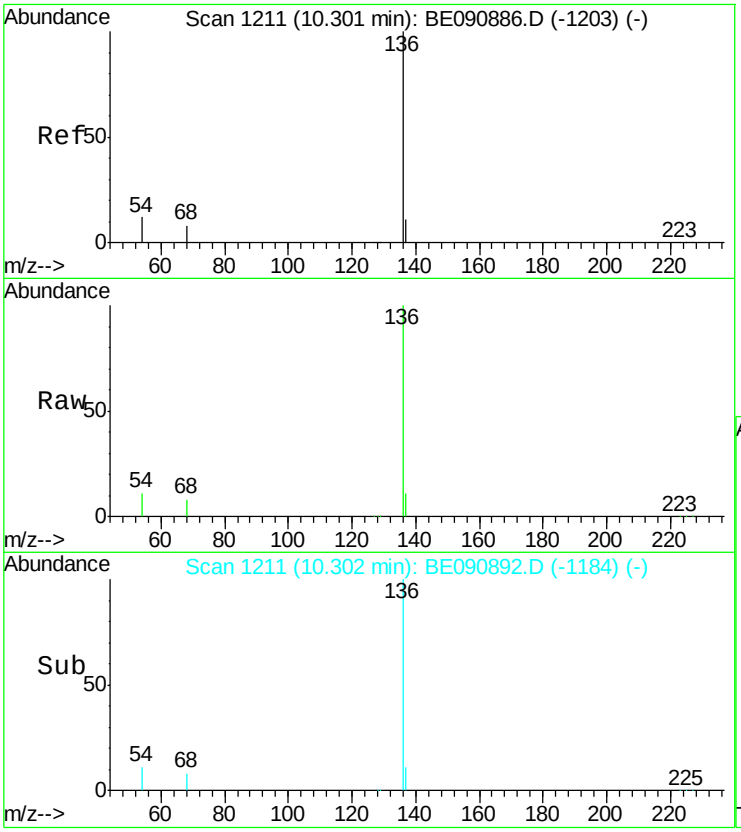


#6
bis(2-Chloroethyl)ether
Concen: 0.88 ng
RT: 6.98 min Scan# 643
Delta R.T. -0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Tgt Ion: 93 Resp: 7104

Ion	Ratio	Lower	Upper
93	100		
63	86.0	68.5	102.7
95	32.5	26.9	40.3



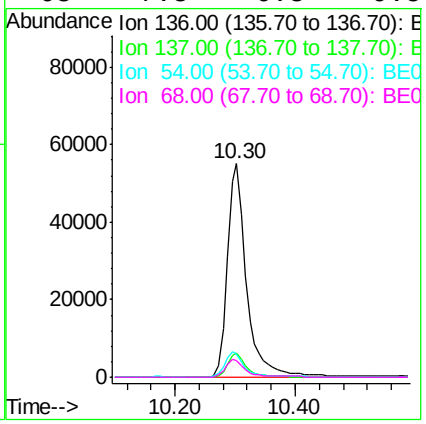


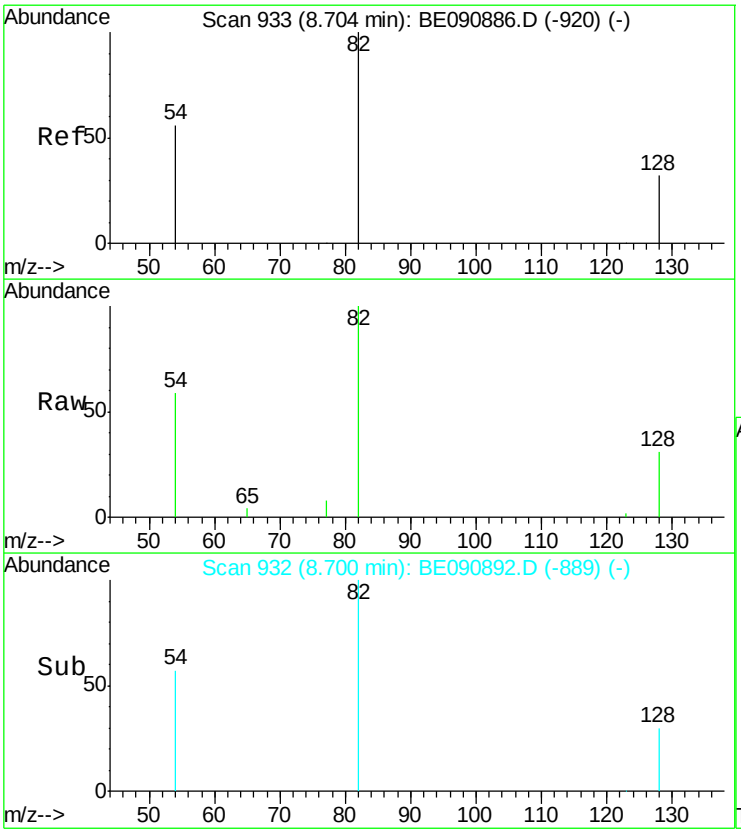
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.30 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:136 Resp: 122528

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.8	9.0	13.6
68	7.8	6.3	9.5

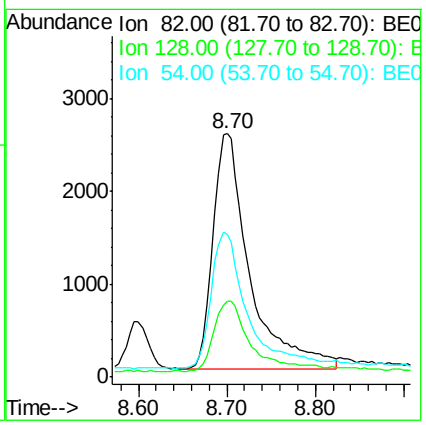


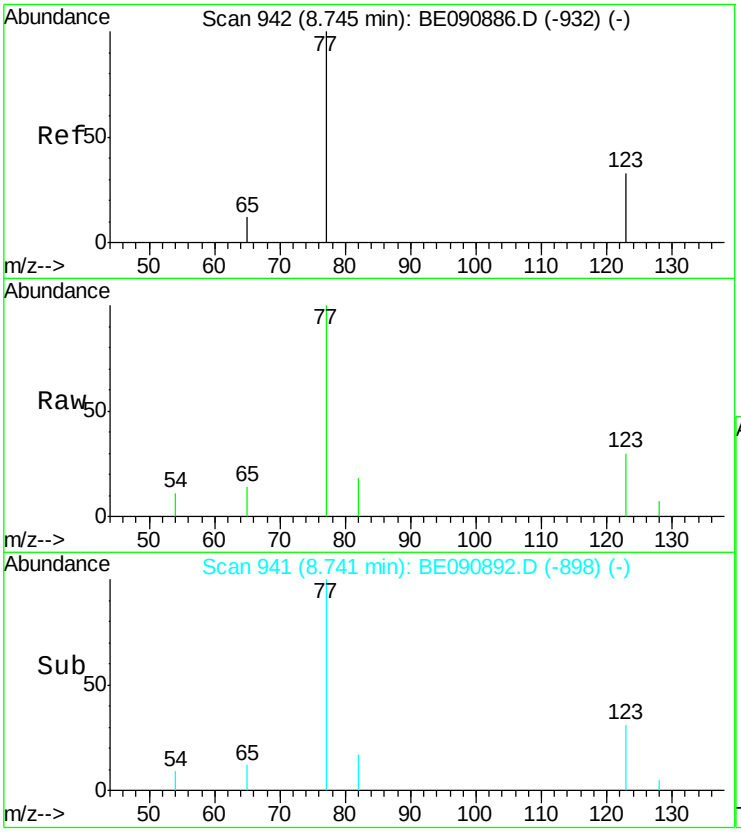


#8
Nitrobenzene-d5
Concen: 0.87 ng
RT: 8.70 min Scan# 932
Delta R.T. -0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Tgt Ion: 82 Resp: 7330

Ion	Ratio	Lower	Upper
82	100		
128	31.4	25.0	37.4
54	58.7	46.3	69.5



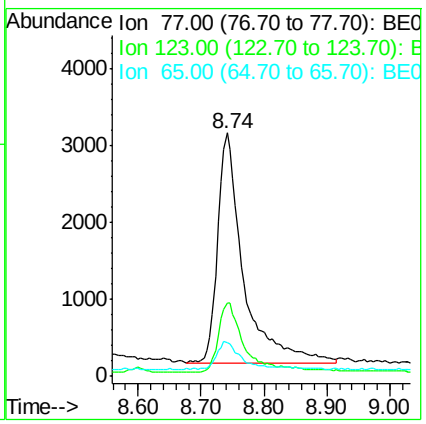


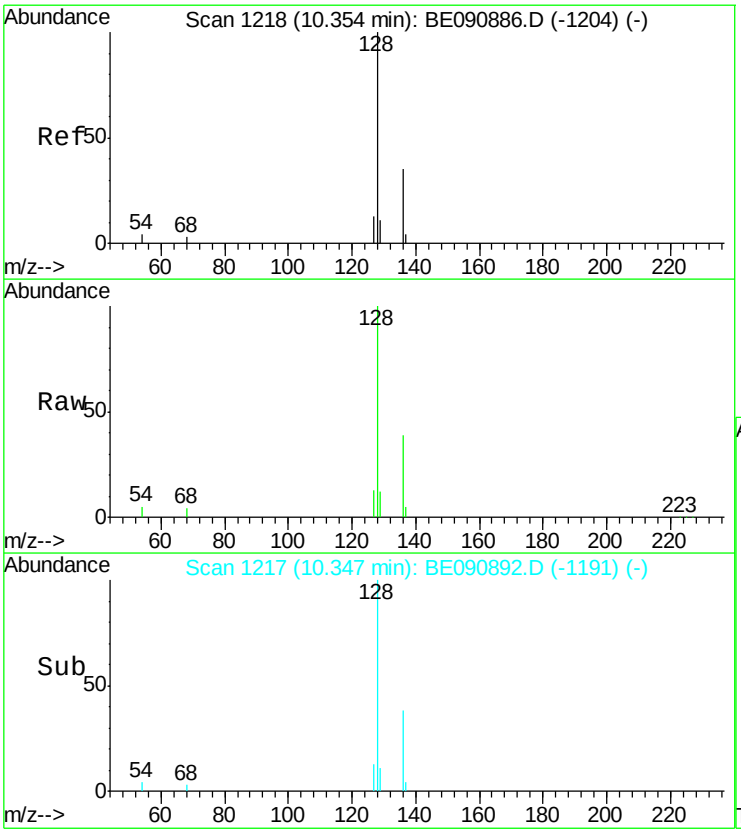
#9
Nitrobenzene
Concen: 0.90 ng
RT: 8.74 min Scan# 941
Delta R.T. -0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 77 Resp: 8419

