Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080315\
Data File : BE090319.D
Acq On : 3 Aug 2015 21:13
Operator : TP/UM
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.5

Quant Time: Aug 04 01:36:21 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 01:38:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	13098	5.00	ng		0.00
6) Naphthalene-d8	10.35	136	53054	5.00	ng		0.00
12) Acenaphthene-d10	14.21	164	27299	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	58704	5.00	ng		0.00
25) Chrysene-d12	21.11	240	47448	5.00	ng		0.00
32) Perylene-d12	23.42	264	40542	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	1124	0.44	ng		0.00
5) Phenol-d6	6.78	99	1368	0.46	ng		0.00
7) Nitrobenzene-d5	8.74	82	1419	0.44	ng		0.00
13) 2,4,6-Tribromophenol	15.71	330	130	0.40	ng		-0.02
14) 2-Fluorobiphenyl	12.83	172	3681	0.47	ng		0.00
27) Terphenyl-d14	19.58	244	4125	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	961	0.50	ng		99
3) n-Nitrosodimethylamine	3.51	42	1023	0.46	ng	#	98
8) Nitrobenzene	8.78	77	1462	0.45	ng		99
9) Naphthalene	10.40	128	5363	0.47	ng		99
10) Hexachlorobutadiene	10.69	225	751	0.49	ng		98
11) 2-Methylnaphthalene	12.02	142	3322	0.47	ng		98
15) Acenaphthylene	13.93	152	21689	0.46	ng		99
16) Acenaphthene	14.27	154	3219	0.47	ng		97
17) Fluorene	15.26	166	3760	0.46	ng		99
19) 4-Bromophenyl-phenylether	16.16	248	1031	0.46	ng		93
20) Hexachlorobenzene	16.27	284	3828	0.46	ng		100
21) Pentachlorophenol	16.63	266	132	0.34	ng		96
22) Phenanthrene	17.00	178	6170	0.46	ng		99
23) Anthracene	17.08	178	5310	0.45	ng		100
24) Fluoranthene	19.00	202	5977	0.45	ng		99
26) Pyrene	19.36	202	5961	0.43	ng		99
28) Benzo(a)anthracene	21.10	228	4108	0.54	ng		99
29) Chrysene	21.15	228	5641	0.40	ng		99
30) Bis(2-ethylhexyl)phthalate	21.04	149	1062	0.37	ng		98
31) Indeno(1,2,3-cd)pyrene	25.83	276	1802	0.59	ng		99
33) Benzo(b)fluoranthene	22.72	252	2005	0.55	ng		99
34) Benzo(k)fluoranthene	22.76	252	4057	0.42	ng		98
35) Benzo(a)pyrene	23.32	252	2054	0.48	ng		97
36) Dibenzo(a,h)anthracene	25.84	278	984	0.47	ng		96
37) Benzo(g,h,i)perylene	26.56	276	2581	0.57	ng		99

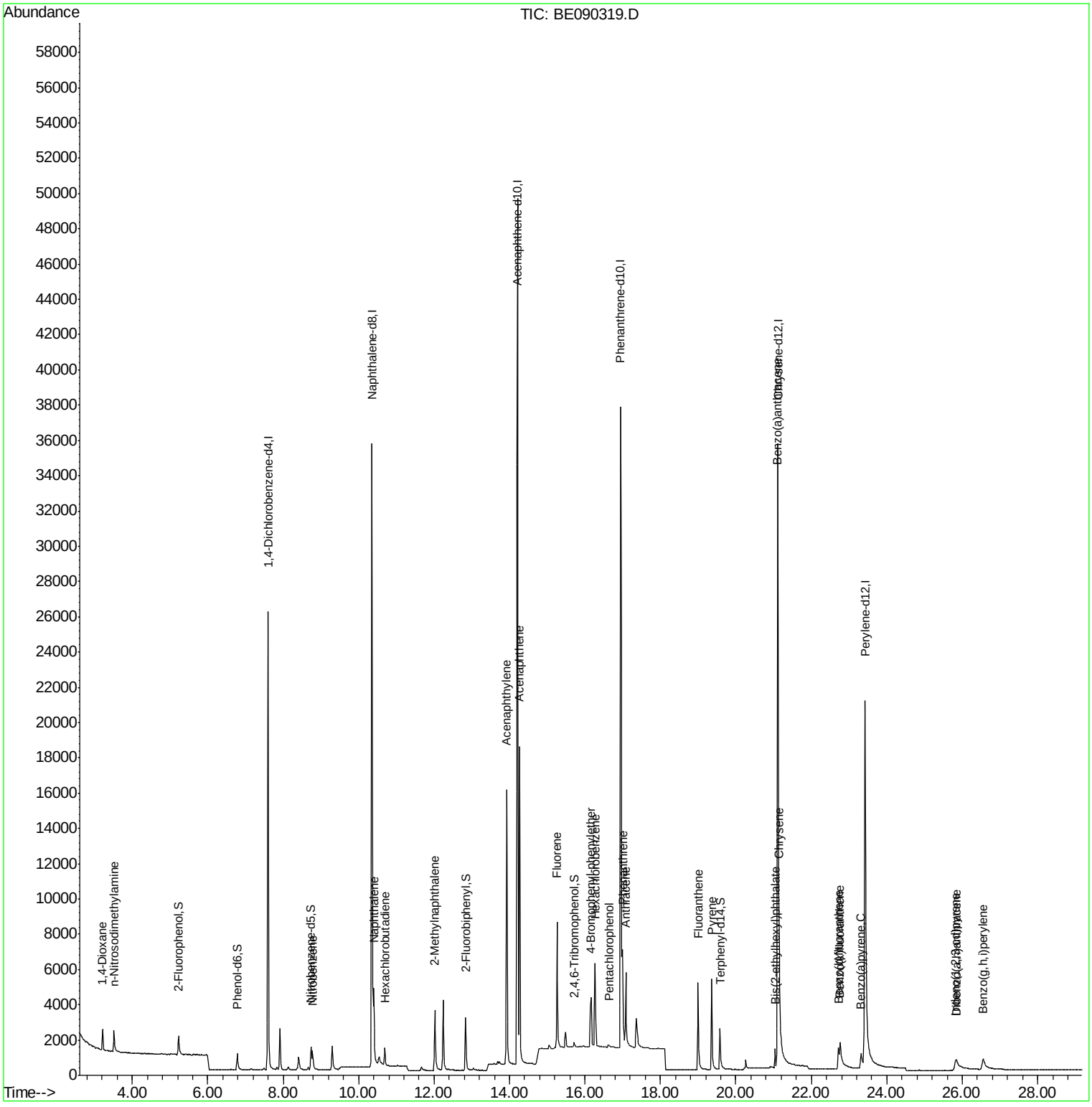
(#) = qualifier out of range (m) = manual integration (+) = signals summed

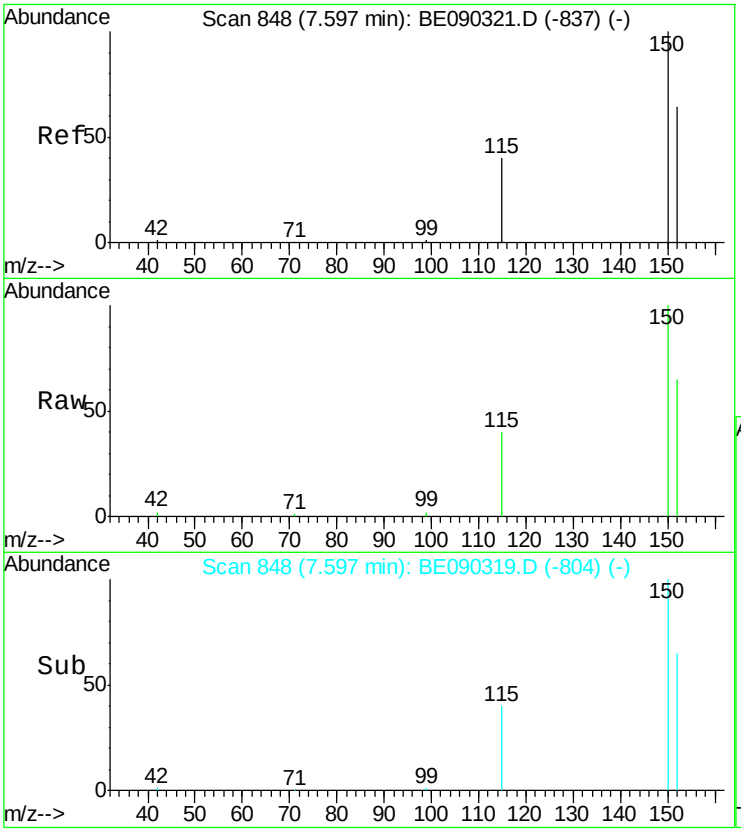
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080315\
Data File : BE090319.D
Acq On : 3 Aug 2015 21:13
Operator : TP/UM
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Quant Time: Aug 04 01:36:21 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 01:38:34 2015
Response via : Initial Calibration



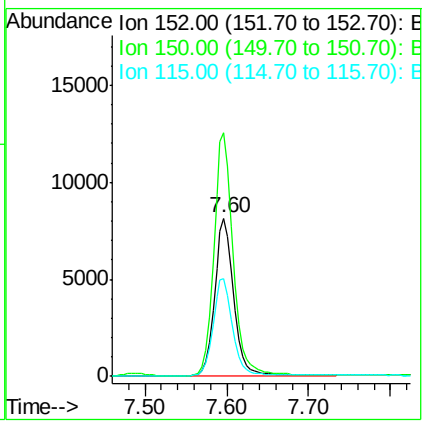


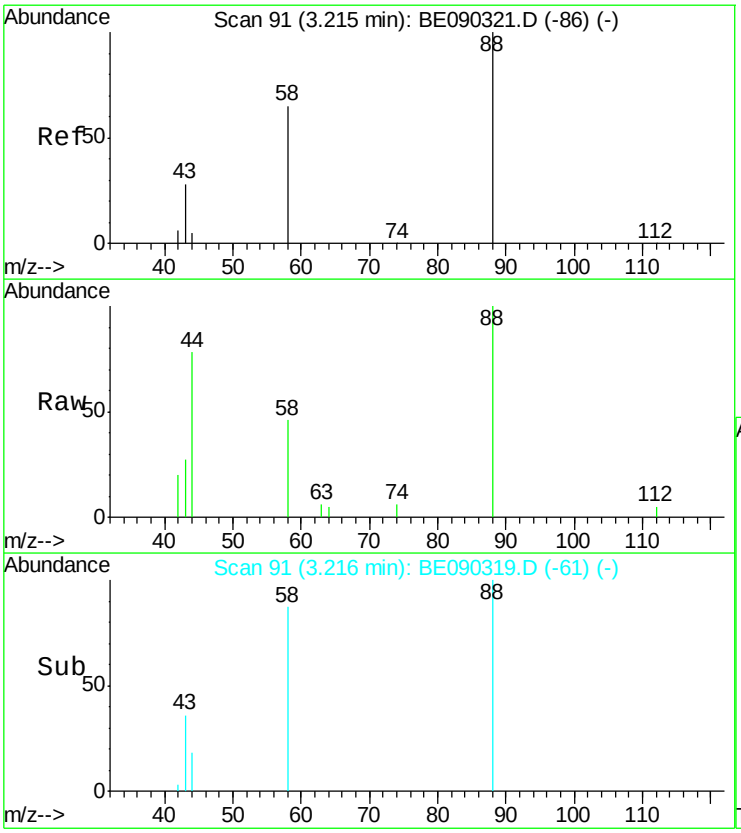
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.60 min Scan# 848
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 13098

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.2	186.2
115	62.2	50.4	75.6

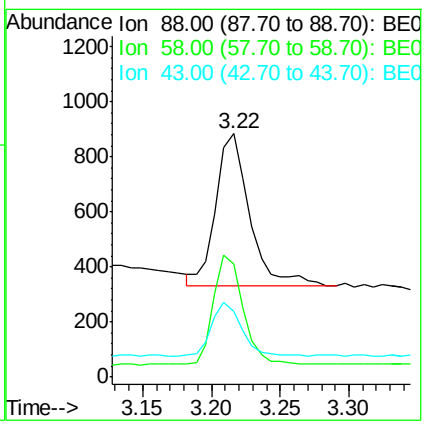


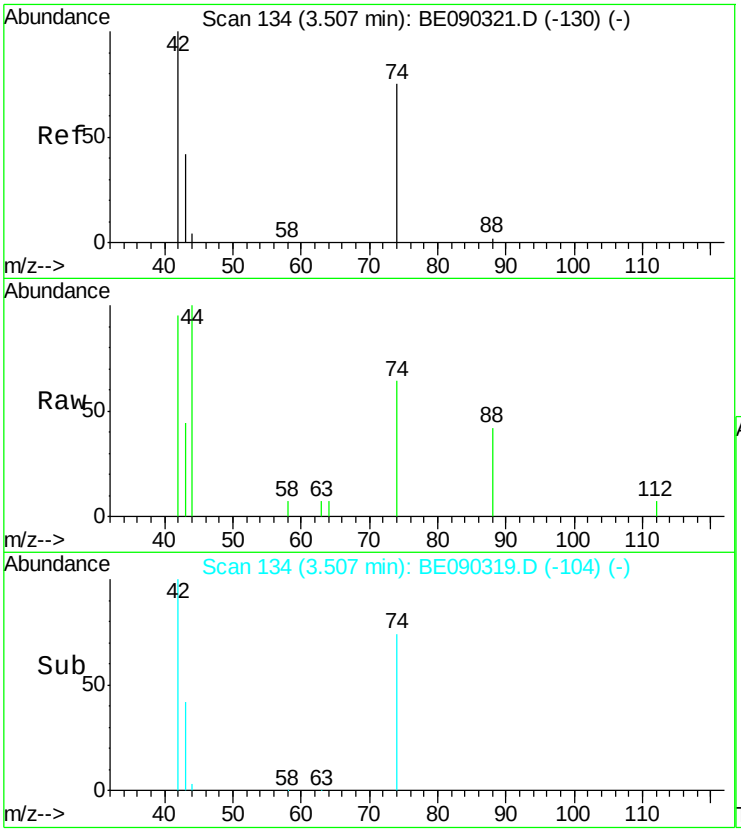


#2
1,4-Dioxane
Concen: 0.50 ng
RT: 3.22 min Scan# 91
Delta R.T. 0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Tgt Ion: 88 Resp: 961

