Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091815\
Data File : BE090889.D
Acq On : 18 Sep 2015 17:07
Operator : UM/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC010

Quant Time: Sep 18 17:38:05 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 17:00:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	26240	5.00	ng		0.00
7) Naphthalene-d8	10.29	136	118001	5.00	ng		0.00
13) Acenaphthene-d10	14.16	164	62092	5.00	ng		0.00
19) Phenanthrene-d10	16.91	188	144407	5.00	ng		0.00
26) Chrysene-d12	21.07	240	204728	5.00	ng		0.00
33) Perylene-d12	23.35	264	197275	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.17	112	58656	8.91	ng		0.00
5) Phenol-d6	6.73	99	82868	10.15	ng		-0.02
8) Nitrobenzene-d5	8.68	82	84343	10.43	ng		-0.02
14) 2,4,6-Tribromophenol	15.66	330	21925	8.91	ng		-0.03
15) 2-Fluorobiphenyl	12.78	172	158669	8.89	ng		-0.02
28) Terphenyl-d14	19.52	244	227470	8.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	33445	7.79	ng		98
3) n-Nitrosodimethylamine	3.45	42	46185	8.05	ng	#	89
6) bis(2-Chloroethyl)ether	6.98	93	73825	8.98	ng		98
9) Nitrobenzene	8.73	77	97374	10.90	ng		96
10) Naphthalene	10.35	128	223030	8.21	ng		98
11) Hexachlorobutadiene	10.64	225	33034	8.23	ng		100
12) 2-Methylnaphthalene	11.96	142	147332	9.19	ng		99
16) Acenaphthylene	13.87	152	1011551	9.27	ng		100
17) Acenaphthene	14.22	154	150037	8.88	ng	#	86
18) Fluorene	15.22	166	185503	8.61	ng		97
20) 4-Bromophenyl-phenylether	16.11	248	50563	8.93	ng		96
21) Hexachlorobenzene	16.23	284	226381	8.49	ng		99
22) Pentachlorophenol	16.58	266	27582	9.73	ng		94
23) Phenanthrene	16.94	178	328826	8.67	ng		99
24) Anthracene	17.03	178	320981	9.68	ng		100
25) Fluoranthene	18.95	202	400534	8.98	ng		99
27) Pyrene	19.31	202	427748	9.04	ng		99
29) Benzo(a)anthracene	21.05	228	453553	8.84	ng		100
30) Chrysene	21.10	228	457604	8.07	ng		99
31) Bis(2-ethylhexyl)phthalate	21.00	149	240052	11.62	ng		98
32) Indeno(1,2,3-cd)pyrene	25.71	276	582800	9.75	ng		98
34) Benzo(b)fluoranthene	22.66	252	443088	9.54	ng		99
35) Benzo(k)fluoranthene	22.70	252	488776	9.09	ng		100
36) Benzo(a)pyrene	23.25	252	441251	10.05	ng	#	91
37) Dibenzo(a,h)anthracene	25.73	278	475213	10.46	ng		100
38) Benzo(g,h,i)perylene	26.44	276	481112	9.81	ng		99

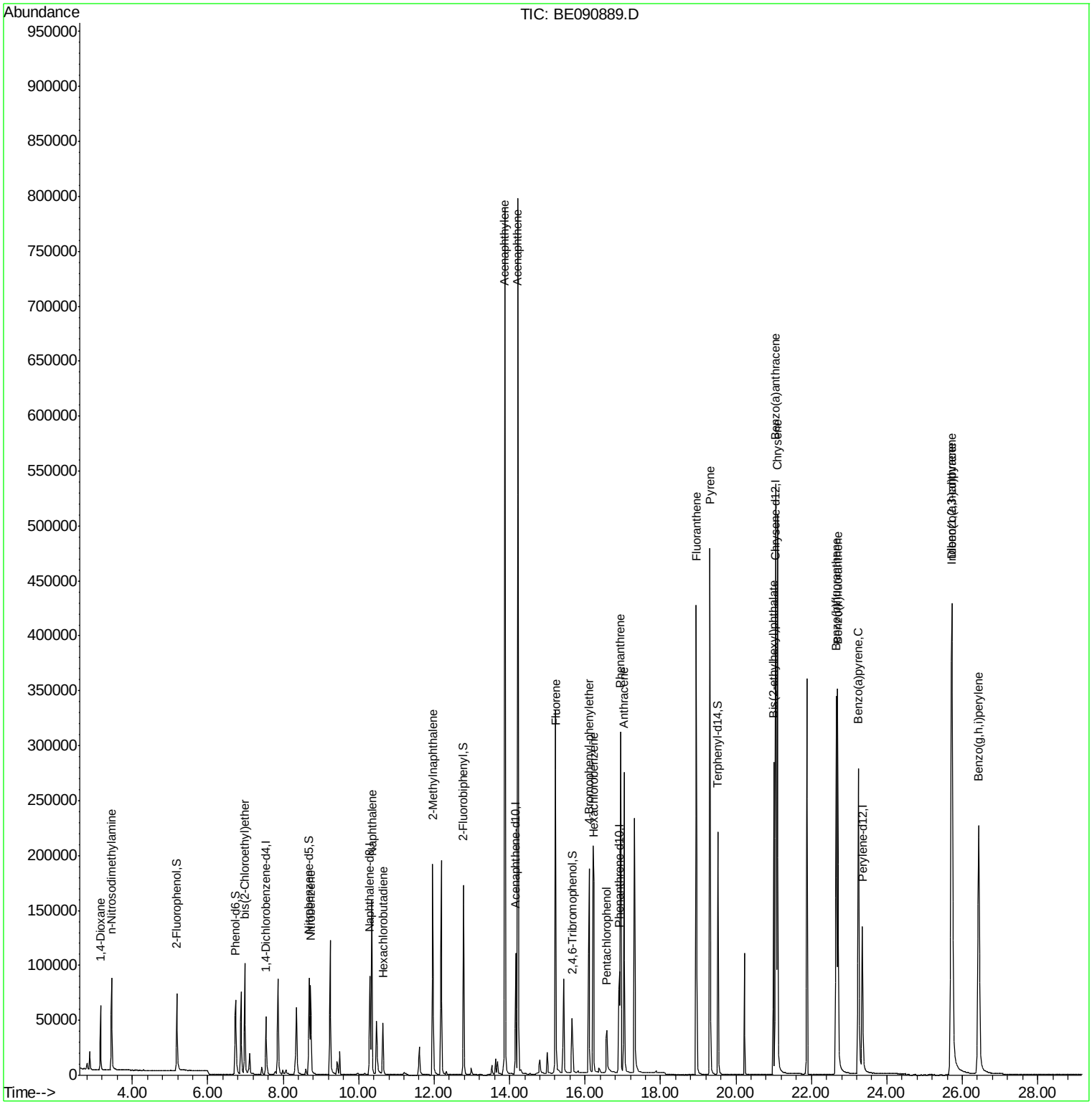
(#) = qualifier out of range (m) = manual integration (+) = signals summed

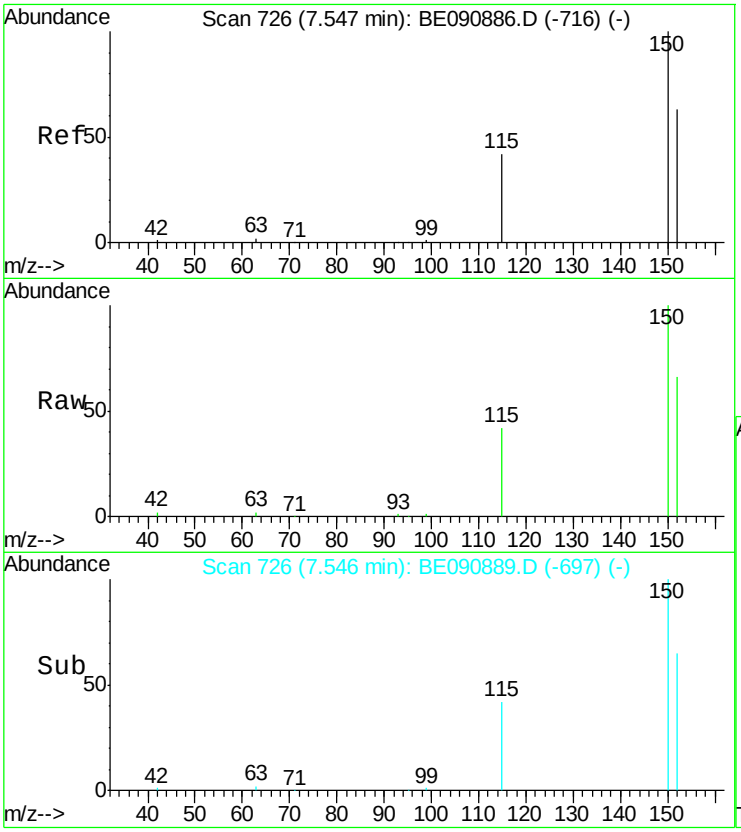
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091815\
Data File : BE090889.D
Acq On : 18 Sep 2015 17:07
Operator : UM/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Quant Time: Sep 18 17:38:05 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 17:00:23 2015
Response via : Initial Calibration



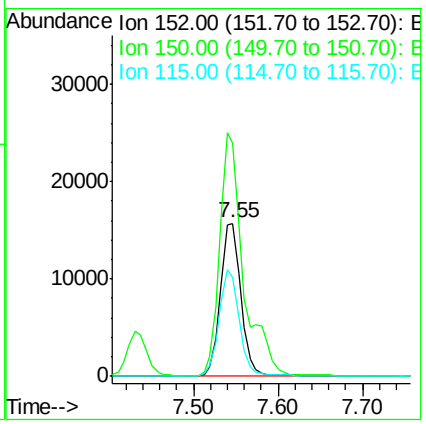


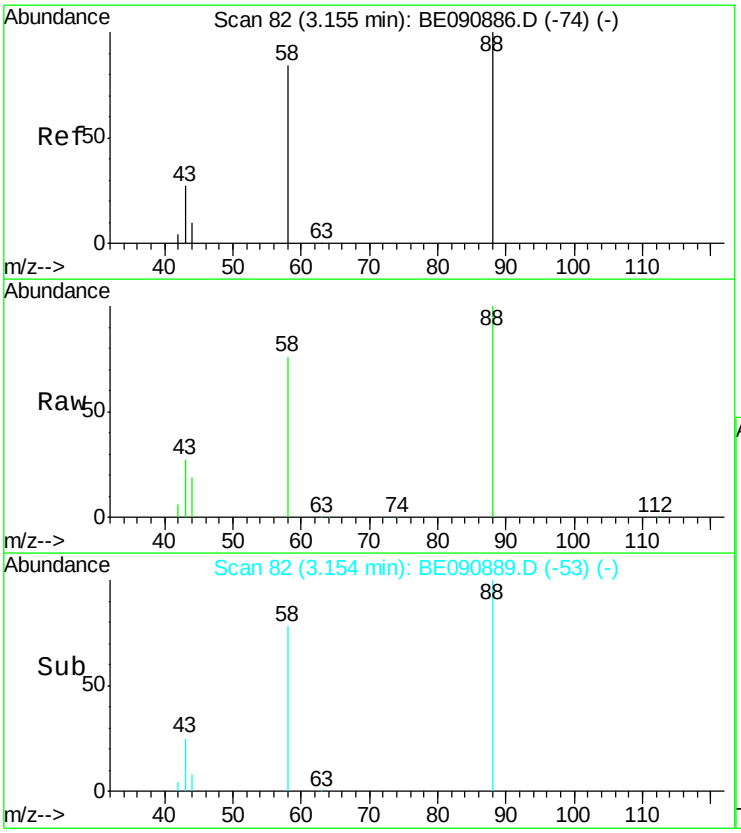
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 26240

Ion	Ratio	Lower	Upper
152	100		
150	152.6	122.2	183.4
115	64.4	51.0	76.4

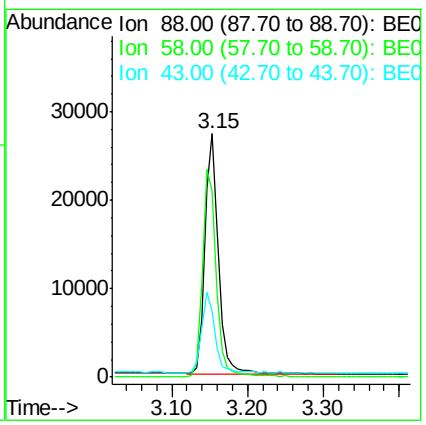


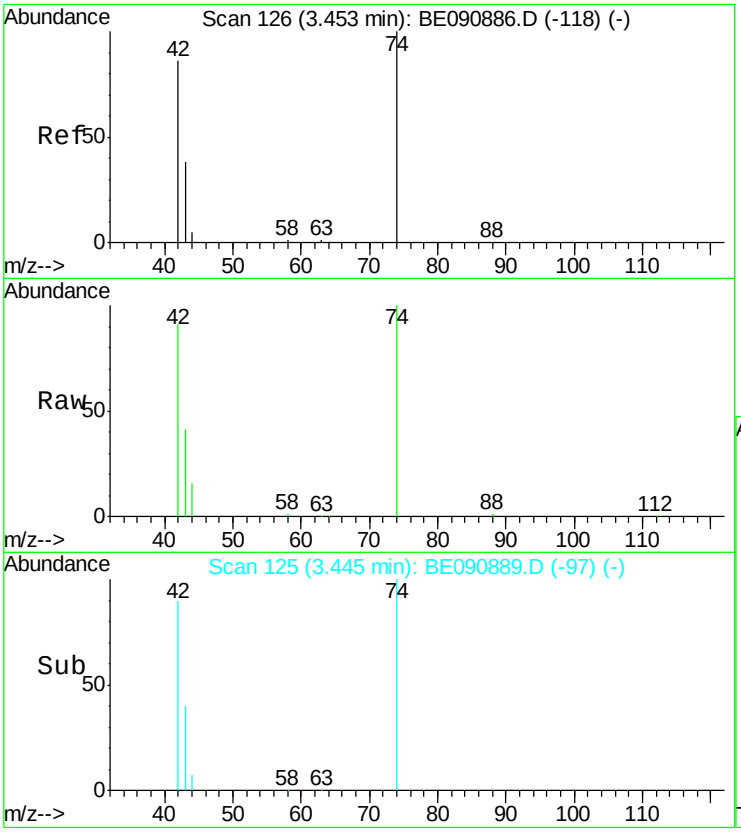


#2
1,4-Dioxane
Concen: 7.79 ng
RT: 3.15 min Scan# 82
Delta R.T. -0.00 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Tgt Ion: 88 Resp: 33445