Ion	Ratio	Lower	Upper
77	100		
123	29.4	25.1	37.7
65	11.4	9.9	14.9

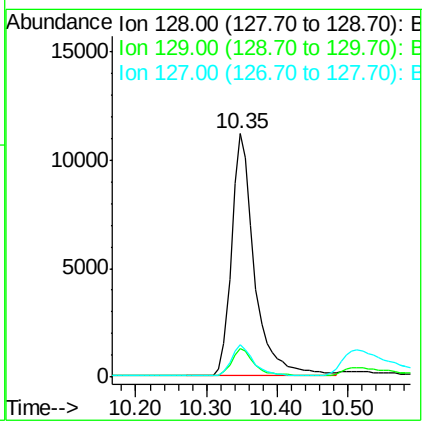


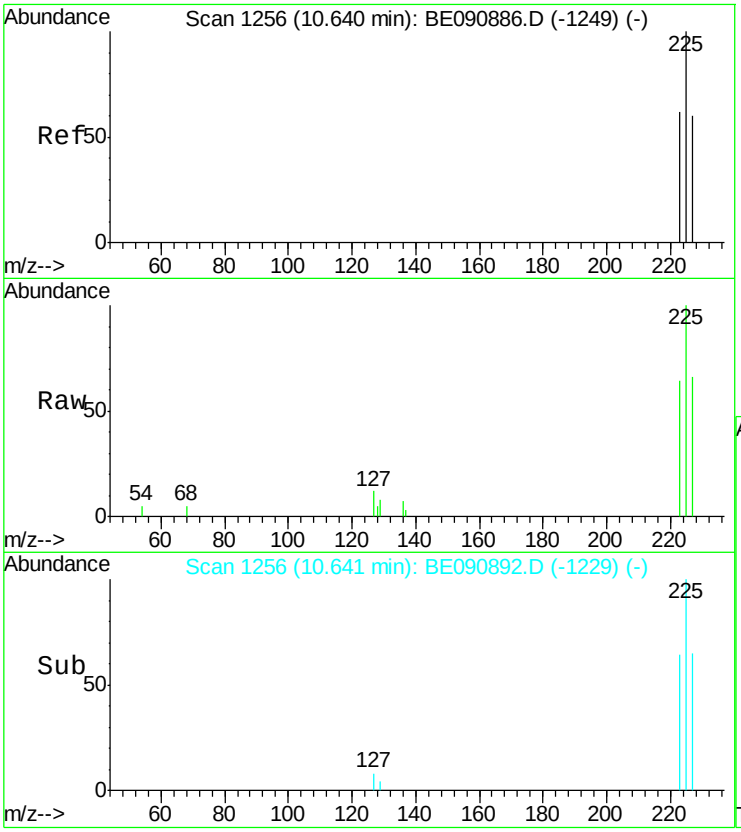


#10
Naphthalene
Concen: 0.97 ng
RT: 10.35 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Tgt Ion:128 Resp: 25319

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.4	12.6
127	13.4	9.9	14.9



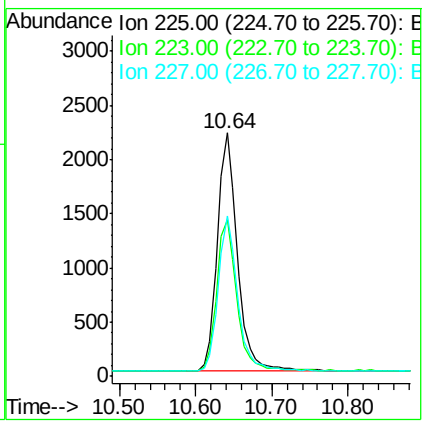


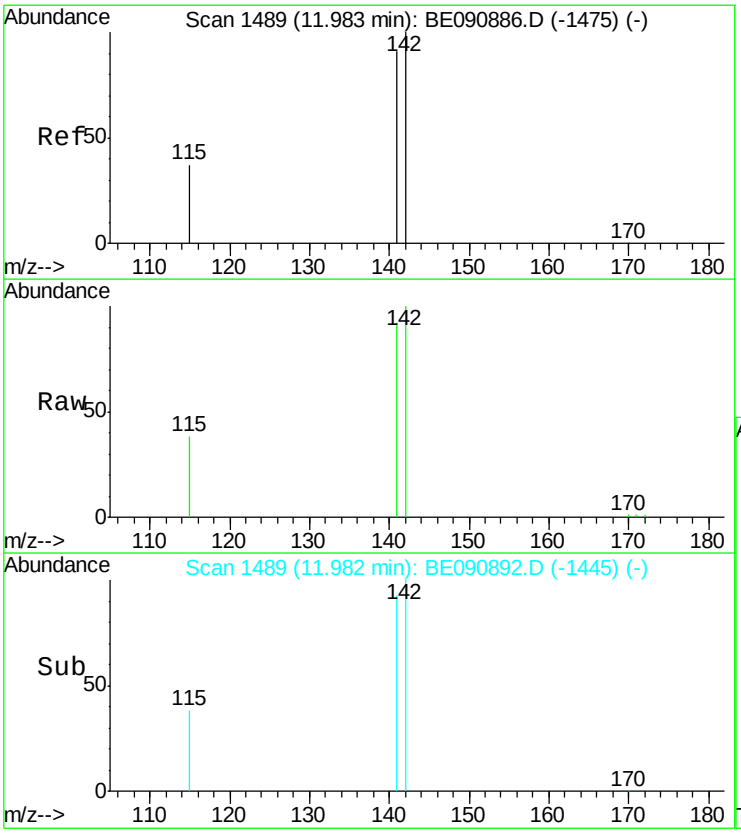
#11
Hexachlorobutadiene
Concen: 1.04 ng
RT: 10.64 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:225 Resp: 4039

Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	63.8	51.0	76.6

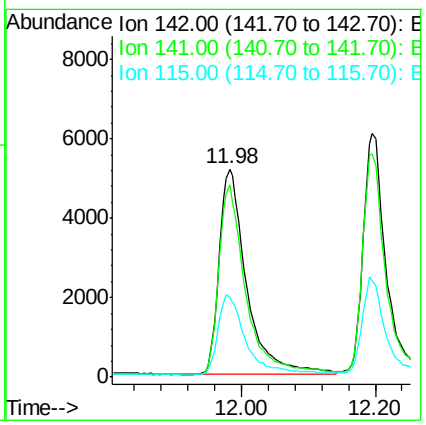


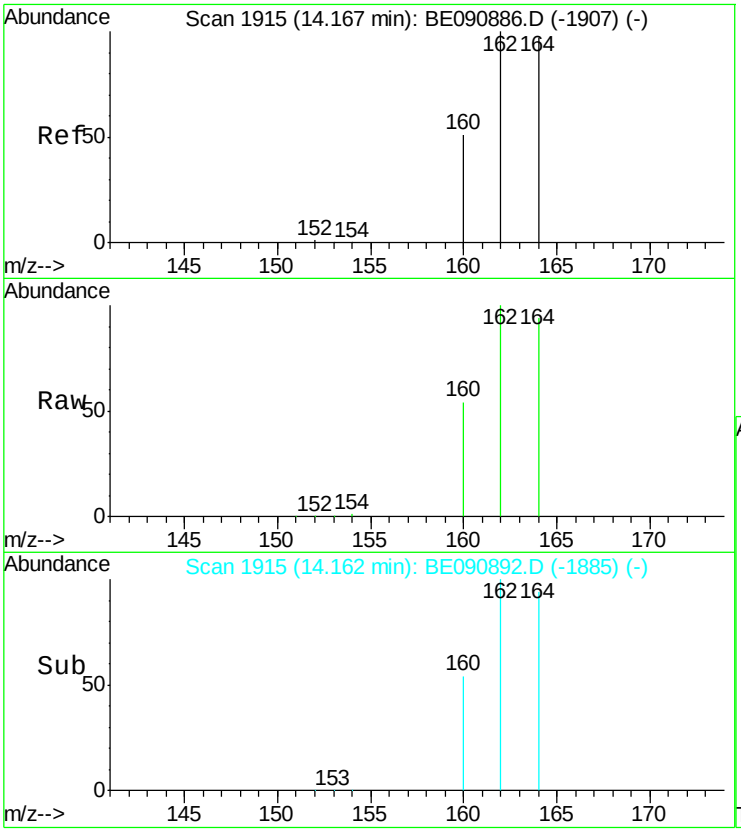


#12
2-Methylnaphthalene
Concen: 0.90 ng
RT: 11.98 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Tgt Ion:142 Resp: 14828

Ion	Ratio	Lower	Upper
142	100		
141	92.2	71.4	107.2
115	38.3	31.0	46.4



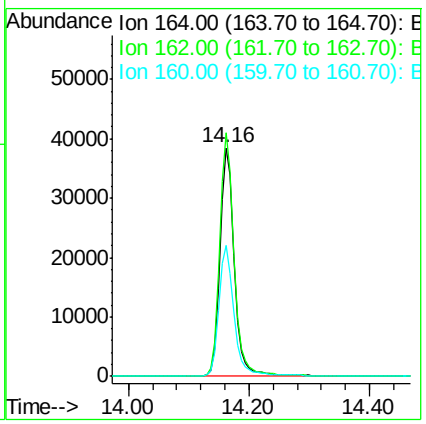


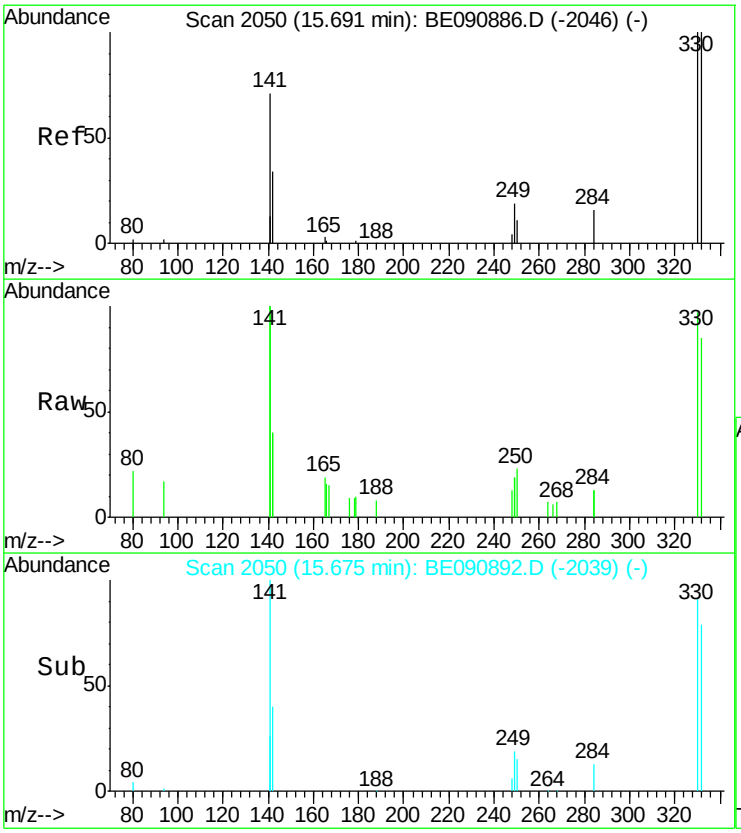
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.16 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:164 Resp: 64431

Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.8	130.2
160	57.2	53.9	80.9

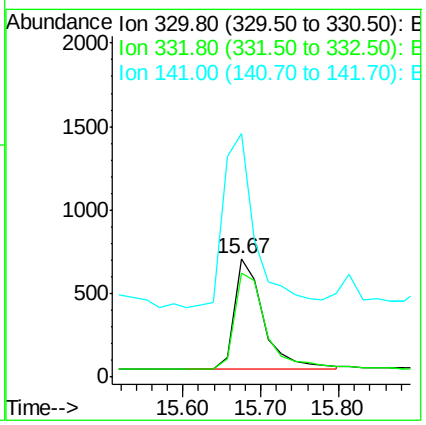


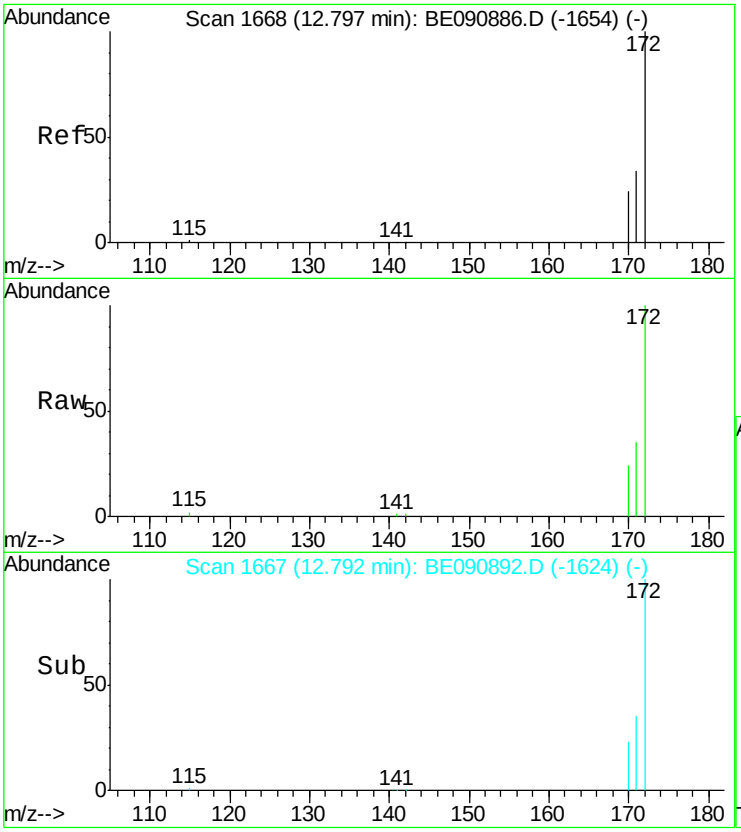


#14
2,4,6-Tribromophenol
Concen: 0.77 ng
RT: 15.67 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Tgt Ion:330 Resp: 1746

Ion	Ratio	Lower	Upper
330	100		
332	94.6	74.9	112.3
141	169.8	145.2	217.8



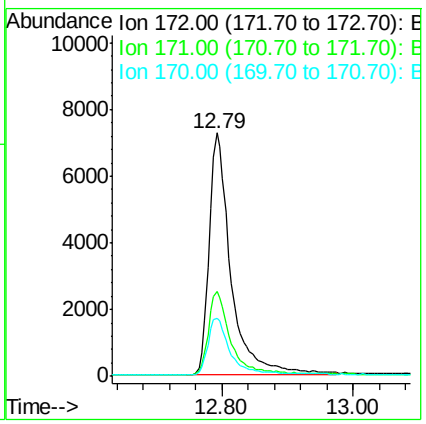


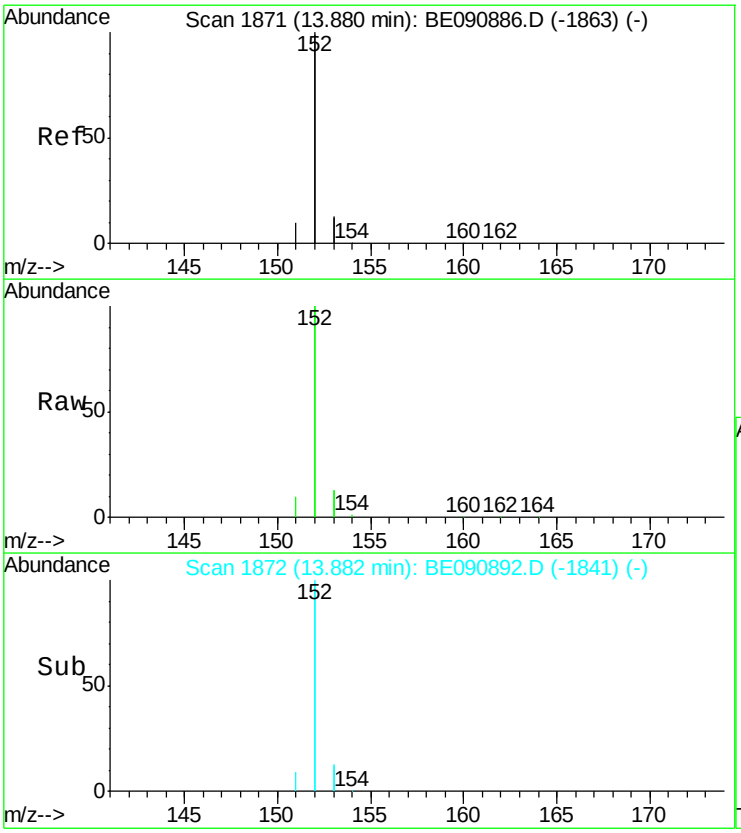
#15
2-Fluorobiphenyl
Concen: 0.92 ng
RT: 12.79 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:172 Resp: 16820

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.8
170	23.8	19.8	29.6

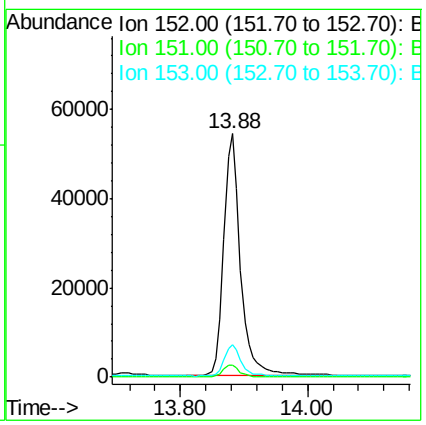


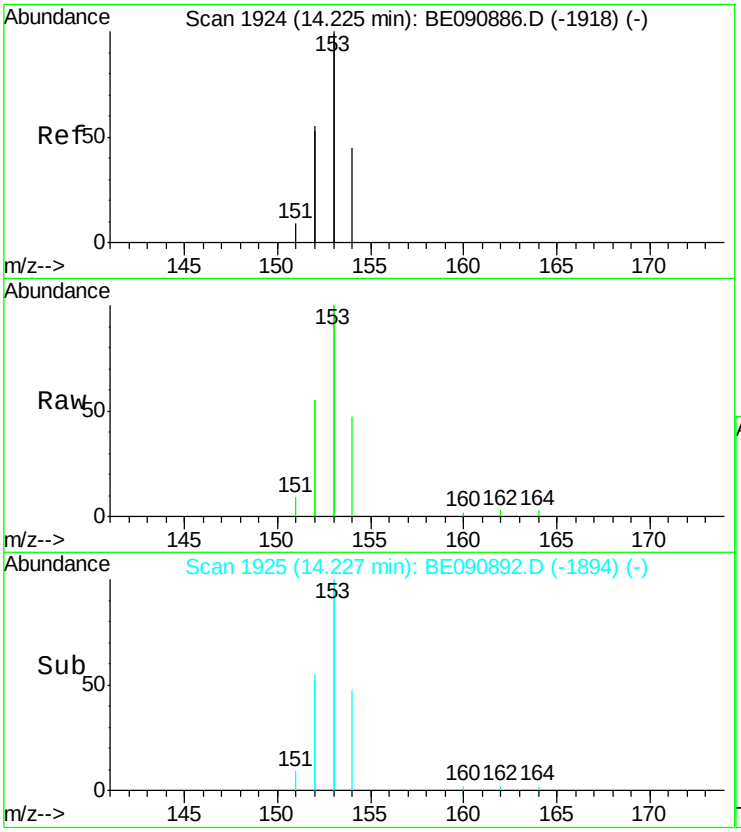


#16
Acenaphthylene
Concen: 0.89 ng
RT: 13.88 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Tgt Ion:152 Resp: 99976

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	12.9	10.3	15.5



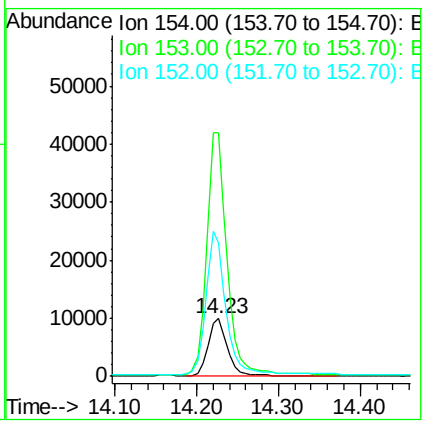


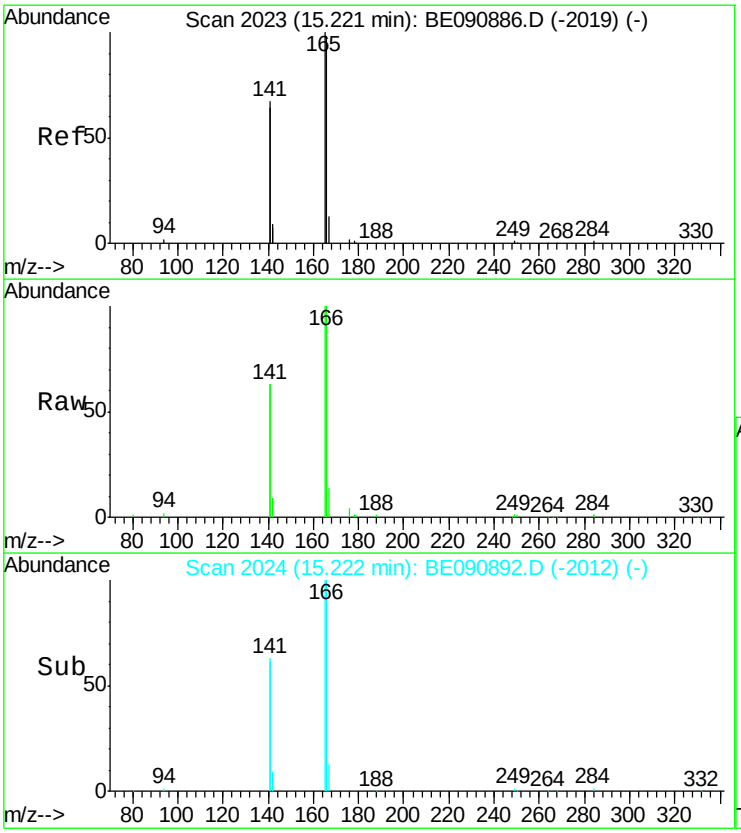
#17
Acenaphthene
Concen: 0.94 ng
RT: 14.23 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:154 Resp: 16194