Ion	Ratio	Lower	Upper
88	100		
58	61.4	50.2	75.2
43	31.5	25.0	37.6



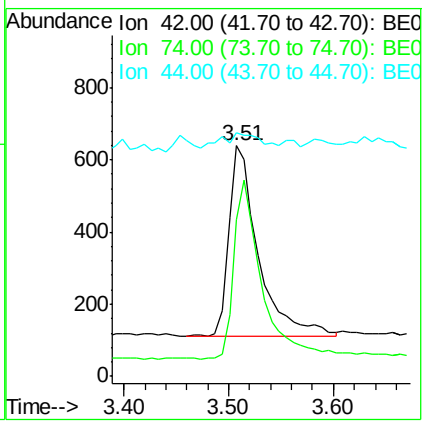


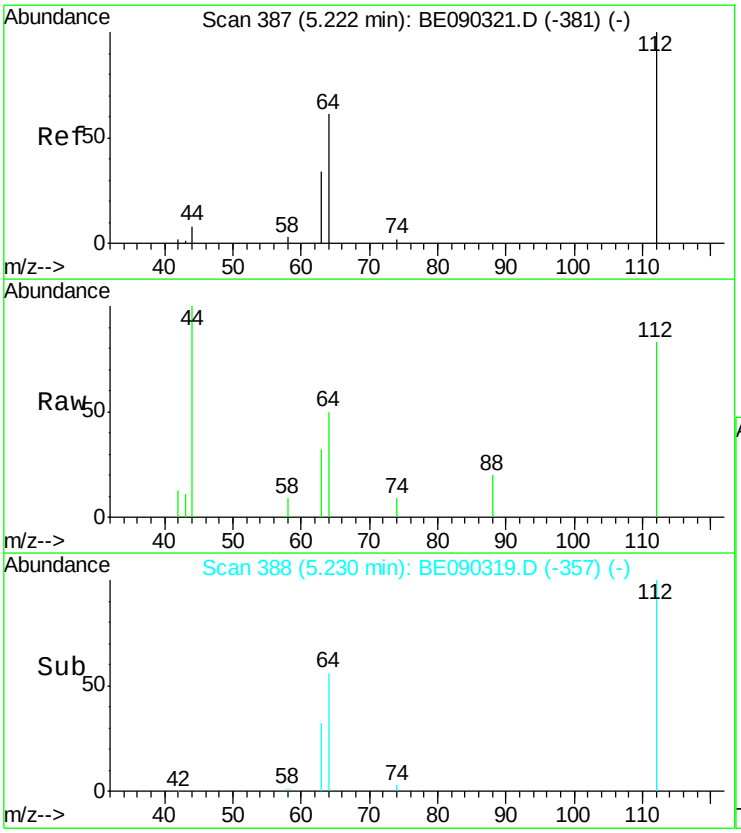
#3
n-Nitrosodimethylamine
Concen: 0.46 ng
RT: 3.51 min Scan# 134
Delta R.T. 0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion: 42 Resp: 1023

Ion	Ratio	Lower	Upper
42	100		
74	92.3	73.2	109.8
44	11.4	3.8	5.6#

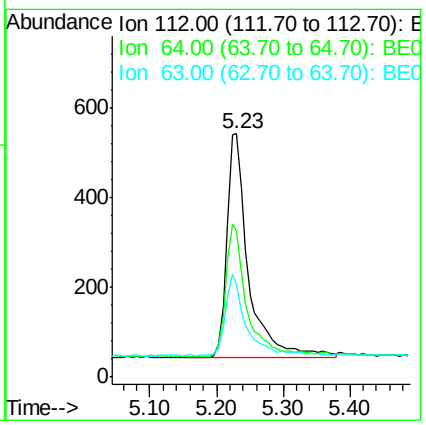


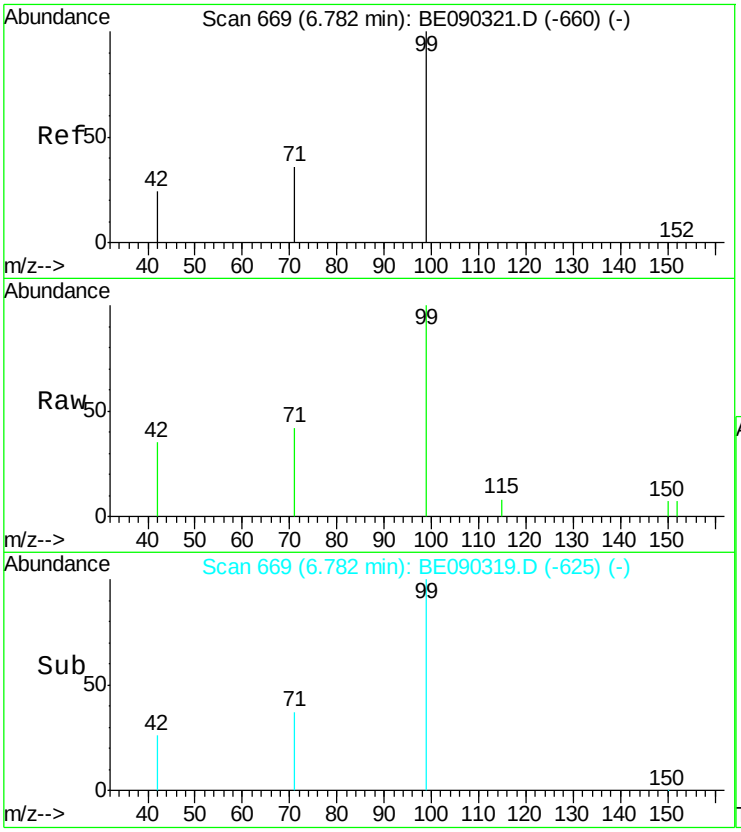


#4
2-Fluorophenol
Concen: 0.44 ng
RT: 5.23 min Scan# 388
Delta R.T. 0.01 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Tgt Ion:112 Resp: 1124

Ion	Ratio	Lower	Upper
112	100		
64	57.7	49.0	73.4
63	34.8	27.7	41.5



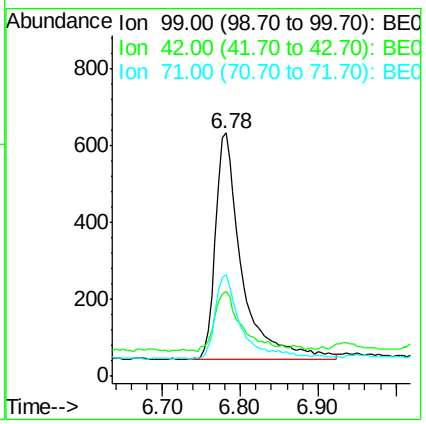


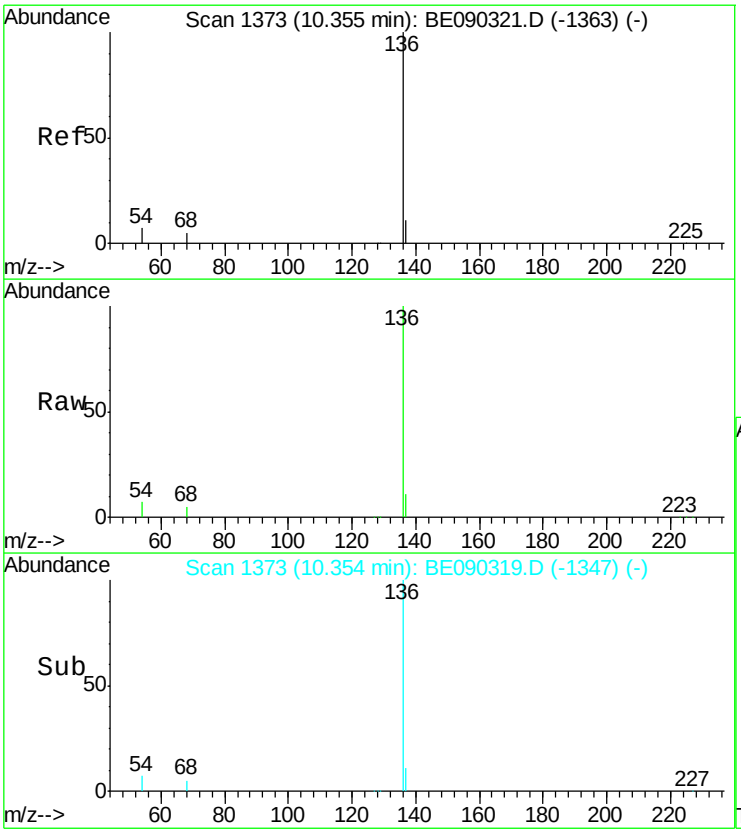
#5
Phenol-d6
Concen: 0.46 ng
RT: 6.78 min Scan# 669
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion: 99 Resp: 1368

Ion	Ratio	Lower	Upper
99	100		
42	27.0	22.2	33.2
71	37.3	29.2	43.8

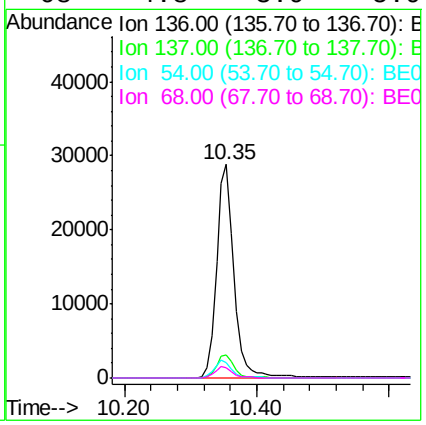


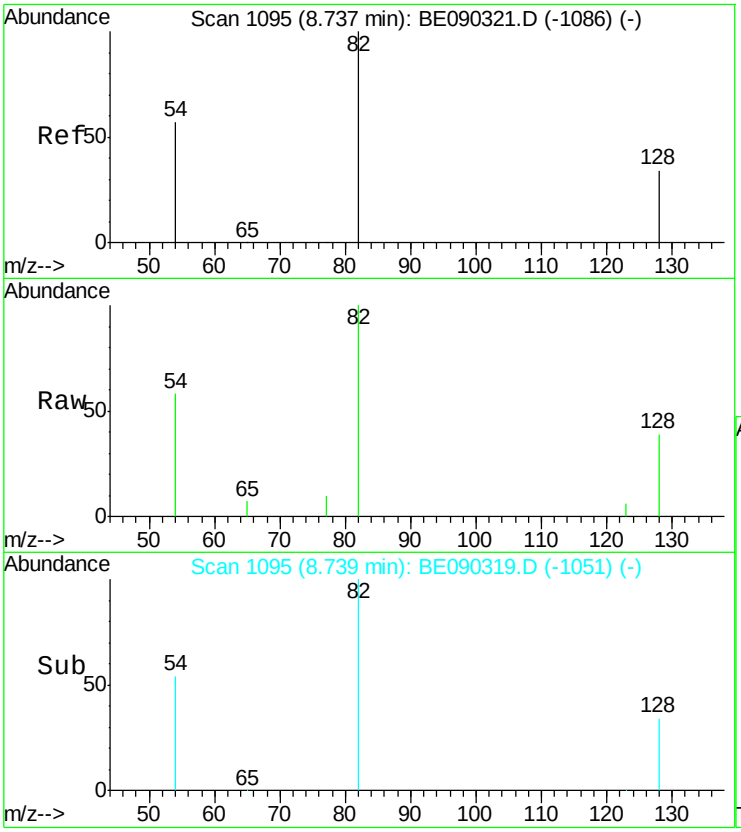


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.35 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Tgt Ion:136 Resp: 53054

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.5	6.0	9.0
68	4.8	3.9	5.9



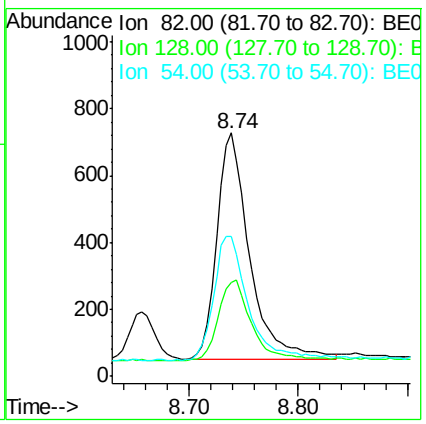


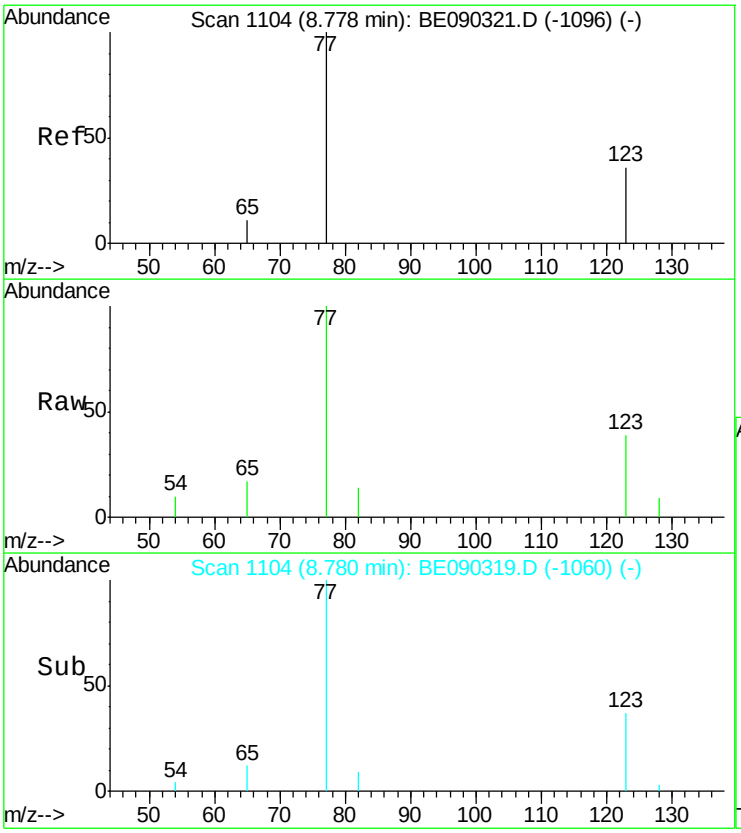
#7
Nitrobenzene-d5
Concen: 0.44 ng
RT: 8.74 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion: 82 Resp: 1419

Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.8	46.2
54	57.7	47.5	71.3

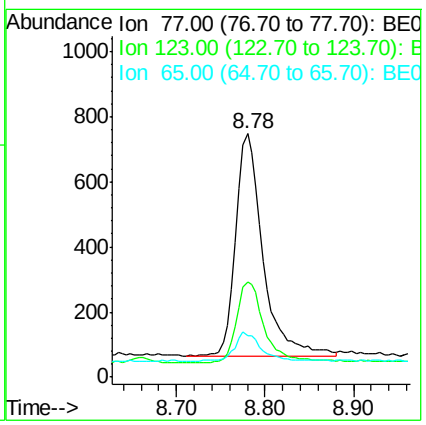


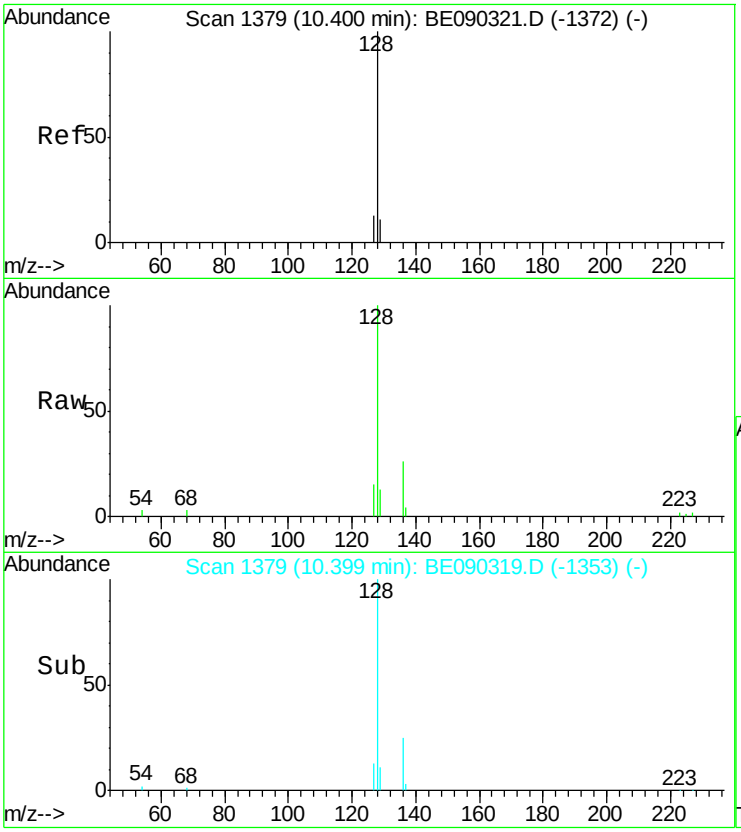


#8
Nitrobenzene
Concen: 0.45 ng
RT: 8.78 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Tgt Ion: 77 Resp: 1462

Ion	Ratio	Lower	Upper
77	100		
123	37.2	29.6	44.4
65	12.4	10.4	15.6



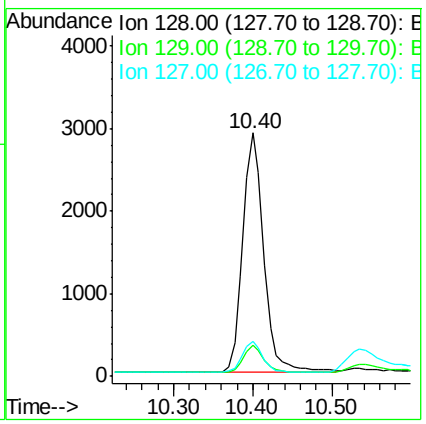


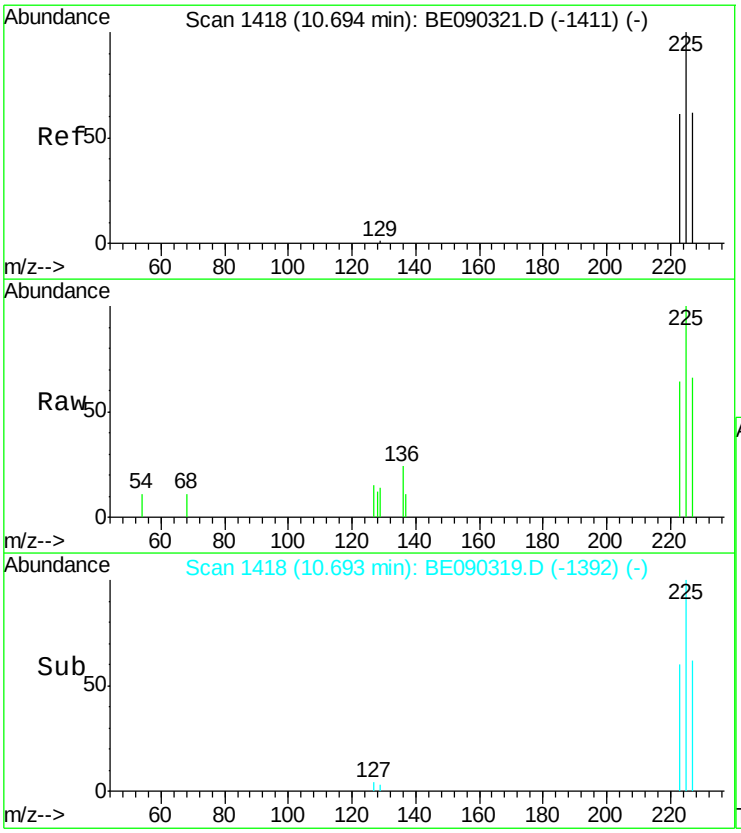
#9
Naphthalene
Concen: 0.47 ng
RT: 10.40 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:128 Resp: 5363

Ion	Ratio	Lower	Upper
128	100		
129	12.6	10.1	15.1
127	14.6	11.3	16.9

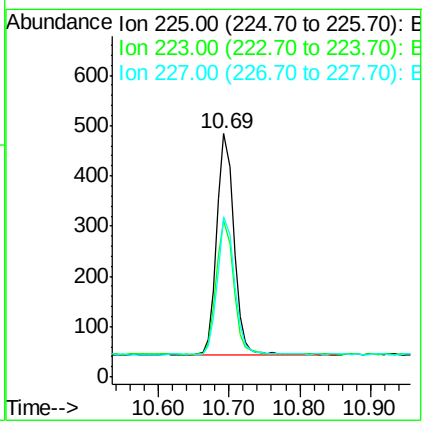


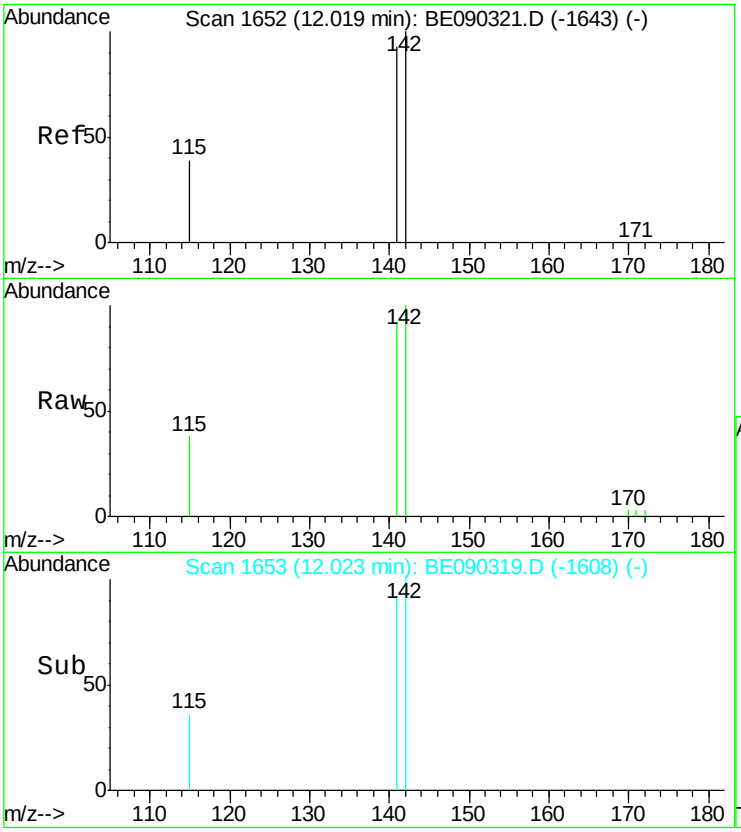


#10
Hexachlorobutadiene
Concen: 0.49 ng
RT: 10.69 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Tgt Ion:225 Resp: 751

Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.4	75.6
227	60.9	49.6	74.4



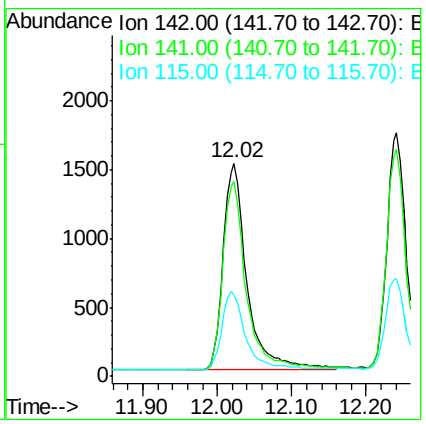


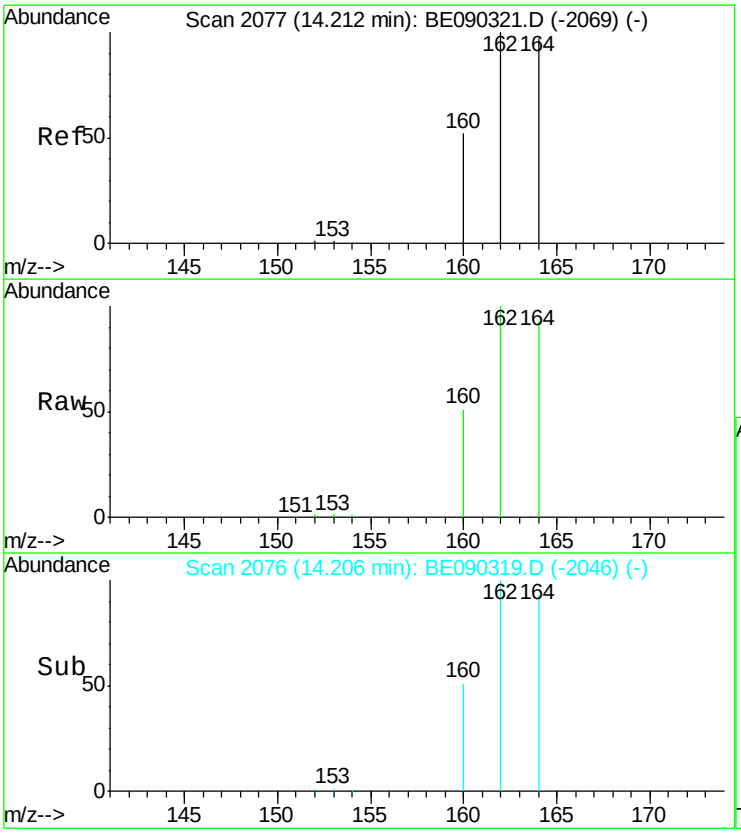
#11
2-Methylnaphthalene
Concen: 0.47 ng
RT: 12.02 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:142 Resp: 3322

Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.6	112.0
115	38.3	32.6	49.0

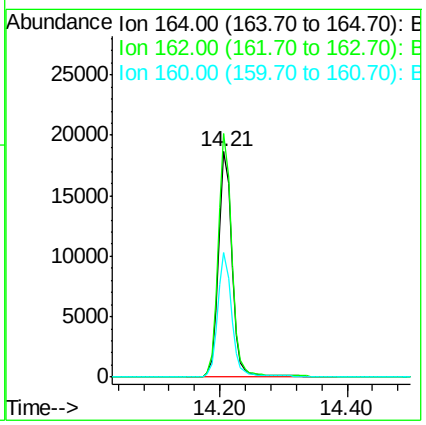


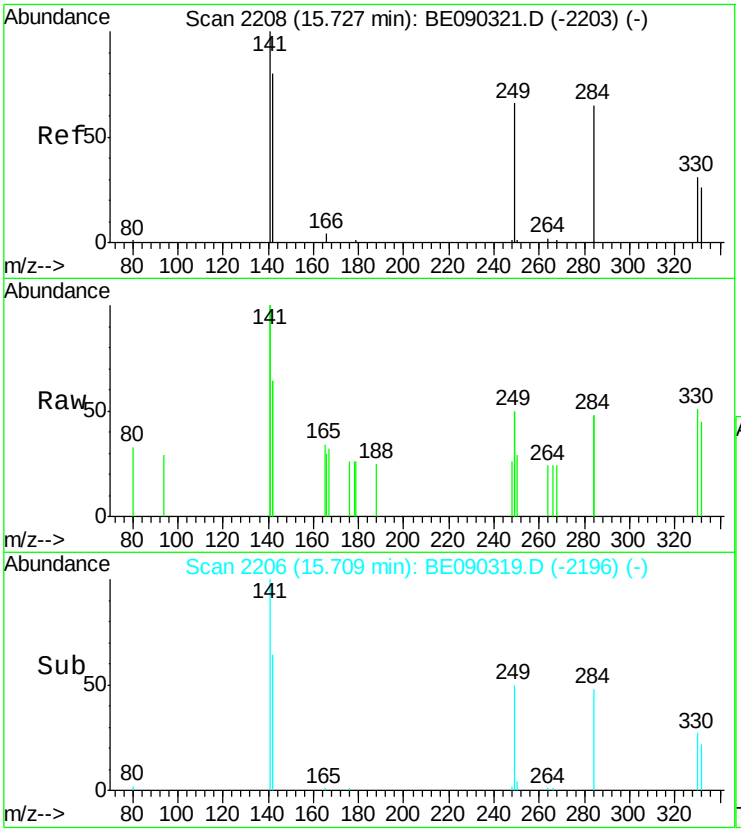


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.21 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Tgt Ion:164 Resp: 27299

