Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091815\
Data File : BE090883.D
Acq On : 18 Sep 2015 13:26
Operator : UM/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Sep 18 15:58:07 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 15:49:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	27632	5.00	ng		0.00
7) Naphthalene-d8	10.30	136	123763	5.00	ng		0.00
13) Acenaphthene-d10	14.17	164	67860	5.00	ng		0.00
19) Phenanthrene-d10	16.91	188	170320	5.00	ng		0.00
26) Chrysene-d12	21.07	240	236484	5.00	ng		0.00
33) Perylene-d12	23.35	264	237149	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	1811	0.31	ng		0.00
5) Phenol-d6	6.79	99	2164	0.28	ng		0.03
8) Nitrobenzene-d5	8.60	82	300	0.04	ng		-0.10
14) 2,4,6-Tribromophenol	15.69	330	717	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.81	172	4944	0.26	ng		0.00
28) Terphenyl-d14	19.53	244	7773	0.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	1251	0.29	ng	#	91
3) n-Nitrosodimethylamine	3.45	42	1554	0.27	ng		89
6) bis(2-Chloroethyl)ether	6.99	93	2487	0.27	ng	#	79
9) Nitrobenzene	8.76	77	2108	0.23	ng		93
10) Naphthalene	10.35	128	7599	0.28	ng	#	94
11) Hexachlorobutadiene	10.64	225	1103	0.26	ng		99
12) 2-Methylnaphthalene	12.00	142	4341	0.29	ng		97
16) Acenaphthylene	13.89	152	30244	0.28	ng		99
17) Acenaphthene	14.23	154	4800	0.26	ng		88
18) Fluorene	15.22	166	6168	0.27	ng		98
20) 4-Bromophenyl-phenylether	16.13	248	1658	0.28	ng		92
21) Hexachlorobenzene	16.23	284	8260	0.26	ng		98
22) Pentachlorophenol	16.61	266	801	0.33	ng	#	85
23) Phenanthrene	16.94	178	11352	0.26	ng		99
24) Anthracene	17.05	178	9570	0.26	ng		99
25) Fluoranthene	18.96	202	13350	0.29	ng		99
27) Pyrene	19.32	202	14096	0.28	ng		100
29) Benzo(a)anthracene	21.05	228	15210	0.27	ng		99
30) Chrysene	21.10	228	17057	0.28	ng		99
31) Bis(2-ethylhexyl)phthalate	21.00	149	5742	0.32	ng		99
32) Indeno(1,2,3-cd)pyrene	25.72	276	16978	0.29	ng		99
34) Benzo(b)fluoranthene	22.66	252	13617	0.26	ng		96
35) Benzo(k)fluoranthene	22.71	252	16459	0.27	ng	#	95
36) Benzo(a)pyrene	23.25	252	13319	0.28	ng		92
37) Dibenzo(a,h)anthracene	25.74	278	13098	0.26	ng		95
38) Benzo(g,h,i)perylene	26.44	276	14725	0.27	ng		94

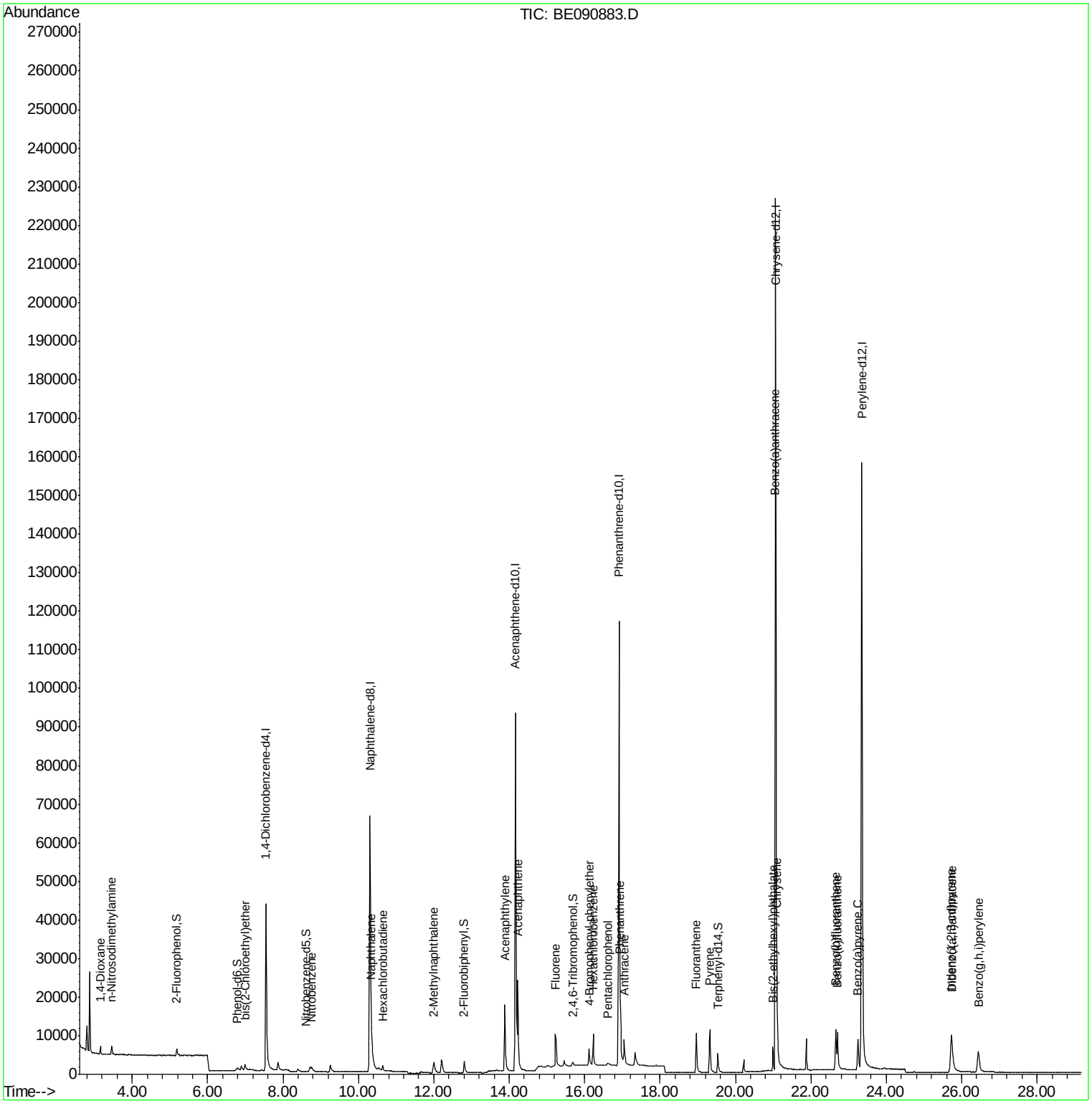
(#) = qualifier out of range (m) = manual integration (+) = signals summed

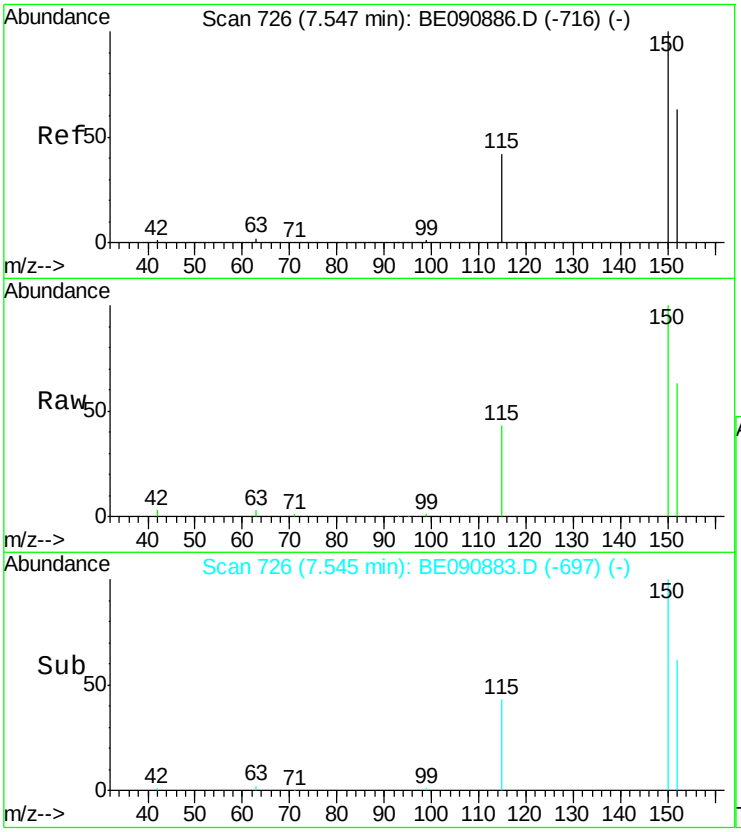
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091815\
Data File : BE090883.D
Acq On : 18 Sep 2015 13:26
Operator : UM/IZ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Sep 18 15:58:07 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 15:49:17 2015
Response via : Initial Calibration



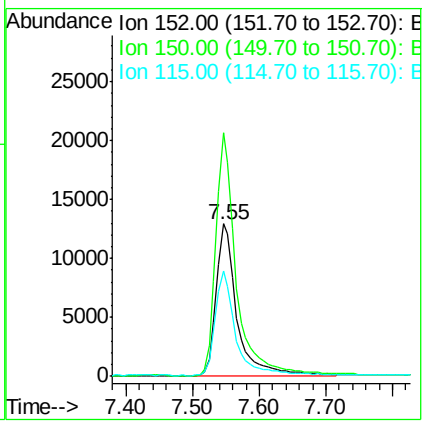


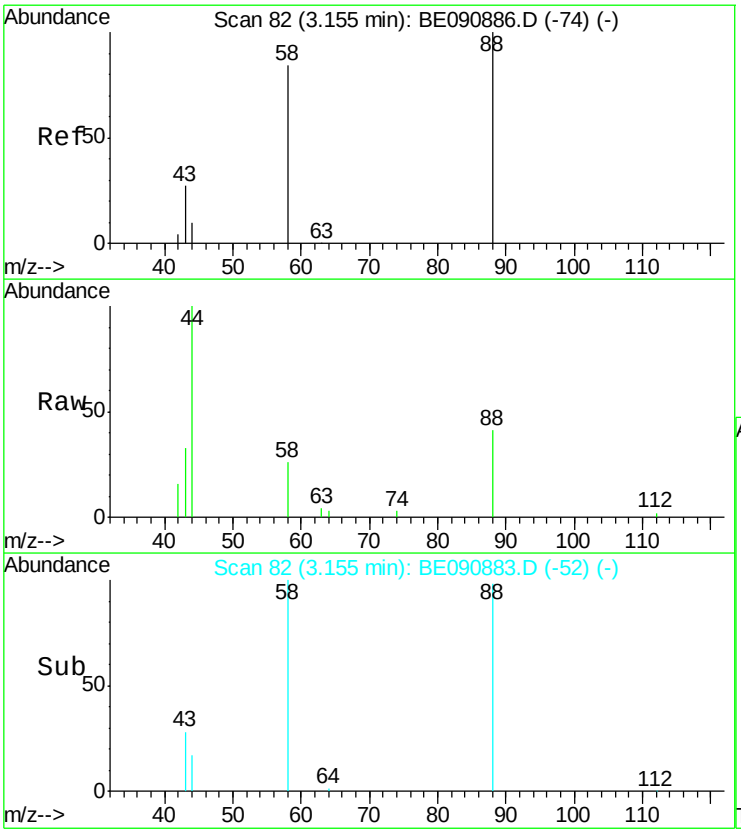
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 27632

Ion	Ratio	Lower	Upper
152	100		
150	159.8	122.2	183.4
115	69.4	51.0	76.4

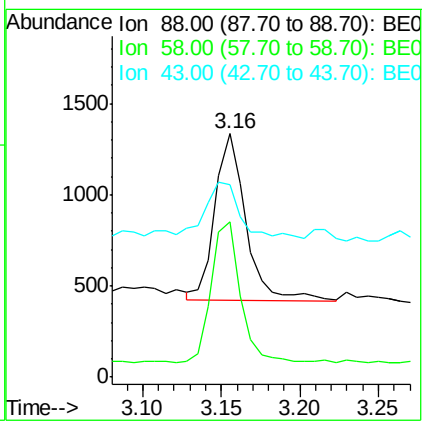


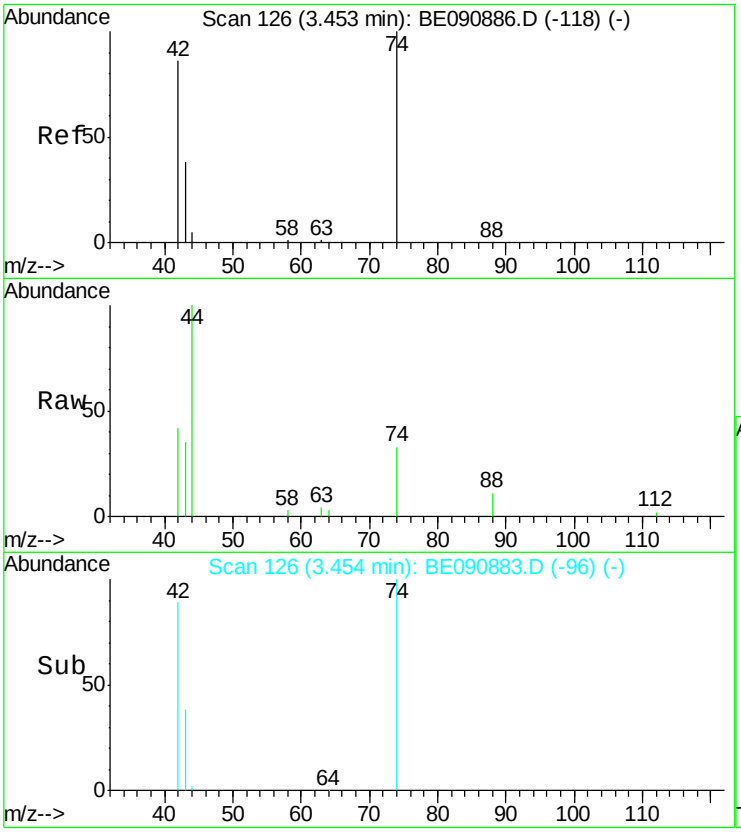


#2
1,4-Dioxane
Concen: 0.29 ng
RT: 3.16 min Scan# 82
Delta R.T. 0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Tgt Ion: 88 Resp: 1251