Ion	Ratio	Lower	Upper
154	100		
153	442.0	354.5	531.7
152	255.2	227.8	341.6

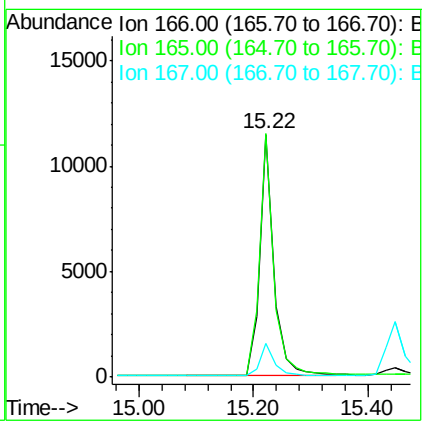


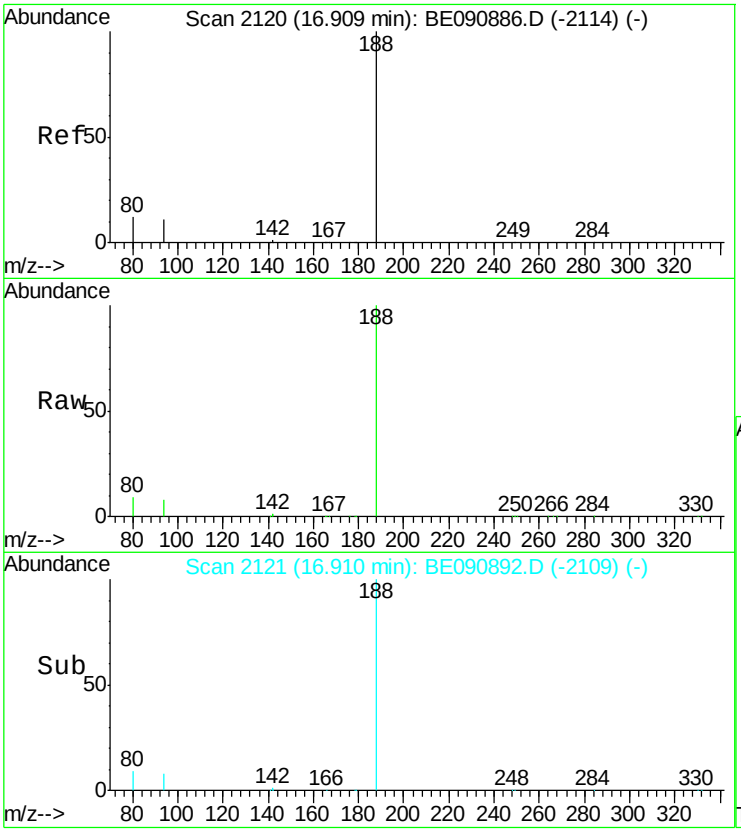


#18
Fluorene
Concen: 0.94 ng
RT: 15.22 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Tgt Ion:166 Resp: 19974

Ion	Ratio	Lower	Upper
166	100		
165	101.5	82.7	124.1
167	14.1	10.7	16.1



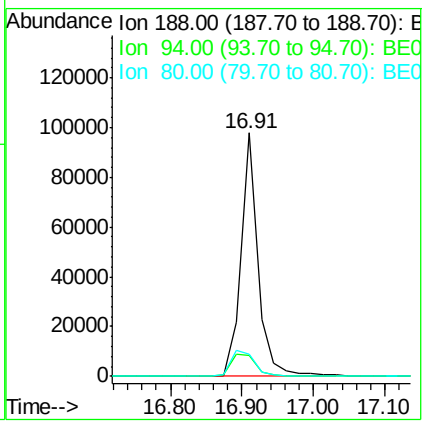


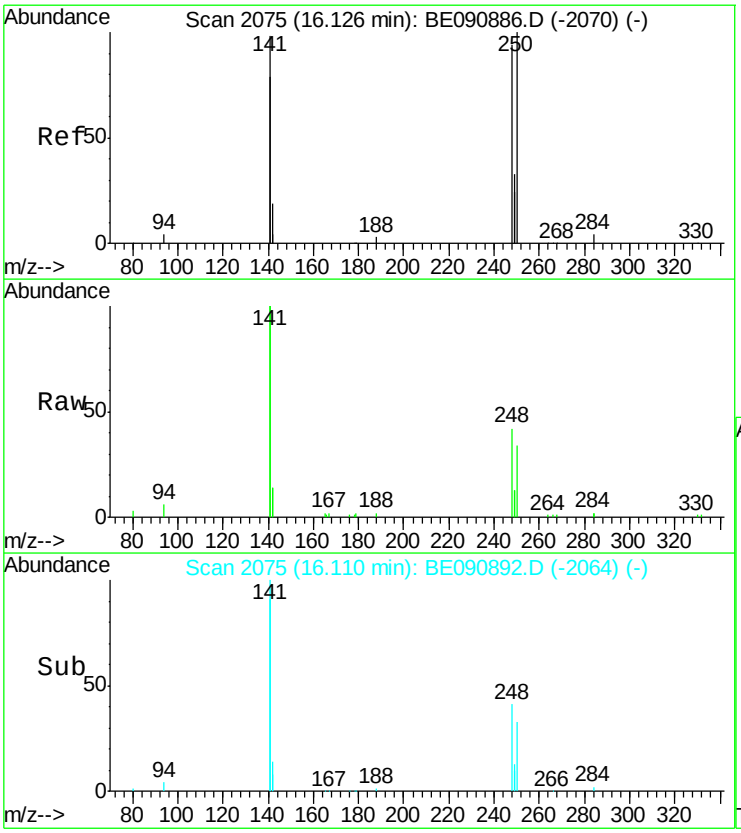
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:188 Resp: 160279

Ion	Ratio	Lower	Upper
188	100		
94	8.4	10.3	15.5#
80	9.0	11.0	16.6#

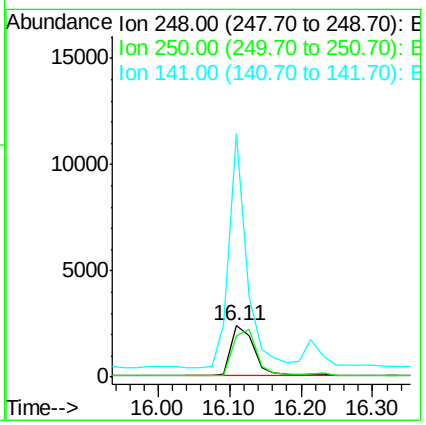


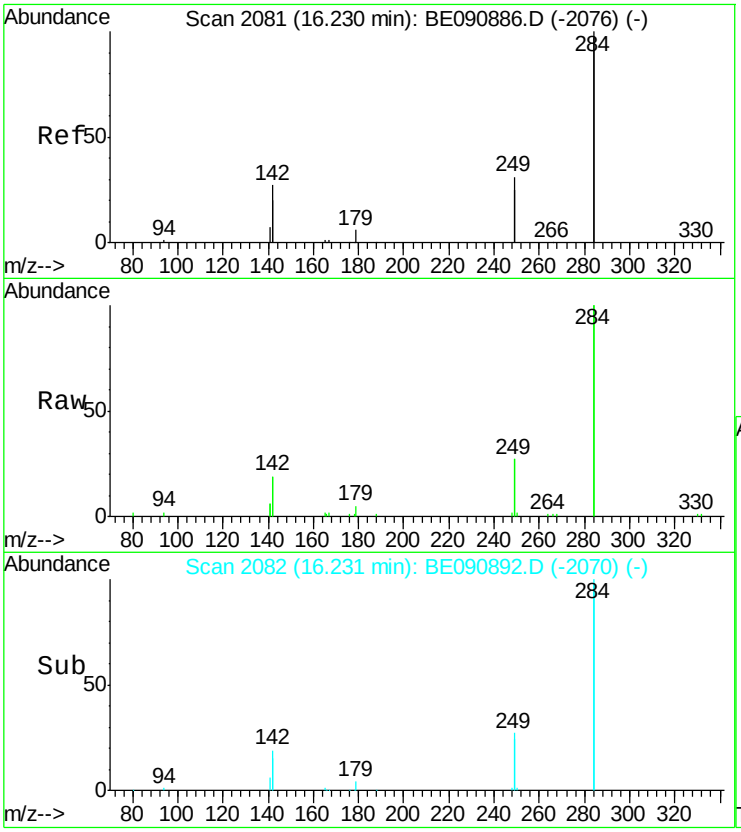


#20
4-Bromophenyl-phenylether
Concen: 0.88 ng
RT: 16.11 min Scan# 2075
Delta R.T. -0.02 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Tgt Ion:248 Resp: 5436

Ion	Ratio	Lower	Upper
248	100		
250	94.1	76.7	115.1
141	343.9	292.6	439.0



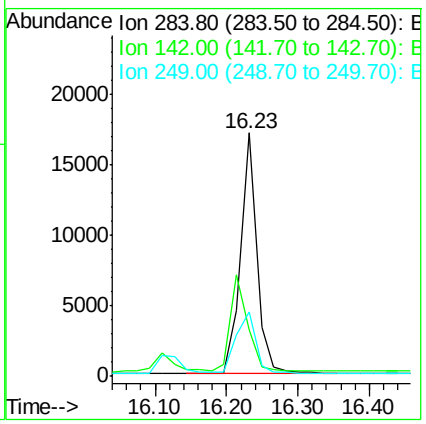


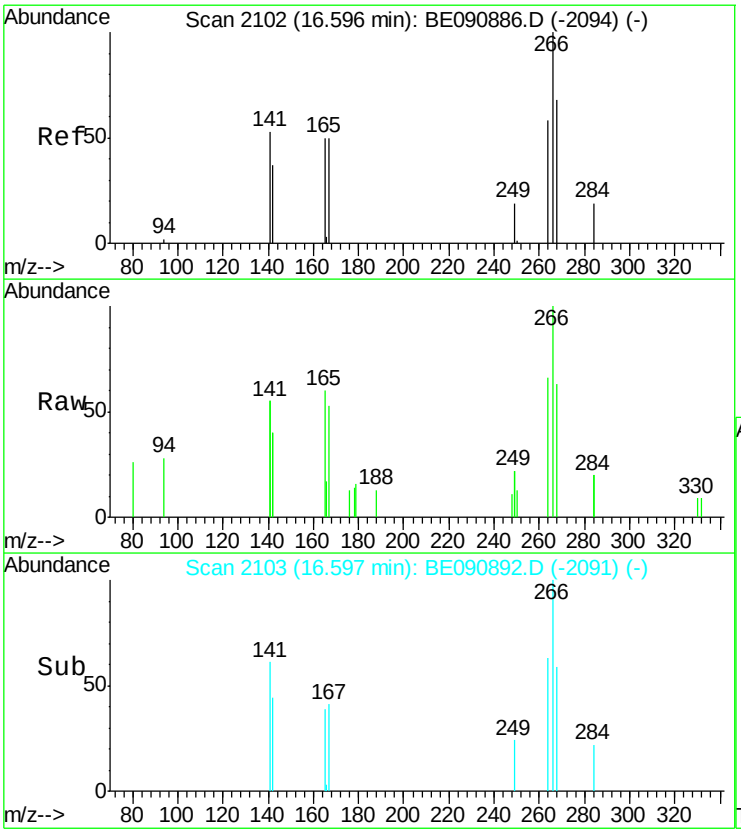
#21
Hexachlorobenzene
Concen: 0.97 ng
RT: 16.23 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:284 Resp: 26814