Ion	Ratio	Lower	Upper
88	100		
58	87.4	68.4	102.6
43	32.5	26.9	40.3



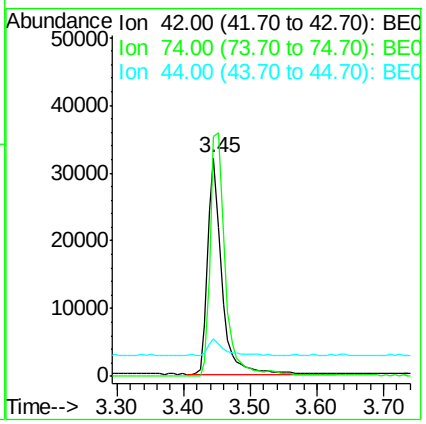


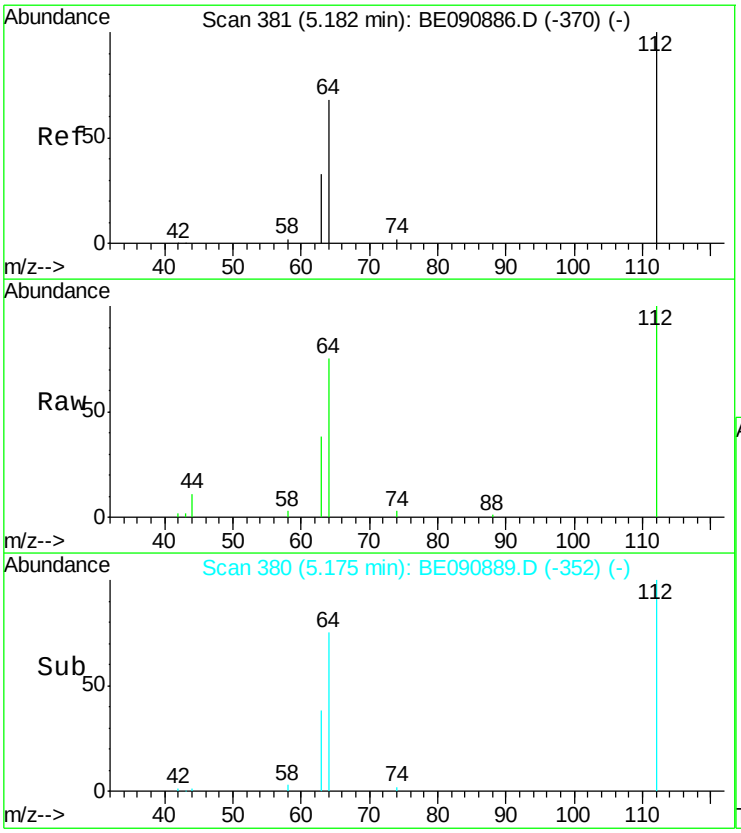
#3
n-Nitrosodimethylamine
Concen: 8.05 ng
RT: 3.45 min Scan# 125
Delta R.T. -0.01 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 42 Resp: 46185

Ion	Ratio	Lower	Upper
42	100		
74	116.4	83.7	125.5
44	8.4	10.0	15.0#

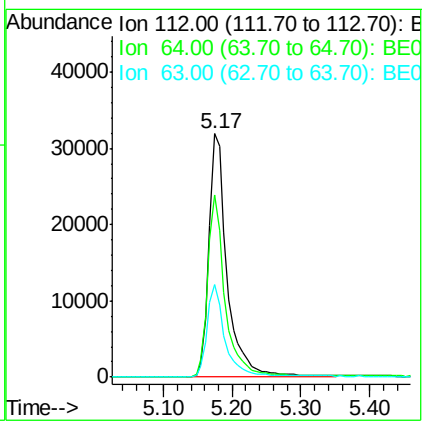


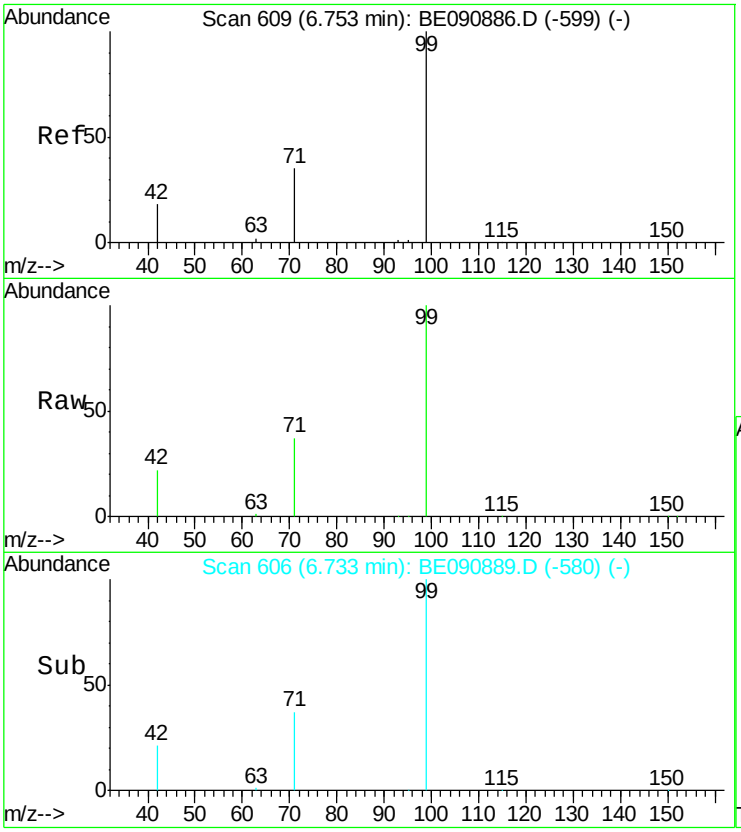


#4
2-Fluorophenol
Concen: 8.91 ng
RT: 5.17 min Scan# 380
Delta R.T. -0.01 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Tgt Ion:112 Resp: 58656

Ion	Ratio	Lower	Upper
112	100		
64	72.0	57.3	85.9
63	36.7	29.2	43.8



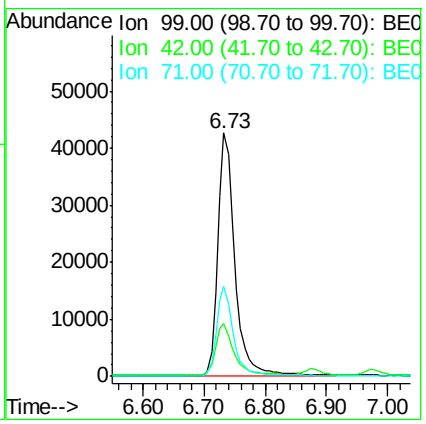


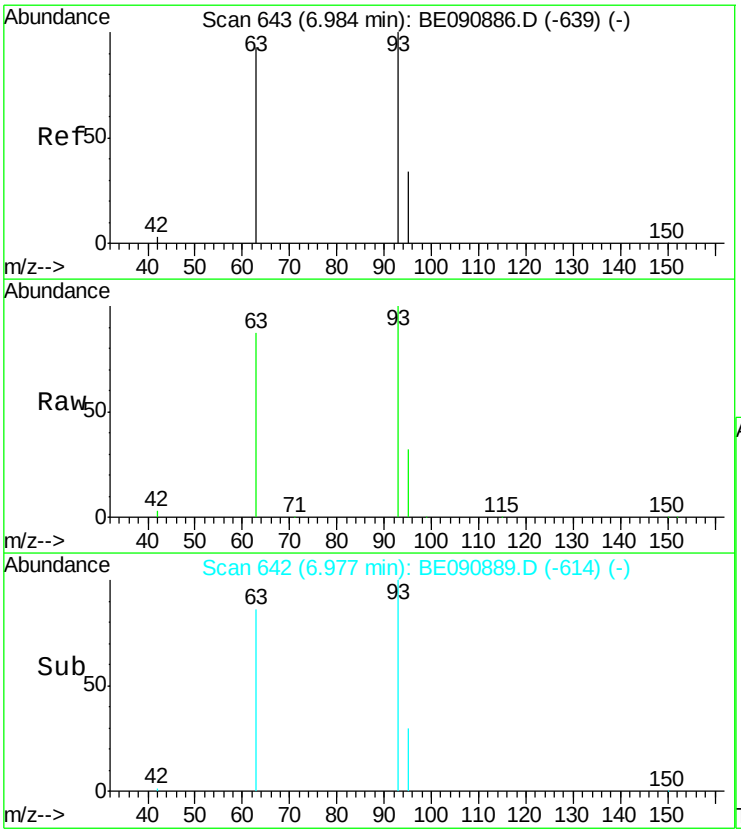
#5
Phenol-d6
Concen: 10.15 ng
RT: 6.73 min Scan# 606
Delta R.T. -0.02 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 82868

Ion	Ratio	Lower	Upper
99	100		
42	22.0	16.8	25.2
71	36.3	28.3	42.5

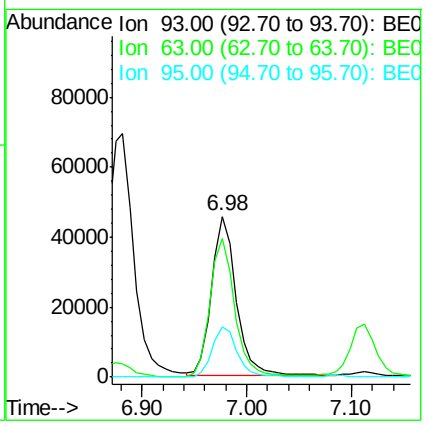


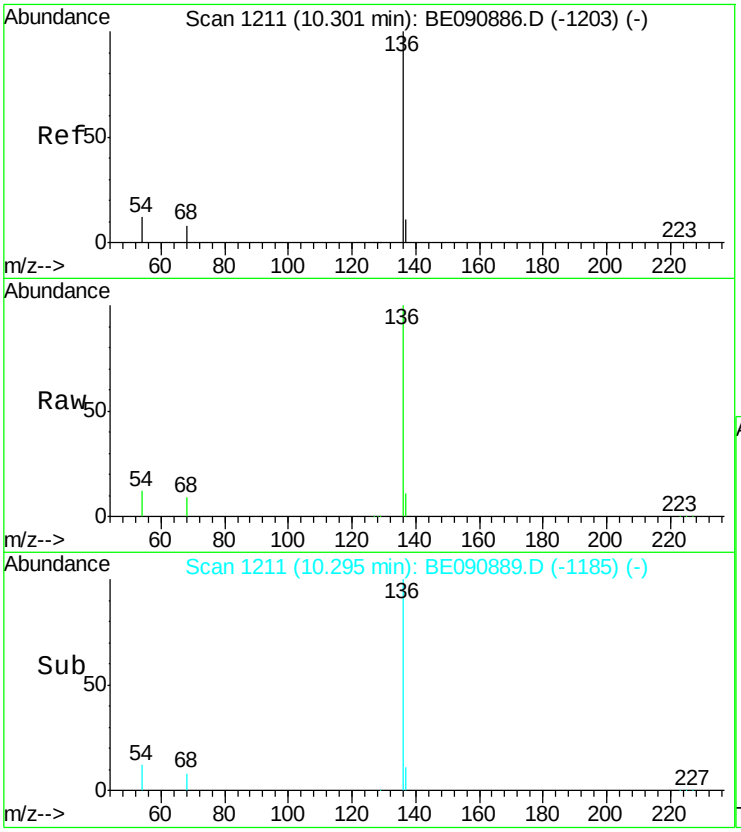


#6
bis(2-Chloroethyl)ether
Concen: 8.98 ng
RT: 6.98 min Scan# 642
Delta R.T. -0.01 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Tgt Ion: 93 Resp: 73825

Ion	Ratio	Lower	Upper
93	100		
63	86.9	68.5	102.7
95	32.1	26.9	40.3



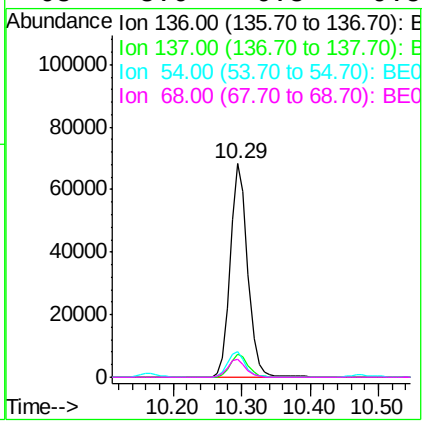


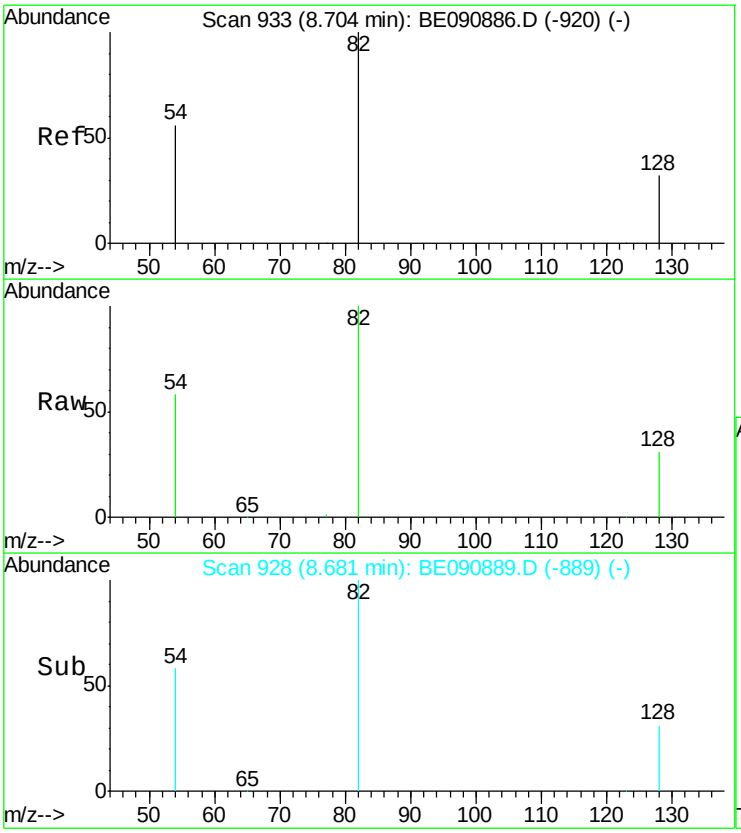
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.29 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 118001