Ion	Ratio	Lower	Upper
164	100		
162	108.0	82.7	124.1
160	55.4	43.0	64.6



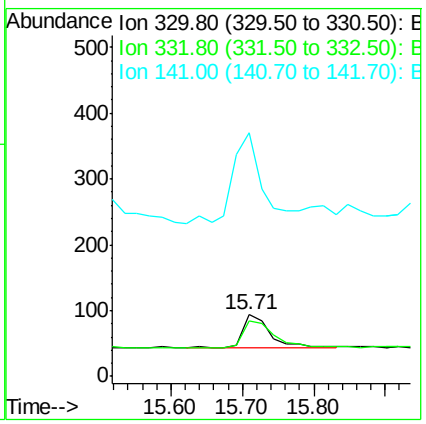


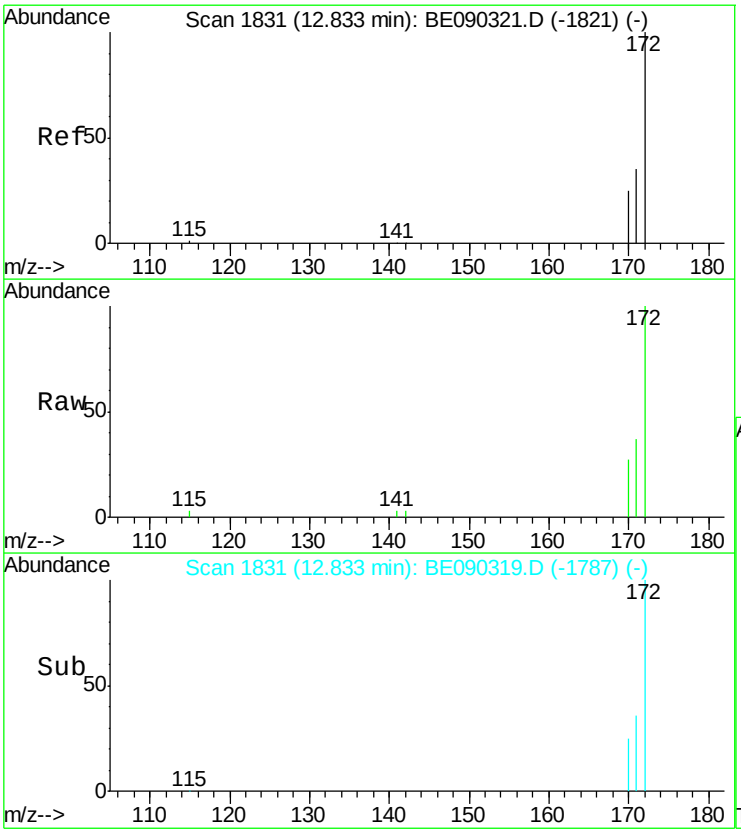
#13
2,4,6-Tribromophenol
Concen: 0.40 ng
RT: 15.71 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:330 Resp: 130

Ion	Ratio	Lower	Upper
330	100		
332	93.8	79.4	119.0
141	293.8	245.9	368.9

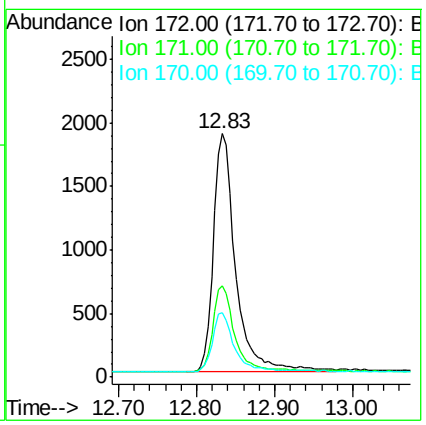


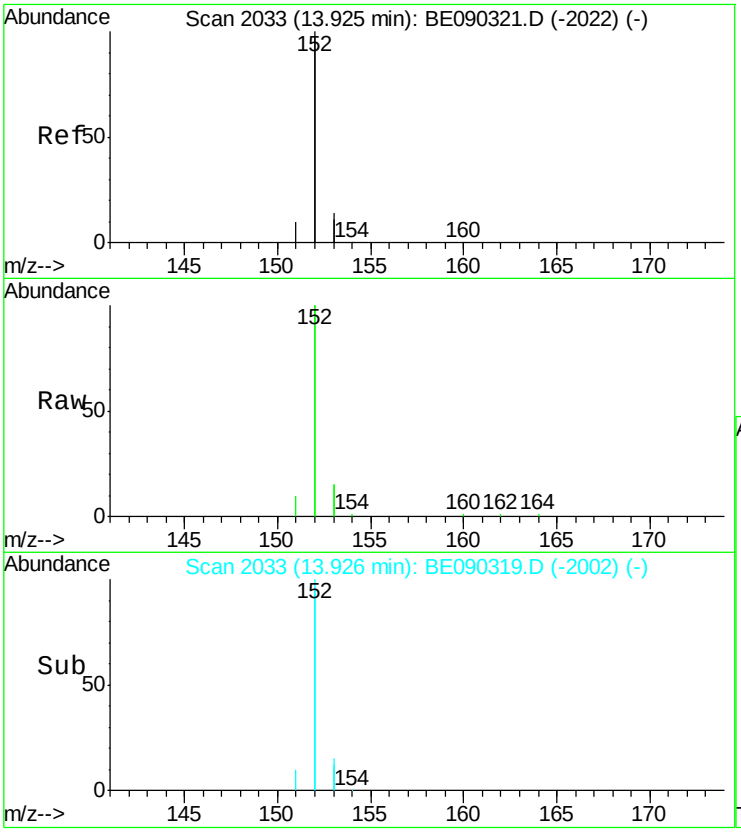


#14
2-Fluorobiphenyl
Concen: 0.47 ng
RT: 12.83 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Tgt Ion:172 Resp: 3681

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.5	44.3
170	26.6	21.3	31.9



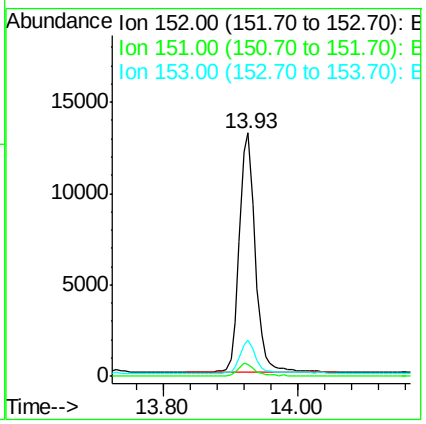


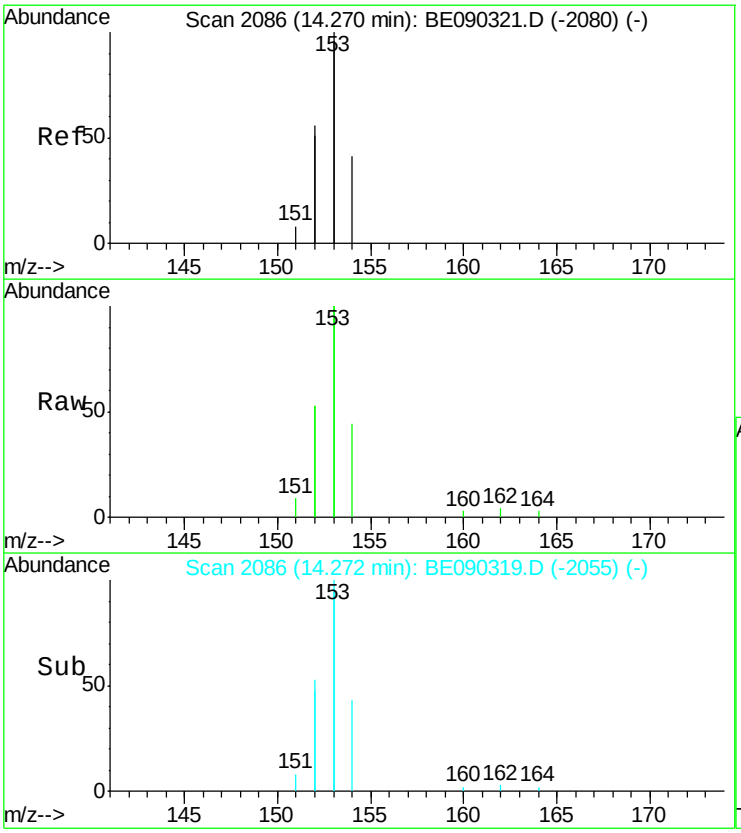
#15
Acenaphthylene
Concen: 0.46 ng
RT: 13.93 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 21689

Ion	Ratio	Lower	Upper
152	100		
151	5.0	4.0	6.0
153	13.1	10.2	15.4

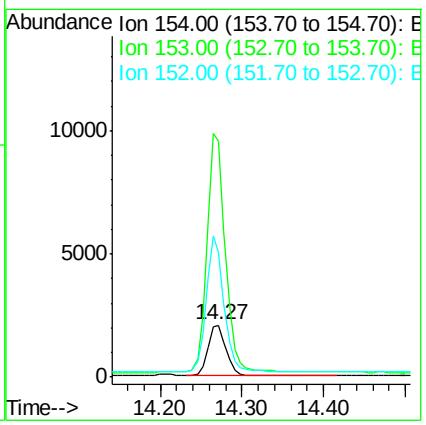


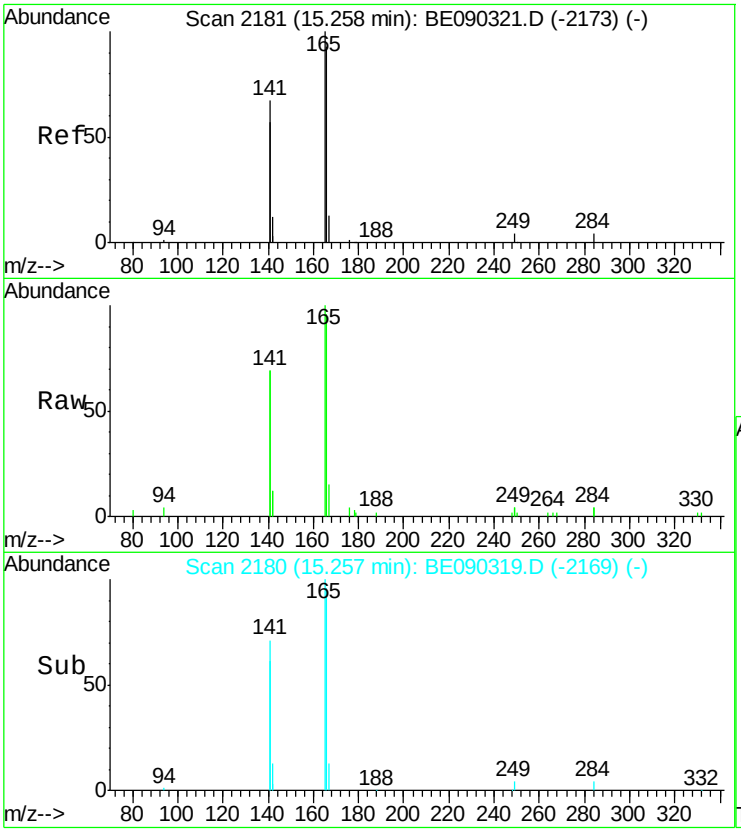


#16
Acenaphthene
Concen: 0.47 ng
RT: 14.27 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Tgt Ion:154 Resp: 3219