Ion	Ratio	Lower	Upper
284	100		
142	42.9	35.0	52.4
249	30.9	25.5	38.3

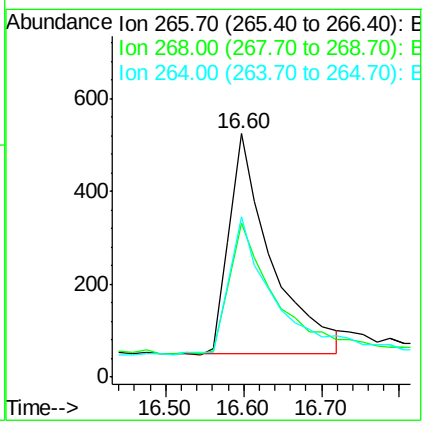


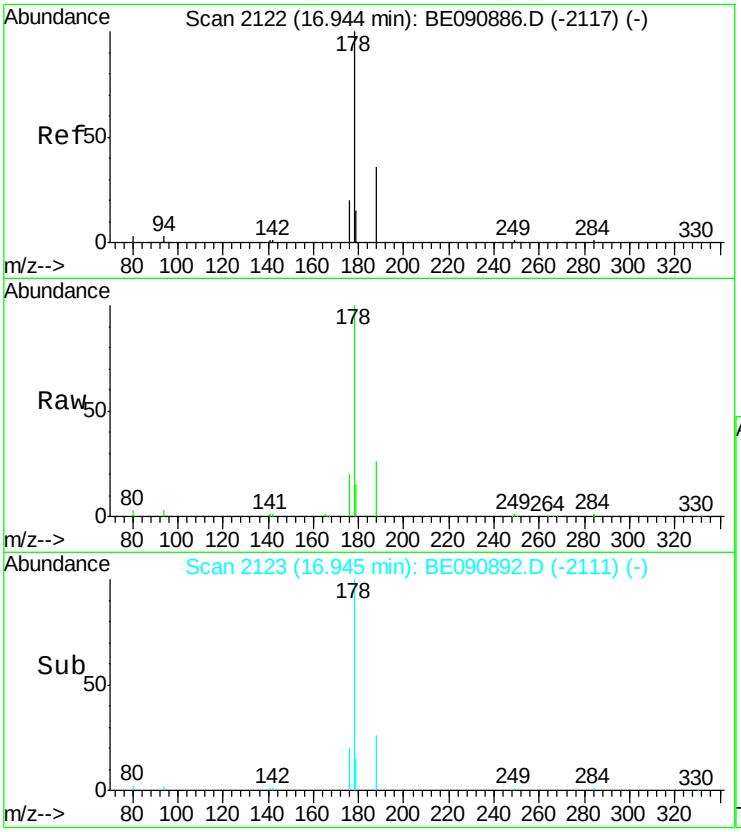


#22
Pentachlorophenol
Concen: 0.76 ng
RT: 16.60 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Tgt Ion:266 Resp: 1788

Ion	Ratio	Lower	Upper
266	100		
268	63.2	49.6	74.4
264	66.1	53.9	80.9



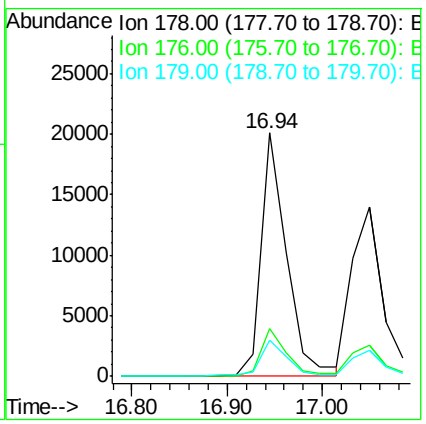


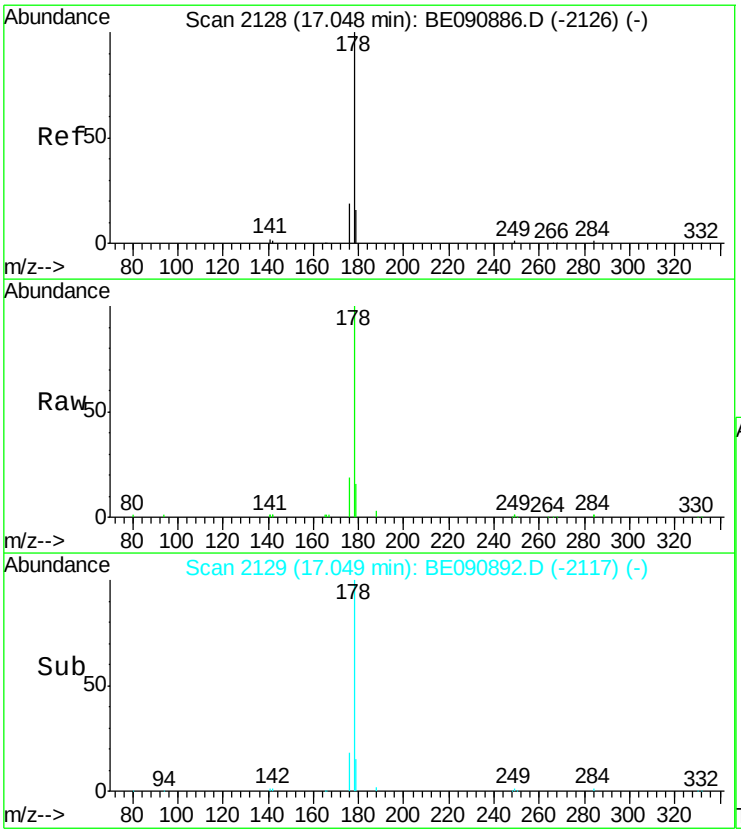
#23
Phenanthrene
Concen: 0.94 ng
RT: 16.94 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 36794

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.4	12.8	19.2

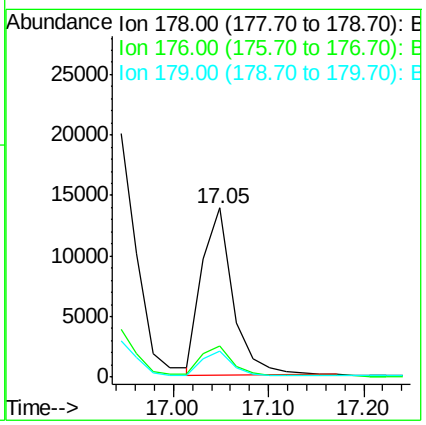


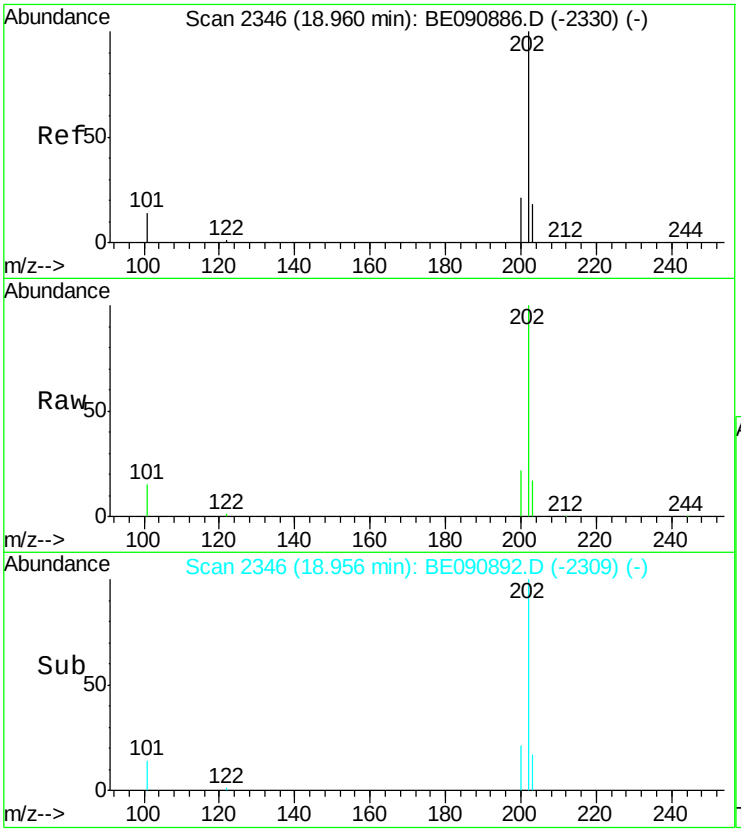


#24
Anthracene
Concen: 0.85 ng
RT: 17.05 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Tgt Ion:178 Resp: 31309

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	14.9	12.3	18.5



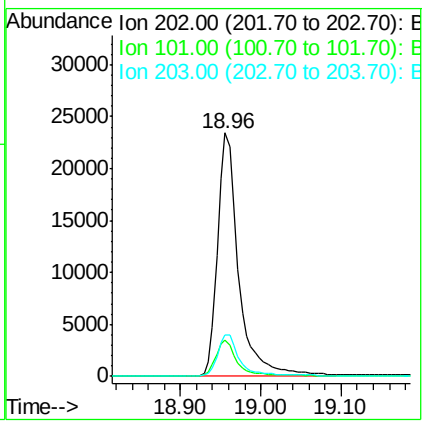


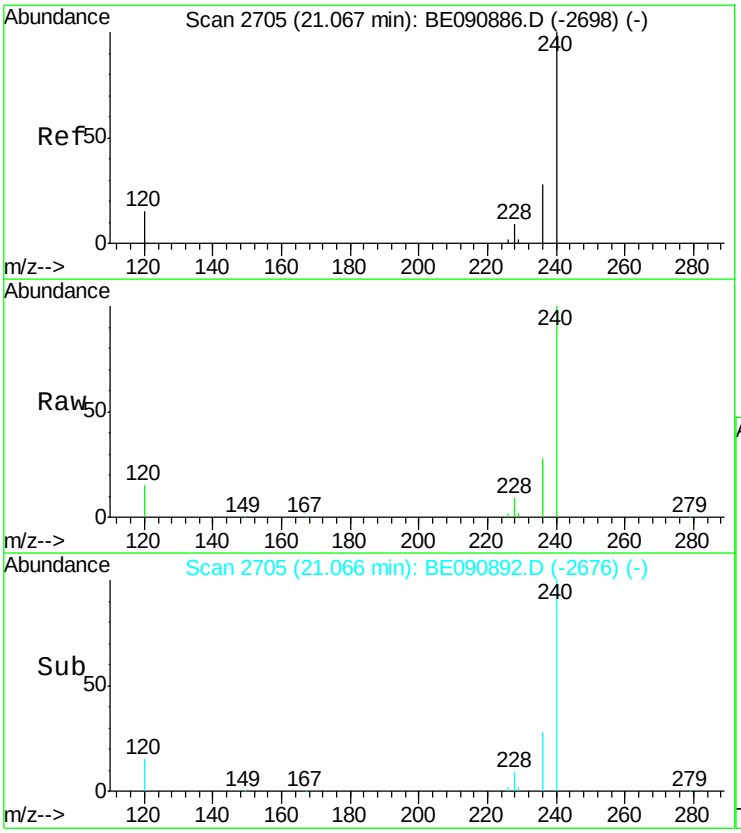
#25
Fluoranthene
Concen: 0.87 ng
RT: 18.96 min Scan# 2346
Delta R.T. -0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:202 Resp: 42551

Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.0	16.6
203	17.2	13.9	20.9

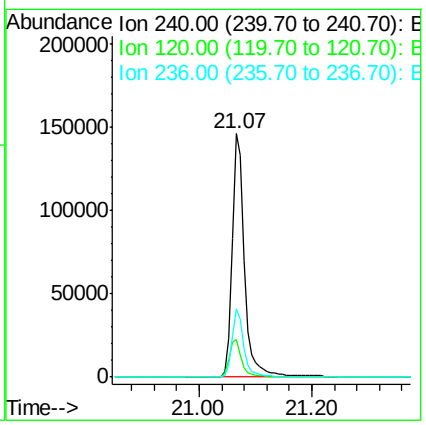


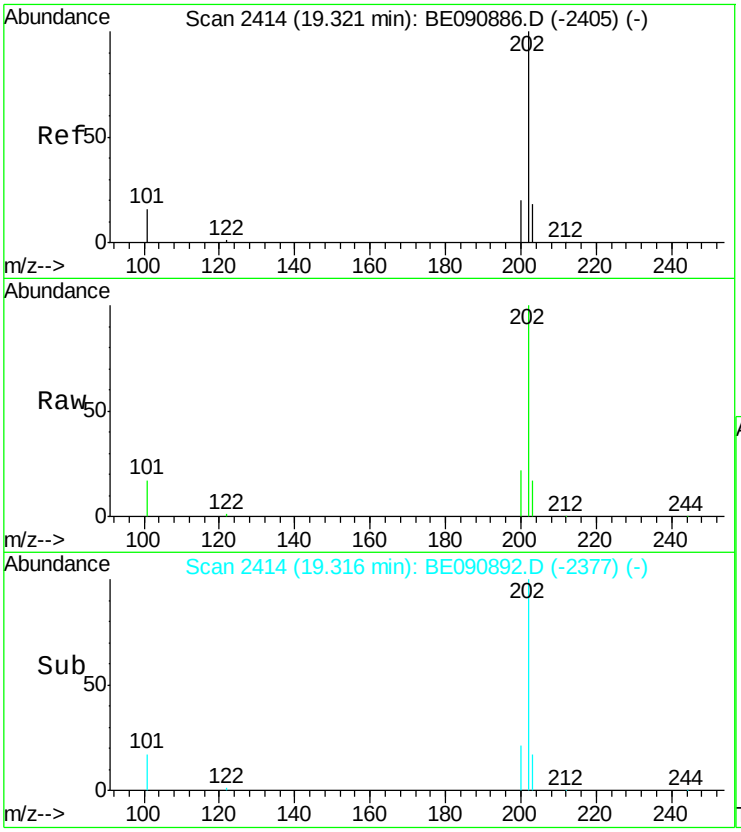


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2705
Delta R.T. -0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Tgt Ion:240 Resp: 220457

Ion	Ratio	Lower	Upper
240	100		
120	15.4	10.1	15.1#
236	28.0	21.9	32.9



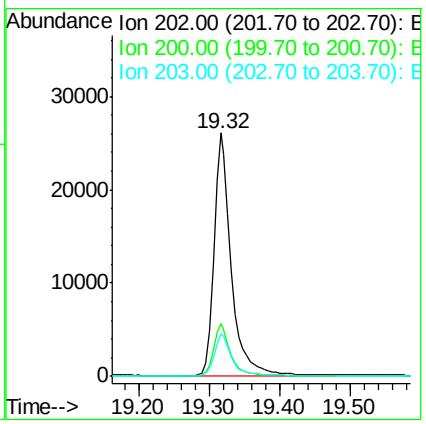


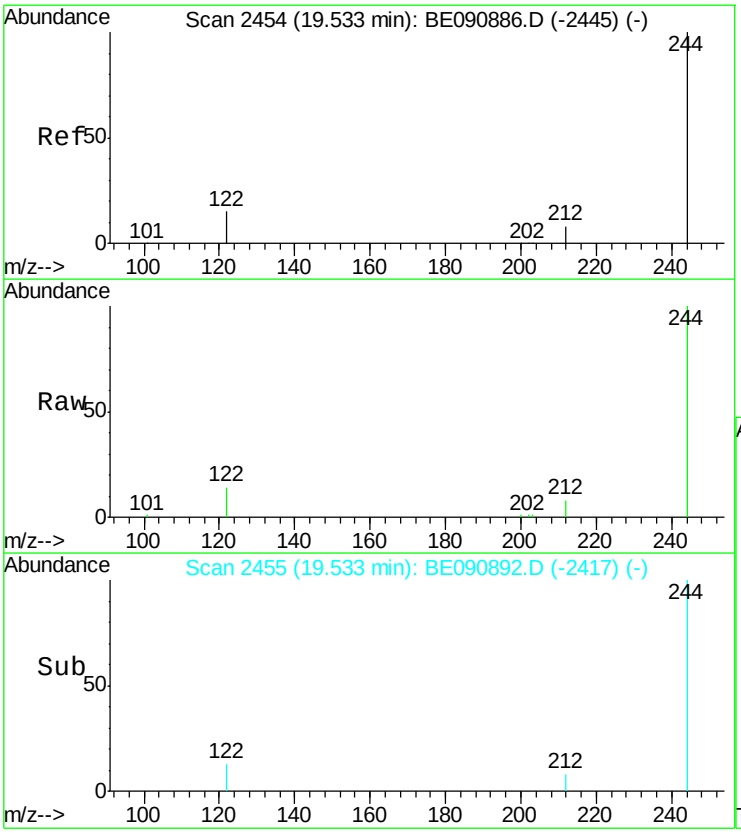
#27
Pyrene
Concen: 0.89 ng
RT: 19.32 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:202 Resp: 44883

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.4	13.8	20.6

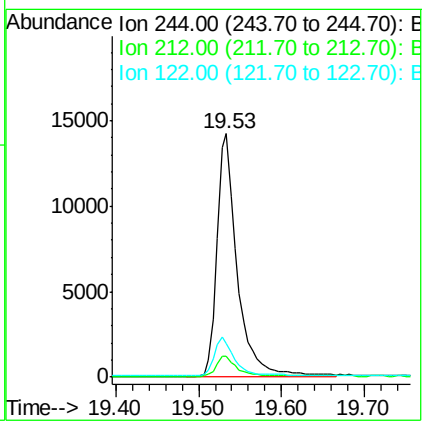


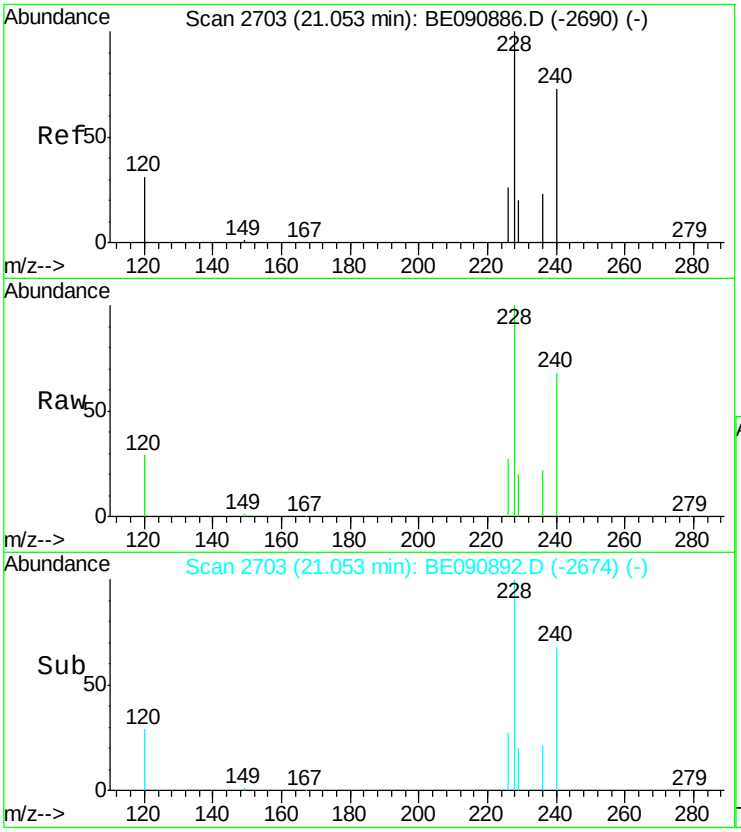


#28
Terphenyl-d14
Concen: 0.90 ng
RT: 19.53 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Tgt Ion:244 Resp: 23813

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	13.7	12.9	19.3



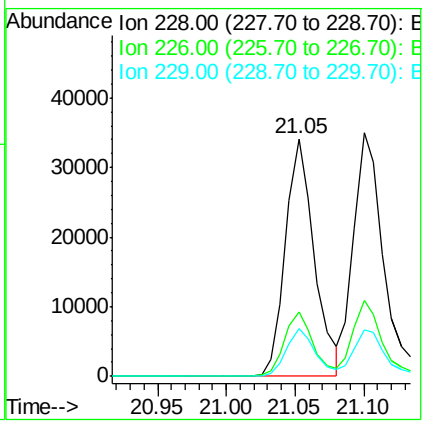


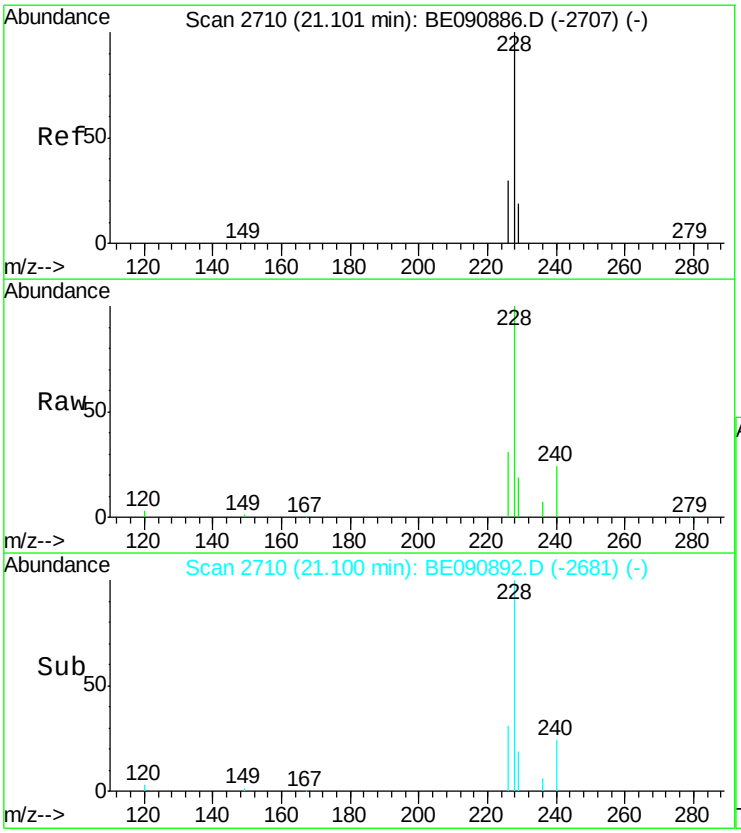
#29
Benzo(a)anthracene
Concen: 0.91 ng
RT: 21.05 min Scan# 2703
Delta R.T. -0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 49496

