Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071615\
Data File : BE090132.D
Acq On : 16 Jul 2015 23:18
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC010

Quant Time: Jul 17 00:08:19 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 17 00:07:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	15910	5.00	ng		0.00
6) Naphthalene-d8	10.36	136	70058	5.00	ng		0.00
12) Acenaphthene-d10	14.22	164	37937	5.00	ng		0.00
18) Phenanthrene-d10	16.96	188	86426	5.00	ng		0.00
25) Chrysene-d12	21.12	240	100663	5.00	ng		0.00
32) Perylene-d12	23.44	264	80188	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	35530	10.52	ng		0.00
5) Phenol-d6	6.79	99	52540	10.90	ng		0.00
7) Nitrobenzene-d5	8.75	82	56200	10.99	ng		0.00
13) 2,4,6-Tribromophenol	15.73	330	11295	18.37	ng		0.00
14) 2-Fluorobiphenyl	12.84	172	112979	9.92	ng		0.00
27) Terphenyl-d14	19.58	244	166054	10.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	18084	8.67	ng		98
3) n-Nitrosodimethylamine	3.52	42	24628	9.88	ng	#	93
8) Nitrobenzene	8.79	77	59936	11.10	ng		96
9) Naphthalene	10.42	128	146621	9.45	ng		99
10) Hexachlorobutadiene	10.71	225	24041	9.22	ng		100
11) 2-Methylnaphthalene	12.03	142	98114	9.82	ng		99
15) Acenaphthylene	13.94	152	677950	10.29	ng		100
16) Acenaphthene	14.28	154	93782	9.85	ng		95
17) Fluorene	15.28	166	123234	9.93	ng		99
19) 4-Bromophenyl-phenylether	16.16	248	35831	9.90	ng		97
20) Hexachlorobenzene	16.28	284	144396	9.23	ng		99
21) Pentachlorophenol	16.63	266	12384	21.53	ng		91
22) Phenanthrene	17.00	178	199563	9.41	ng		100
23) Anthracene	17.08	178	199310	10.57	ng		100
24) Fluoranthene	19.01	202	230539	10.93	ng		99
26) Pyrene	19.37	202	241105	9.10	ng		99
28) Benzo(a)anthracene	21.11	228	222131	12.89	ng		100
29) Chrysene	21.15	228	253501	8.69	ng		99
30) Bis(2-ethylhexyl)phthalate	21.05	149	89842	23.14	ng		95
31) Indeno(1,2,3-cd)pyrene	25.85	276	182525	22.34	ng	#	91
33) Benzo(b)fluoranthene	22.73	252	155426	19.27	ng		95
34) Benzo(k)fluoranthene	22.78	252	246601	14.45	ng		96
35) Benzo(a)pyrene	23.34	252	166924	18.63	ng	#	94
36) Dibenzo(a,h)anthracene	25.86	278	133847	21.96	ng	#	90
37) Benzo(g,h,i)perylene	26.58	276	169458	18.13	ng		93