Ion	Ratio	Lower	Upper
154	100		
153	467.5	378.0	567.0
152	259.0	212.7	319.1



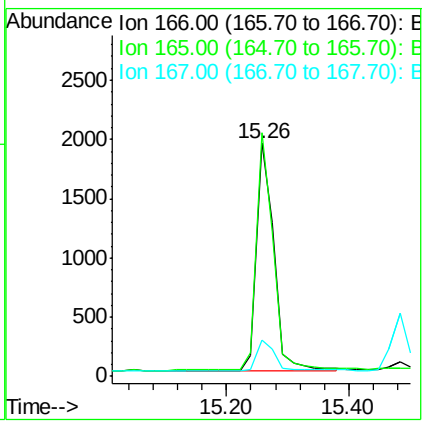


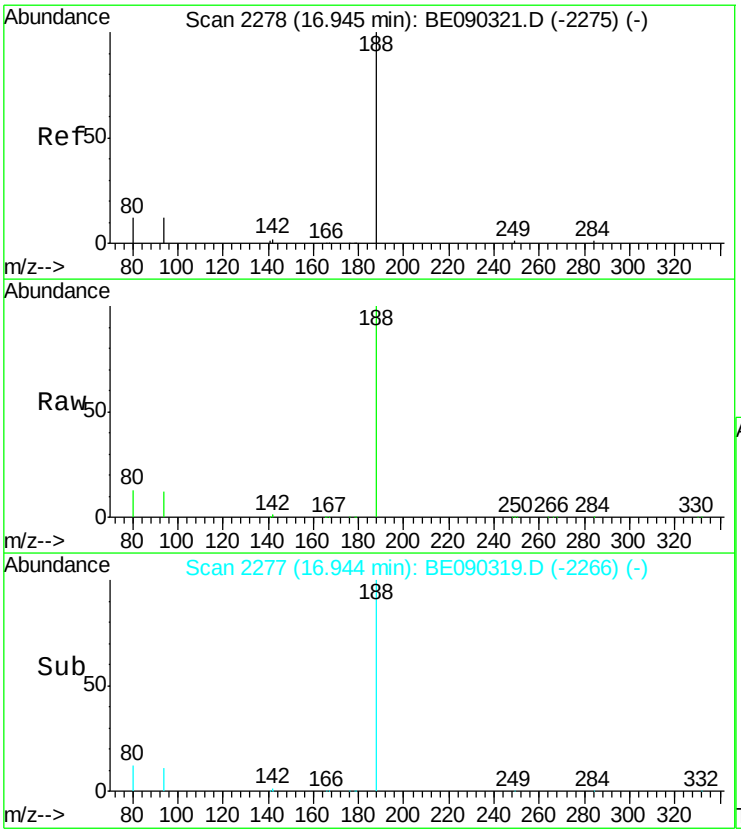
#17
Fluorene
Concen: 0.46 ng
RT: 15.26 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:166 Resp: 3760

Ion	Ratio	Lower	Upper
166	100		
165	102.2	82.6	123.8
167	14.7	11.8	17.8

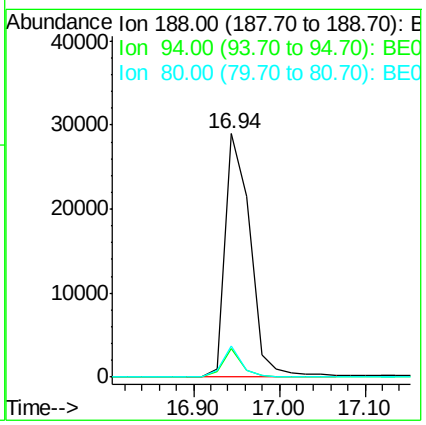


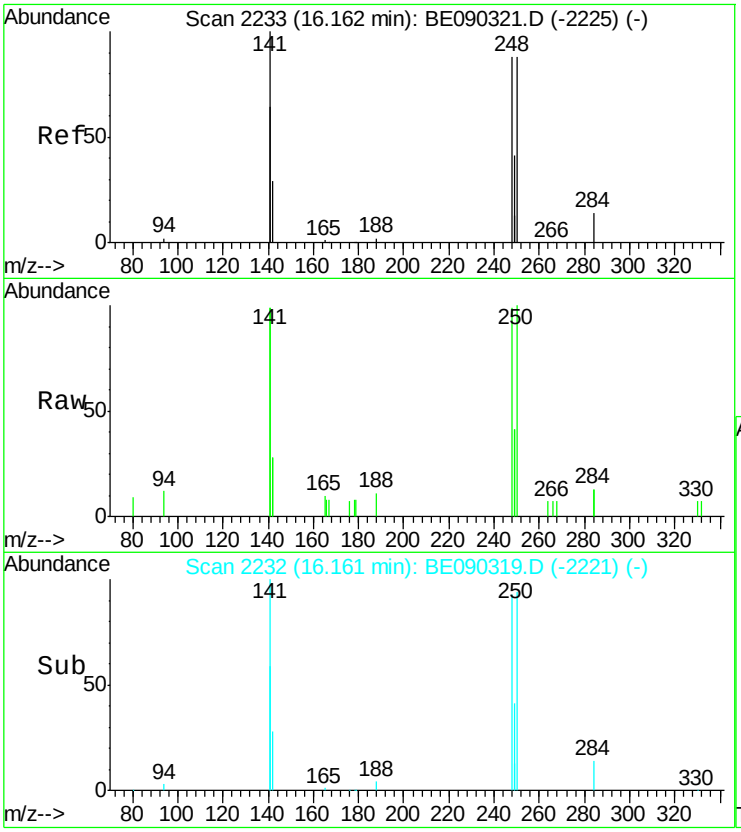


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Tgt Ion:188 Resp: 58704

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.5	14.3
80	12.6	10.0	15.0



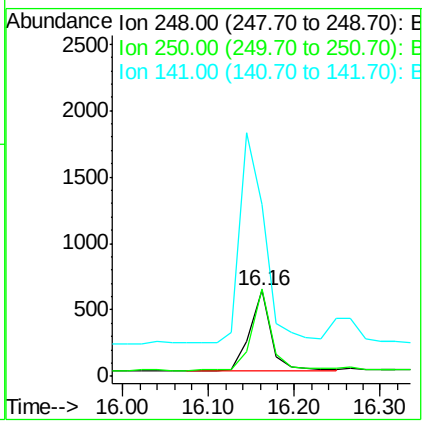


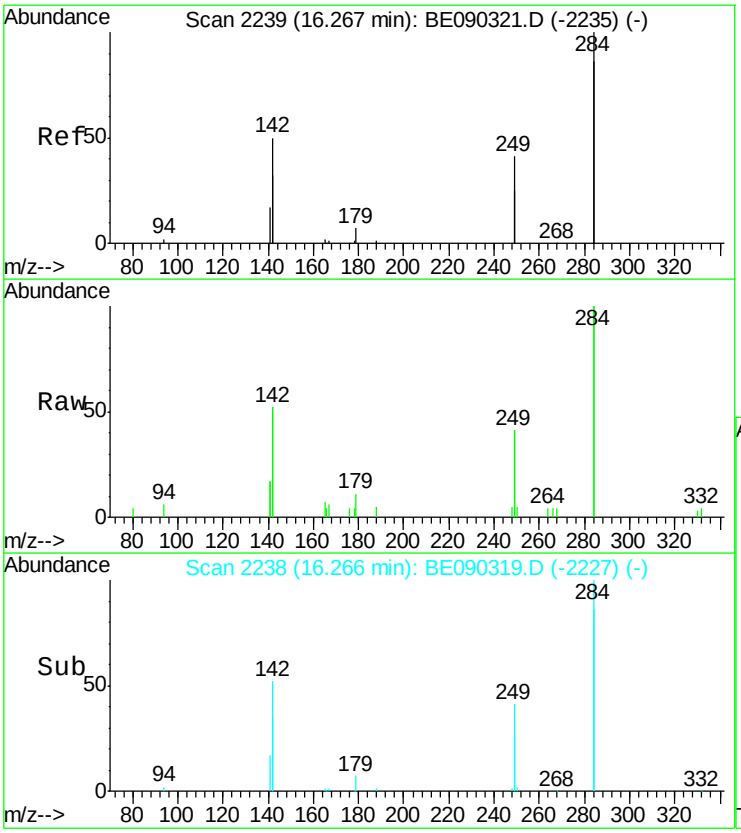
#19
4-Bromophenyl-phenylether
Concen: 0.46 ng
RT: 16.16 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:248 Resp: 1031

Ion	Ratio	Lower	Upper
248	100		
250	96.4	74.0	111.0
141	306.8	258.9	388.3

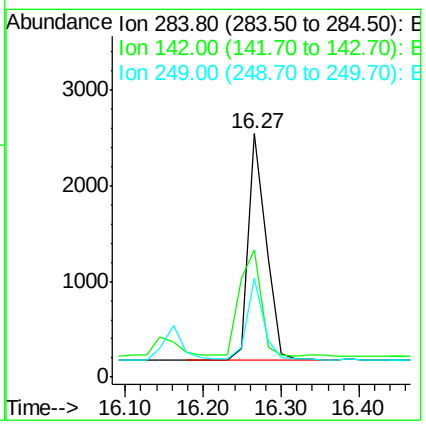


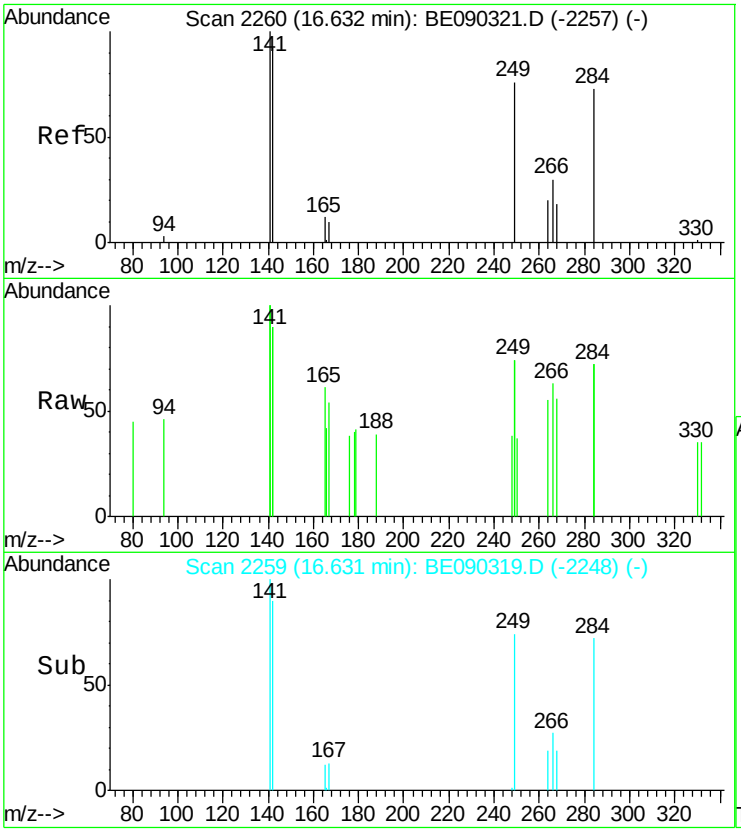


#20
Hexachlorobenzene
Concen: 0.46 ng
RT: 16.27 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Tgt Ion:284 Resp: 3828

Ion	Ratio	Lower	Upper
284	100		
142	55.6	44.2	66.4
249	33.0	26.4	39.6



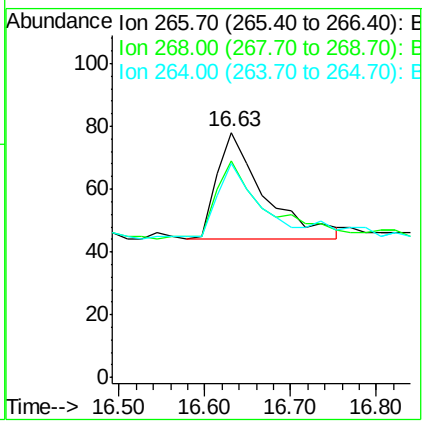


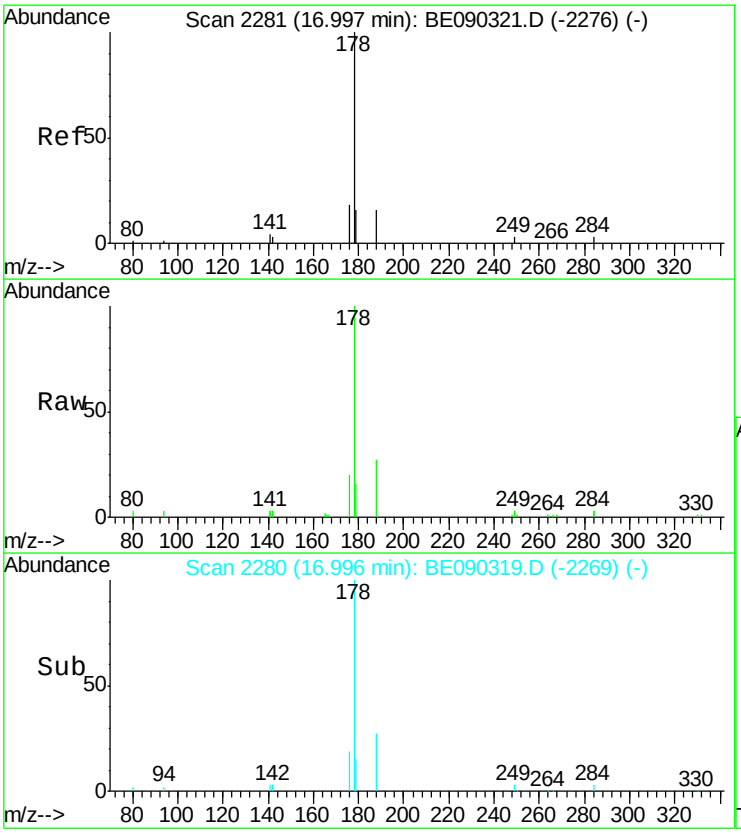
#21
Pentachlorophenol
Concen: 0.34 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:266 Resp: 132