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.6	32.4
229	20.0	15.9	23.9

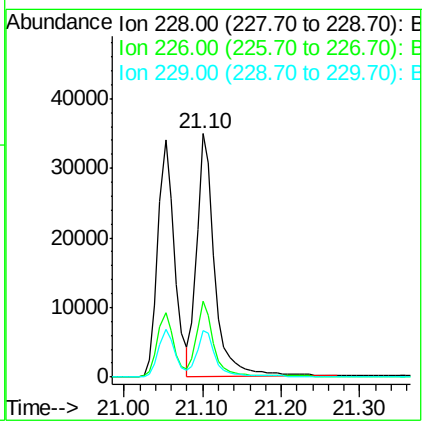


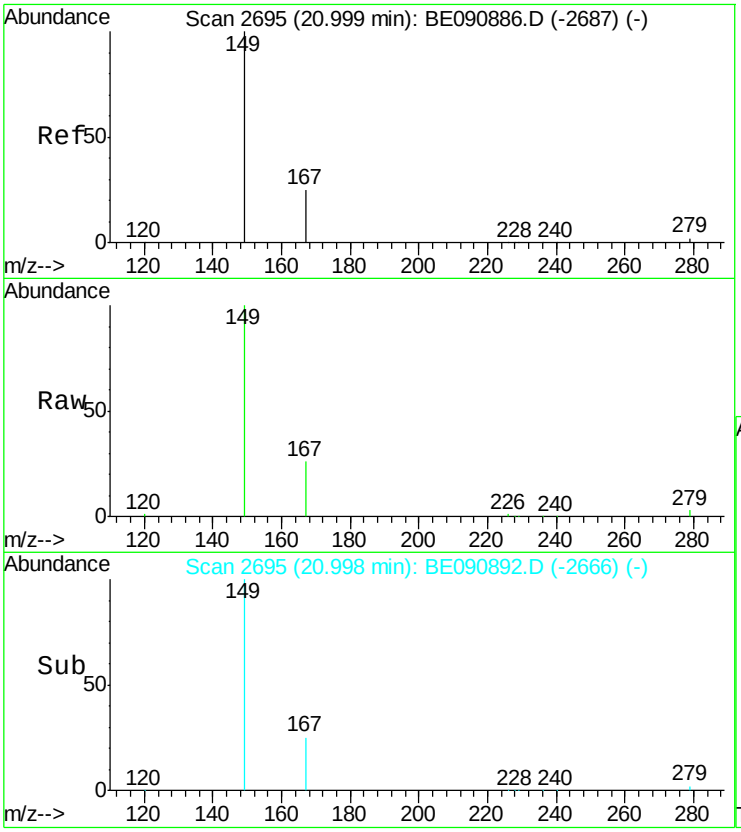


#30
Chrysene
Concen: 0.97 ng
RT: 21.10 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Tgt Ion:228 Resp: 55028

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.4
229	19.1	15.3	22.9



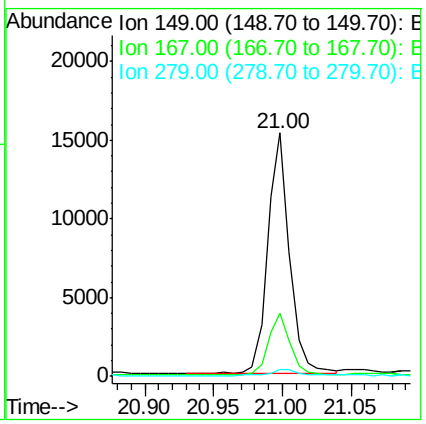


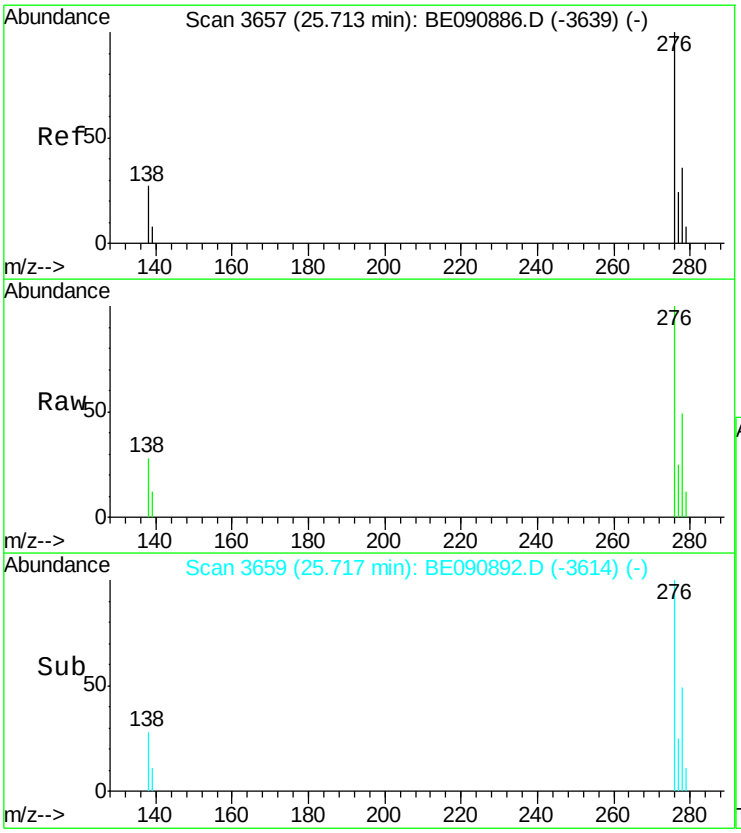
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.81 ng
RT: 21.00 min Scan# 2695
Delta R.T. -0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:149 Resp: 16709

Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.1	30.1
279	3.0	2.3	3.5

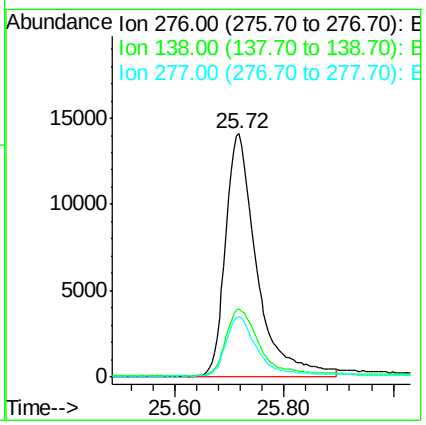


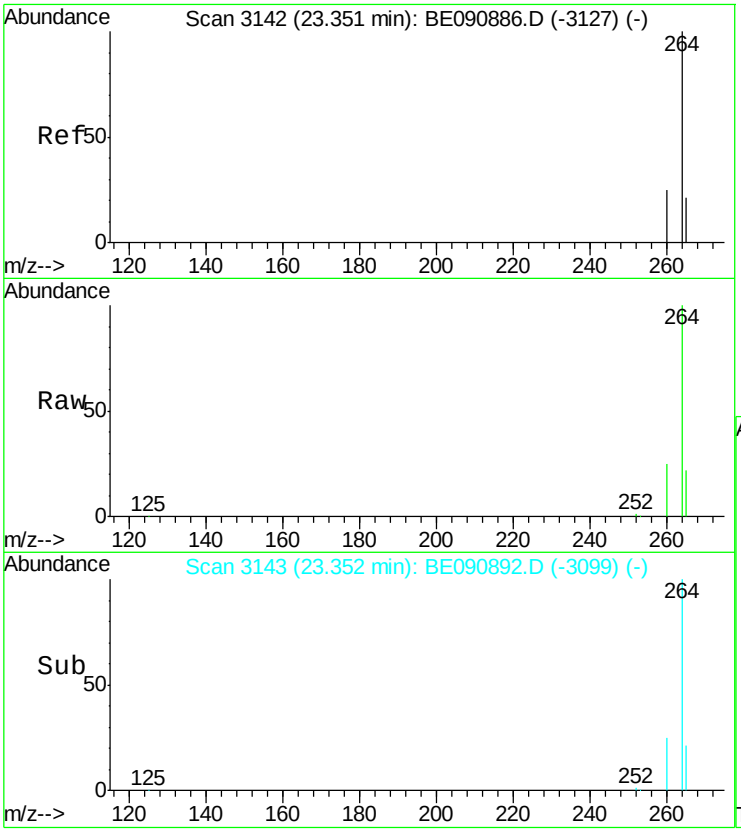


#32
Indeno(1,2,3-cd)pyrene
Concen: 0.86 ng
RT: 25.72 min Scan# 3659
Delta R.T. 0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Tgt Ion:276 Resp: 55420

Ion	Ratio	Lower	Upper
276	100		
138	29.5	23.3	34.9
277	24.9	19.8	29.6



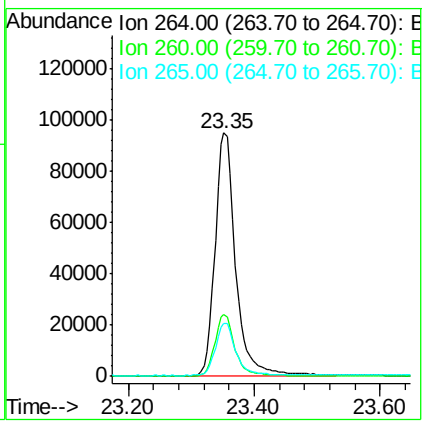


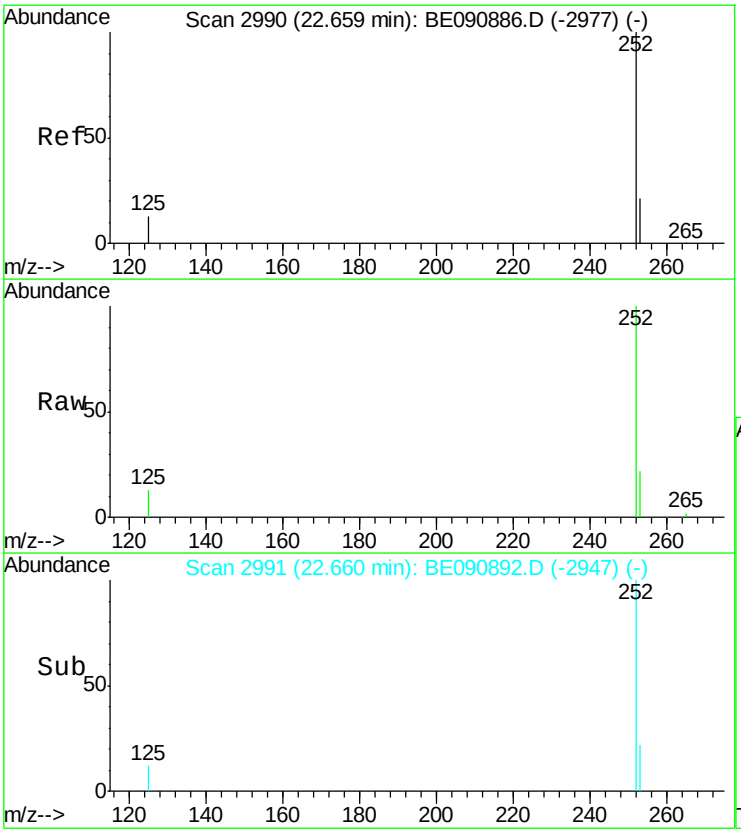
#33
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:264 Resp: 216376