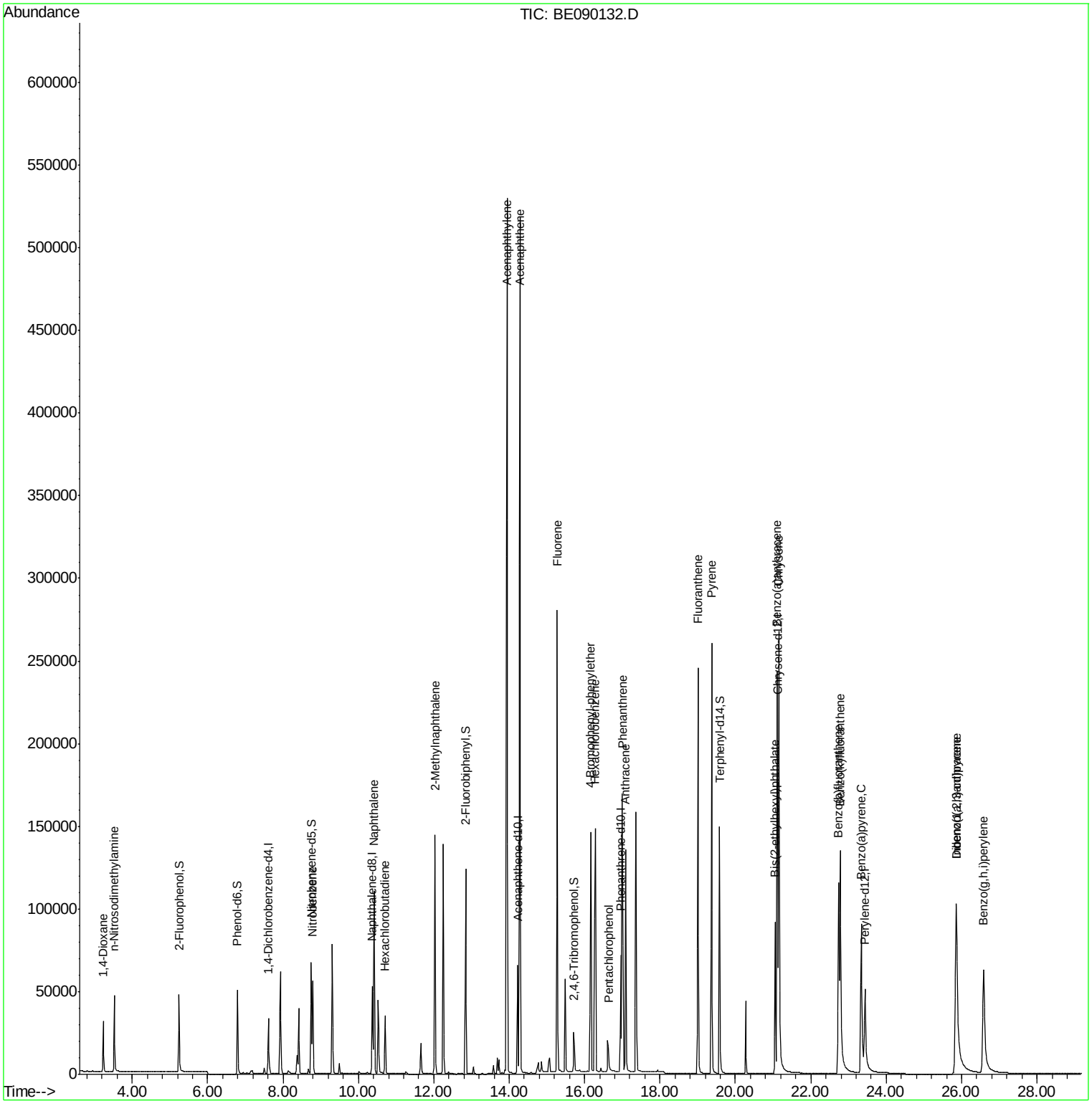
(#) = qualifier out of range (m) = manual integration (+) = signals summed

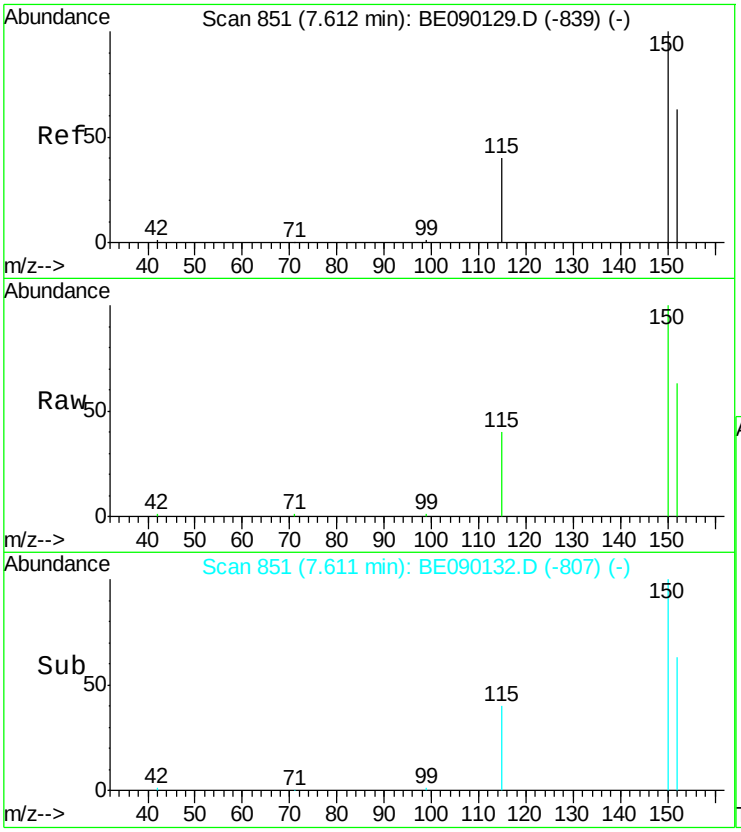
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071615\
Data File : BE090132.D
Acq On : 16 Jul 2015 23:18
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Quant Time: Jul 17 00:08:19 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 17 00:07:21 2015
Response via : Initial Calibration