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	12.0	9.0	13.6
68	8.6	6.3	9.5

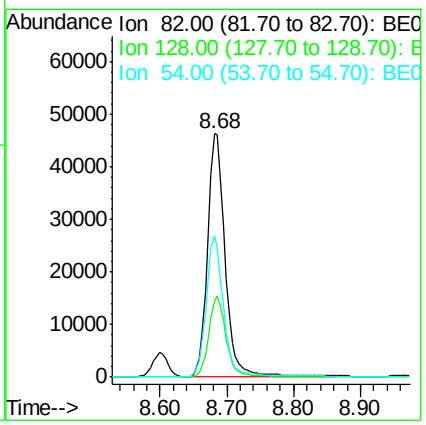


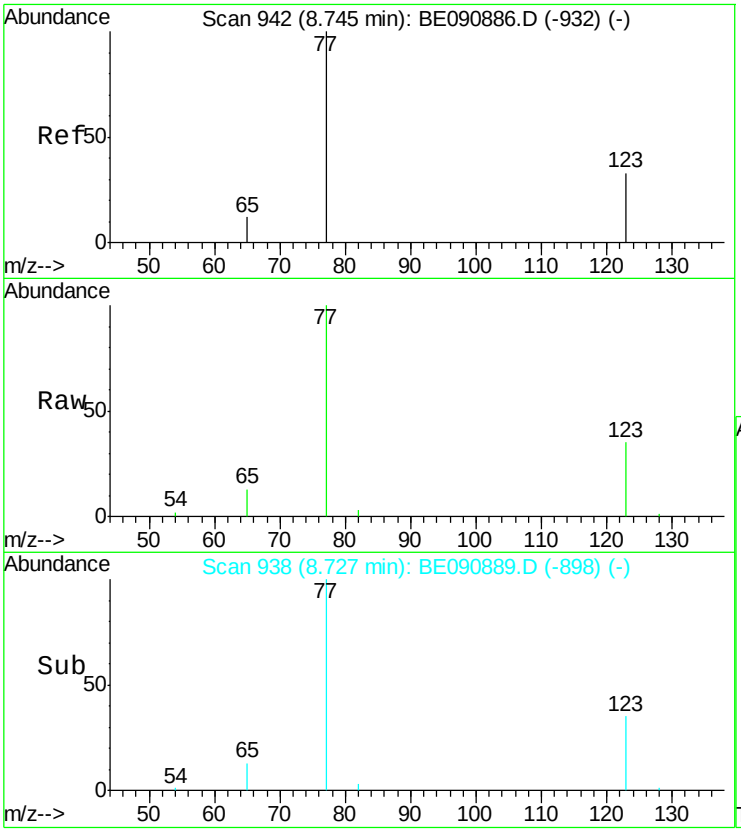


#8
Nitrobenzene-d5
Concen: 10.43 ng
RT: 8.68 min Scan# 928
Delta R.T. -0.02 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Tgt Ion: 82 Resp: 84343

Ion	Ratio	Lower	Upper
82	100		
128	31.1	25.0	37.4
54	58.1	46.3	69.5



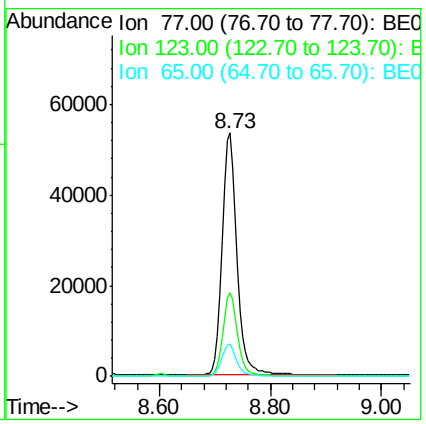


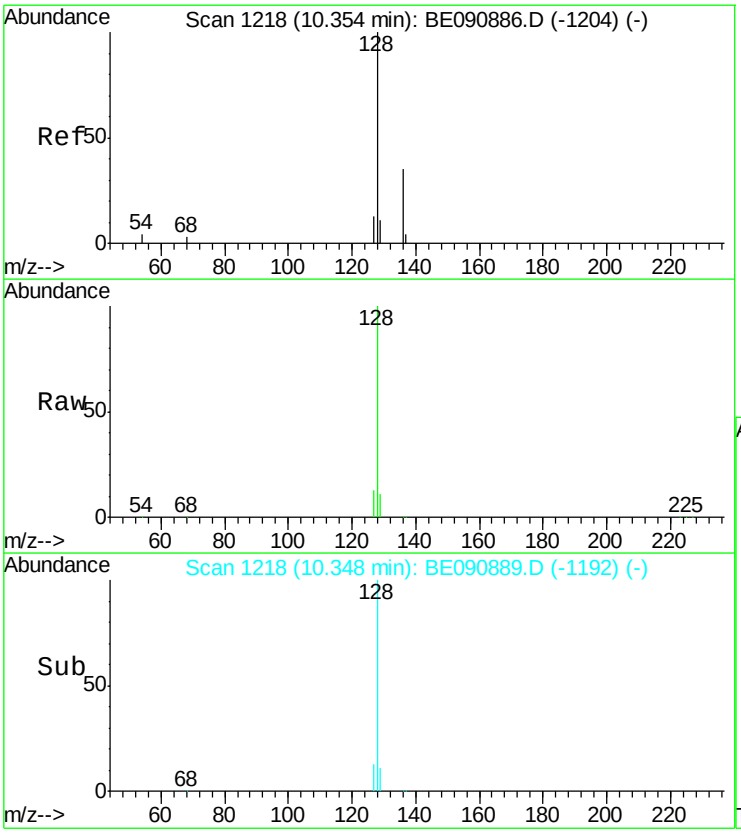
#9
Nitrobenzene
Concen: 10.90 ng
RT: 8.73 min Scan# 938
Delta R.T. -0.02 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 97374

Ion	Ratio	Lower	Upper
77	100		
123	34.1	25.1	37.7
65	13.2	9.9	14.9

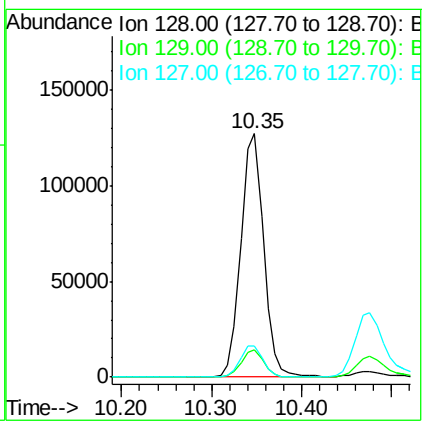


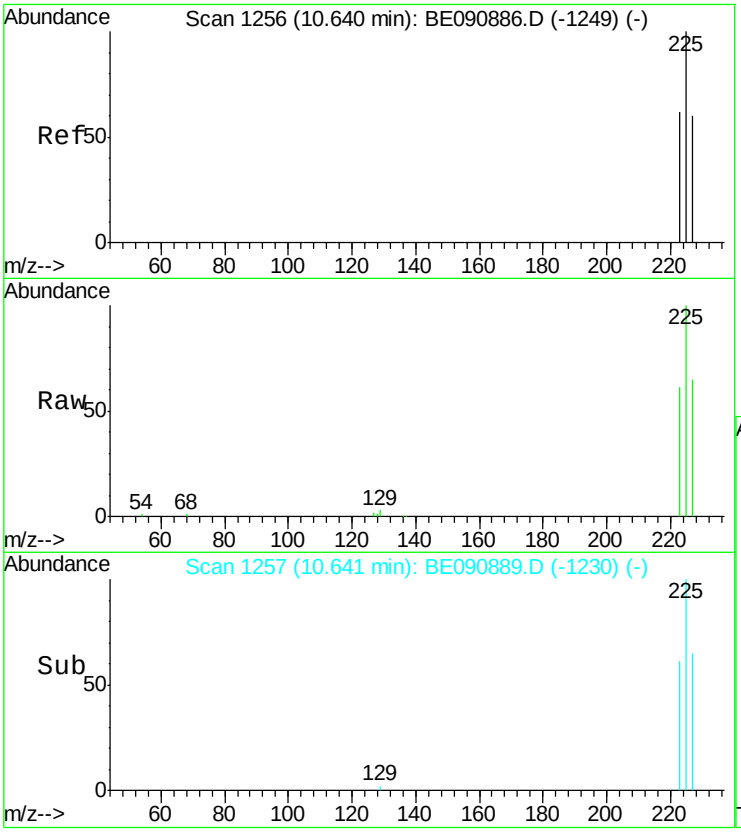


#10
Naphthalene
Concen: 8.21 ng
RT: 10.35 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Tgt Ion:128 Resp: 223030

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.4	12.6
127	12.9	9.9	14.9



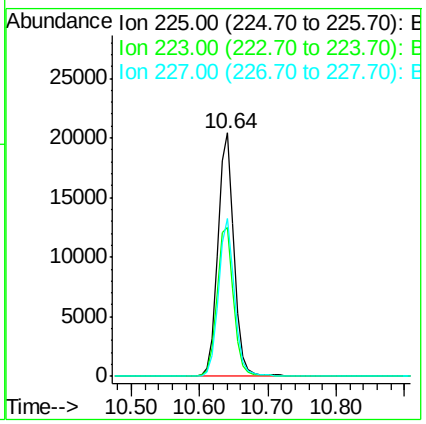


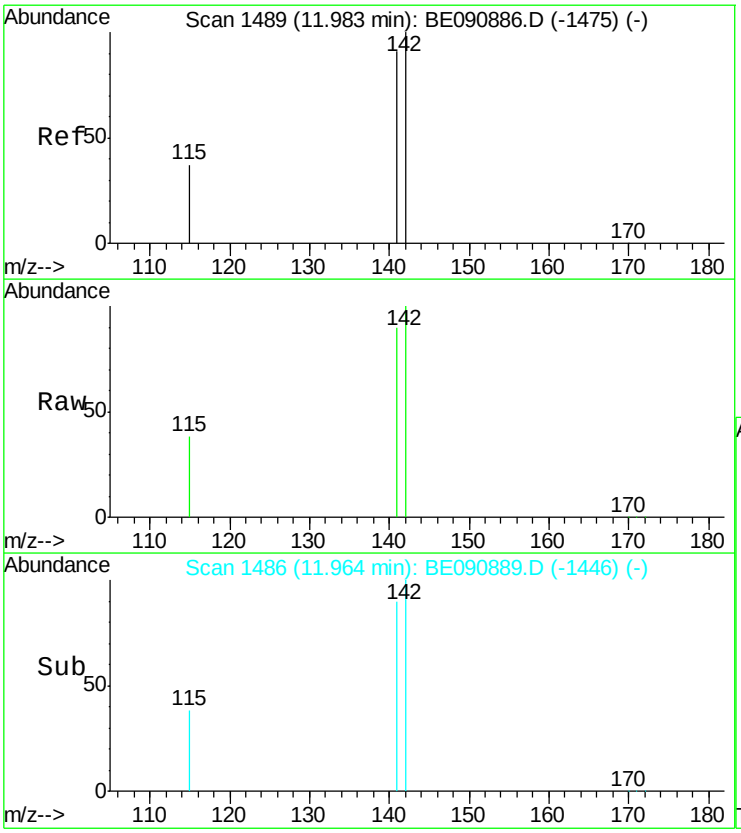
#11
Hexachlorobutadiene
Concen: 8.23 ng
RT: 10.64 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:225 Resp: 33034

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	63.9	51.0	76.6

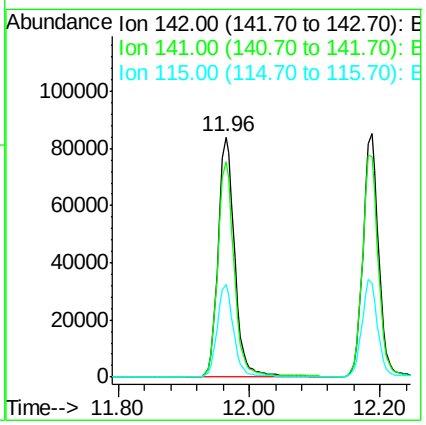


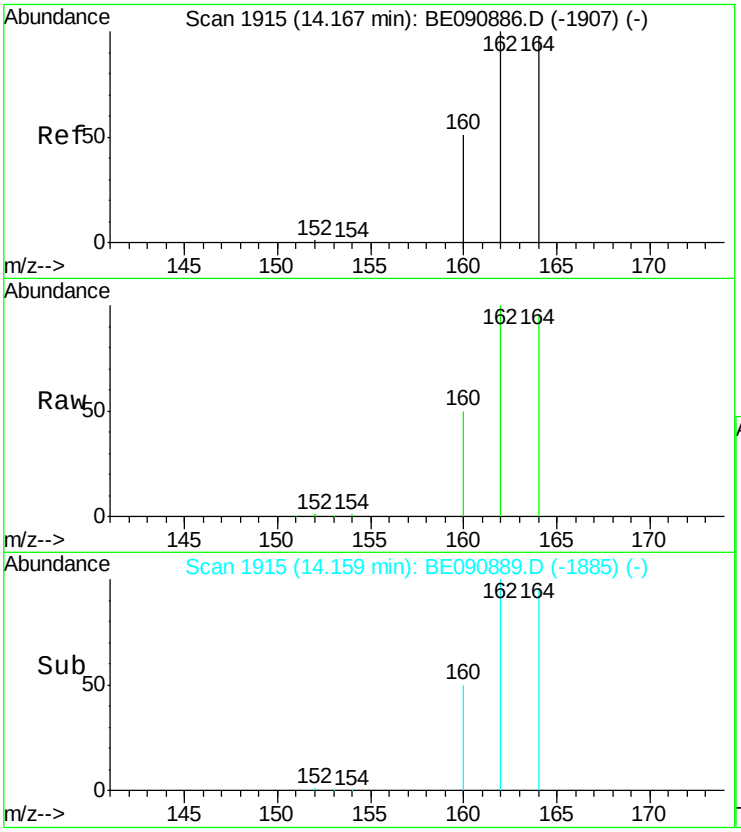


#12
2-Methylnaphthalene
Concen: 9.19 ng
RT: 11.96 min Scan# 1486
Delta R.T. -0.02 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Tgt Ion:142 Resp: 147332