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.7	29.5
265	21.6	17.5	26.3

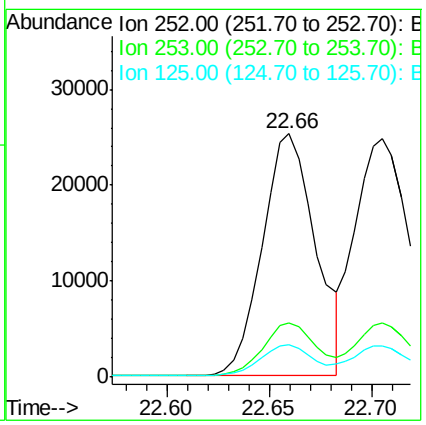


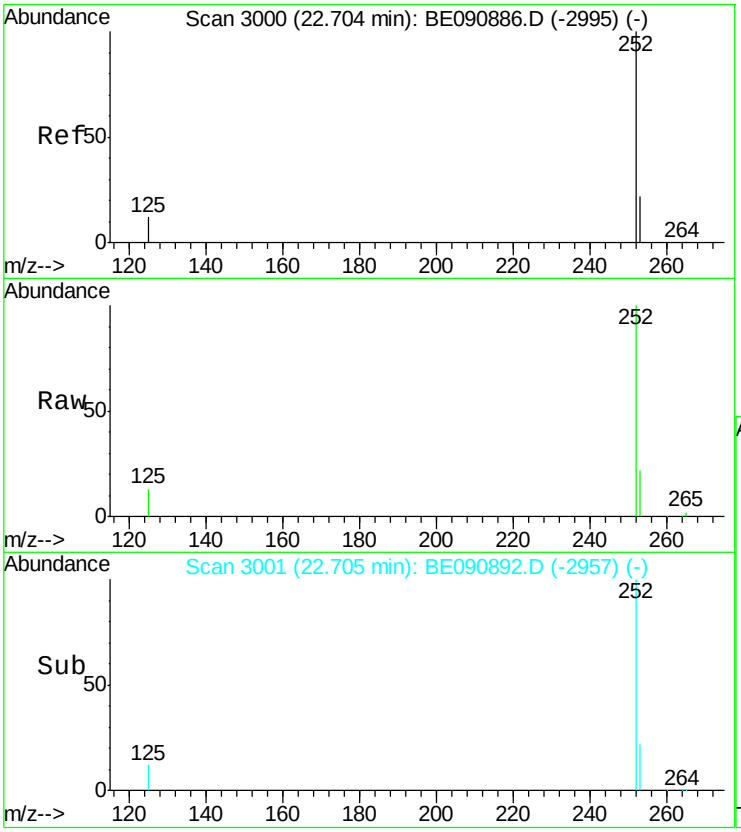


#34
Benzo(b)fluoranthene
Concen: 0.91 ng
RT: 22.66 min Scan# 2991
Delta R.T. 0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Tgt Ion:252 Resp: 45869

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	13.2	10.6	16.0



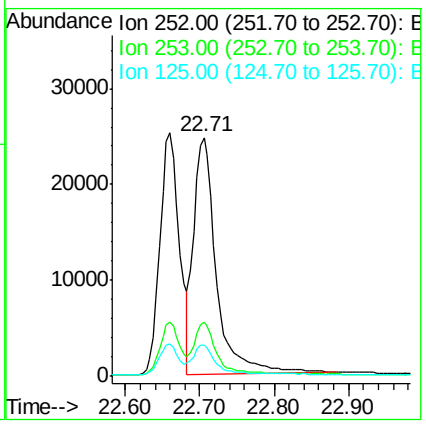


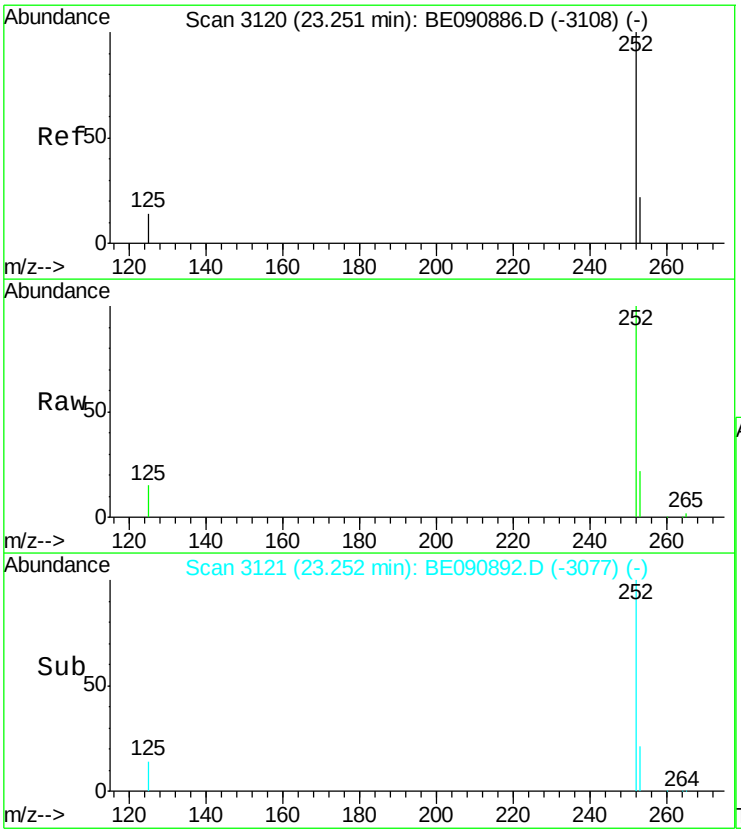
#35
Benzo(k)fluoranthene
Concen: 0.90 ng
RT: 22.71 min Scan# 3001
Delta R.T. 0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 52525

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	13.1	10.1	15.1

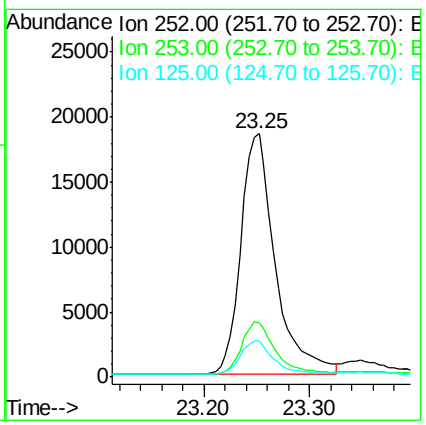


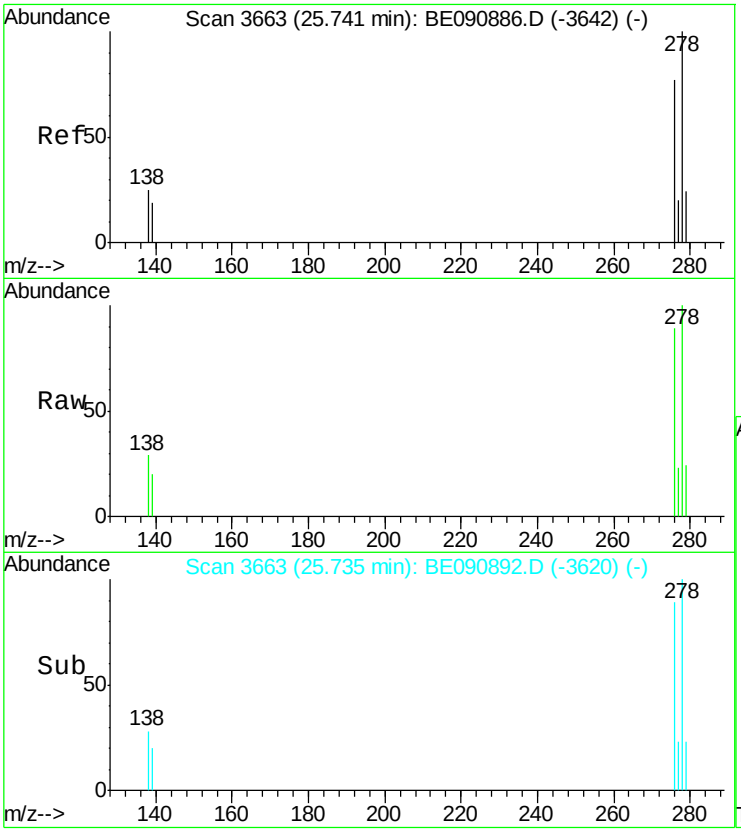


#36
Benzo(a)pyrene
Concen: 0.87 ng
RT: 23.25 min Scan# 3121
Delta R.T. 0.00 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Tgt Ion:252 Resp: 42059

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	14.7	18.0	27.0#



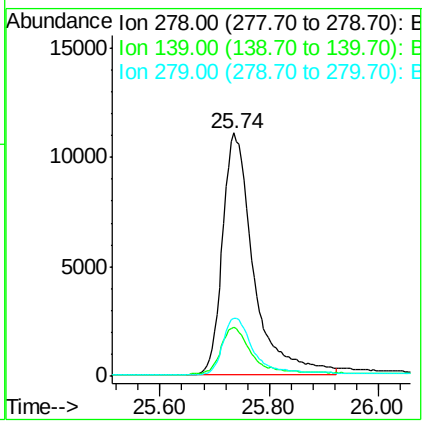


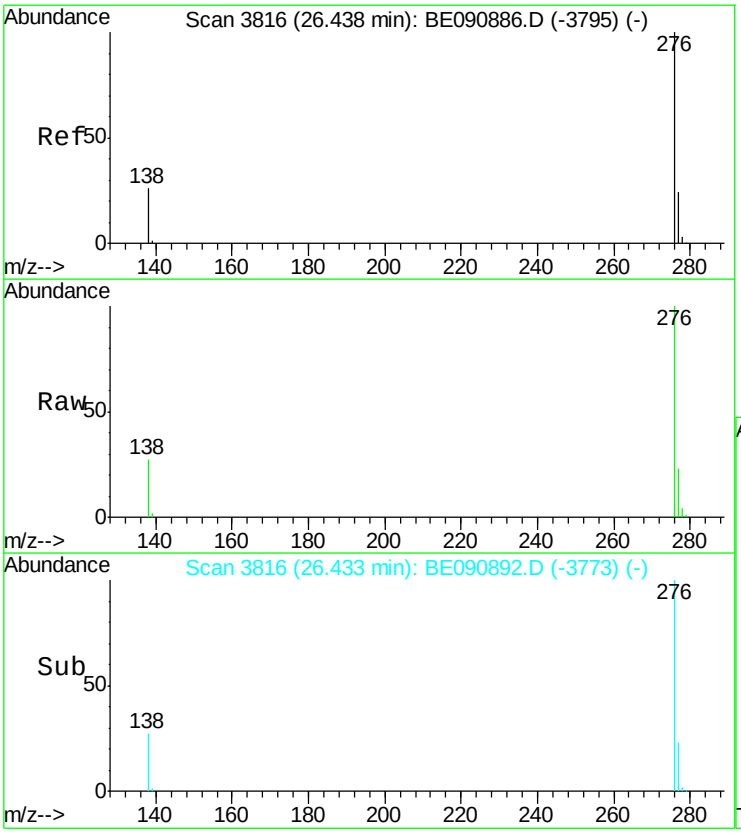
#37
Dibenzo(a,h)anthracene
Concen: 0.88 ng
RT: 25.74 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:278 Resp: 43856

Ion	Ratio	Lower	Upper
278	100		
139	20.4	15.4	23.0
279	24.1	18.8	28.2





#38
Benzo(g,h,i)perylene
Concen: 0.89 ng
RT: 26.43 min Scan# 3816
Delta R.T. -0.01 min
Lab File: BE090892.D
Acq: 19 Sep 2015 2:25

Tgt Ion:276 Resp: 47772

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.5	27.7
138	27.5	20.1	30.1