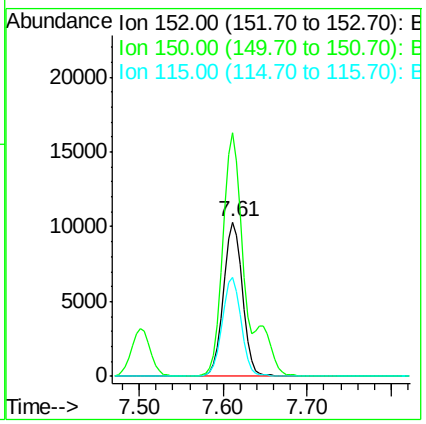


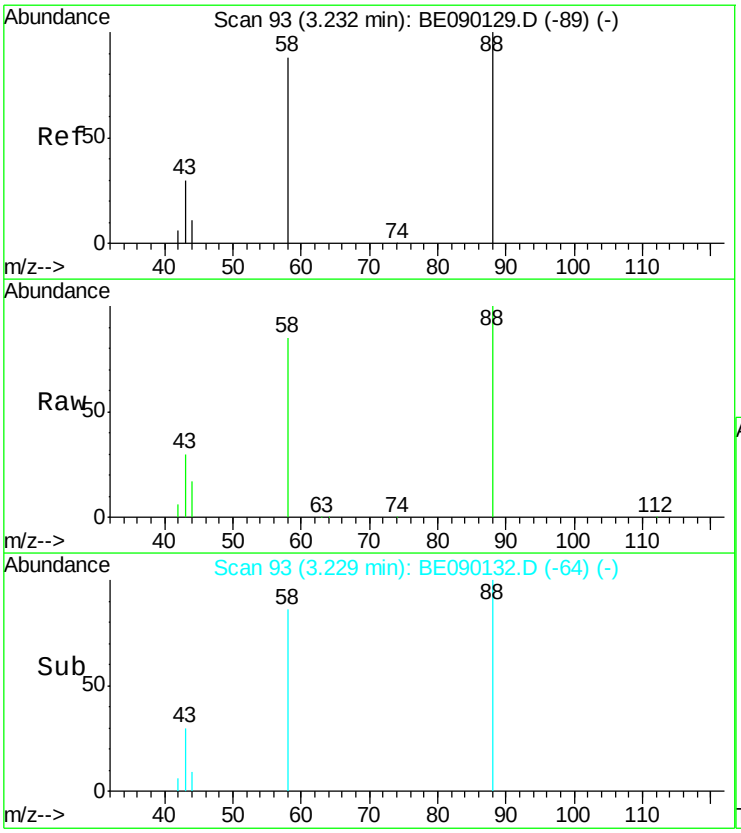
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 851
Delta R.T. -0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 15910