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.4	107.2
115	38.4	31.0	46.4



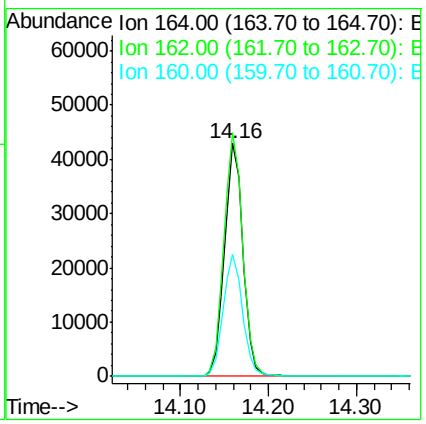


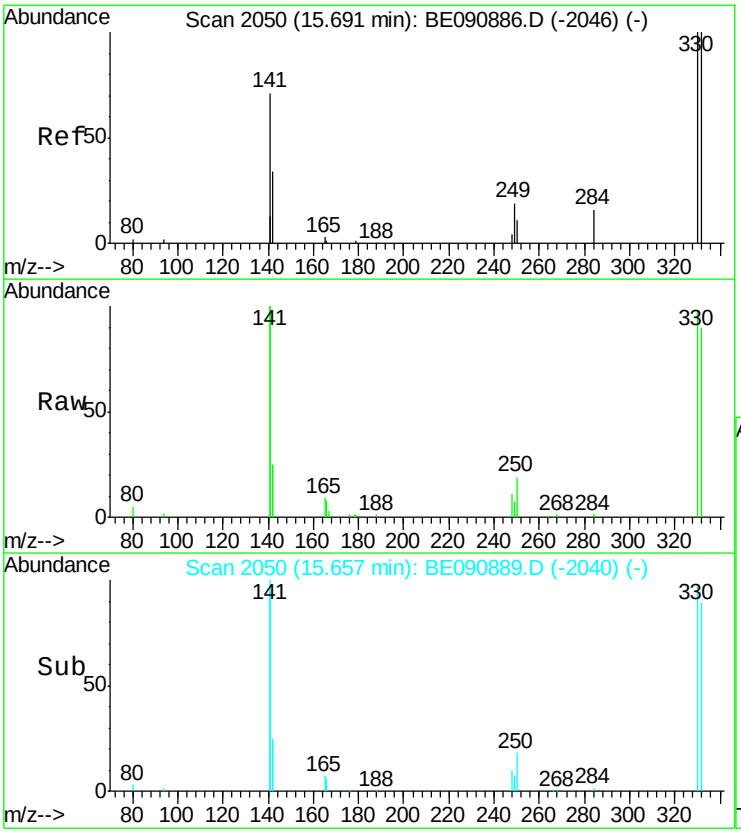
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.16 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 62092

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.8	130.2
160	52.2	53.9	80.9#

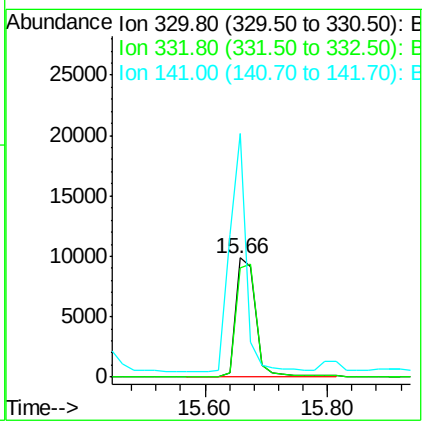


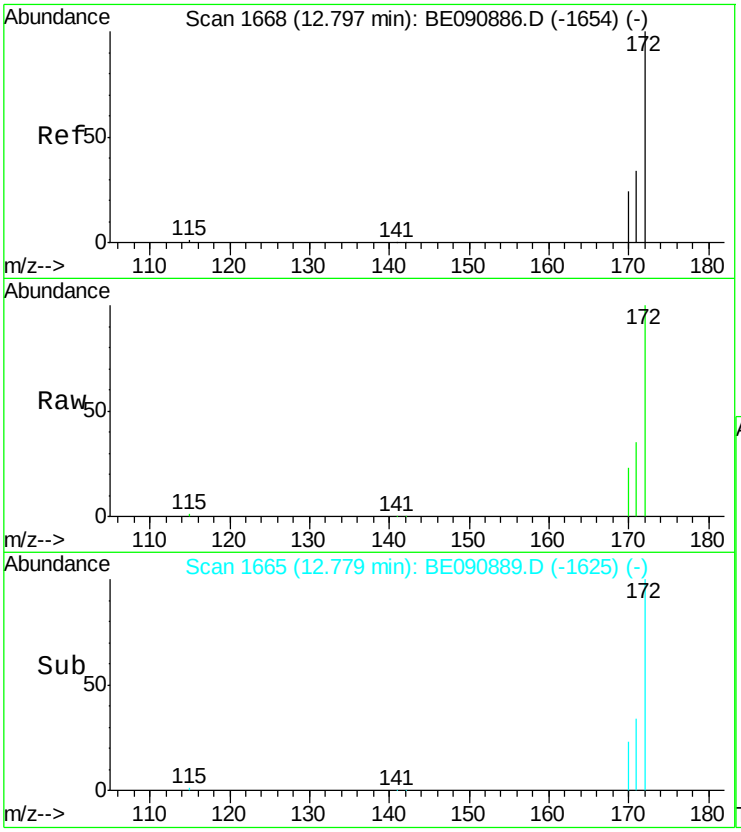


#14
2,4,6-Tribromophenol
Concen: 8.91 ng
RT: 15.66 min Scan# 2050
Delta R.T. -0.03 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Tgt Ion:330 Resp: 21925

Ion	Ratio	Lower	Upper
330	100		
332	97.0	74.9	112.3
141	166.6	145.2	217.8



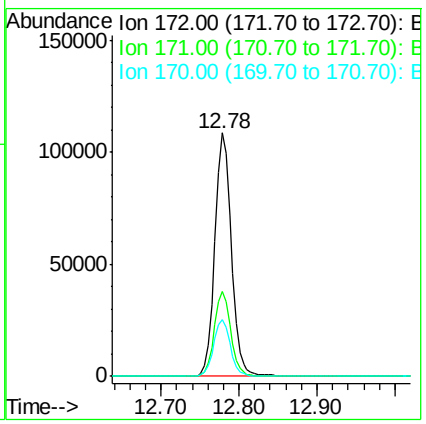


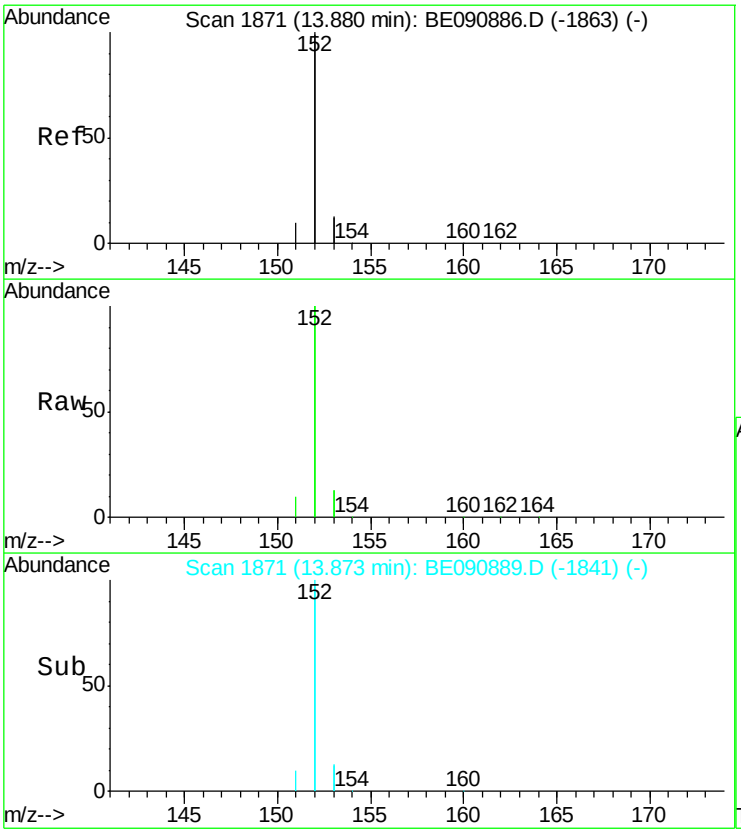
#15
2-Fluorobiphenyl
Concen: 8.89 ng
RT: 12.78 min Scan# 1665
Delta R.T. -0.02 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 158669

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.8
170	23.4	19.8	29.6

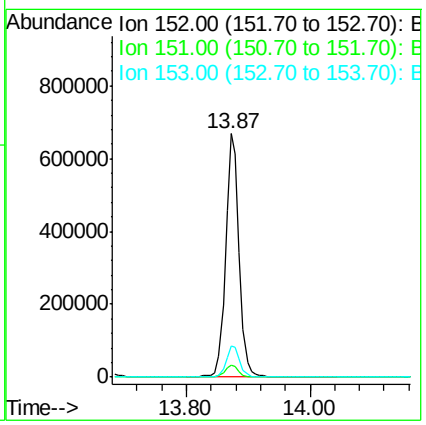


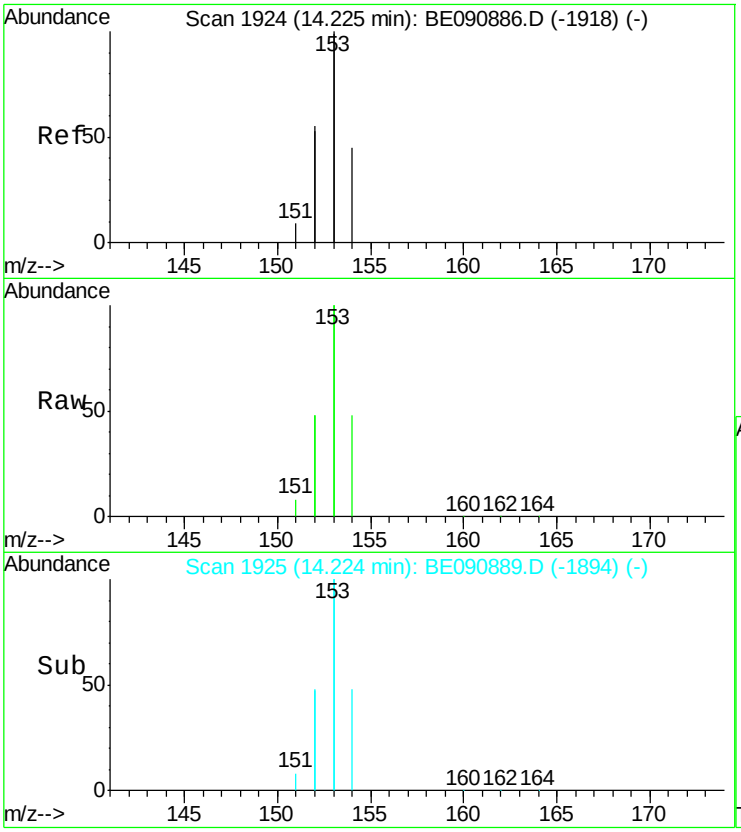


#16
Acenaphthylene
Concen: 9.27 ng
RT: 13.87 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Tgt Ion:152 Resp: 1011551

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.0	10.3	15.5



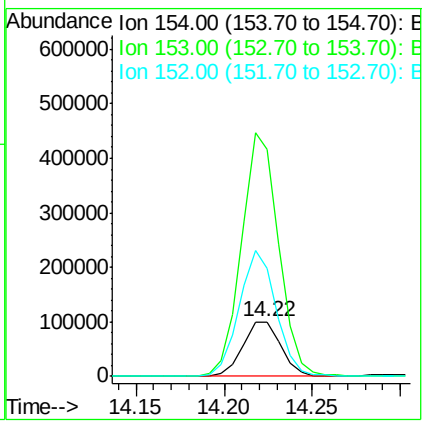


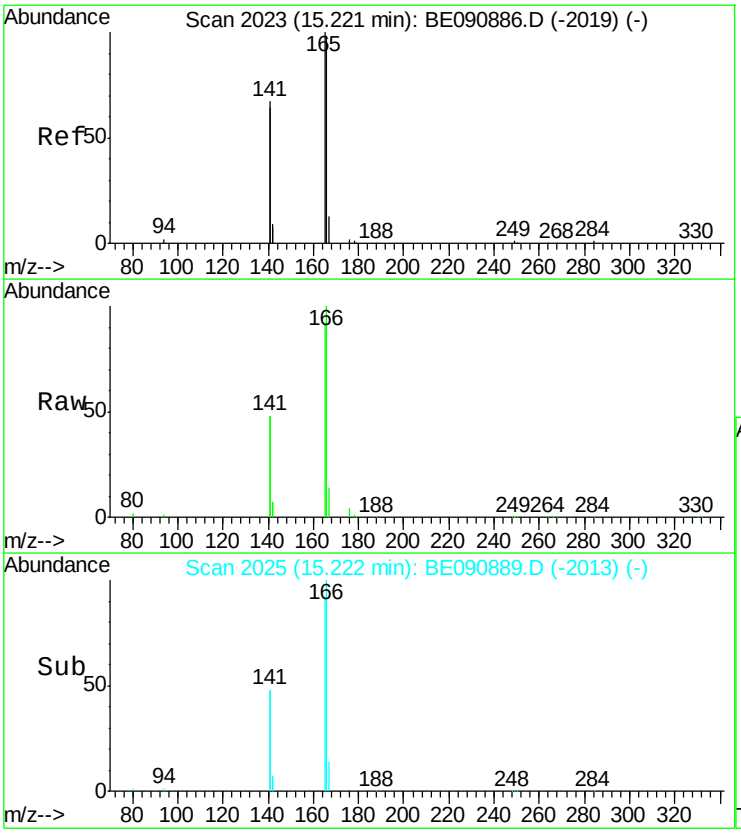
#17
Acenaphthene
Concen: 8.88 ng
RT: 14.22 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:154 Resp: 150037