Ion	Ratio	Lower	Upper
88	100		
58	79.1	68.4	102.6
43	41.4	26.9	40.3#



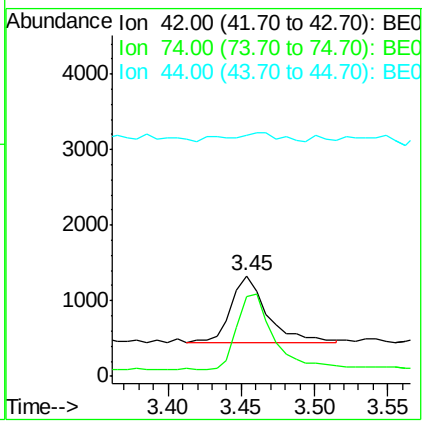


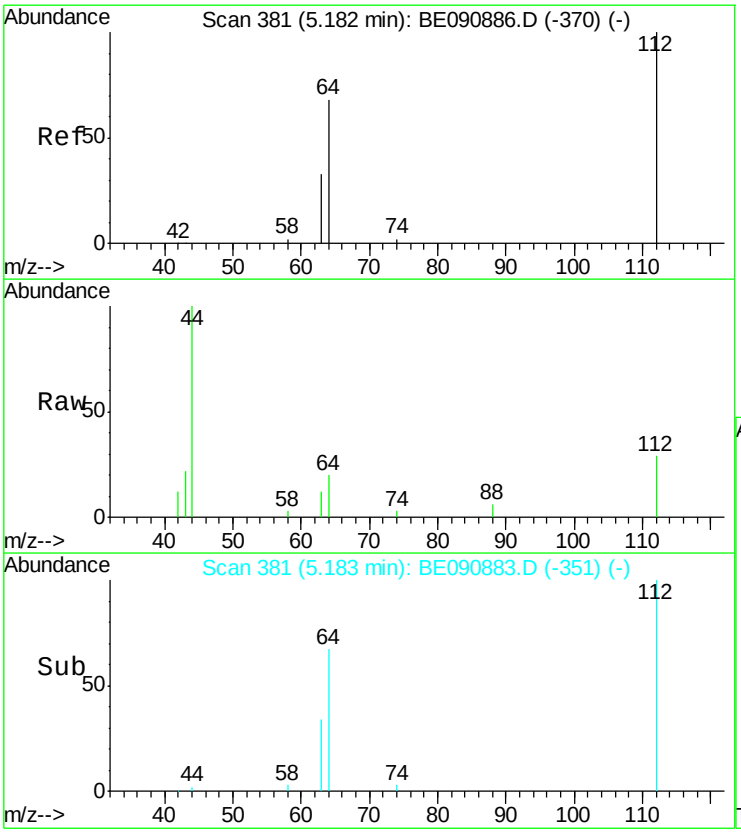
#3
n-Nitrosodimethylamine
Concen: 0.27 ng
RT: 3.45 min Scan# 126
Delta R.T. 0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 1554

Ion	Ratio	Lower	Upper
42	100		
74	116.9	83.7	125.5
44	12.2	10.0	15.0

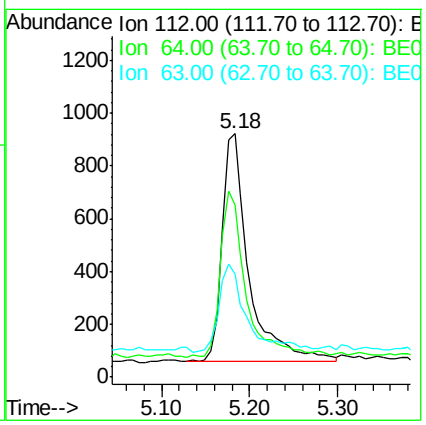


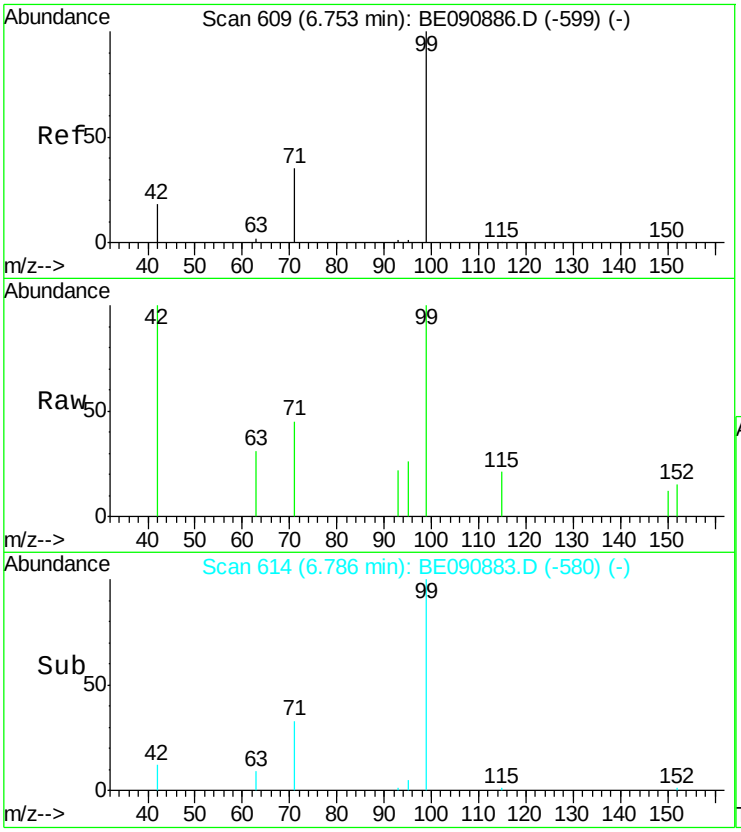


#4
2-Fluorophenol
Concen: 0.31 ng
RT: 5.18 min Scan# 381
Delta R.T. 0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Tgt Ion:112 Resp: 1811

Ion	Ratio	Lower	Upper
112	100		
64	71.5	57.3	85.9
63	41.2	29.2	43.8



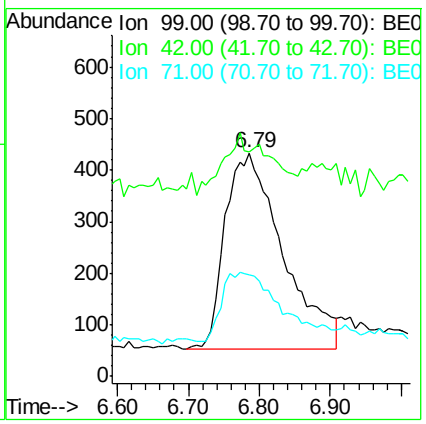


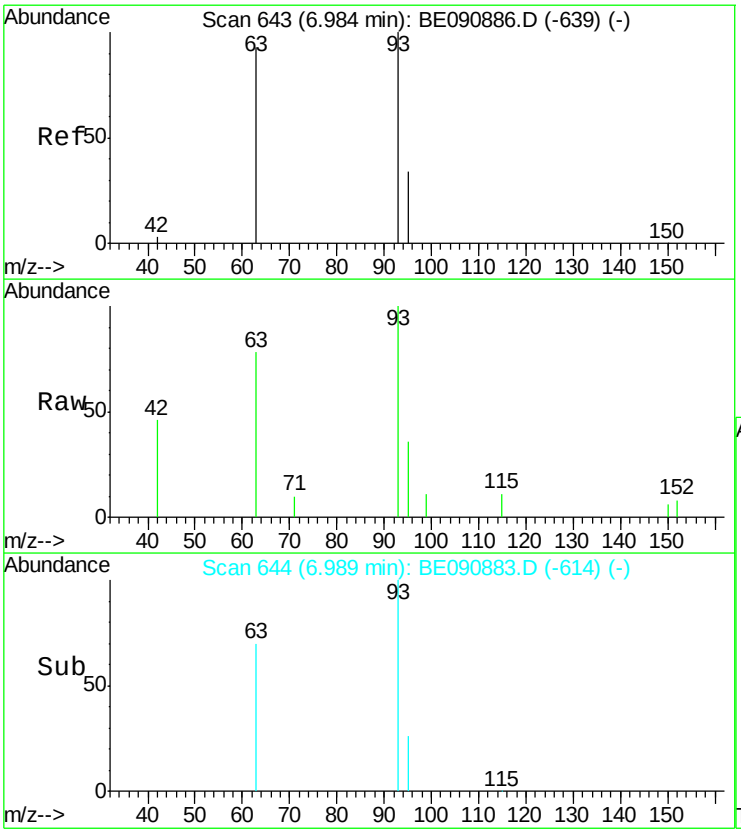
#5
Phenol-d6
Concen: 0.28 ng
RT: 6.79 min Scan# 614
Delta R.T. 0.03 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 2164

Ion	Ratio	Lower	Upper
99	100		
42	9.3	16.8	25.2#
71	36.8	28.3	42.5

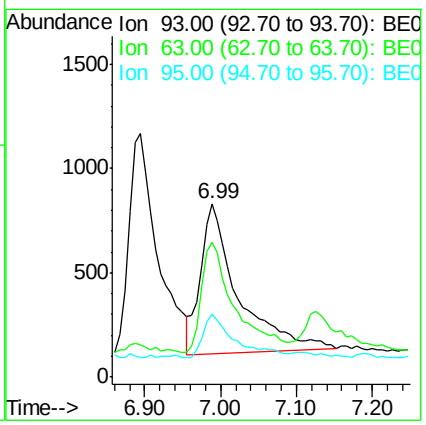


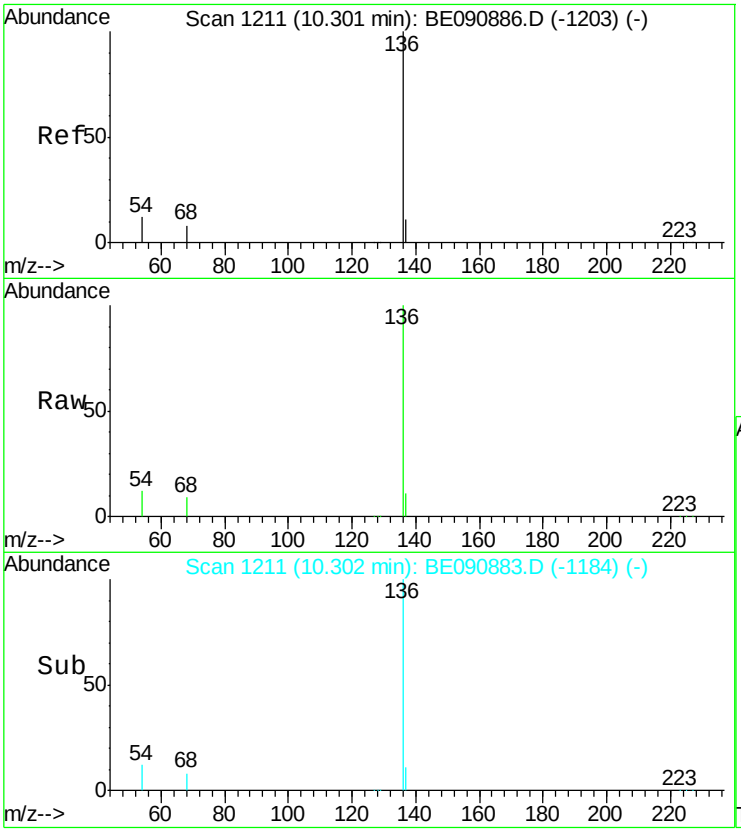


#6
bis(2-Chloroethyl)ether
Concen: 0.27 ng
RT: 6.99 min Scan# 644
Delta R.T. 0.01 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Tgt Ion: 93 Resp: 2487

Ion	Ratio	Lower	Upper
93	100		
63	65.1	68.5	102.7#
95	24.1	26.9	40.3#



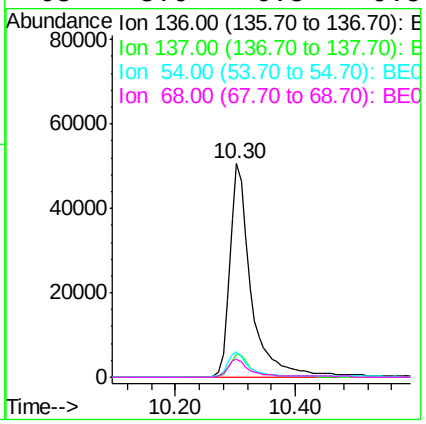


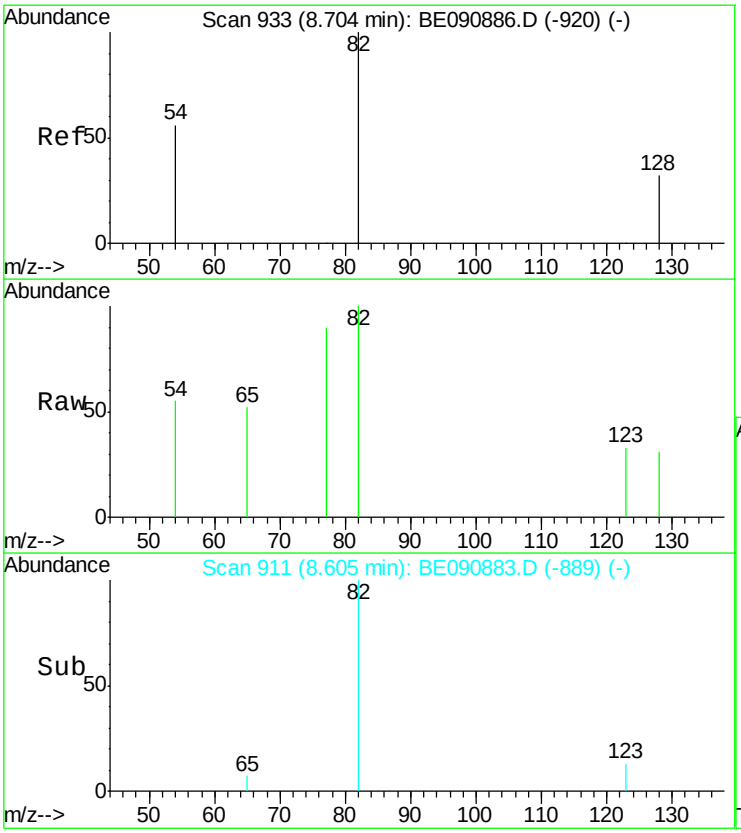
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.30 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 123763