Ion	Ratio	Lower	Upper
152	100		
150	157.8	127.3	190.9
115	63.7	51.0	76.4

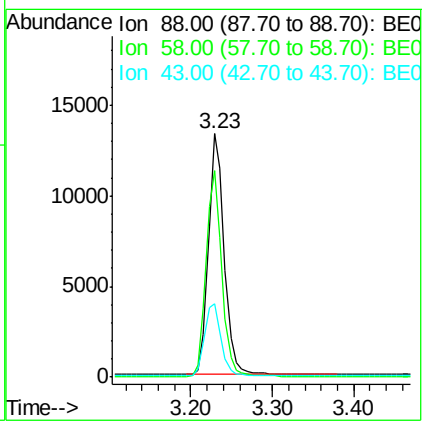


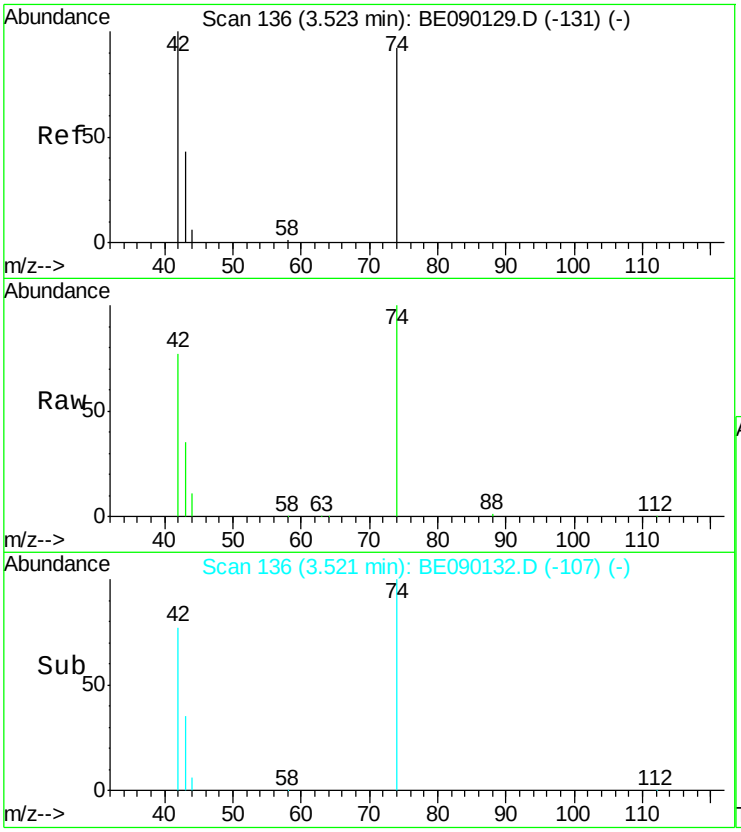


#2
1,4-Dioxane
Concen: 8.67 ng
RT: 3.23 min Scan# 93
Delta R.T. -0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Tgt Ion: 88 Resp: 18084

Ion	Ratio	Lower	Upper
88	100		
58	84.9	67.0	100.4
43	31.1	26.0	39.0



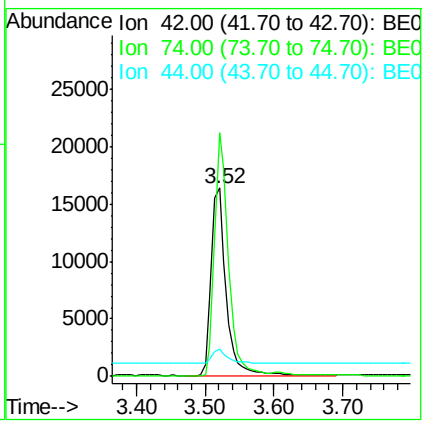


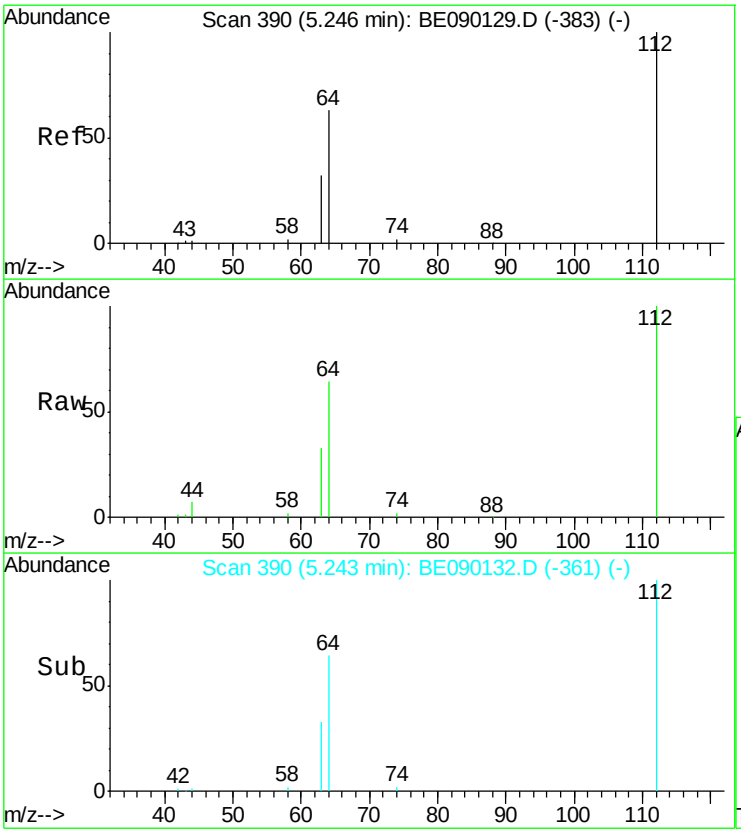
#3
n-Nitrosodimethylamine
Concen: 9.88 ng
RT: 3.52 min Scan# 136
Delta R.T. -0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 42 Resp: 24628