Ion	Ratio	Lower	Upper
154	100		
153	436.2	354.5	531.7
152	224.7	227.8	341.6#

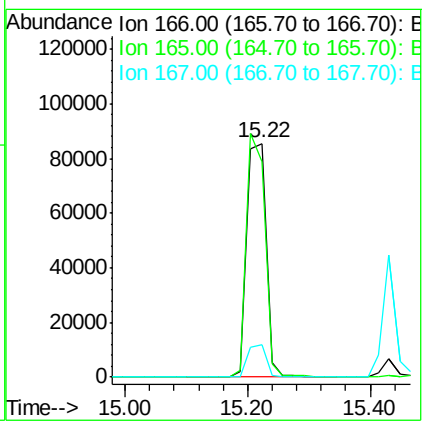


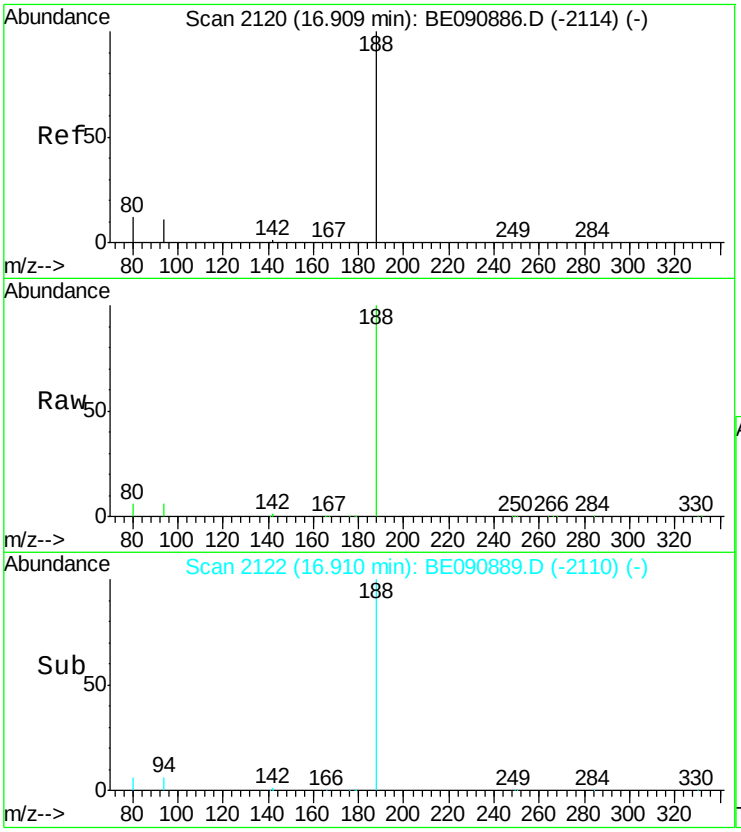


#18
Fluorene
Concen: 8.61 ng
RT: 15.22 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Tgt Ion:166 Resp: 185503

Ion	Ratio	Lower	Upper
166	100		
165	99.6	82.7	124.1
167	13.5	10.7	16.1



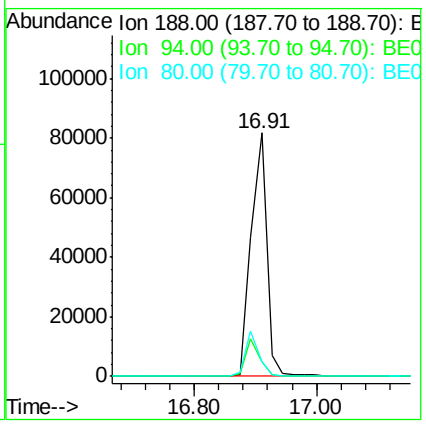


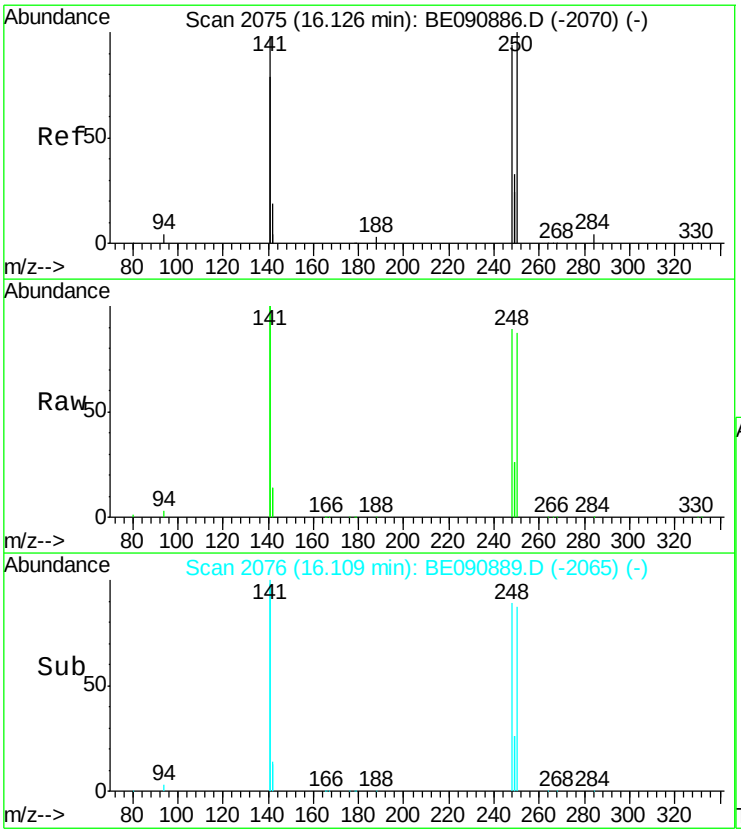
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:188 Resp: 144407

Ion	Ratio	Lower	Upper
188	100		
94	5.8	10.3	15.5#
80	5.9	11.0	16.6#

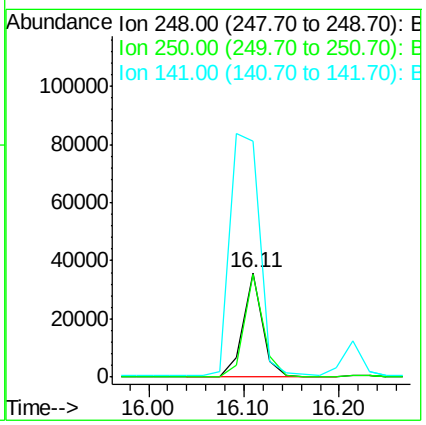


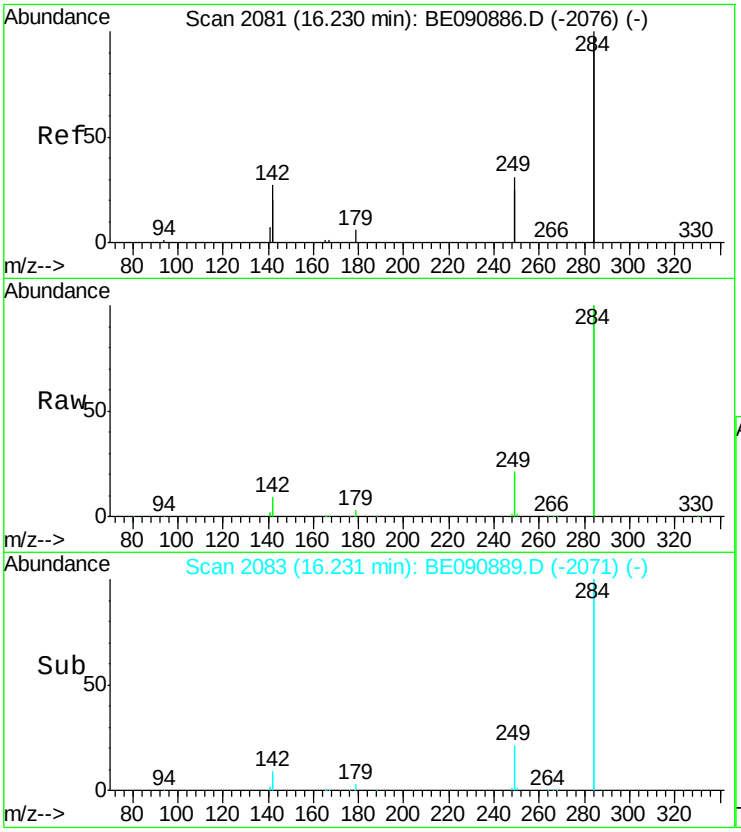


#20
4-Bromophenyl-phenylether
Concen: 8.93 ng
RT: 16.11 min Scan# 2076
Delta R.T. -0.02 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Tgt Ion:248 Resp: 50563

Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.7	115.1
141	355.3	292.6	439.0



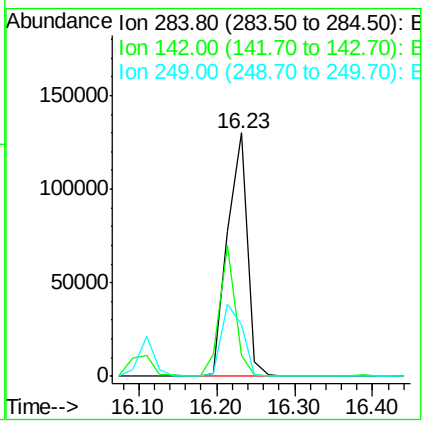


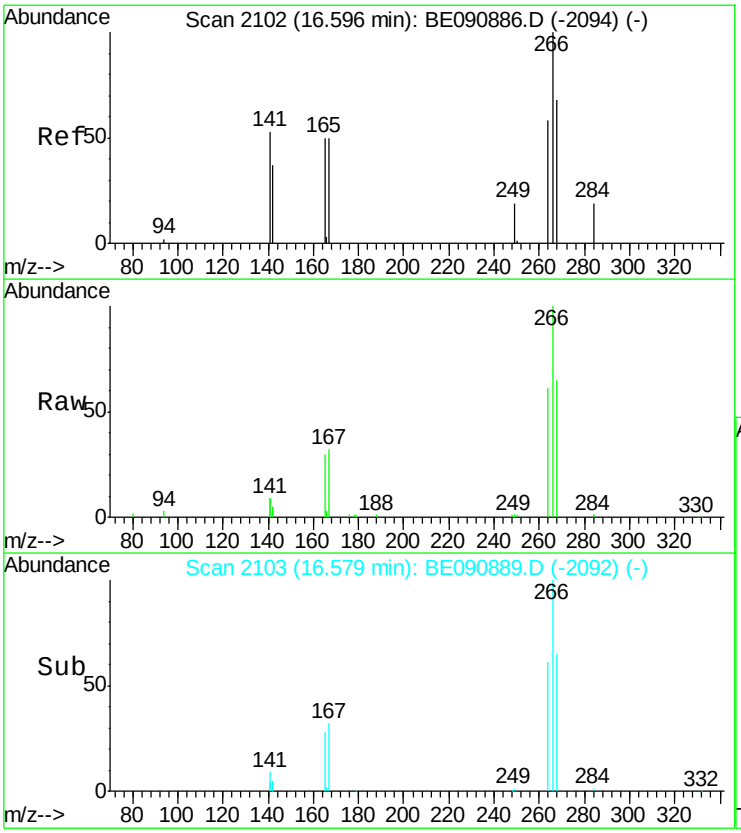
#21
Hexachlorobenzene
Concen: 8.49 ng
RT: 16.23 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:284 Resp: 226381

Ion	Ratio	Lower	Upper
284	100		
142	42.8	35.0	52.4
249	31.6	25.5	38.3

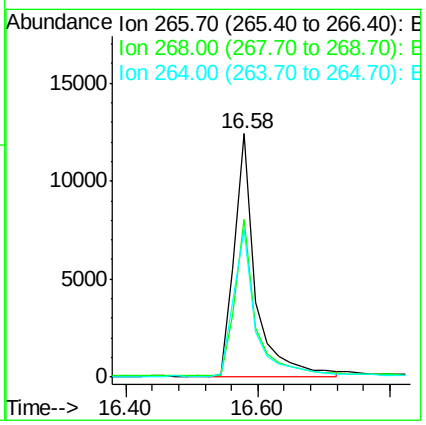


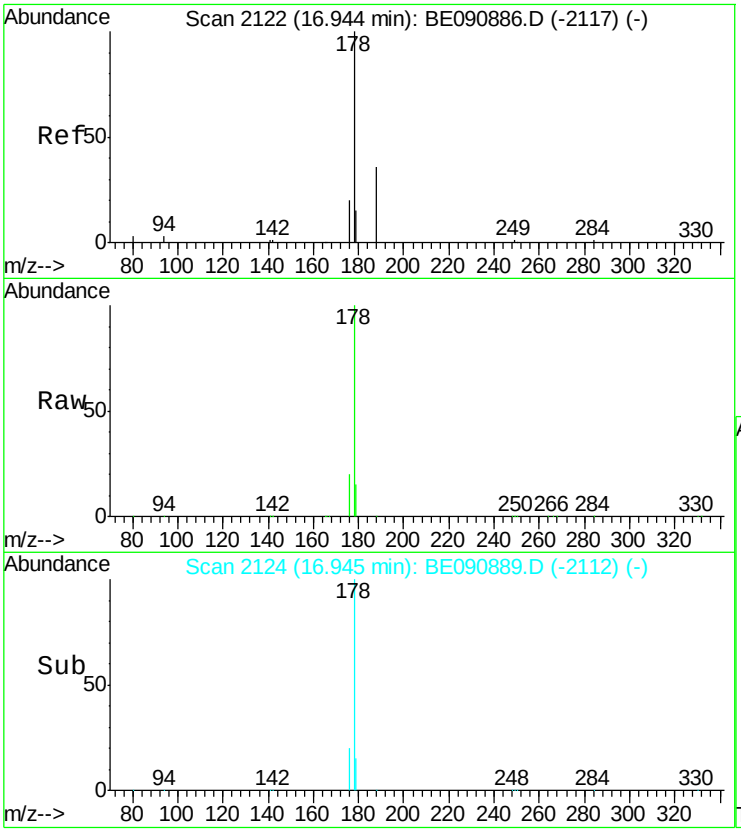


#22
Pentachlorophenol
Concen: 9.73 ng
RT: 16.58 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Tgt Ion:266 Resp: 27582