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	12.2	9.0	13.6
68	8.6	6.3	9.5

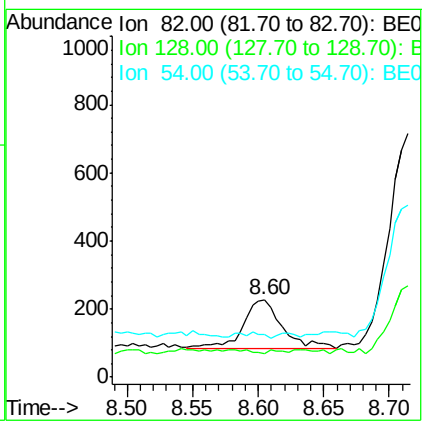


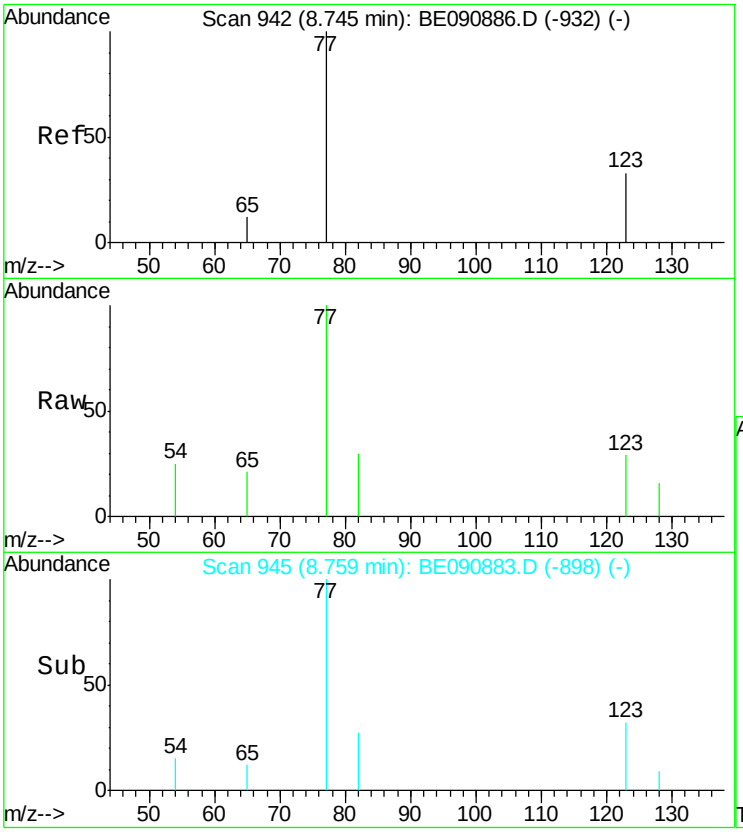


#8
Nitrobenzene-d5
Concen: 0.04 ng
RT: 8.60 min Scan# 911
Delta R.T. -0.10 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Tgt Ion: 82 Resp: 300

Ion	Ratio	Lower	Upper
82	100		
128	31.1	25.0	37.4
54	54.8	46.3	69.5



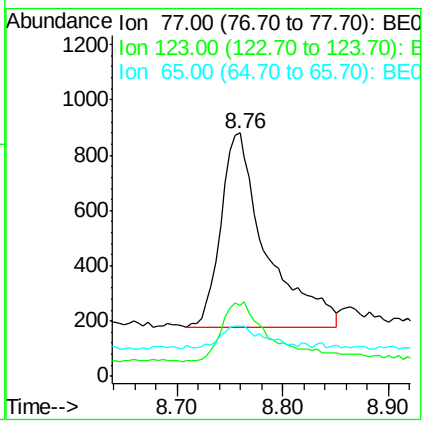


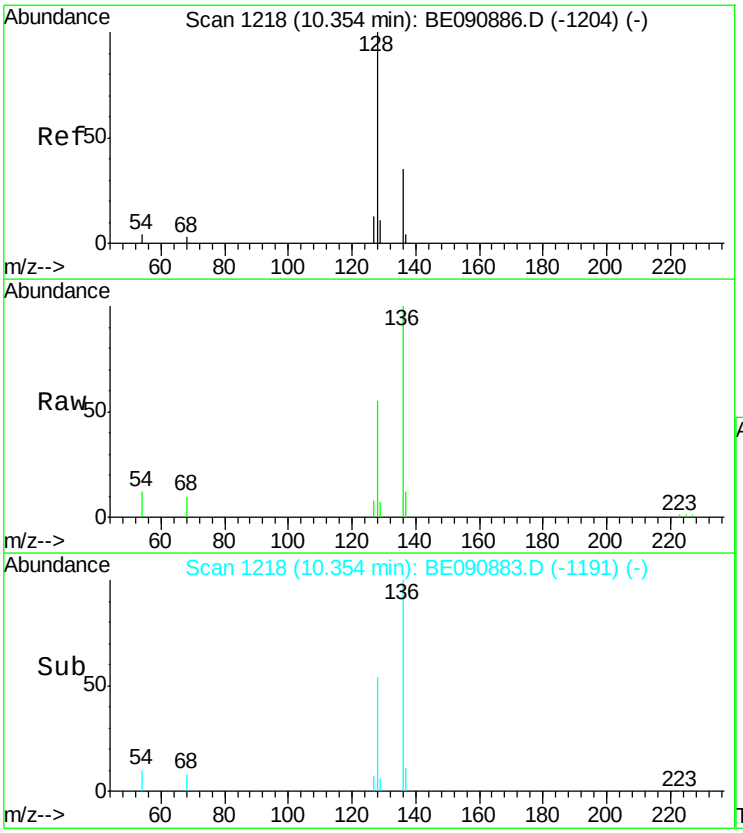
#9
Nitrobenzene
Concen: 0.23 ng
RT: 8.76 min Scan# 945
Delta R.T. 0.01 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 77 Resp: 2108

Ion	Ratio	Lower	Upper
77	100		
123	36.9	25.1	37.7
65	12.0	9.9	14.9

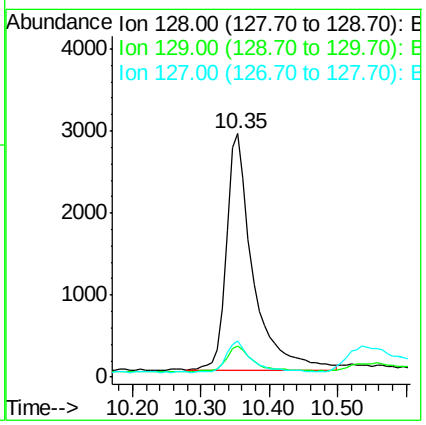


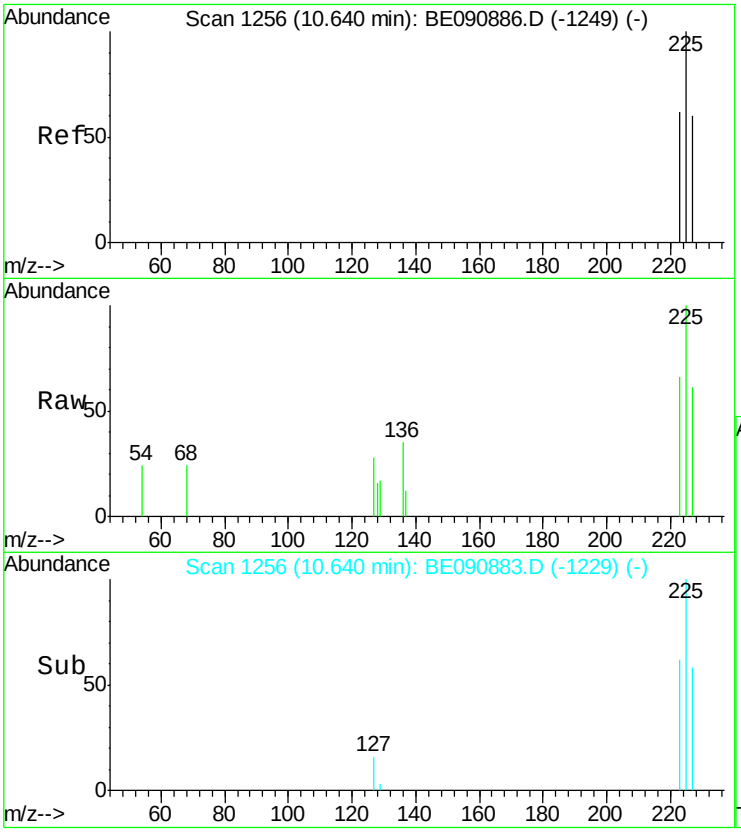


#10
Naphthalene
Concen: 0.28 ng
RT: 10.35 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Tgt Ion:128 Resp: 7599

Ion	Ratio	Lower	Upper
128	100		
129	12.6	8.4	12.6#
127	15.0	9.9	14.9#



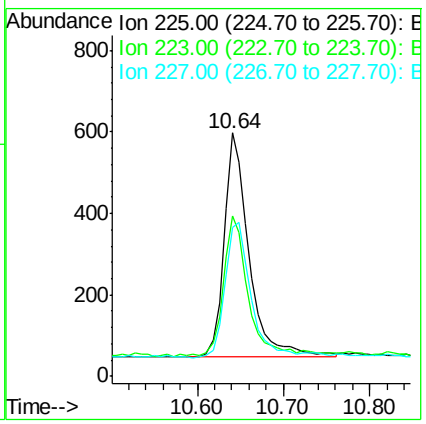


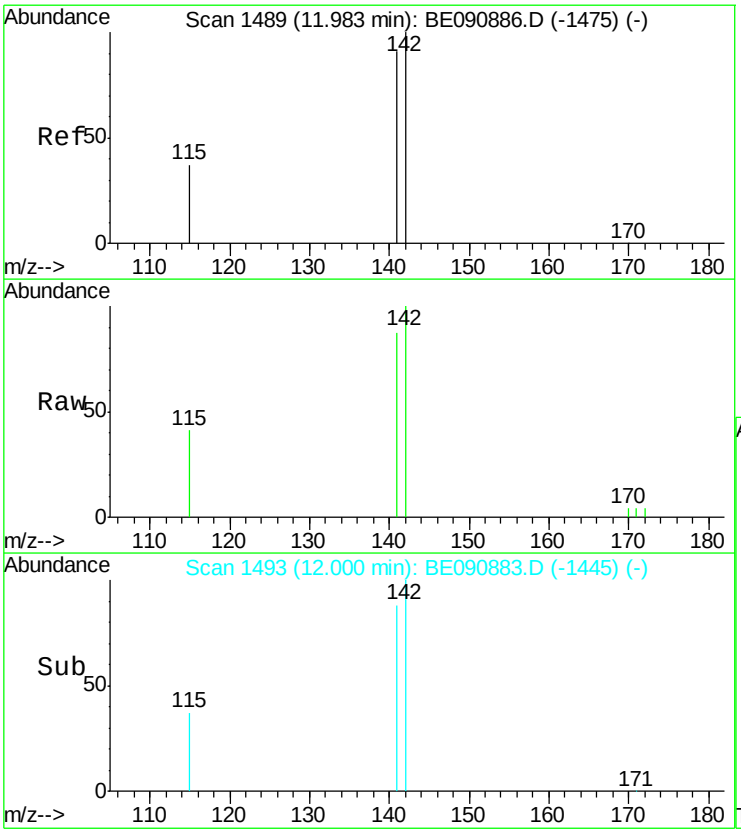
#11
Hexachlorobutadiene
Concen: 0.26 ng
RT: 10.64 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:225 Resp: 1103

Ion	Ratio	Lower	Upper
225	100		
223	65.1	50.6	76.0
227	63.4	51.0	76.6

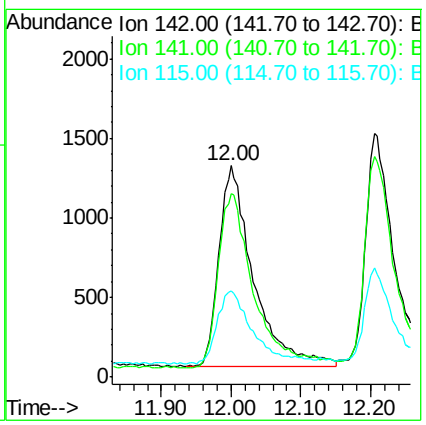


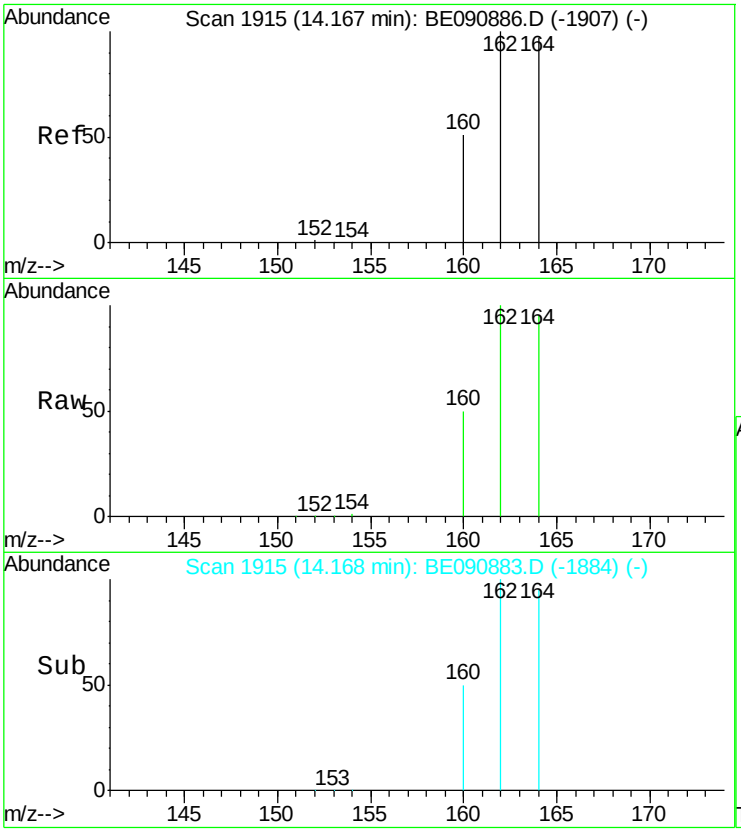


#12
2-Methylnaphthalene
Concen: 0.29 ng
RT: 12.00 min Scan# 1493
Delta R.T. 0.02 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Tgt Ion:142 Resp: 4341