Ion	Ratio	Lower	Upper
42	100		
74	120.6	91.0	136.6
44	7.6	9.2	13.8#

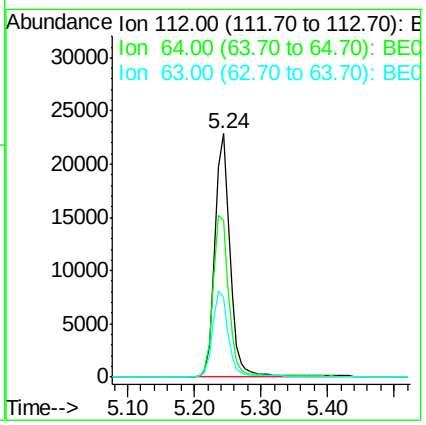


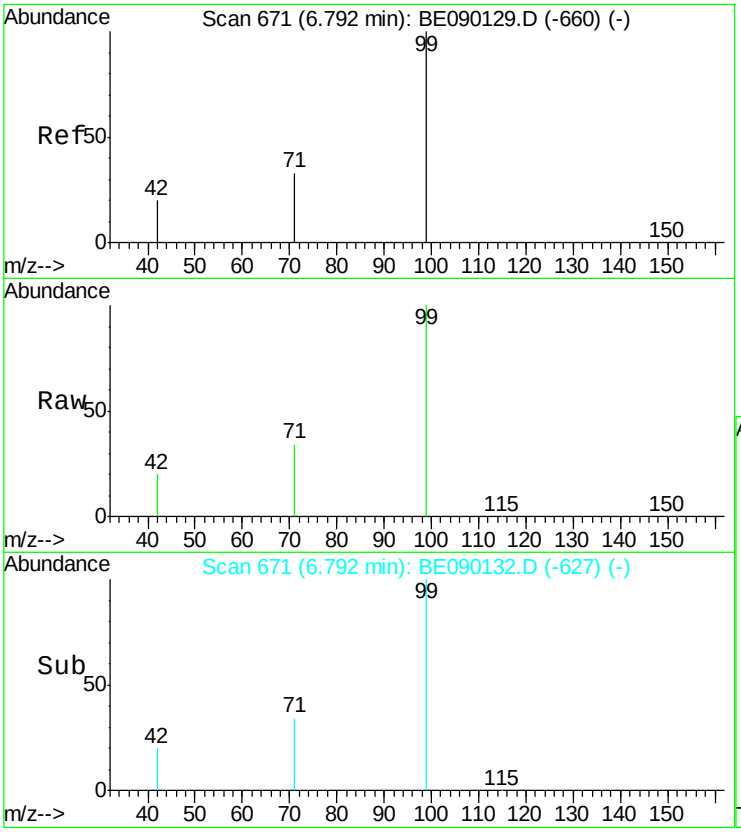


#4
2-Fluorophenol
Concen: 10.52 ng
RT: 5.24 min Scan# 390
Delta R.T. -0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Tgt Ion:112 Resp: 35530