Ion	Ratio	Lower	Upper
266	100		
268	64.8	49.6	74.4
264	60.7	53.9	80.9



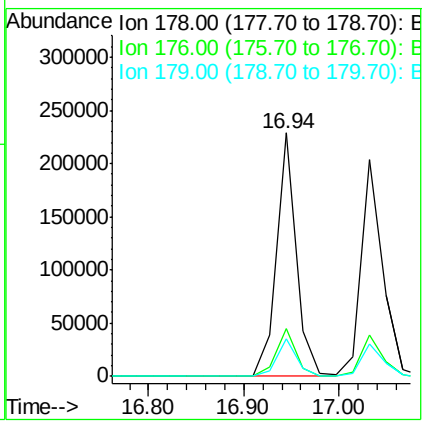


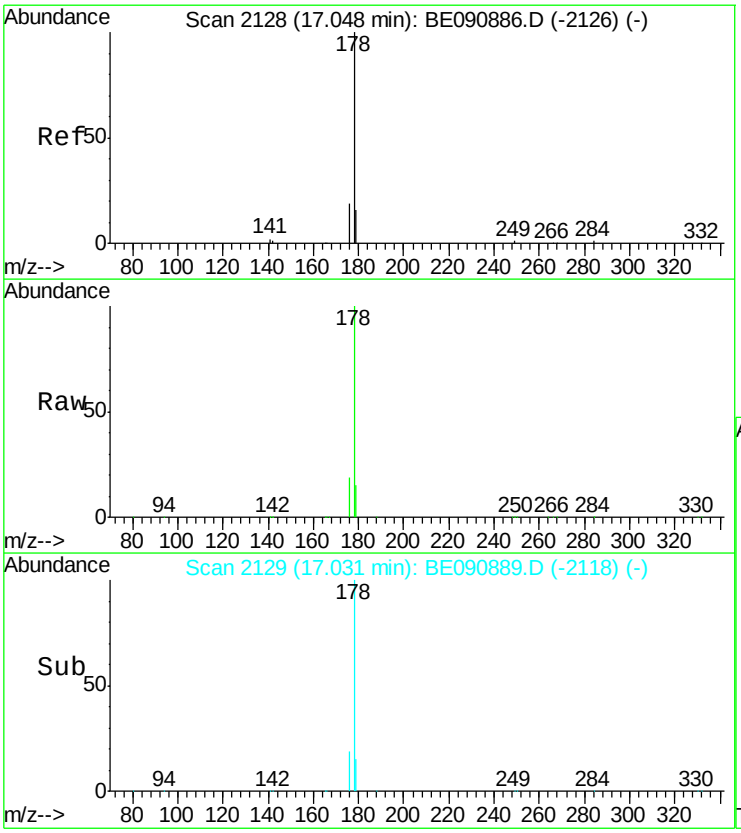
#23
Phenanthrene
Concen: 8.67 ng
RT: 16.94 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 328826

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.2	12.8	19.2

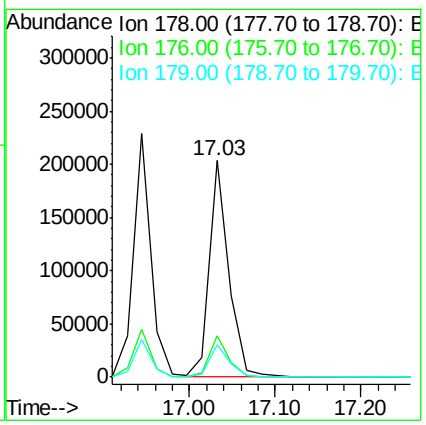


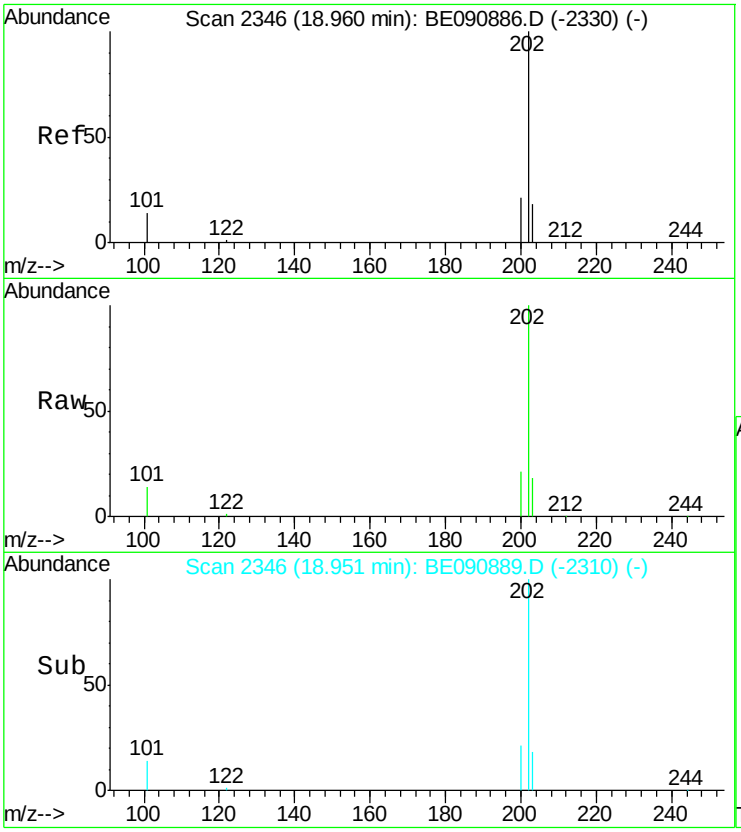


#24
Anthracene
Concen: 9.68 ng
RT: 17.03 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Tgt Ion:178 Resp: 320981

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.3	12.3	18.5



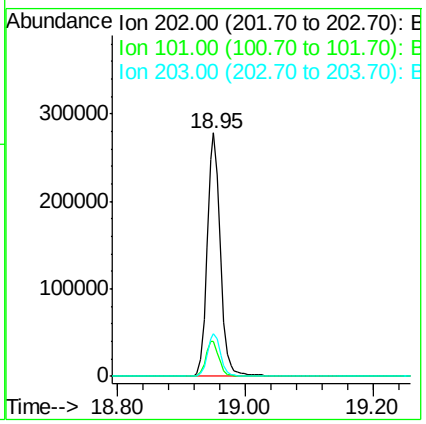


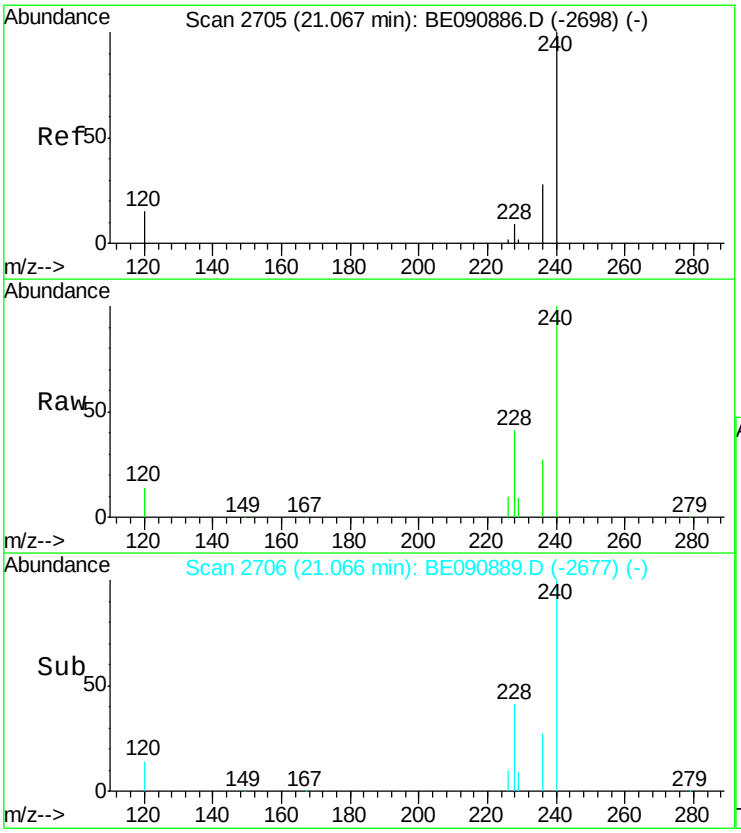
#25
Fluoranthene
Concen: 8.98 ng
RT: 18.95 min Scan# 2346
Delta R.T. -0.01 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 400534

Ion	Ratio	Lower	Upper
202	100		
101	14.6	11.0	16.6
203	17.5	13.9	20.9

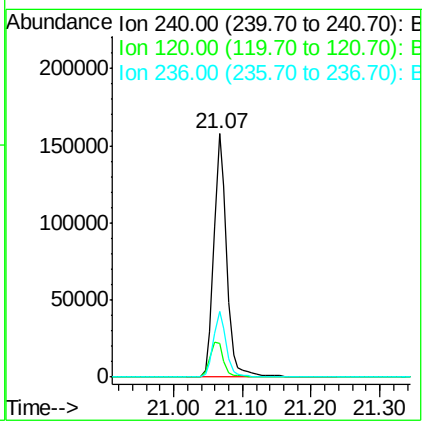


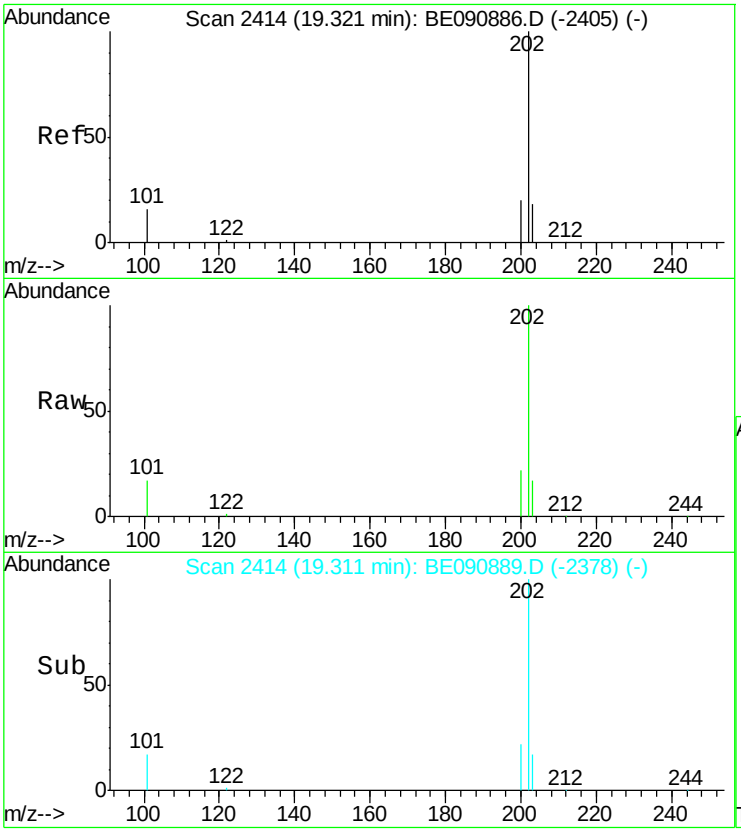


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2706
Delta R.T. -0.00 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Tgt Ion:240 Resp: 204728

Ion	Ratio	Lower	Upper
240	100		
120	13.9	10.1	15.1
236	27.1	21.9	32.9



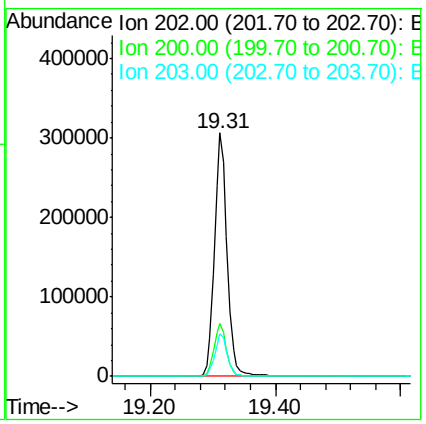


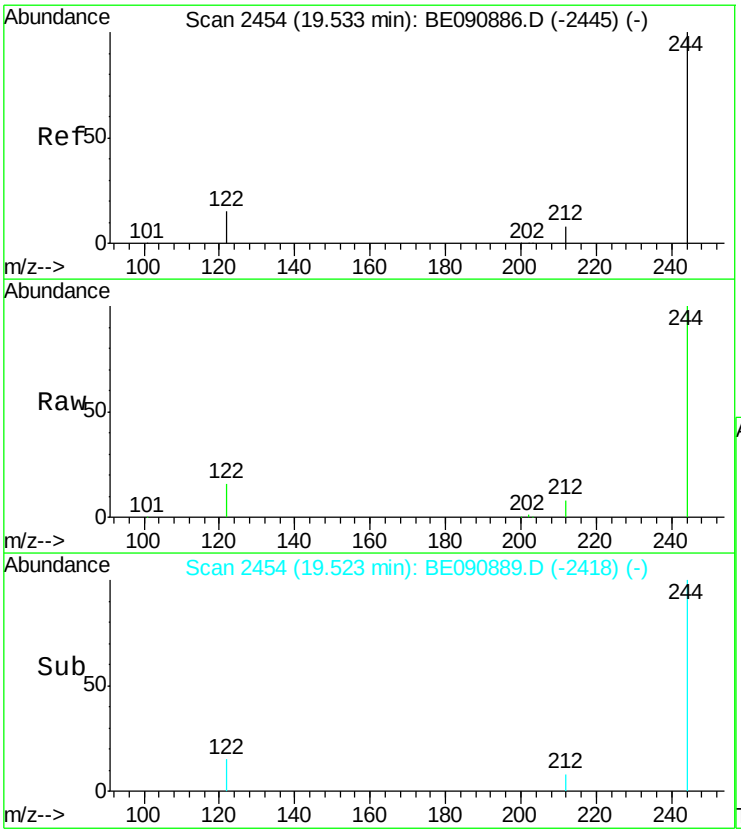
#27
Pyrene
Concen: 9.04 ng
RT: 19.31 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 427748