Ion	Ratio	Lower	Upper
142	100		
141	86.6	71.4	107.2
115	40.7	31.0	46.4



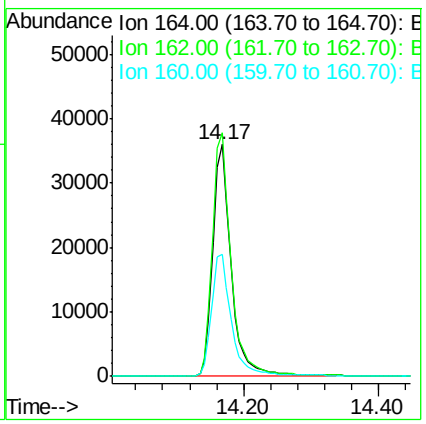


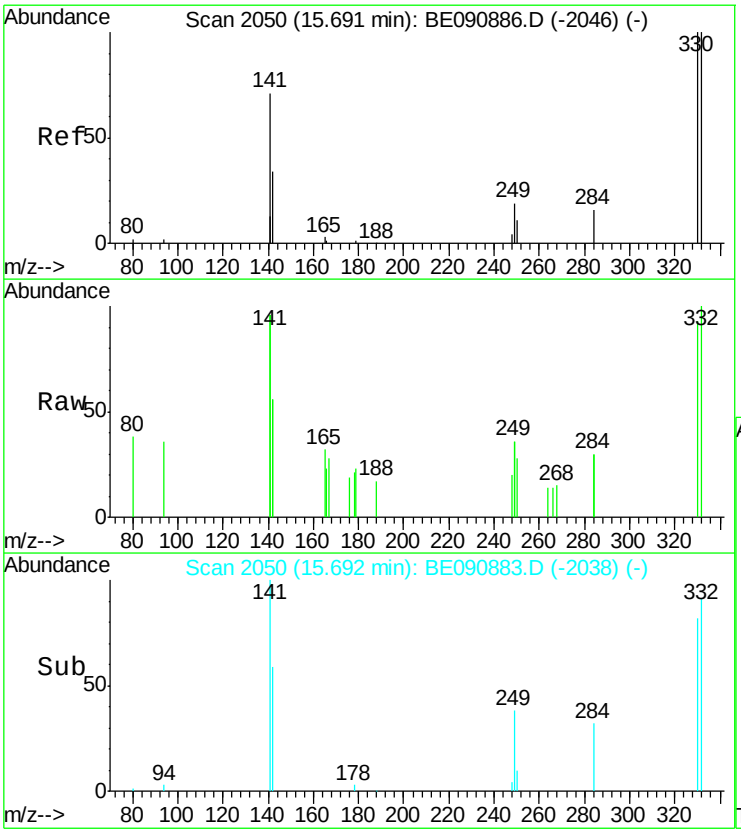
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 67860

Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.8	130.2
160	52.7	53.9	80.9#

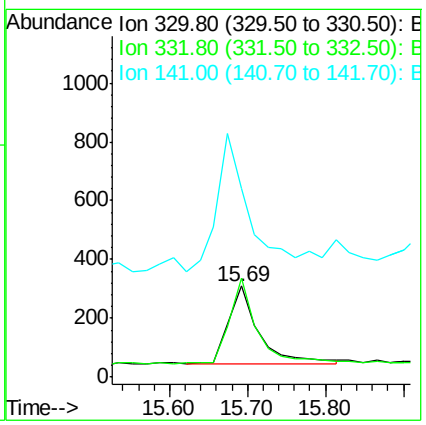


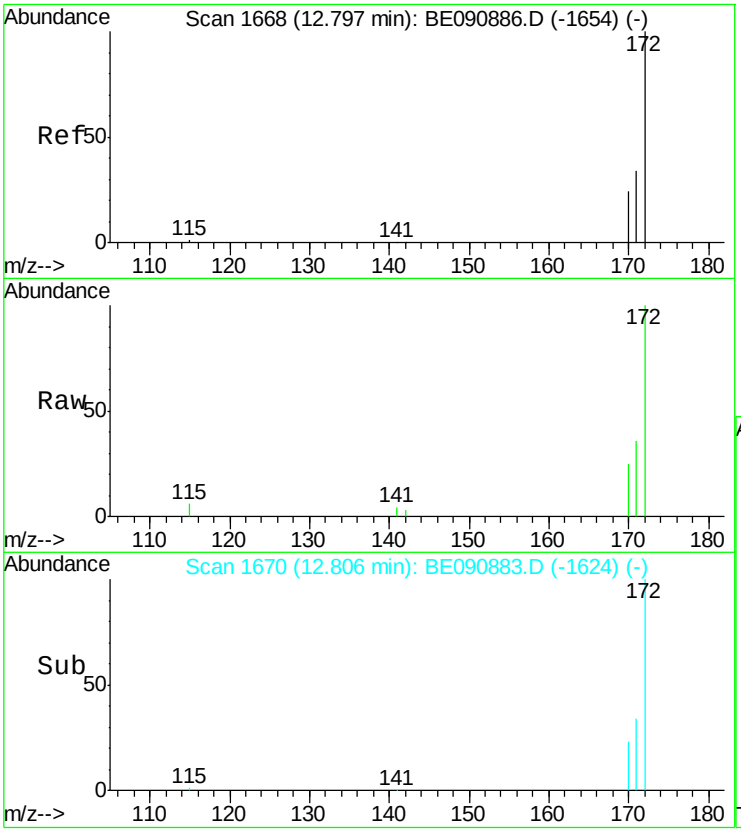


#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.69 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Tgt Ion:330 Resp: 717

Ion	Ratio	Lower	Upper
330	100		
332	102.1	74.9	112.3
141	195.1	145.2	217.8



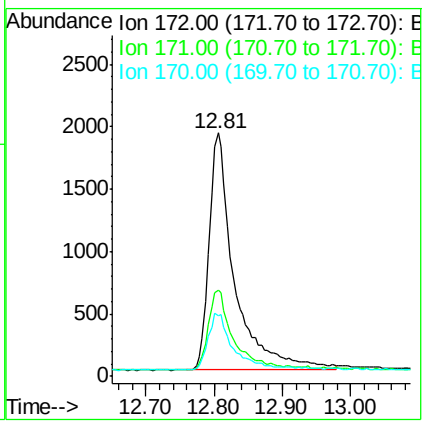


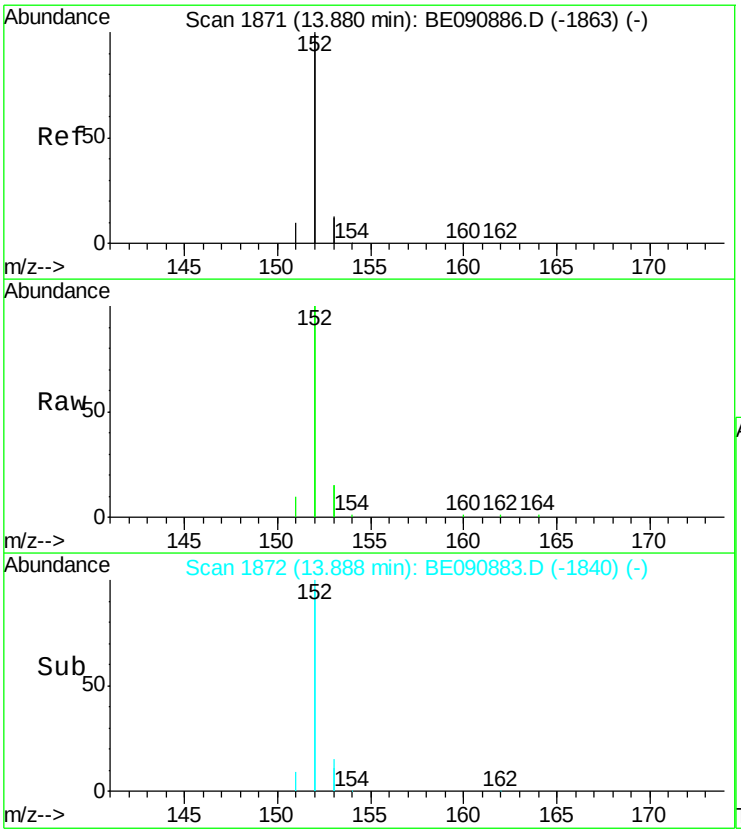
#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.81 min Scan# 1670
Delta R.T. 0.01 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 4944

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.8
170	25.1	19.8	29.6

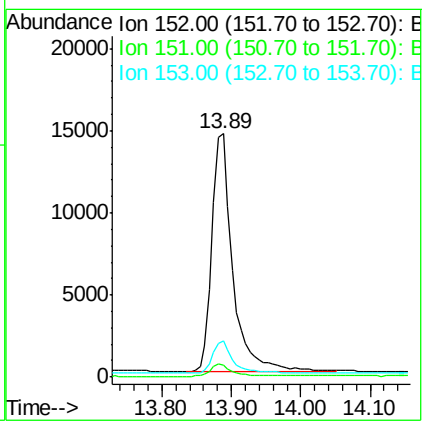


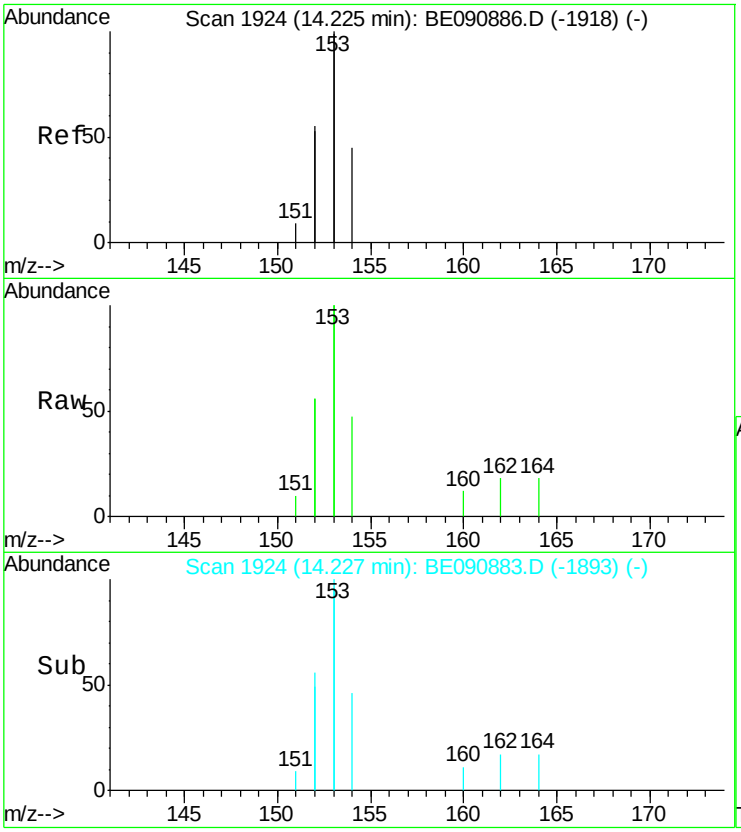


#16
Acenaphthylene
Concen: 0.28 ng
RT: 13.89 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Tgt Ion:152 Resp: 30244

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	12.6	10.3	15.5



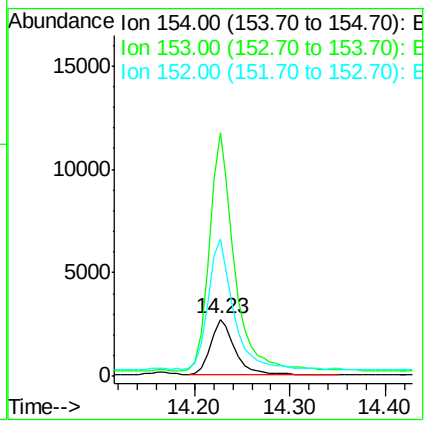


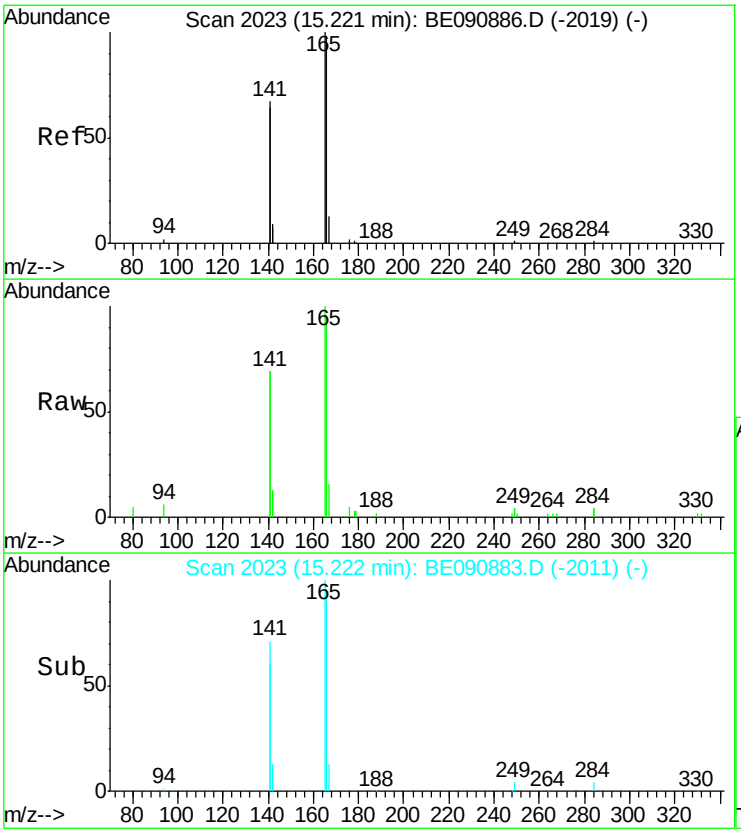
#17
Acenaphthene
Concen: 0.26 ng
RT: 14.23 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 4800