Ion	Ratio	Lower	Upper
112	100		
64	68.8	55.4	83.2
63	36.1	29.3	43.9



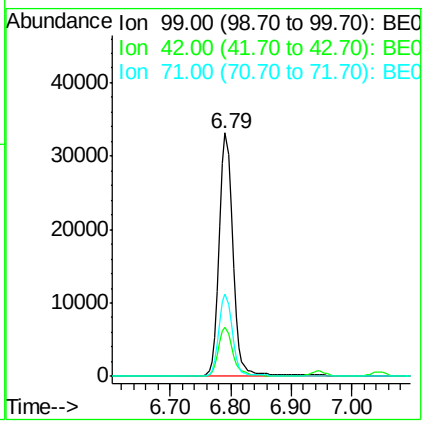


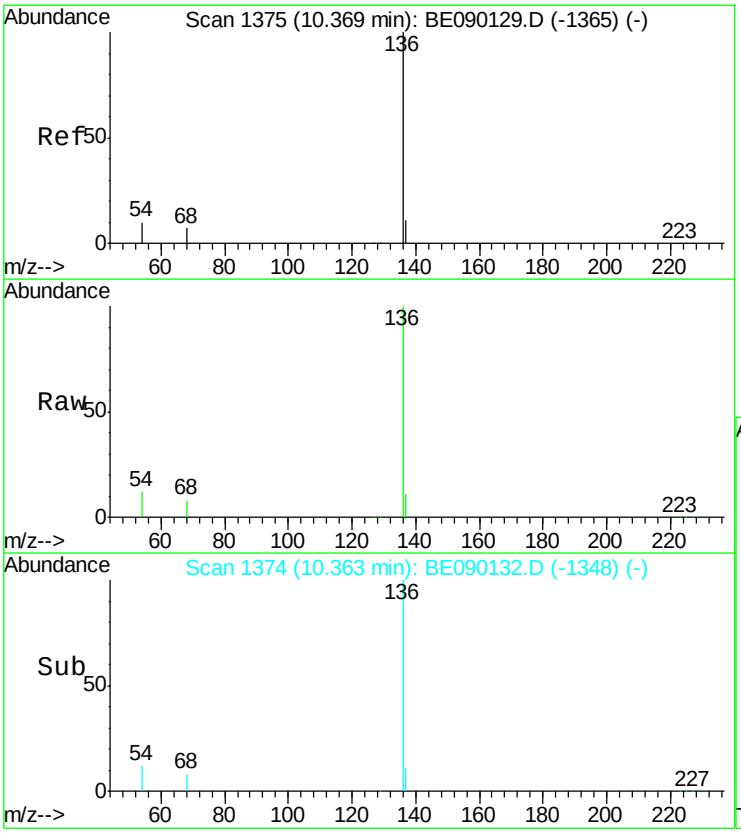
#5
Phenol-d6
Concen: 10.90 ng
RT: 6.79 min Scan# 671
Delta R.T. -0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 52540