Ion	Ratio	Lower	Upper
266	100		
268	88.5	66.2	99.2
264	87.2	69.1	103.7

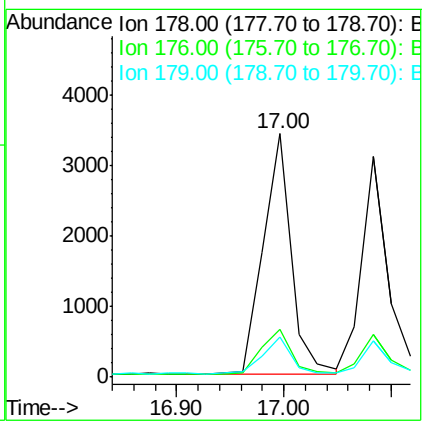


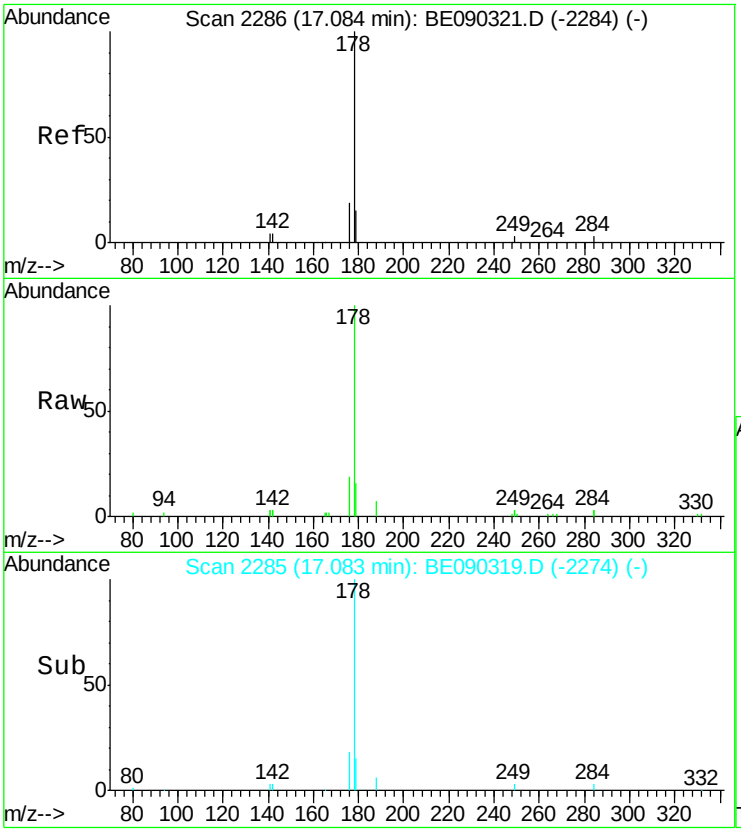


#22
Phenanthrene
Concen: 0.46 ng
RT: 17.00 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Tgt Ion:178 Resp: 6170

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.8	12.6	18.8



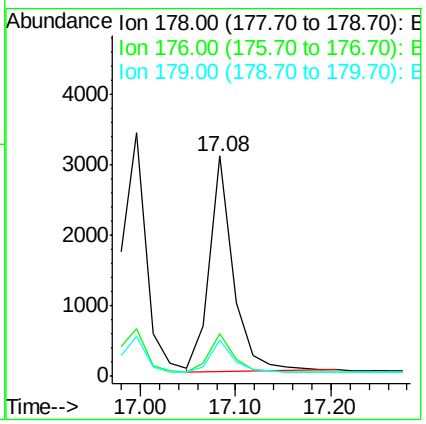


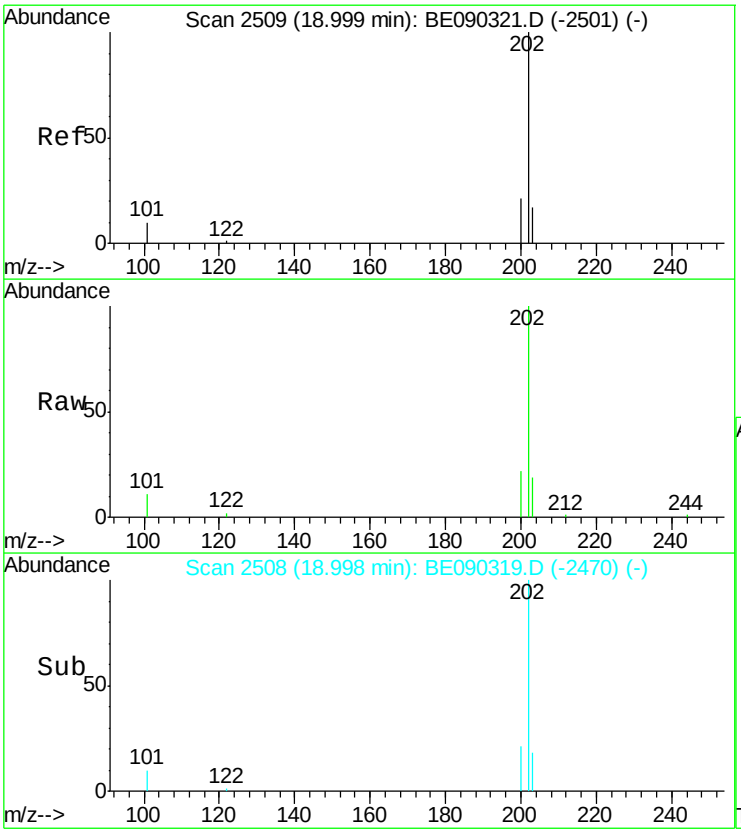
#23
Anthracene
Concen: 0.45 ng
RT: 17.08 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:178 Resp: 5310

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.3	12.1	18.1

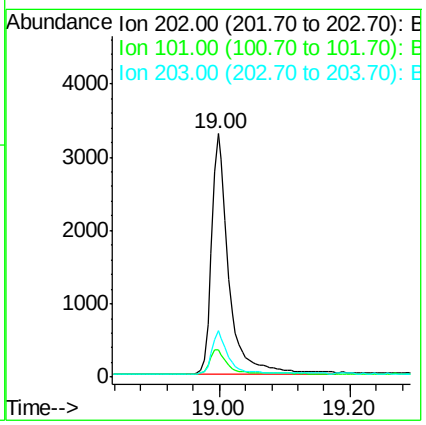


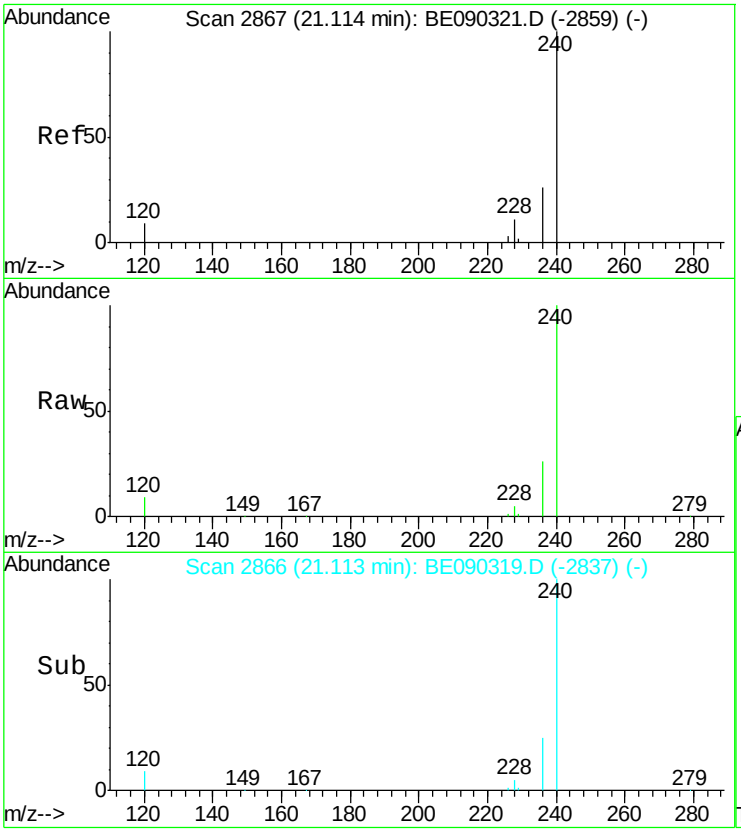


#24
Fluoranthene
Concen: 0.45 ng
RT: 19.00 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Tgt Ion:202 Resp: 5977

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.3	12.5
203	16.9	13.8	20.8



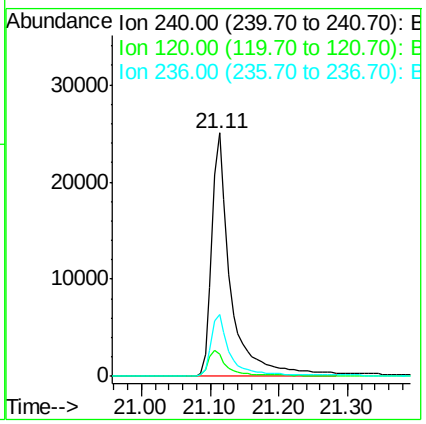


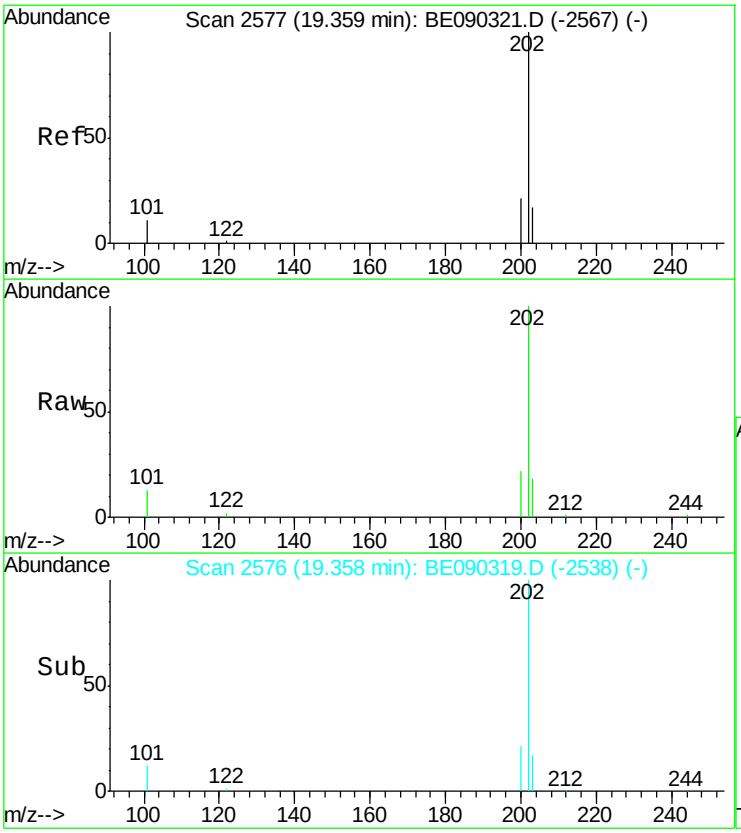
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.11 min Scan# 2866
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:240 Resp: 47448

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.5	11.3
236	25.6	21.0	31.4

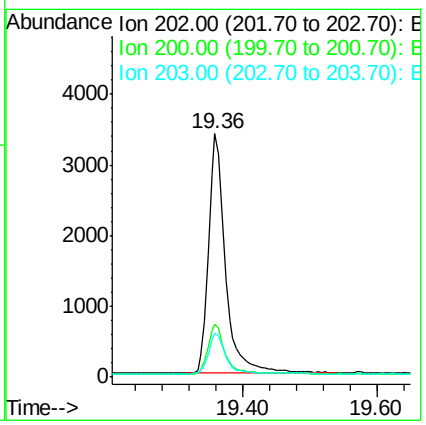


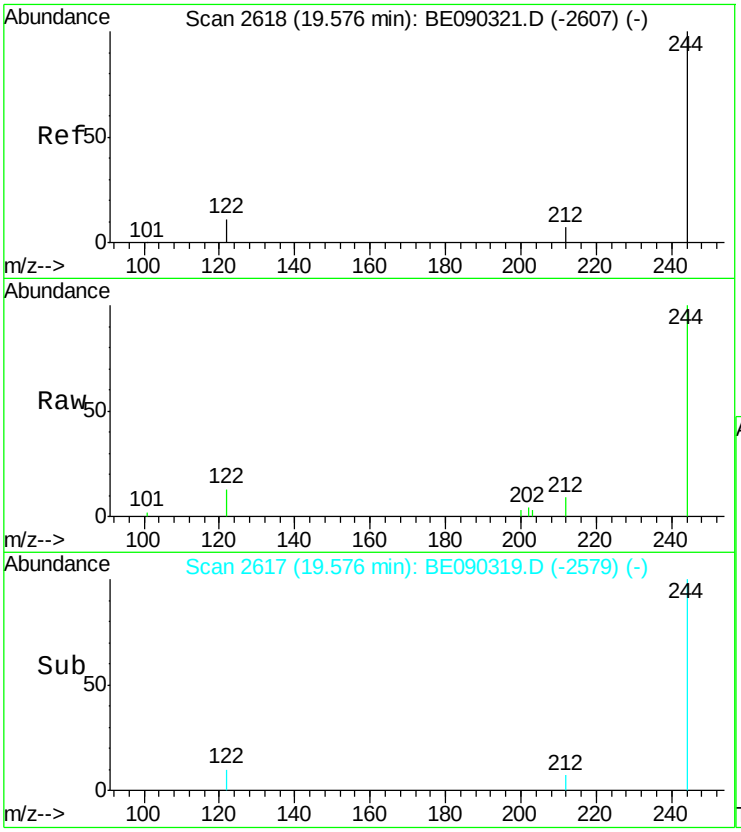


#26
Pyrene
Concen: 0.43 ng
RT: 19.36 min Scan# 2576
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Tgt Ion:202 Resp: 5961