Ion	Ratio	Lower	Upper
154	100		
153	433.6	354.5	531.7
152	238.8	227.8	341.6

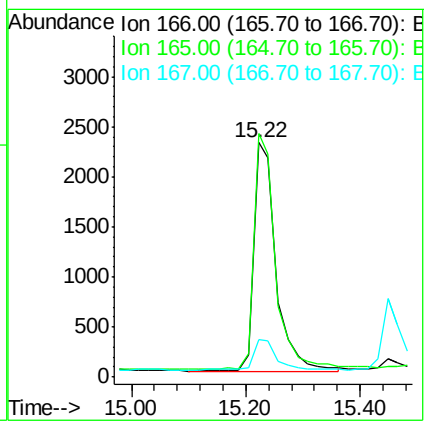


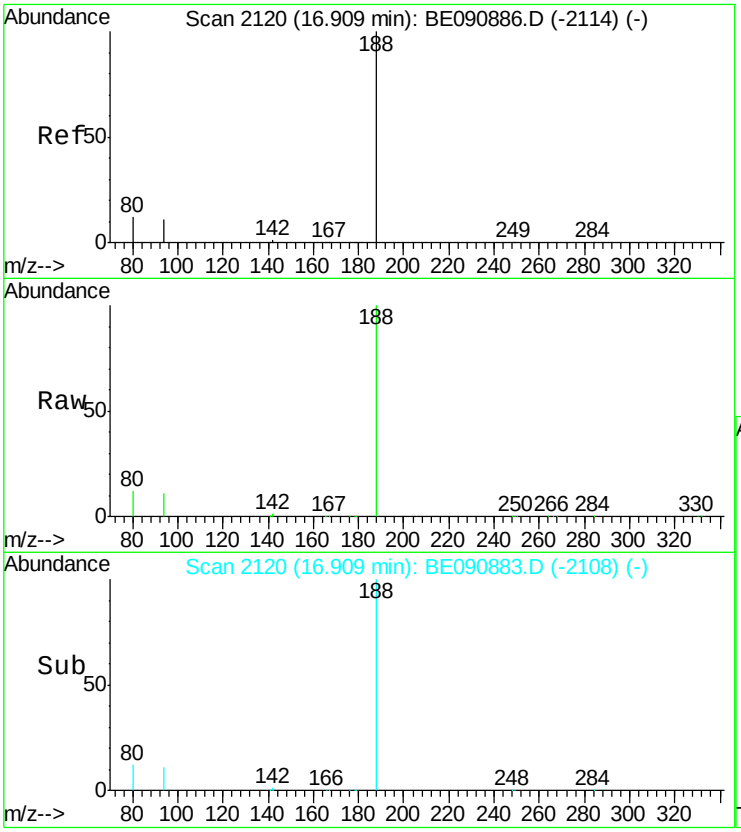


#18
Fluorene
Concen: 0.27 ng
RT: 15.22 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Tgt Ion:166 Resp: 6168

Ion	Ratio	Lower	Upper
166	100		
165	100.9	82.7	124.1
167	14.0	10.7	16.1



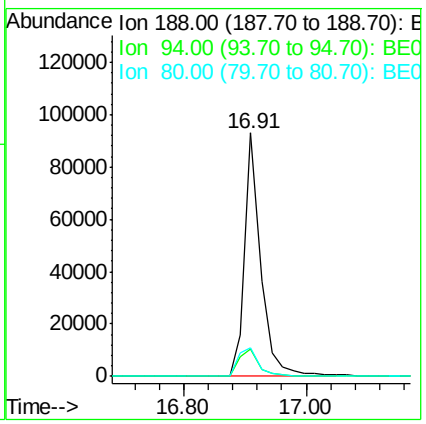


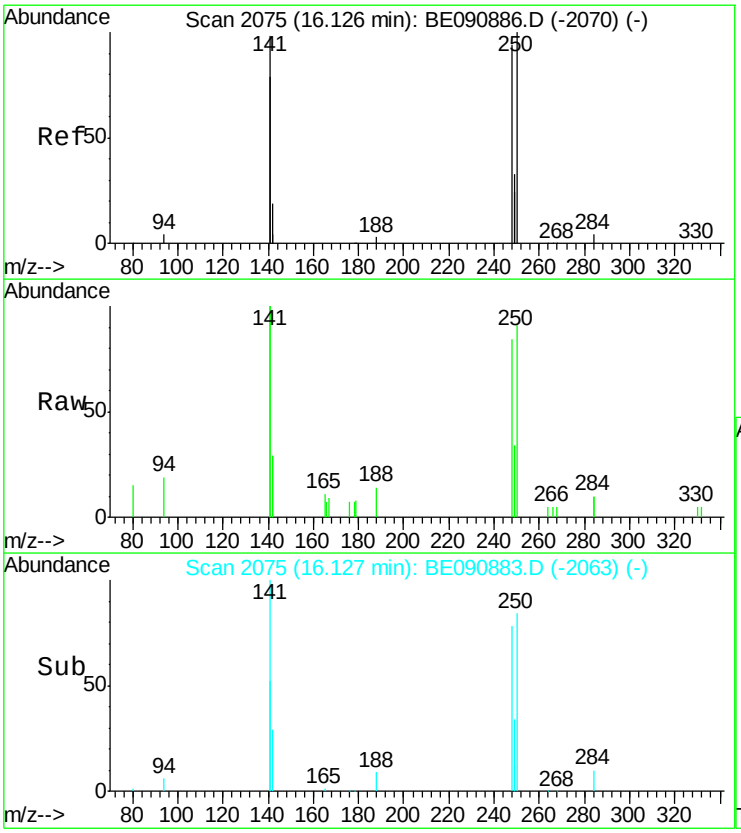
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 170320

Ion	Ratio	Lower	Upper
188	100		
94	11.0	10.3	15.5
80	11.7	11.0	16.6

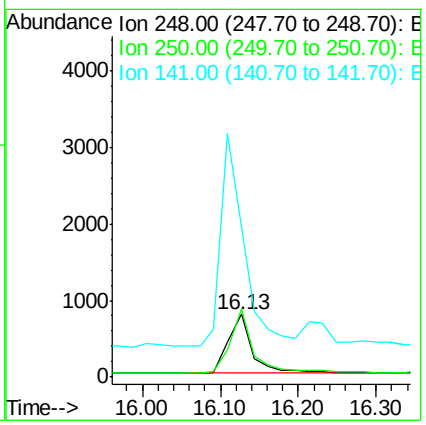


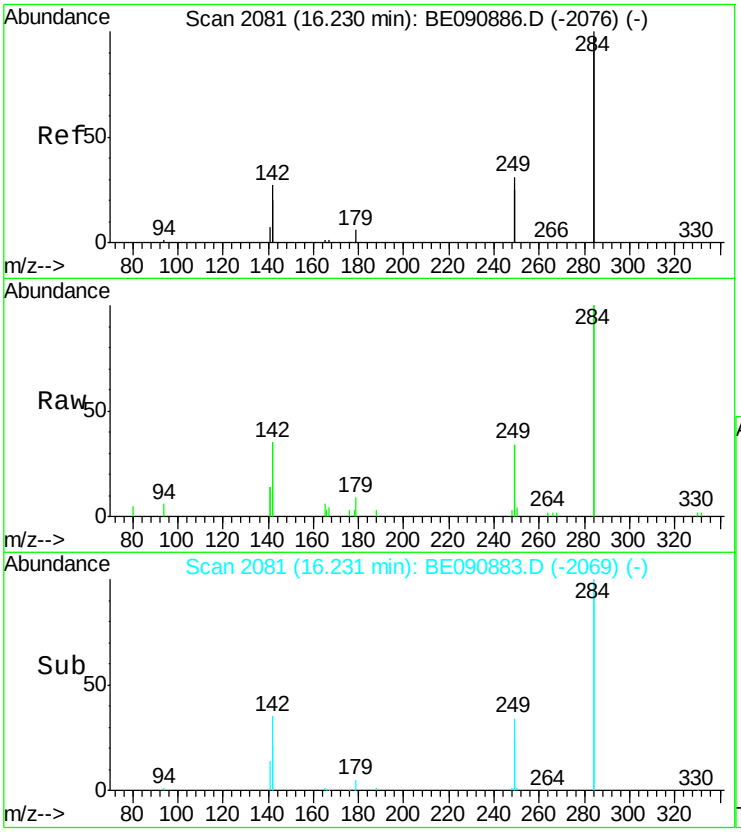


#20
4-Bromophenyl-phenylether
Concen: 0.28 ng
RT: 16.13 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Tgt Ion:248 Resp: 1658

Ion	Ratio	Lower	Upper
248	100		
250	102.1	76.7	115.1
141	345.7	292.6	439.0



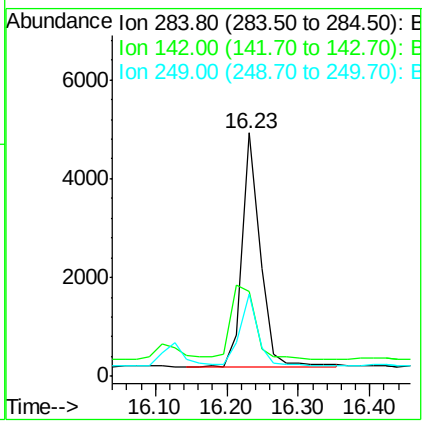


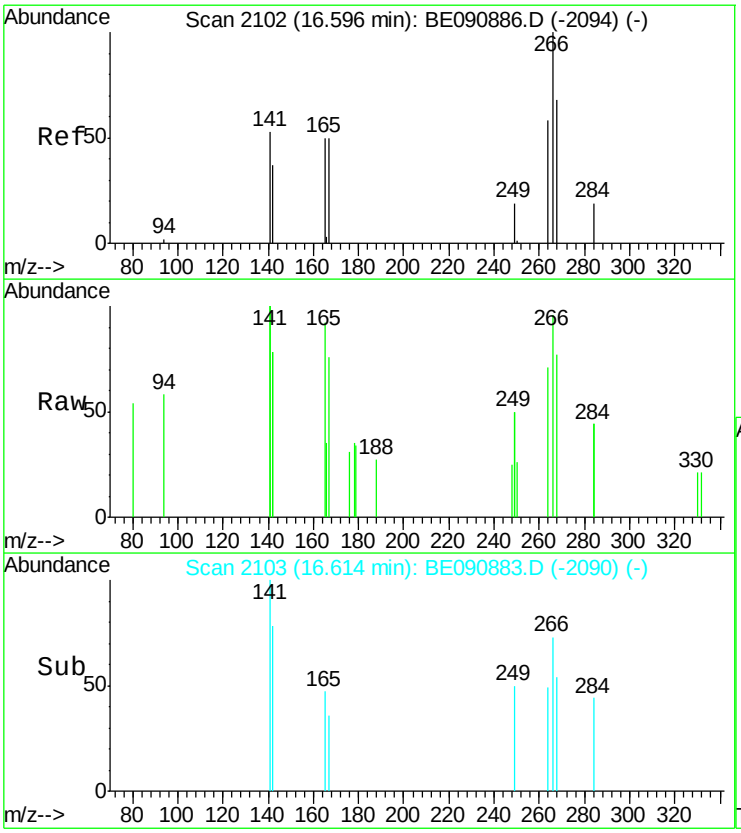
#21
Hexachlorobenzene
Concen: 0.26 ng
RT: 16.23 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 8260

Ion	Ratio	Lower	Upper
284	100		
142	42.4	35.0	52.4
249	30.6	25.5	38.3

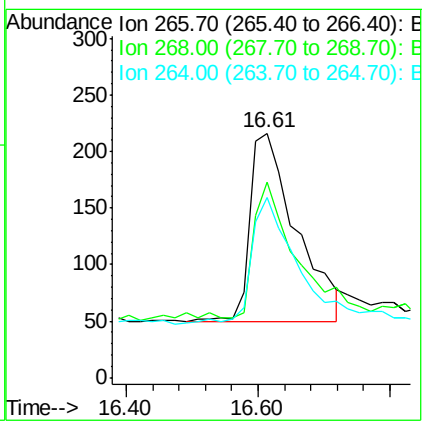


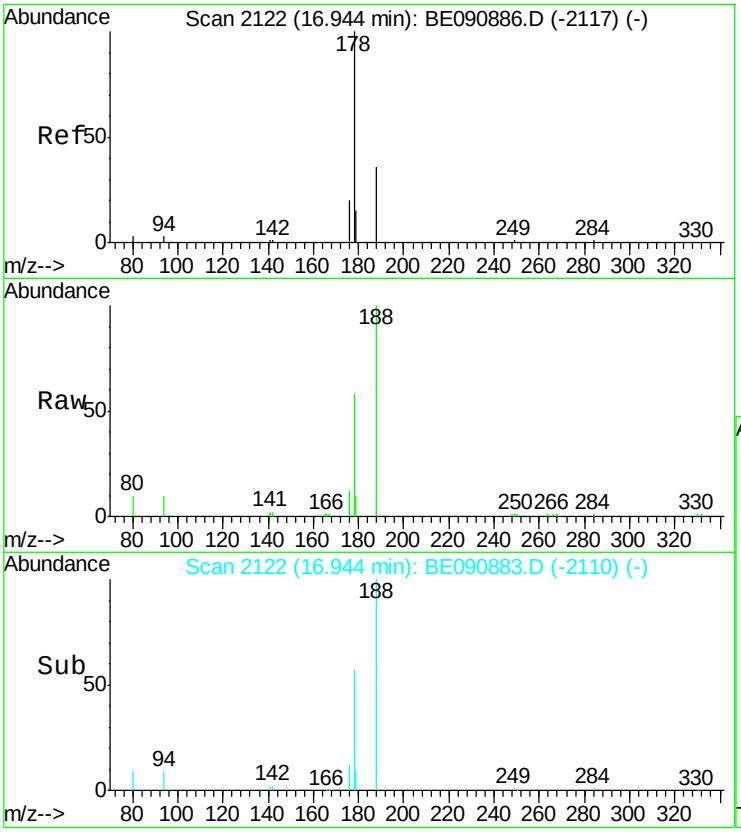


#22
Pentachlorophenol
Concen: 0.33 ng
RT: 16.61 min Scan# 2103
Delta R.T. 0.02 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Tgt Ion:266 Resp: 801