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.7	25.1
203	17.5	13.8	20.6

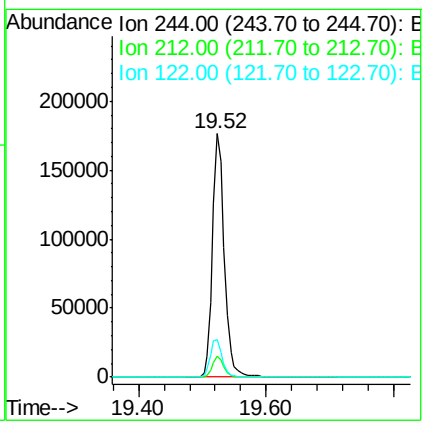


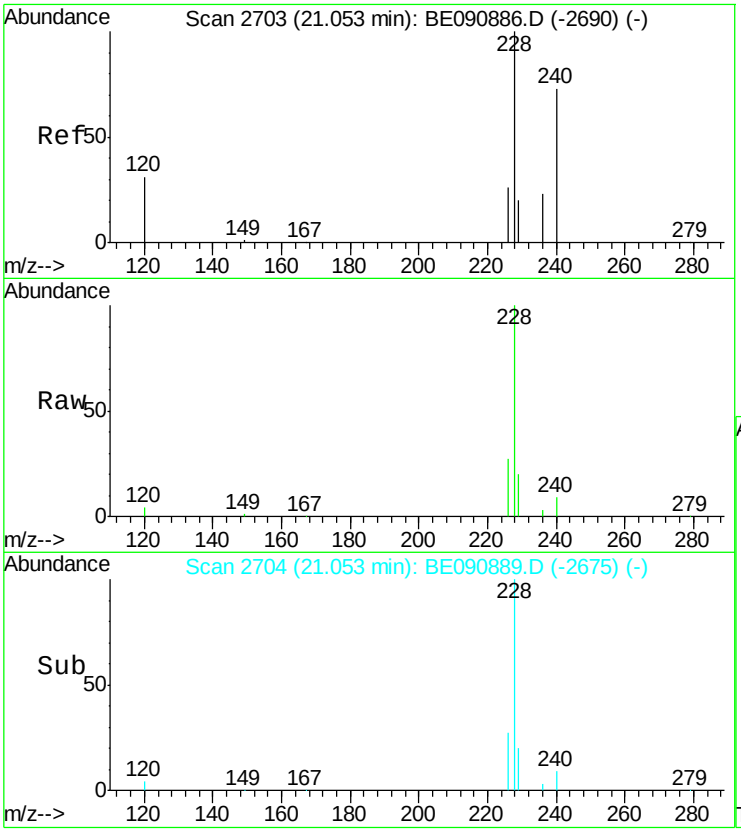


#28
Terphenyl-d14
Concen: 8.55 ng
RT: 19.52 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Tgt Ion:244 Resp: 227470

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	15.6	12.9	19.3



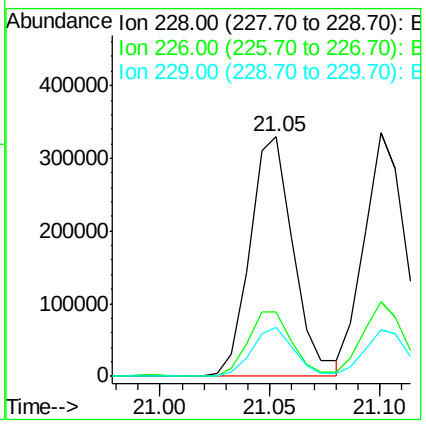


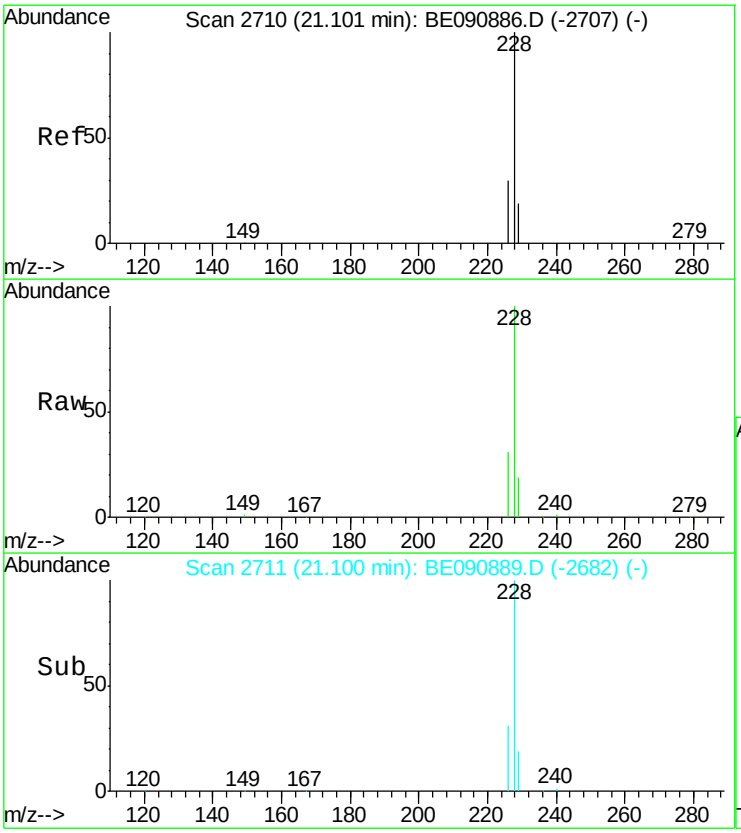
#29
Benzo(a)anthracene
Concen: 8.84 ng
RT: 21.05 min Scan# 2704
Delta R.T. -0.00 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 453553

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.6	32.4
229	20.3	15.9	23.9

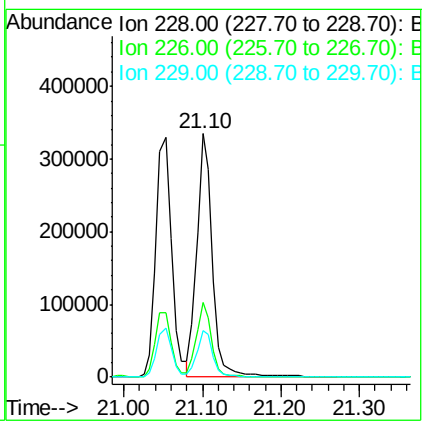


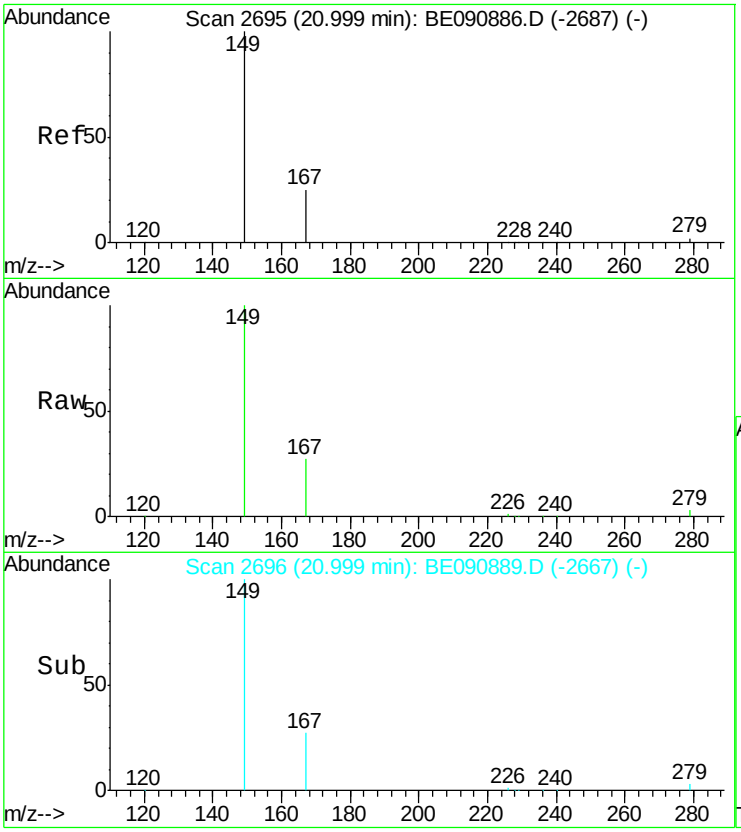


#30
Chrysene
Concen: 8.07 ng
RT: 21.10 min Scan# 2711
Delta R.T. -0.00 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Tgt Ion:228 Resp: 457604

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	19.1	15.3	22.9



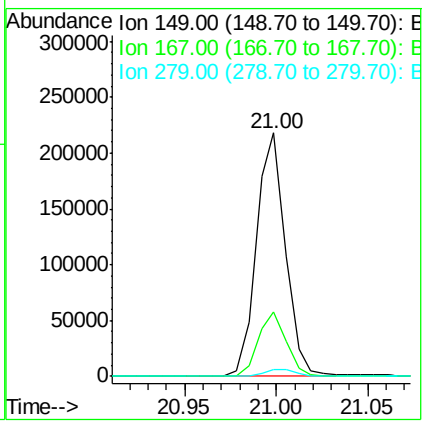


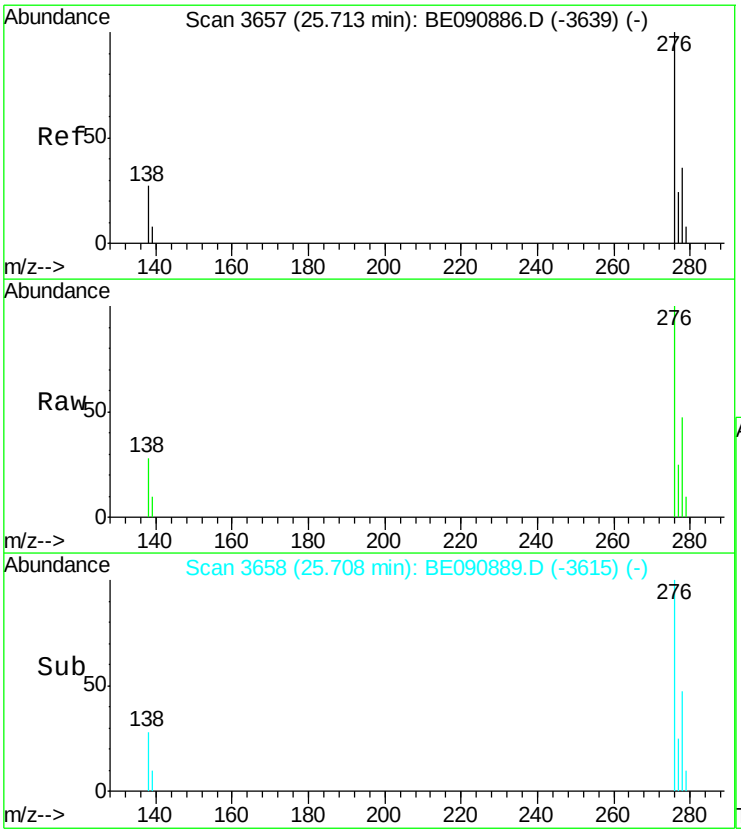
#31
Bis(2-ethylhexyl)phthalate
Concen: 11.62 ng
RT: 21.00 min Scan# 2696
Delta R.T. -0.00 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 240052

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.1	30.1
279	3.0	2.3	3.5

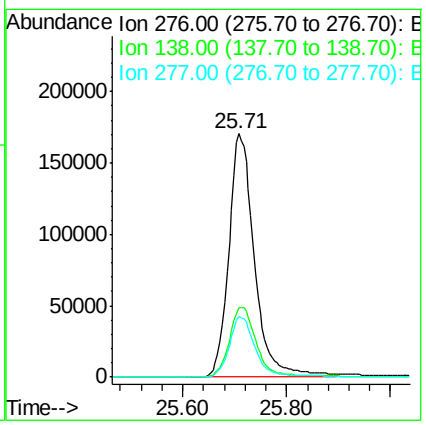


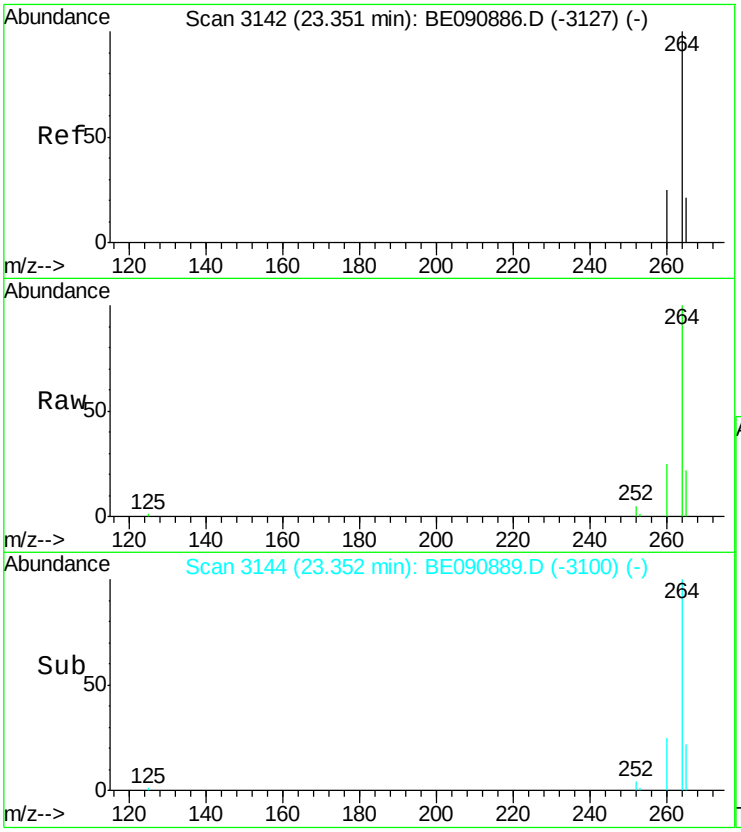


#32
Indeno(1,2,3-cd)pyrene
Concen: 9.75 ng
RT: 25.71 min Scan# 3658
Delta R.T. -0.01 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Tgt Ion:276 Resp: 582800