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	17.3	13.8	20.6



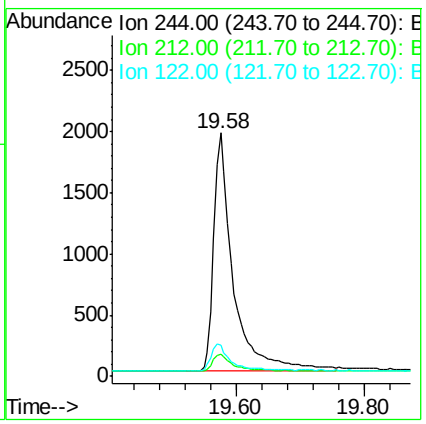


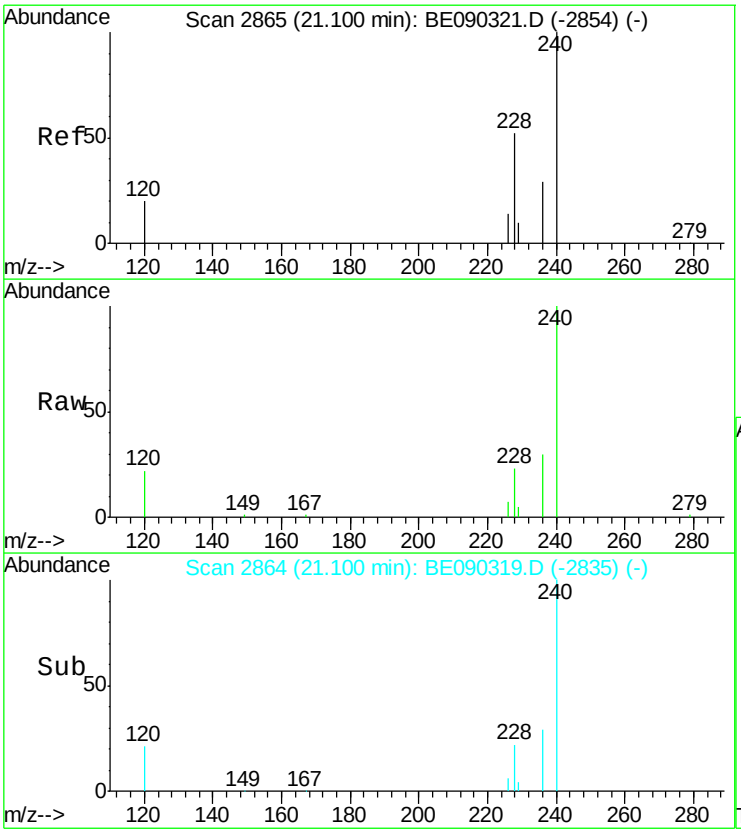
#27
Terphenyl-d14
Concen: 0.46 ng
RT: 19.58 min Scan# 2617
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:244 Resp: 4125

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.4	11.2
122	12.9	10.4	15.6

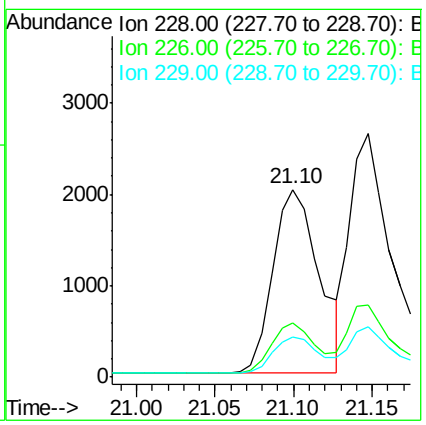


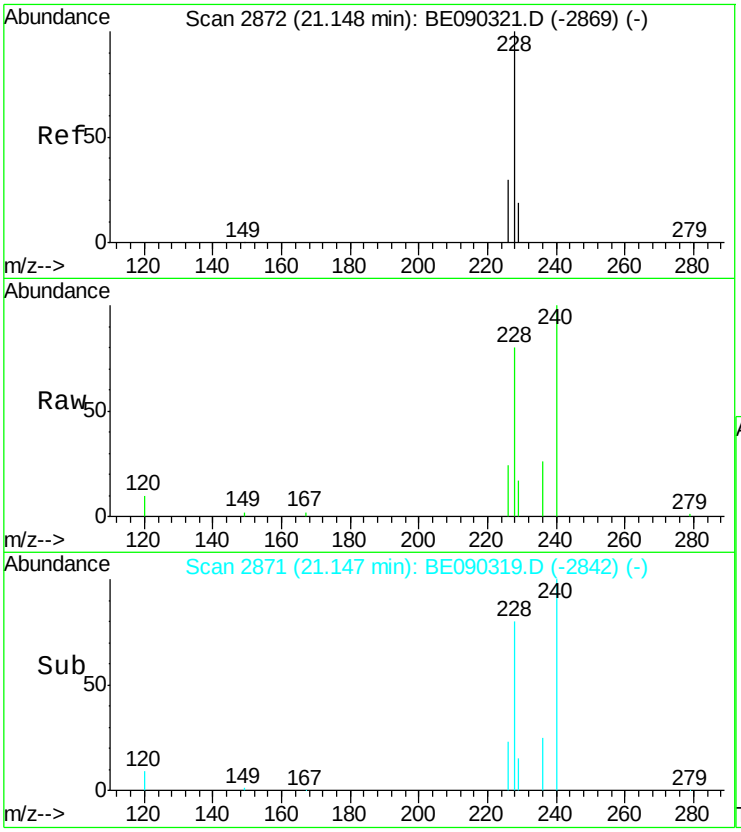


#28
Benzo(a)anthracene
Concen: 0.54 ng
RT: 21.10 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Tgt Ion:228 Resp: 4108

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.4
229	21.7	17.4	26.2



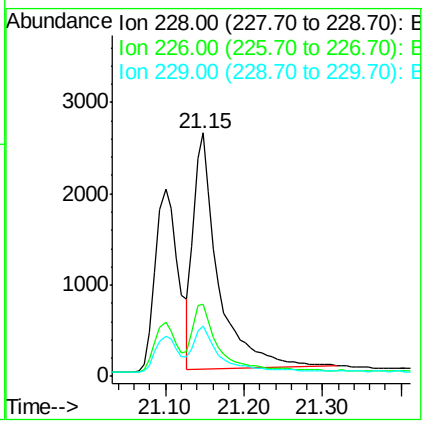


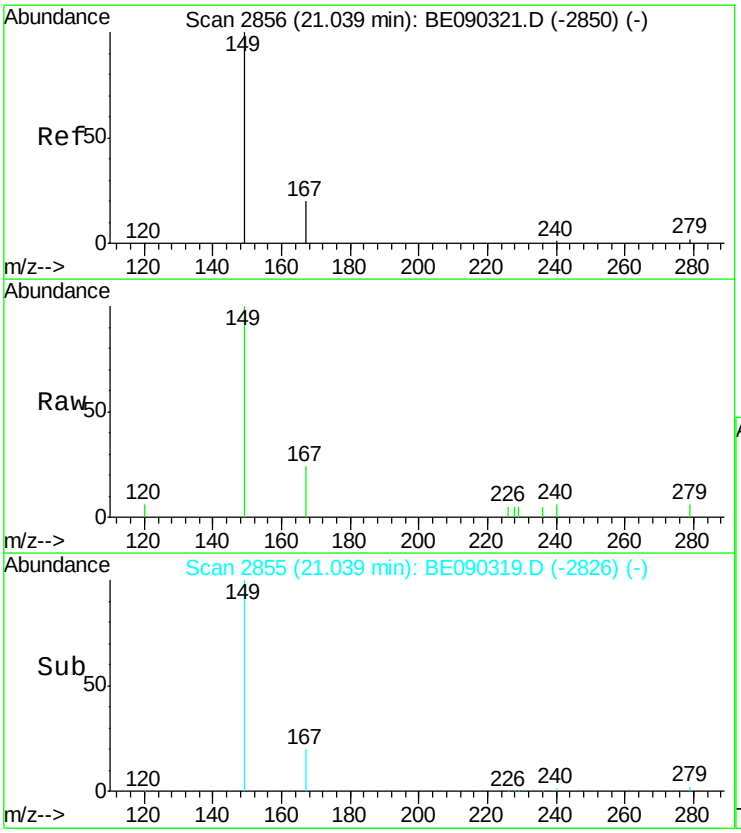
#29
Chrysene
Concen: 0.40 ng
RT: 21.15 min Scan# 2871
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:228 Resp: 5641

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	20.8	16.6	25.0

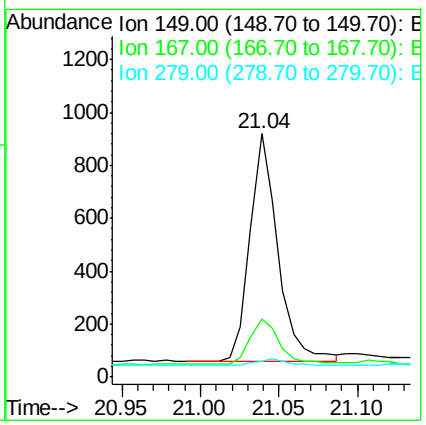


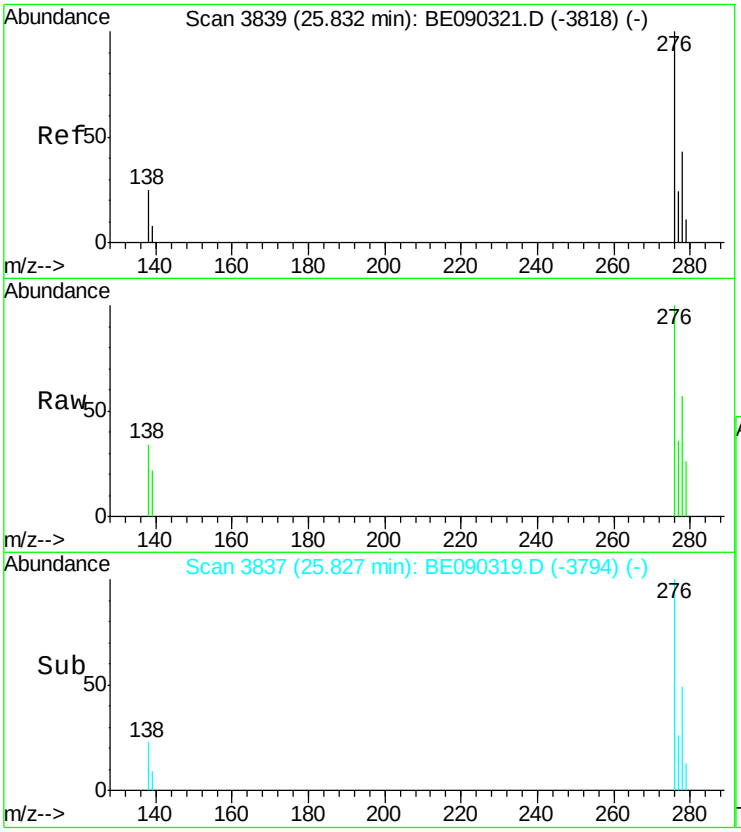


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.37 ng
RT: 21.04 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Tgt Ion:149 Resp: 1062

Ion	Ratio	Lower	Upper
149	100		
167	21.6	16.6	24.8
279	2.9	2.7	4.1



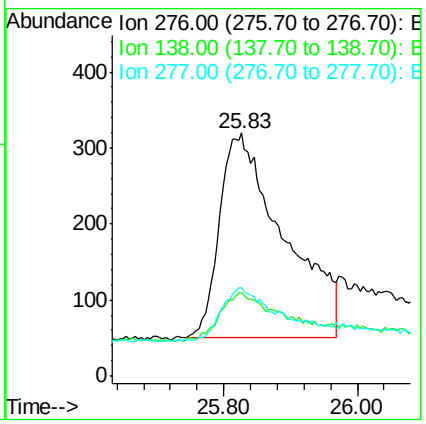


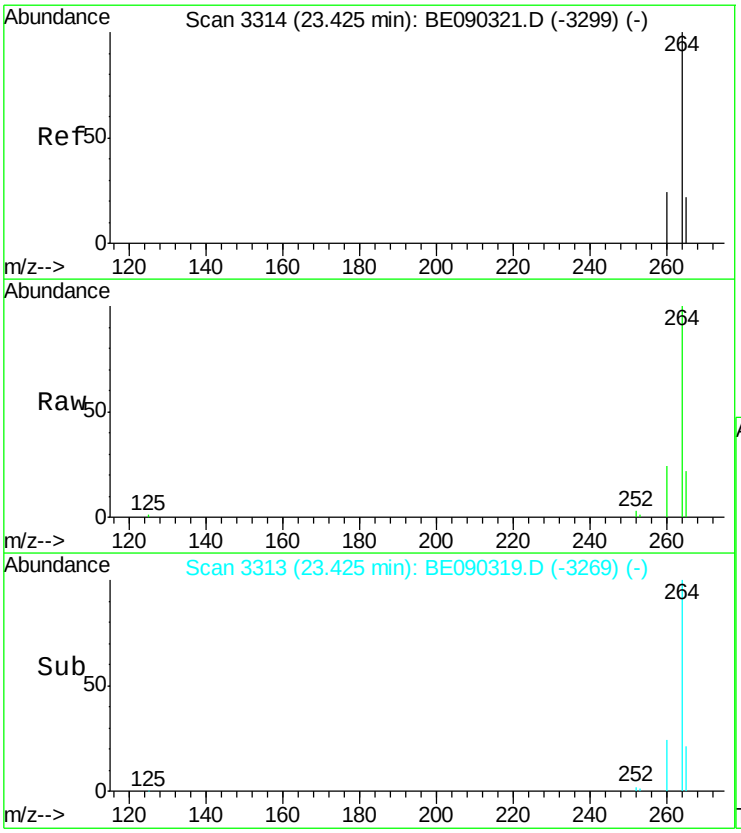
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.59 ng
RT: 25.83 min Scan# 3837
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:276 Resp: 1802