Ion	Ratio	Lower	Upper
266	100		
268	80.1	49.6	74.4#
264	73.6	53.9	80.9



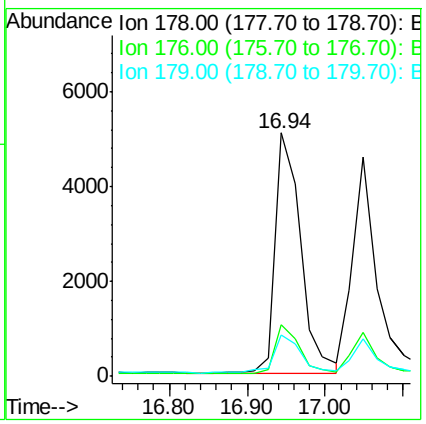


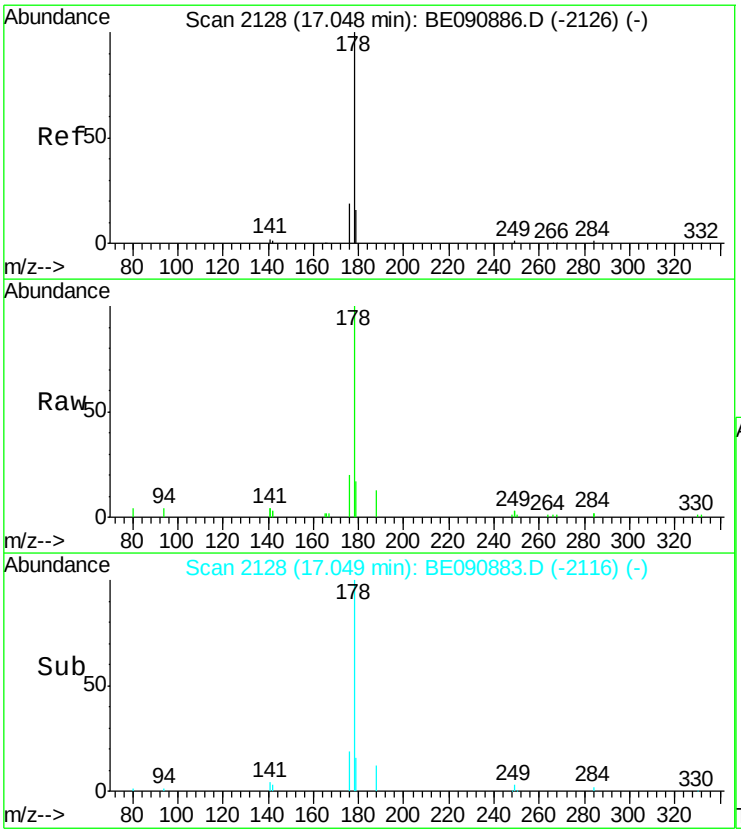
#23
Phenanthrene
Concen: 0.26 ng
RT: 16.94 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 11352

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	16.9	12.8	19.2

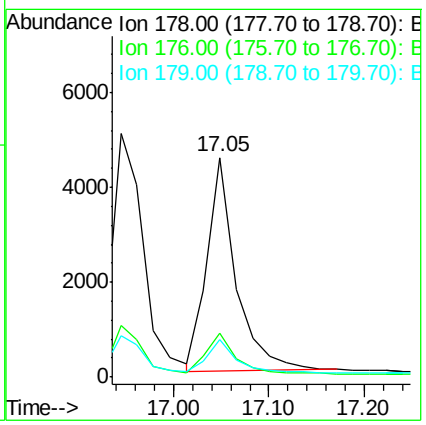


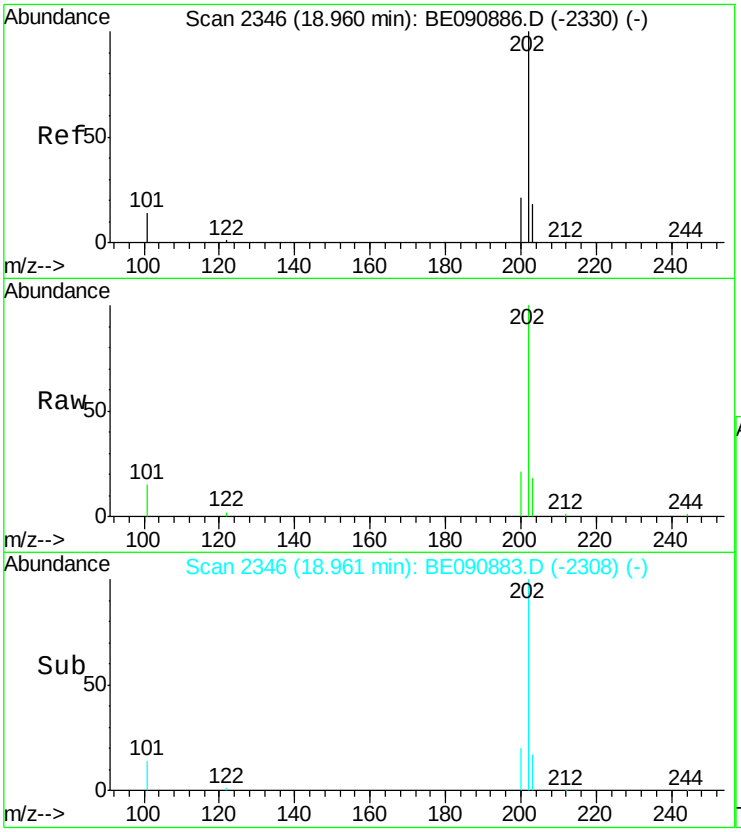


#24
Anthracene
Concen: 0.26 ng
RT: 17.05 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Tgt Ion:178 Resp: 9570

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.6
179	15.4	12.3	18.5



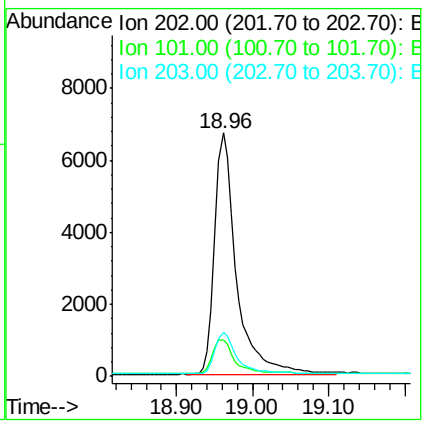


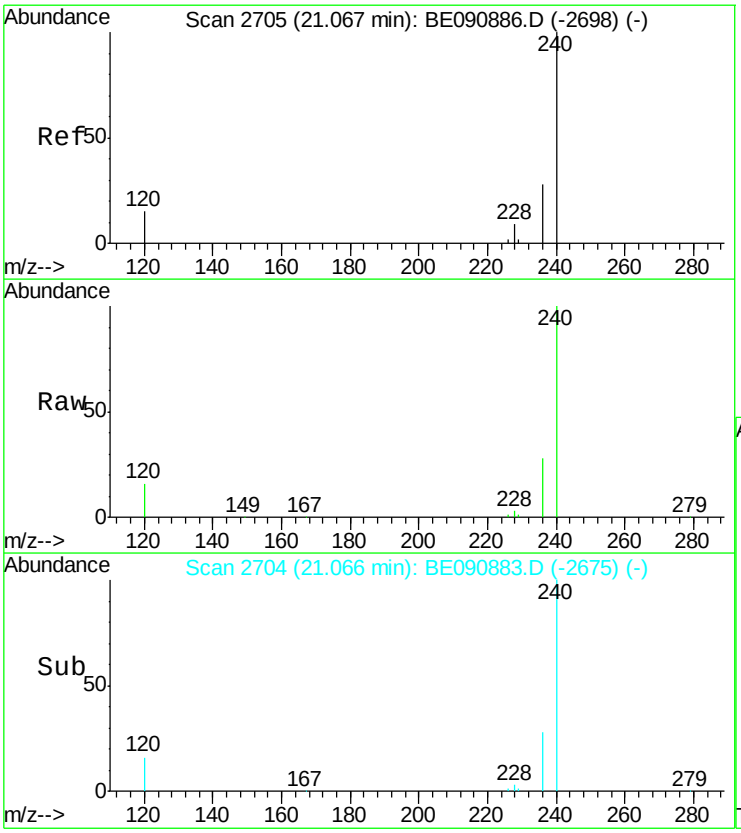
#25
Fluoranthene
Concen: 0.29 ng
RT: 18.96 min Scan# 2346
Delta R.T. 0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 13350

Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.0	16.6
203	17.6	13.9	20.9

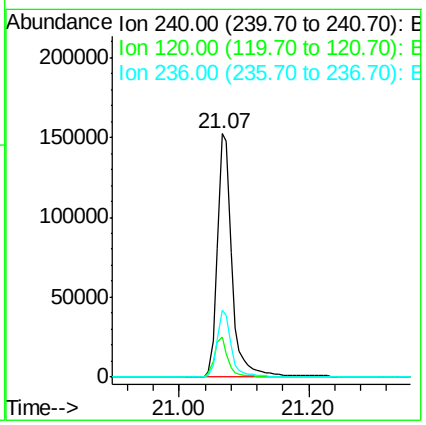


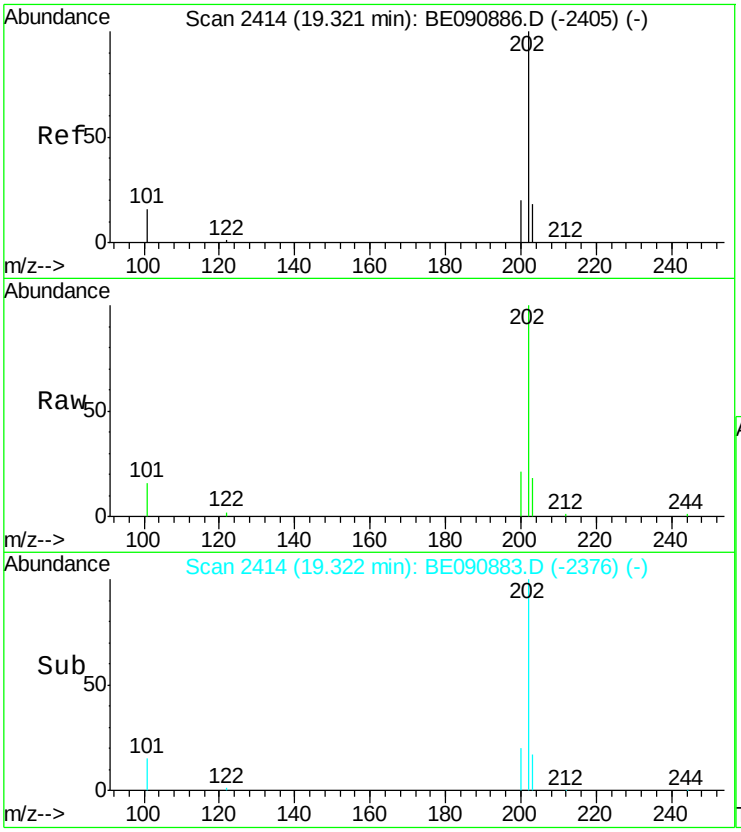


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2704
Delta R.T. -0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Tgt Ion:240 Resp: 236484

Ion	Ratio	Lower	Upper
240	100		
120	16.2	10.1	15.1#
236	27.7	21.9	32.9



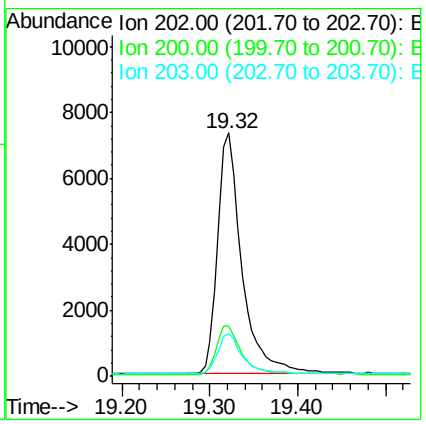


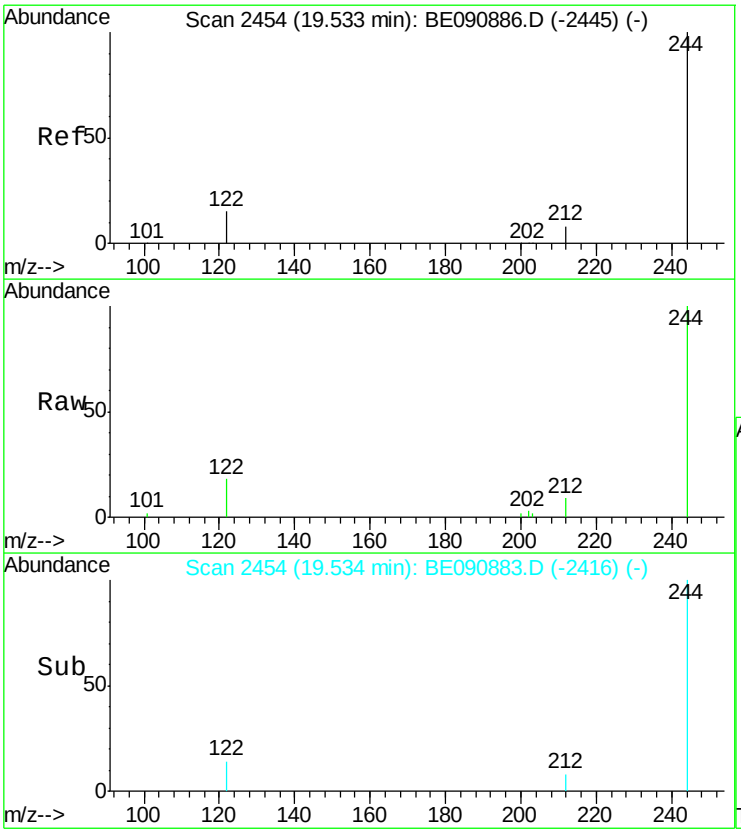
#27
Pyrene
Concen: 0.28 ng
RT: 19.32 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 14096