Ion	Ratio	Lower	Upper
276	100		
138	30.3	23.3	34.9
277	25.1	19.8	29.6



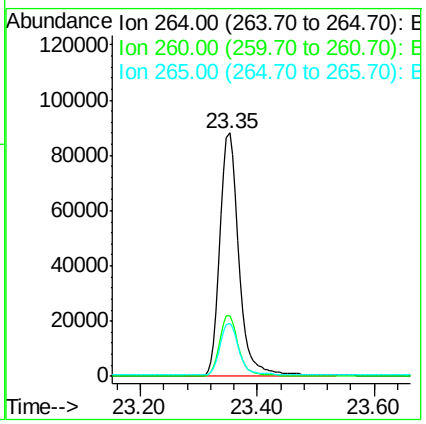


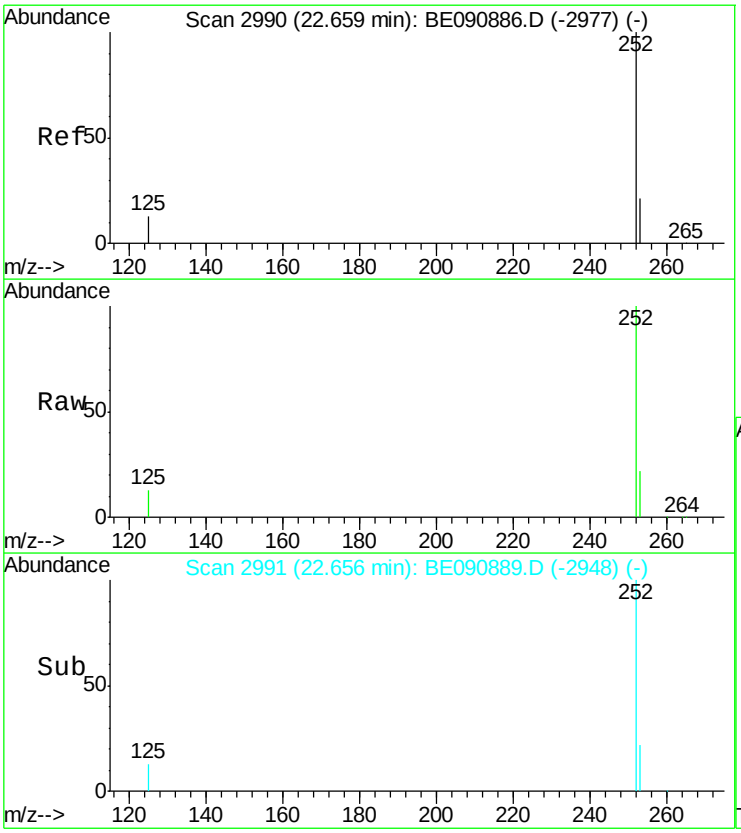
#33
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:264 Resp: 197275

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	21.9	17.5	26.3

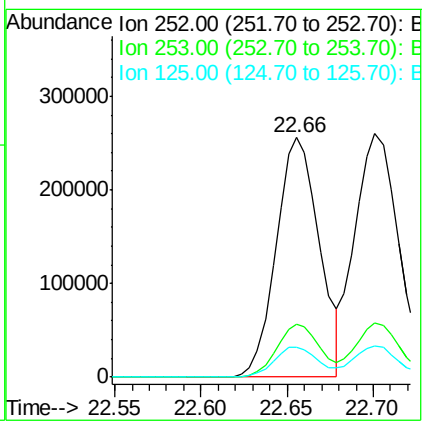


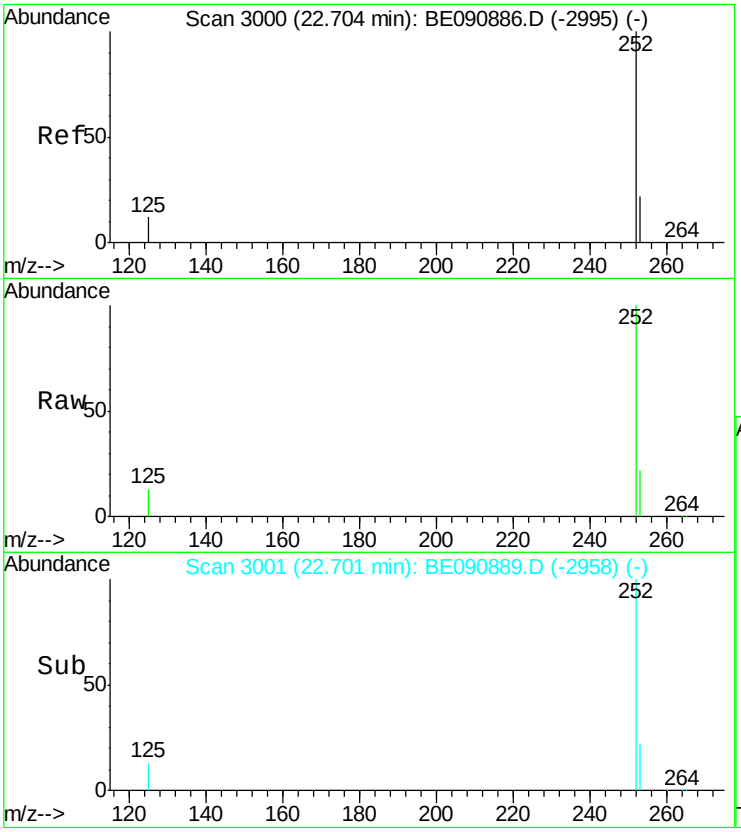


#34
Benzo(b)fluoranthene
Concen: 9.54 ng
RT: 22.66 min Scan# 2991
Delta R.T. -0.00 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Tgt Ion:252 Resp: 443088

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	12.7	10.6	16.0



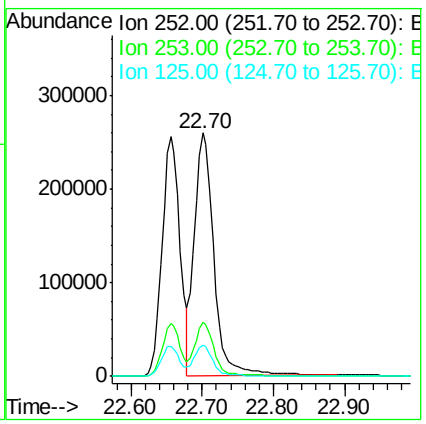


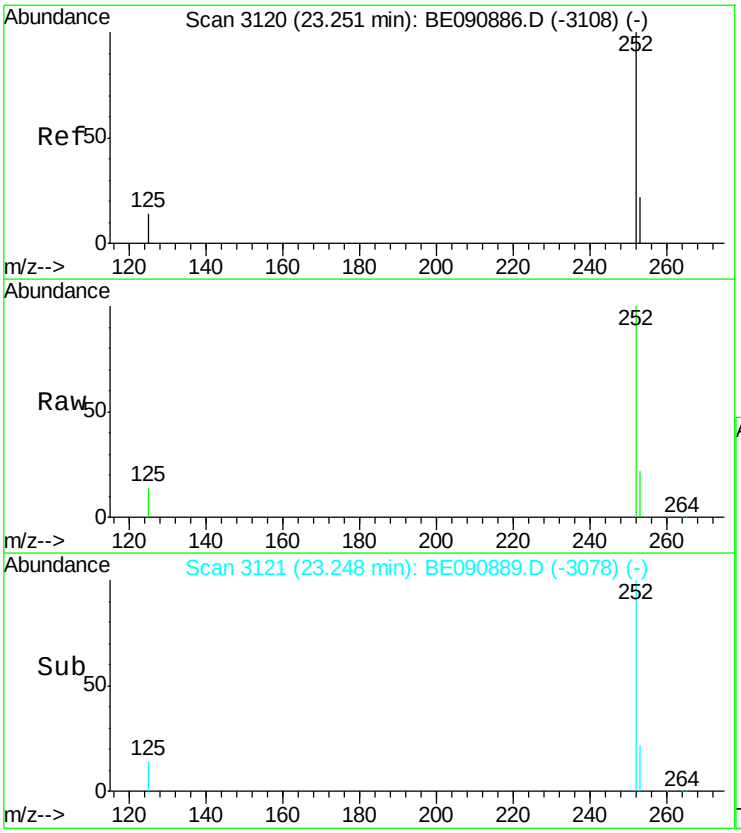
#35
Benzo(k)fluoranthene
Concen: 9.09 ng
RT: 22.70 min Scan# 3001
Delta R.T. -0.00 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 488776

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	12.7	10.1	15.1

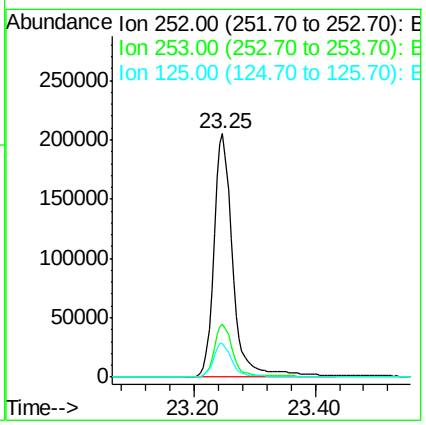


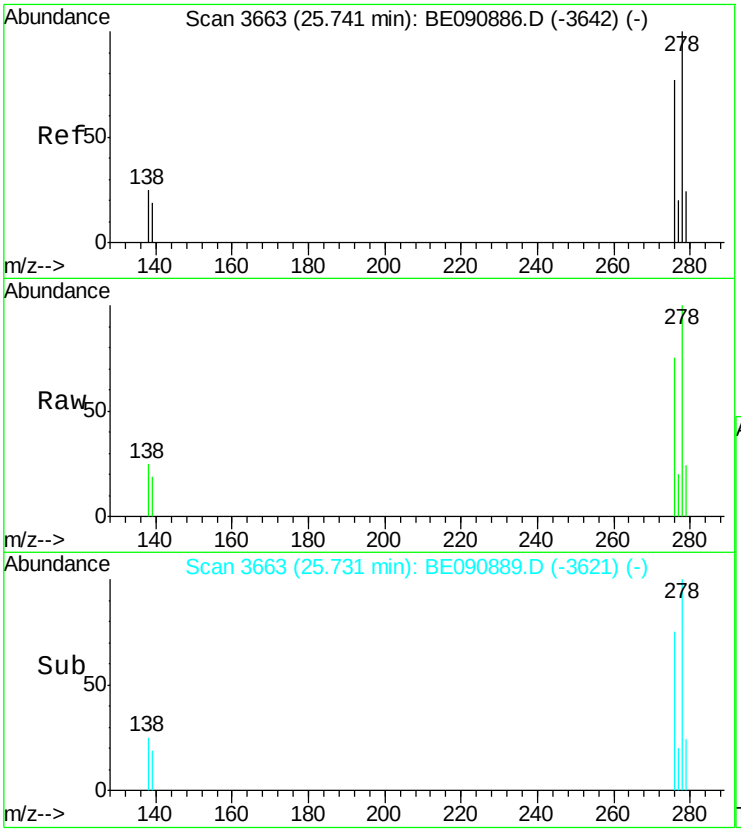


#36
Benzo(a)pyrene
Concen: 10.05 ng
RT: 23.25 min Scan# 3121
Delta R.T. -0.00 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Tgt Ion:252 Resp: 441251

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	14.0	18.0	27.0#



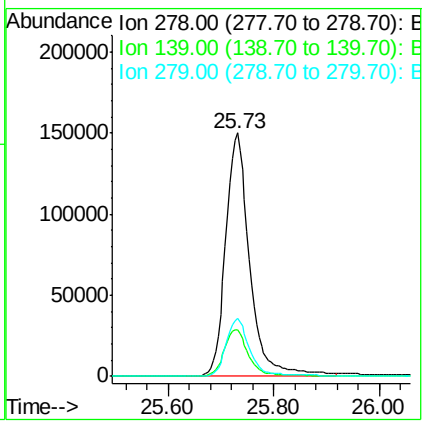


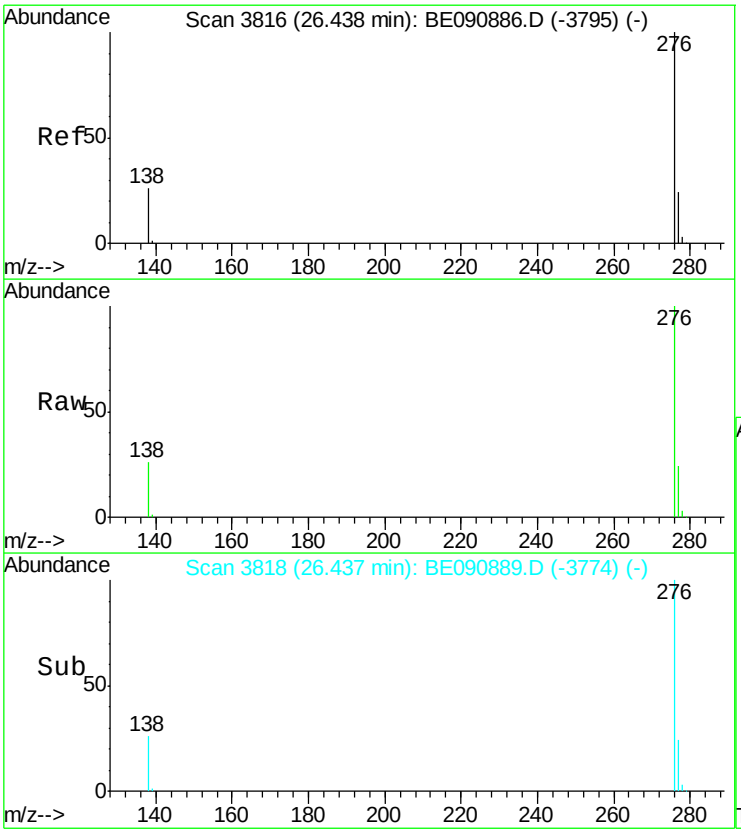
#37
Dibenzo(a,h)anthracene
Concen: 10.46 ng
RT: 25.73 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 475213

Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.4	23.0
279	23.7	18.8	28.2





#38
Benzo(g,h,i)perylene
Concen: 9.81 ng
RT: 26.44 min Scan# 3818
Delta R.T. -0.00 min
Lab File: BE090889.D
Acq: 18 Sep 2015 17:07

Tgt Ion:276 Resp: 481112

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.5	27.7
138	25.7	20.1	30.1