Ion	Ratio	Lower	Upper
276	100		
138	13.2	10.6	16.0
277	17.6	14.6	22.0

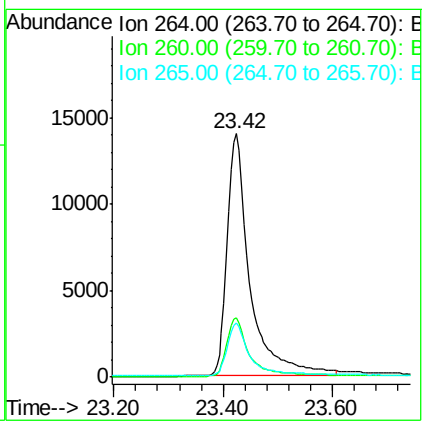


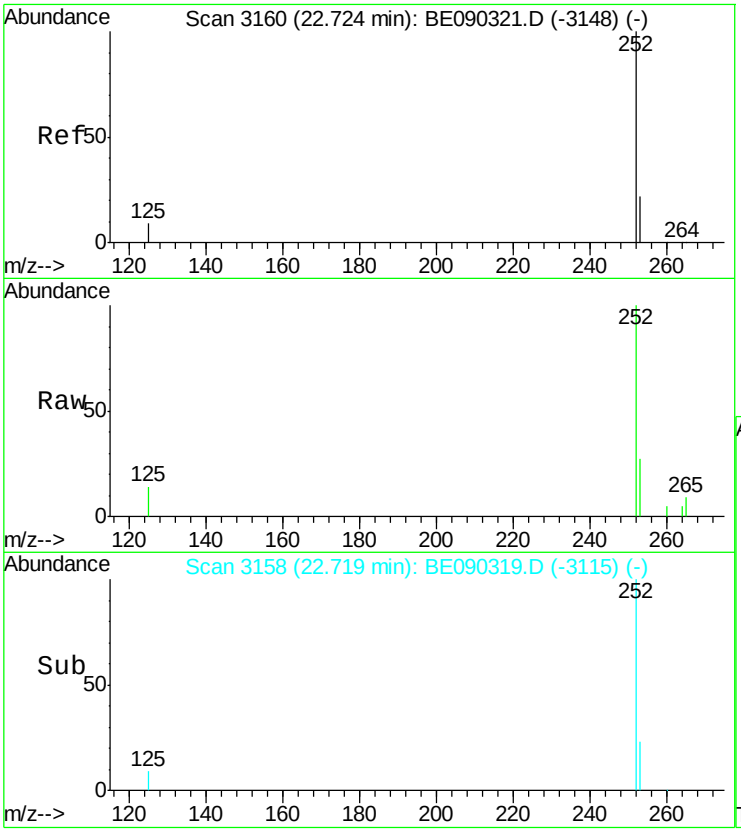


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.42 min Scan# 3313
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Tgt Ion:264 Resp: 40542

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.1	30.1
265	22.0	18.6	28.0



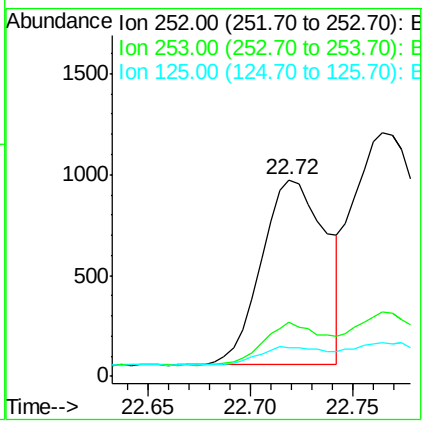


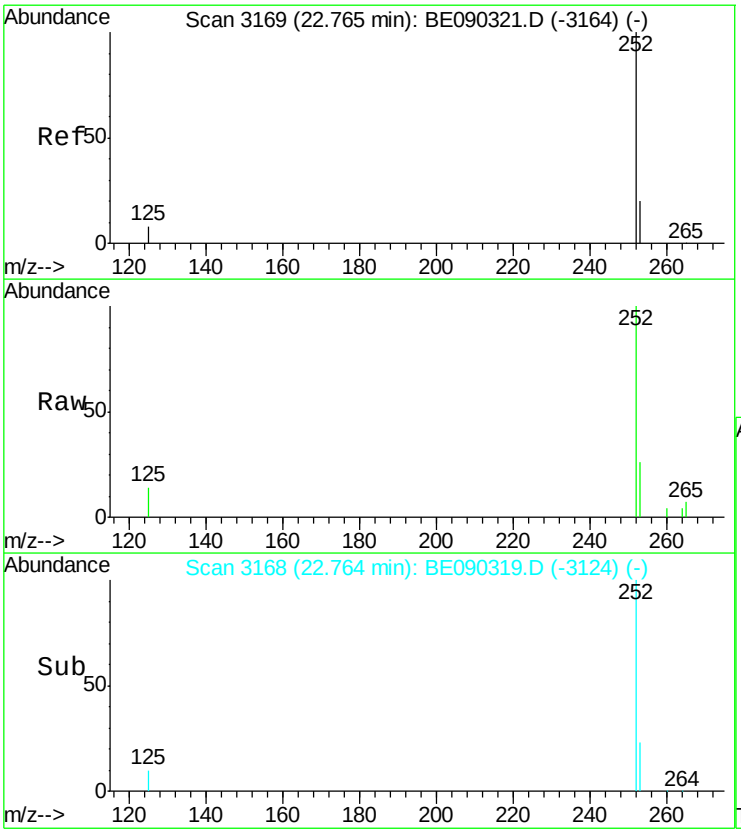
#33
Benzo(b)fluoranthene
Concen: 0.55 ng
RT: 22.72 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 2005

Ion	Ratio	Lower	Upper
252	100		
253	27.5	21.5	32.3
125	14.4	11.8	17.8

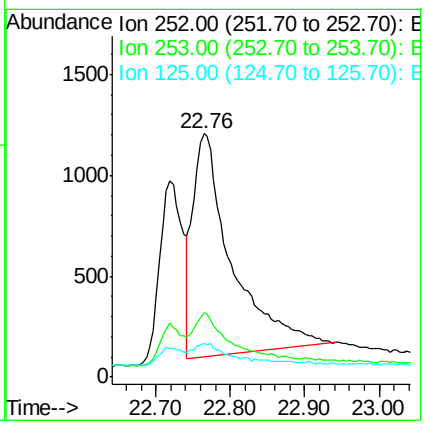


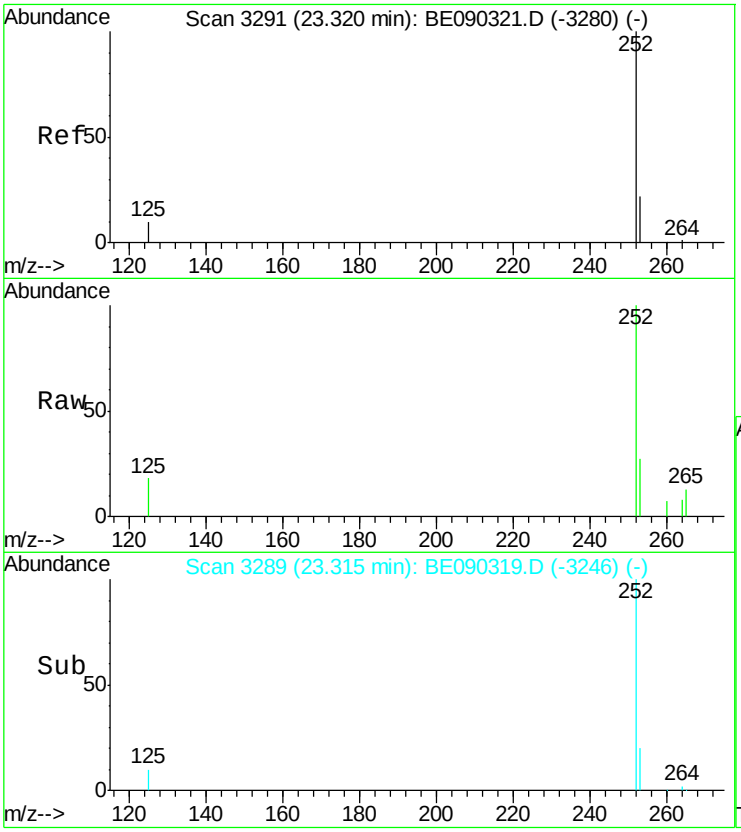


#34
Benzo(k)fluoranthene
Concen: 0.42 ng
RT: 22.76 min Scan# 3168
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Tgt Ion:252 Resp: 4057

Ion	Ratio	Lower	Upper
252	100		
253	26.3	19.9	29.9
125	13.9	11.2	16.8



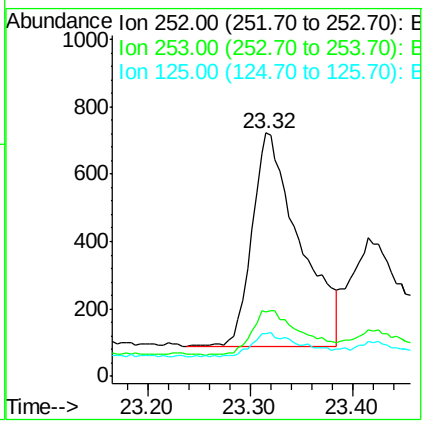


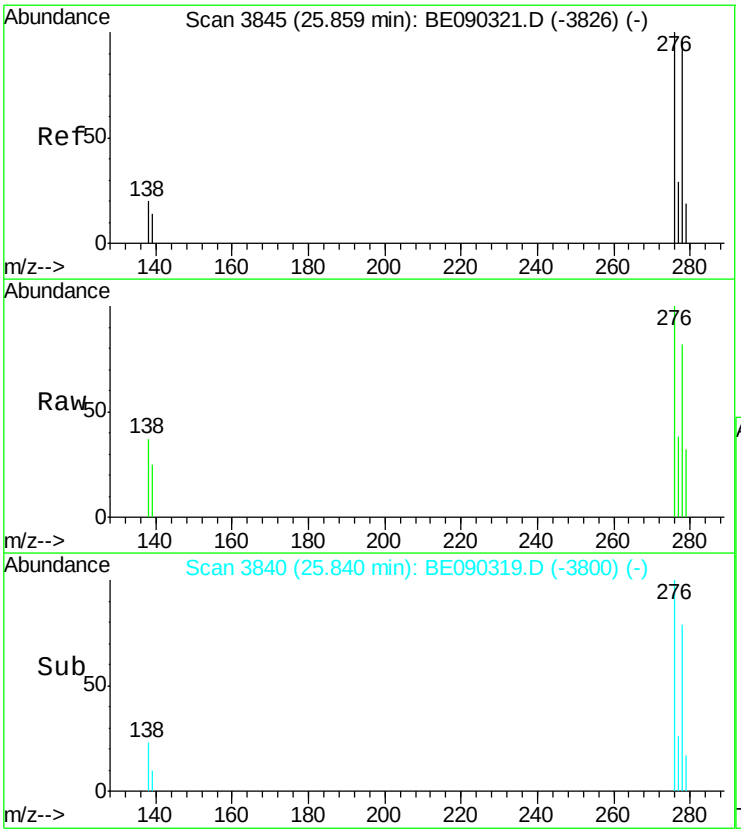
#35
Benzo(a)pyrene
Concen: 0.48 ng
RT: 23.32 min Scan# 3289
Delta R.T. -0.01 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 2054

Ion	Ratio	Lower	Upper
252	100		
253	26.6	23.0	34.4
125	17.6	14.2	21.2

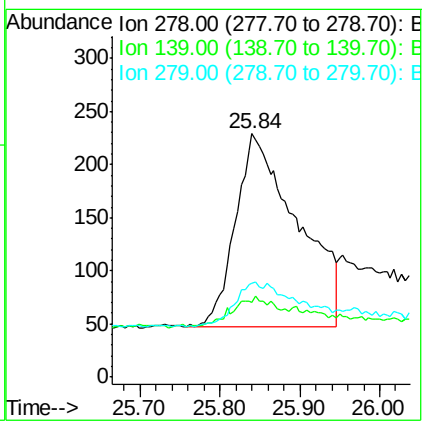


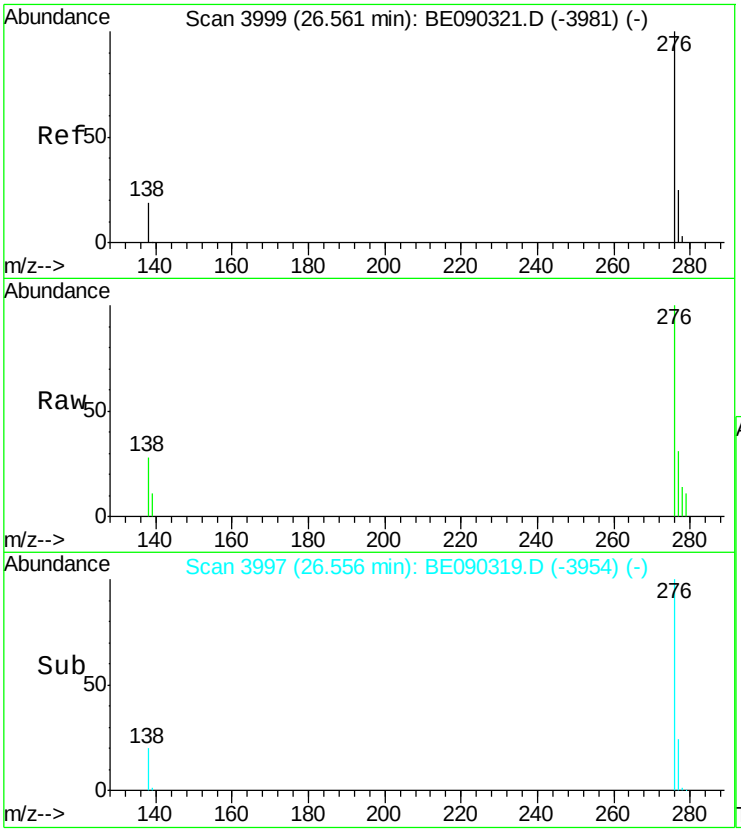


#36
Dibenzo(a,h)anthracene
Concen: 0.47 ng
RT: 25.84 min Scan# 3840
Delta R.T. -0.02 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Tgt Ion:278 Resp: 984

Ion	Ratio	Lower	Upper
278	100		
139	30.6	27.8	41.6
279	38.4	30.9	46.3





#37
Benzo(g,h,i)perylene
Concen: 0.57 ng
RT: 26.56 min Scan# 3997
Delta R.T. -0.00 min
Lab File: BE090319.D
Acq: 3 Aug 2015 21:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:276 Resp: 2581

Ion	Ratio	Lower	Upper
276	100		
277	30.8	25.6	38.4
138	27.6	22.0	33.0