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.2	13.8	20.6

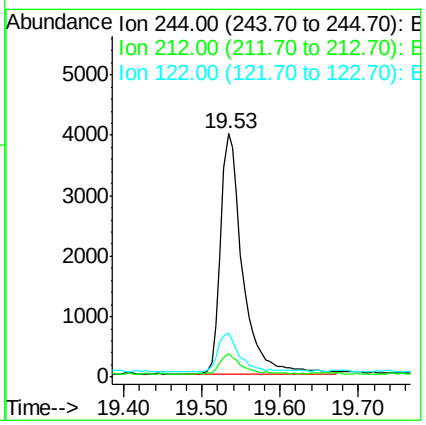


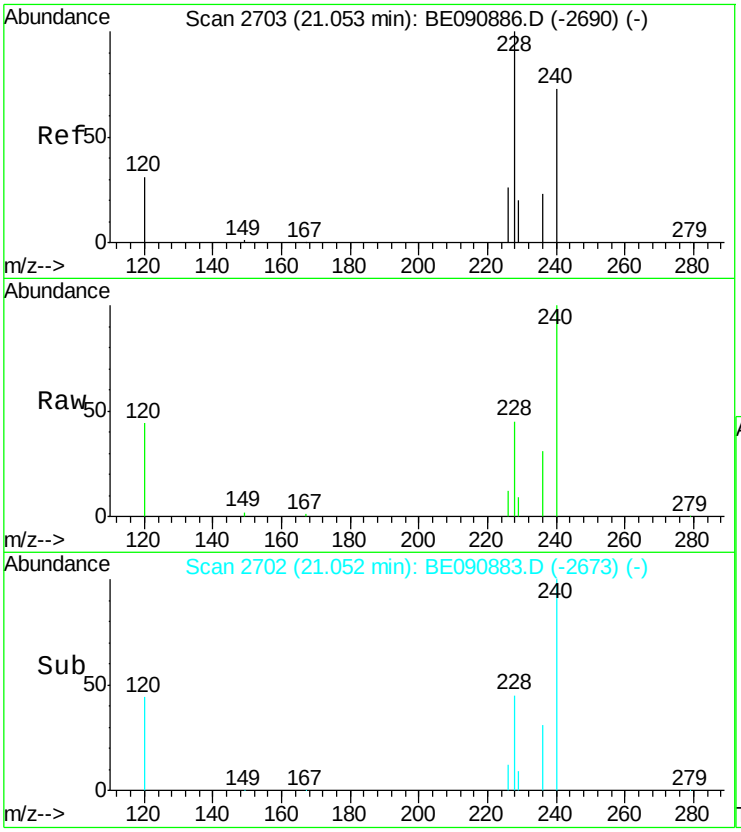


#28
Terphenyl-d14
Concen: 0.28 ng
RT: 19.53 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Tgt Ion:244 Resp: 7773

Ion	Ratio	Lower	Upper
244	100		
212	9.5	6.9	10.3
122	18.1	12.9	19.3



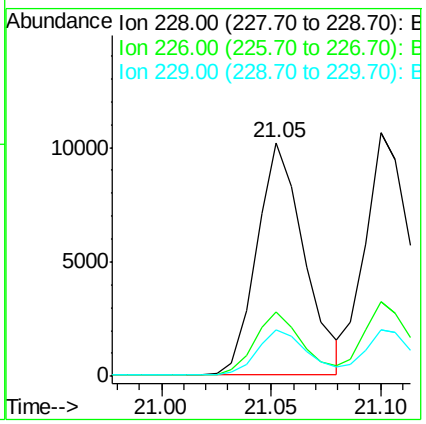


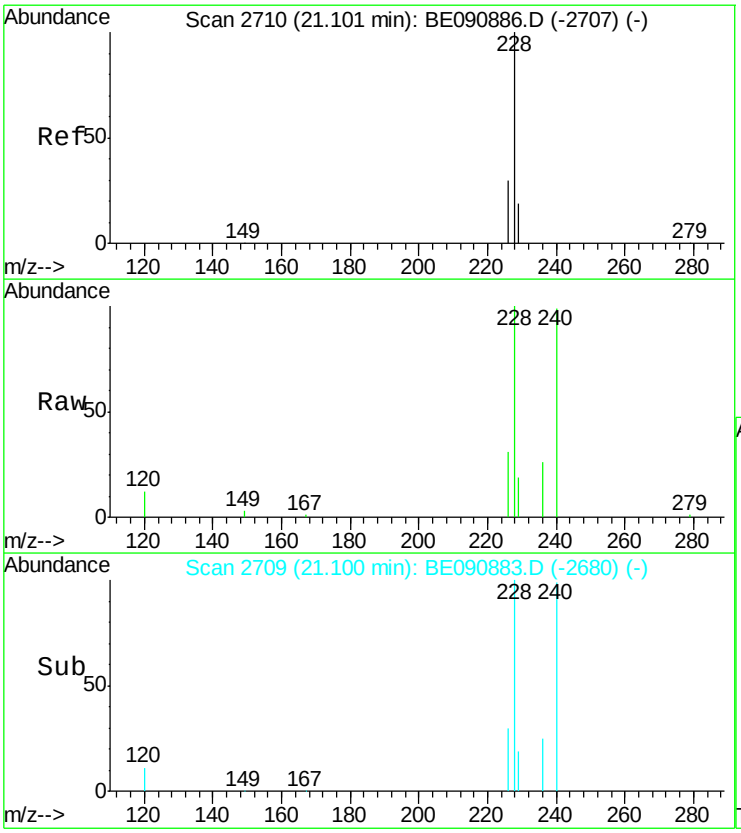
#29
Benzo(a)anthracene
Concen: 0.27 ng
RT: 21.05 min Scan# 2702
Delta R.T. -0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 15210

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.6	32.4
229	19.7	15.9	23.9

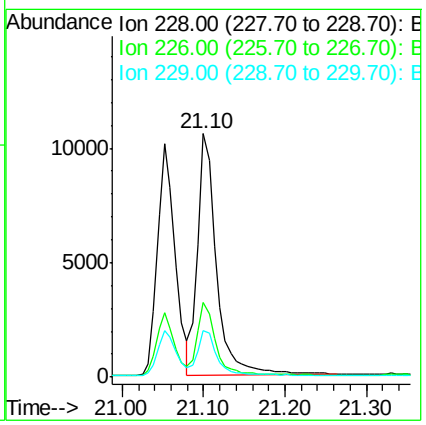


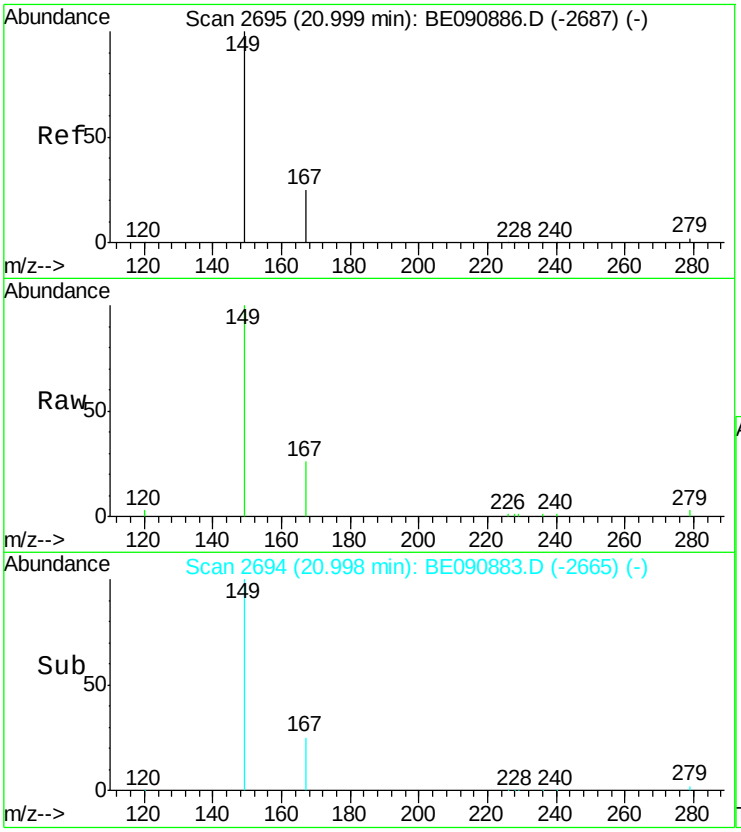


#30
Chrysene
Concen: 0.28 ng
RT: 21.10 min Scan# 2709
Delta R.T. -0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Tgt Ion:228 Resp: 17057

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	19.4	15.3	22.9



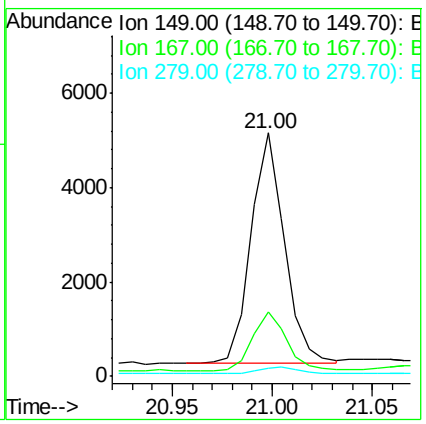


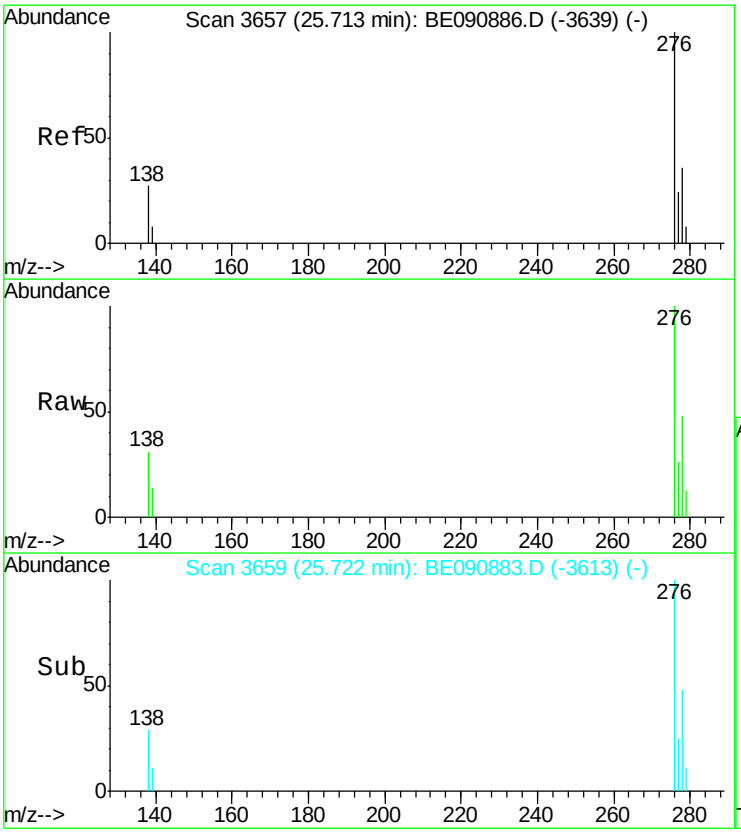
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.32 ng
RT: 21.00 min Scan# 2694
Delta R.T. -0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:149 Resp: 5742

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.1	30.1
279	3.4	2.3	3.5

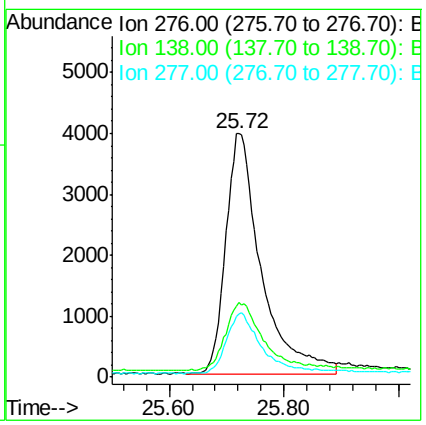


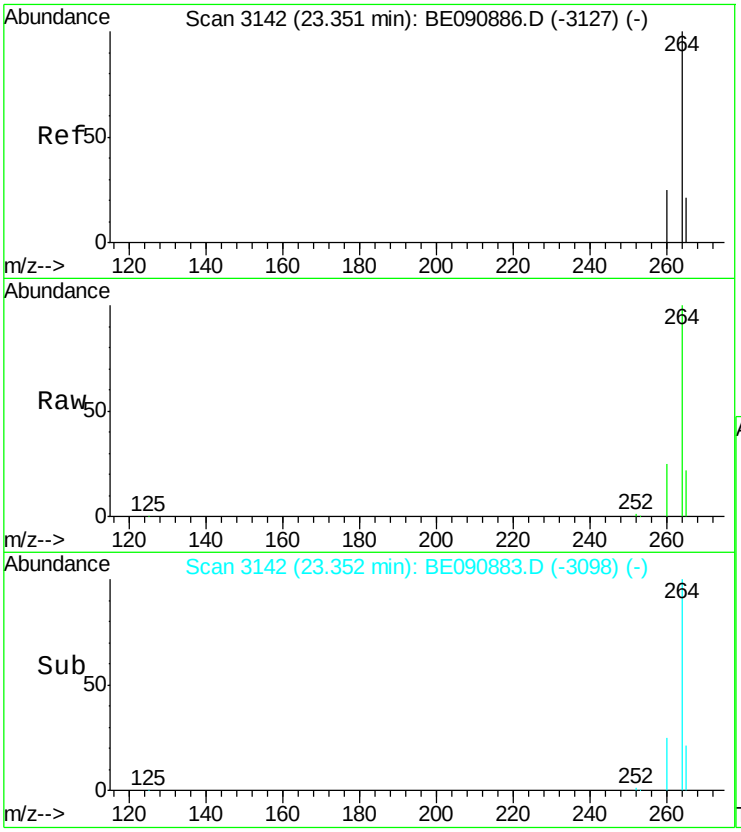


#32
Indeno(1,2,3-cd)pyrene
Concen: 0.29 ng
RT: 25.72 min Scan# 3659
Delta R.T. 0.01 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Tgt Ion:276 Resp: 16978

Ion	Ratio	Lower	Upper
276	100		
138	29.0	23.3	34.9
277	23.7	19.8	29.6



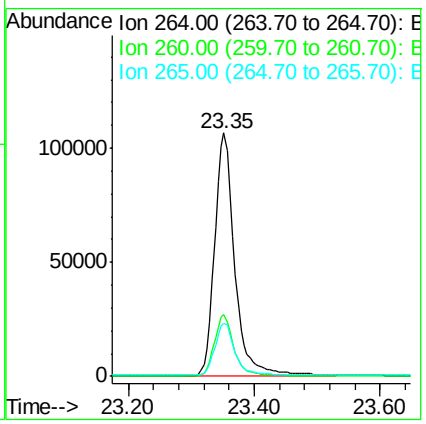


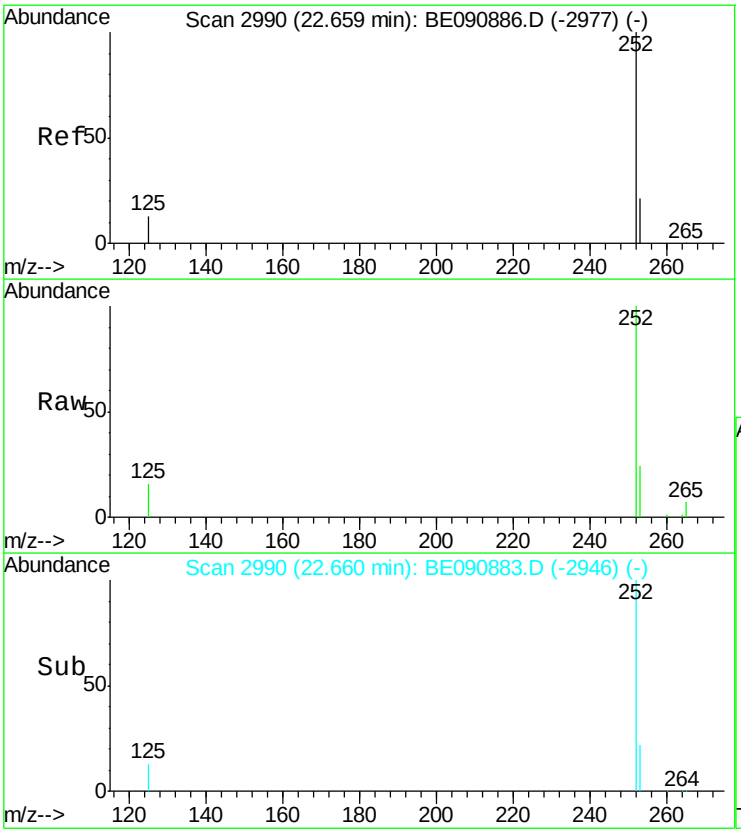
#33
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 237149

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.7	29.5
265	21.7	17.5	26.3

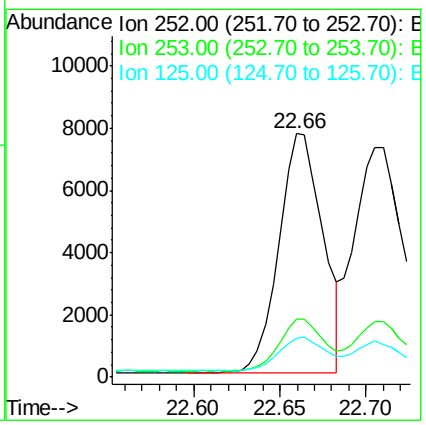


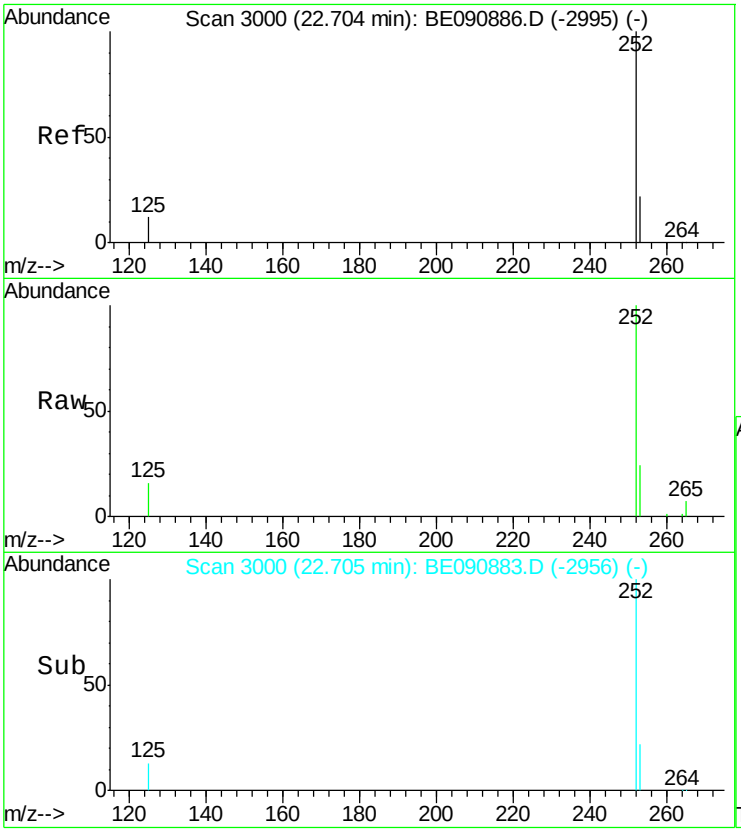


#34
Benzo(b)fluoranthene
Concen: 0.26 ng
RT: 22.66 min Scan# 2990
Delta R.T. 0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Tgt Ion:252 Resp: 13617

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	15.9	10.6	16.0



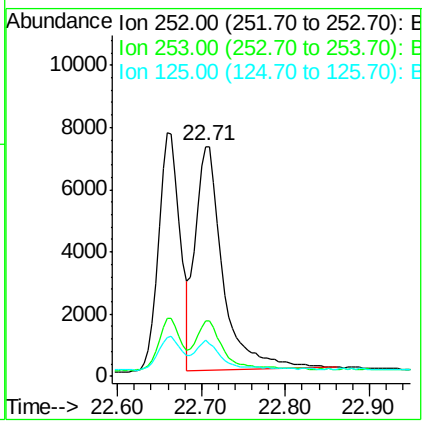


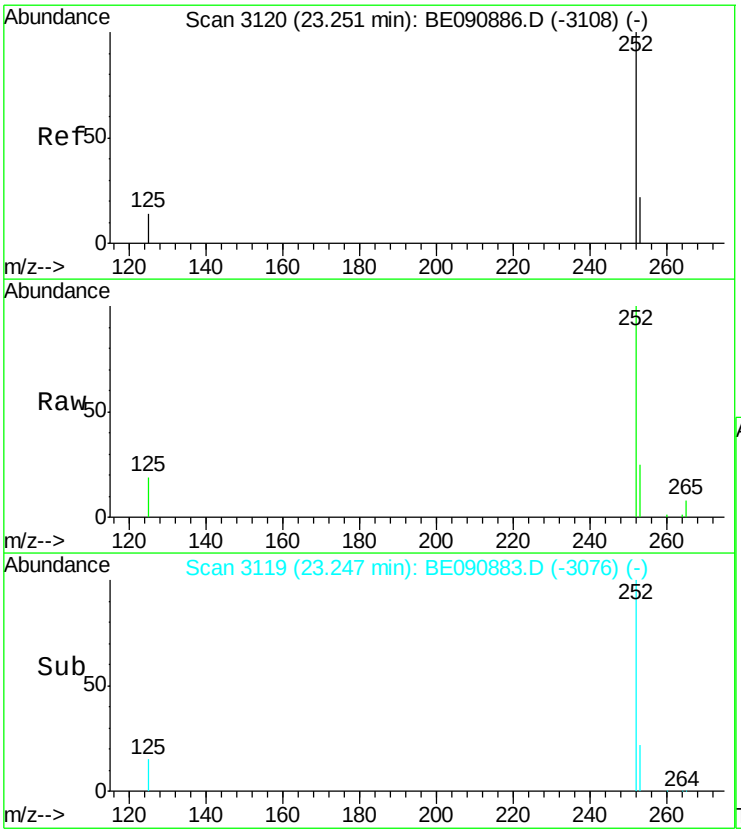
#35
Benzo(k)fluoranthene
Concen: 0.27 ng
RT: 22.71 min Scan# 3000
Delta R.T. 0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 16459

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	15.8	10.1	15.1#

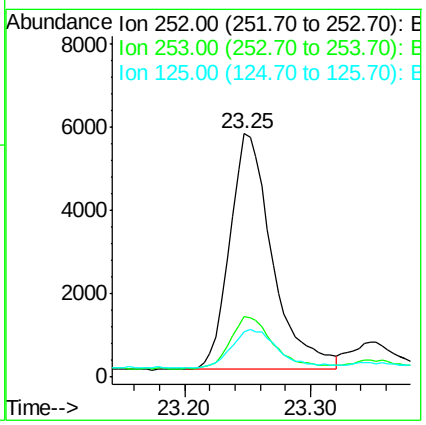


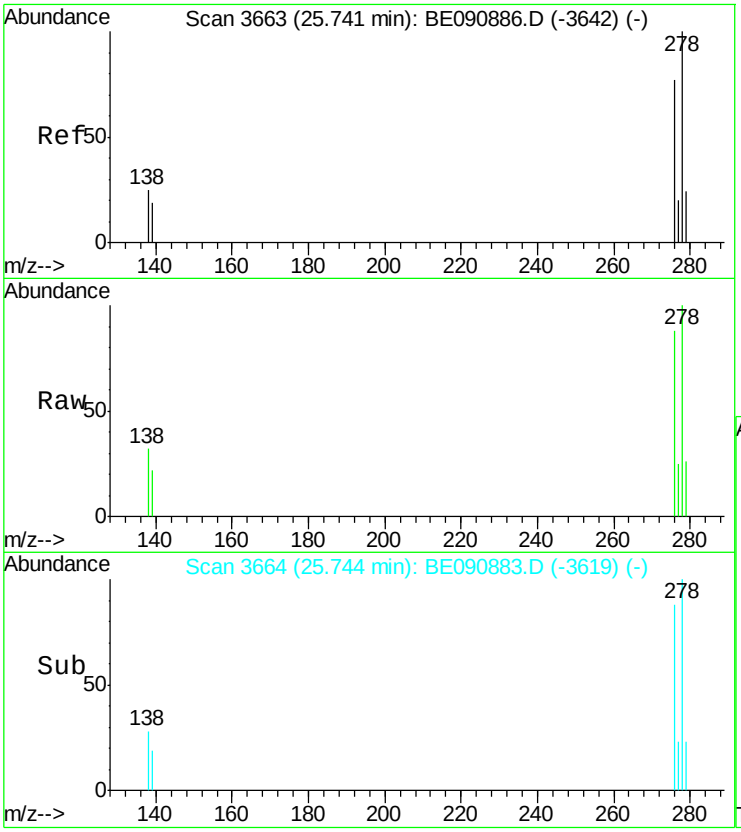


#36
Benzo(a)pyrene
Concen: 0.28 ng
RT: 23.25 min Scan# 3119
Delta R.T. -0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Tgt Ion:252 Resp: 13319

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.2	25.8
125	18.5	18.0	27.0



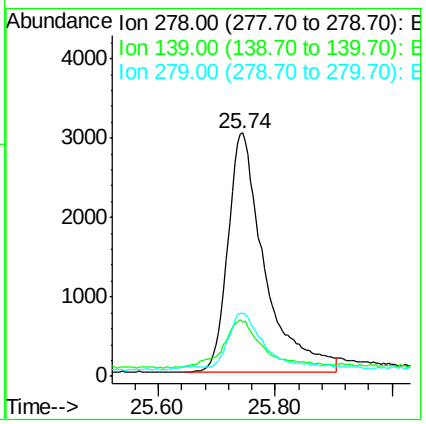


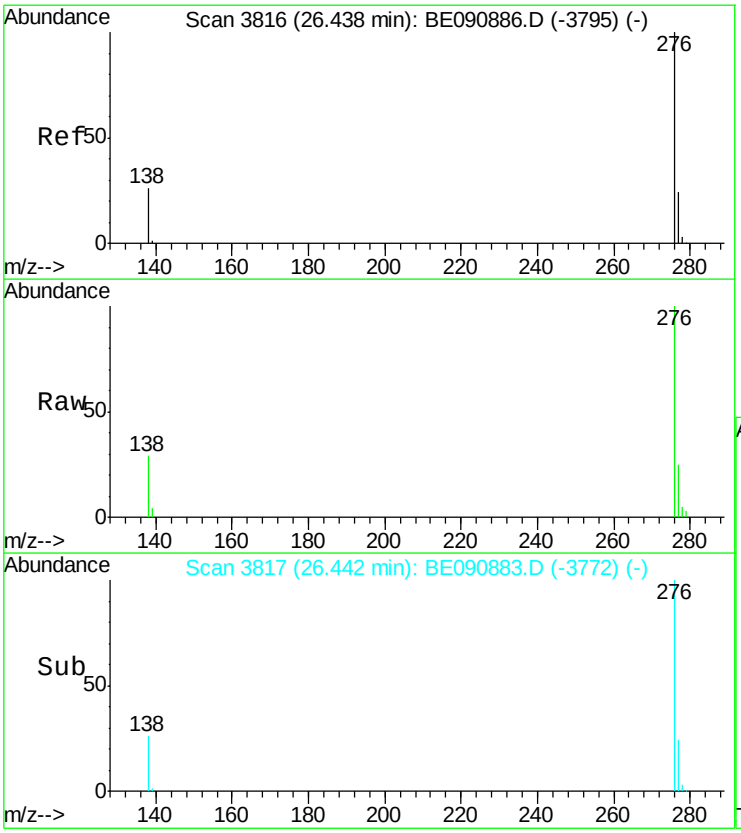
#37
Dibenzo(a,h)anthracene
Concen: 0.26 ng
RT: 25.74 min Scan# 3664
Delta R.T. 0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:278 Resp: 13098

Ion	Ratio	Lower	Upper
278	100		
139	22.1	15.4	23.0
279	25.7	18.8	28.2





#38
Benzo(g,h,i)perylene
Concen: 0.27 ng
RT: 26.44 min Scan# 3817
Delta R.T. 0.00 min
Lab File: BE090883.D
Acq: 18 Sep 2015 13:26

Tgt Ion:276 Resp: 14725

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.5	27.7
138	28.5	20.1	30.1