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.8	25.2
71	33.6	26.6	39.8

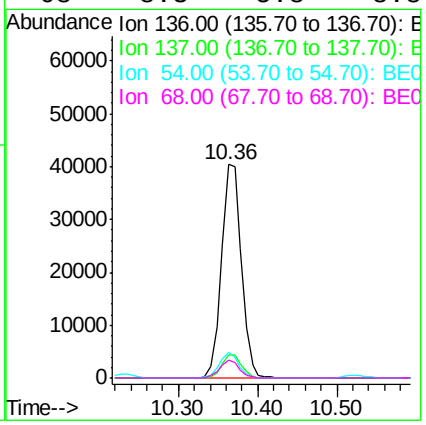


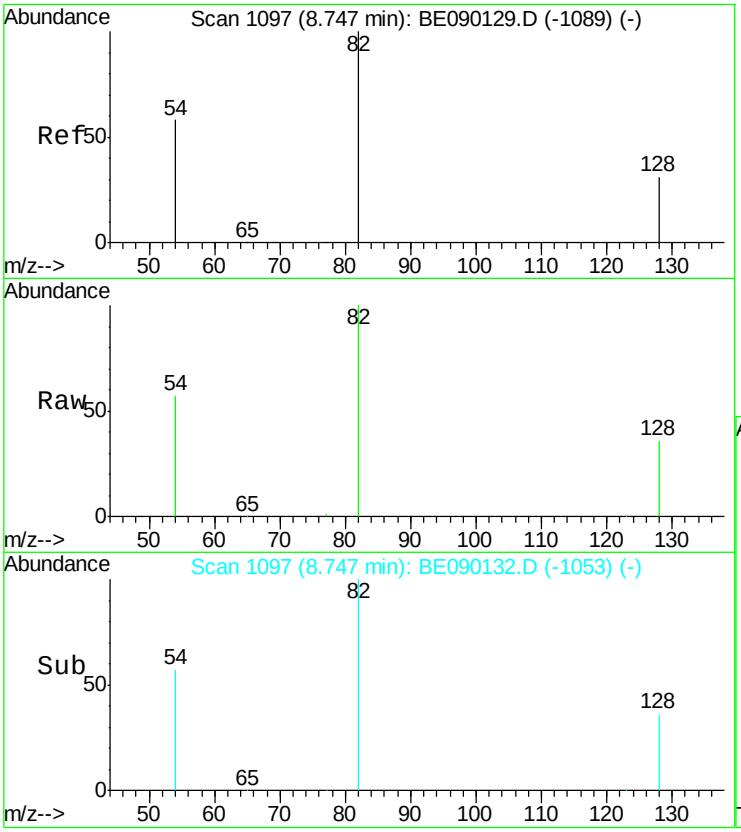


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.36 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Tgt Ion:136 Resp: 70058

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	11.8	7.8	11.8#
68	8.3	5.8	8.8



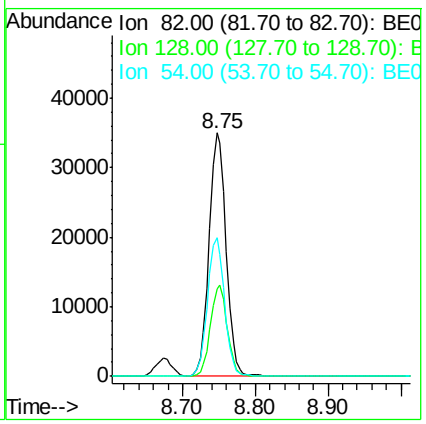


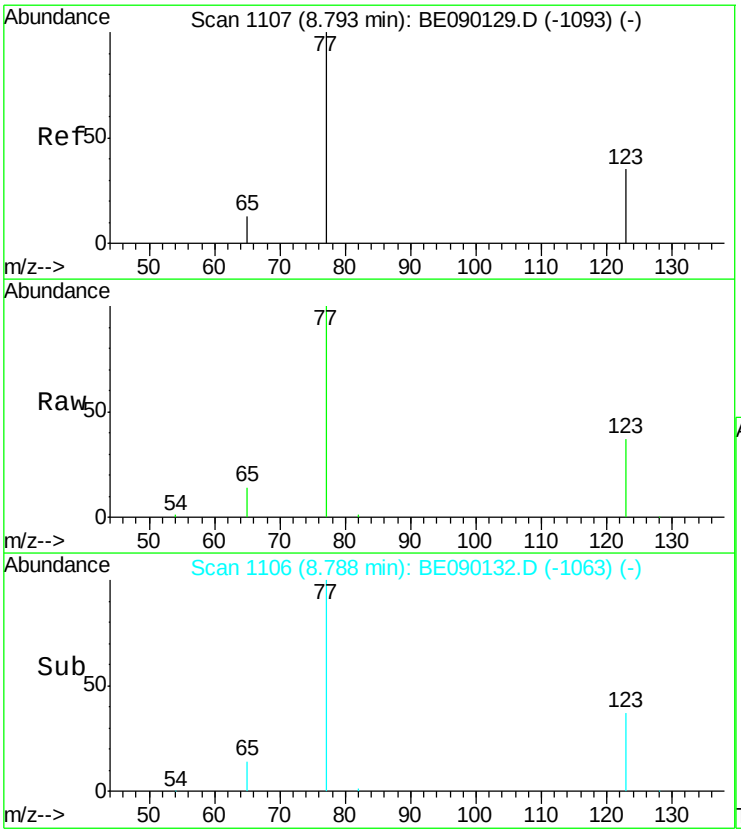
#7
Nitrobenzene-d5
Concen: 10.99 ng
RT: 8.75 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 56200

Ion	Ratio	Lower	Upper
82	100		
128	35.9	26.2	39.2
54	57.1	47.1	70.7

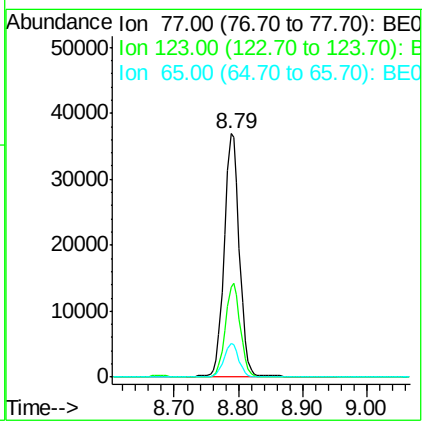


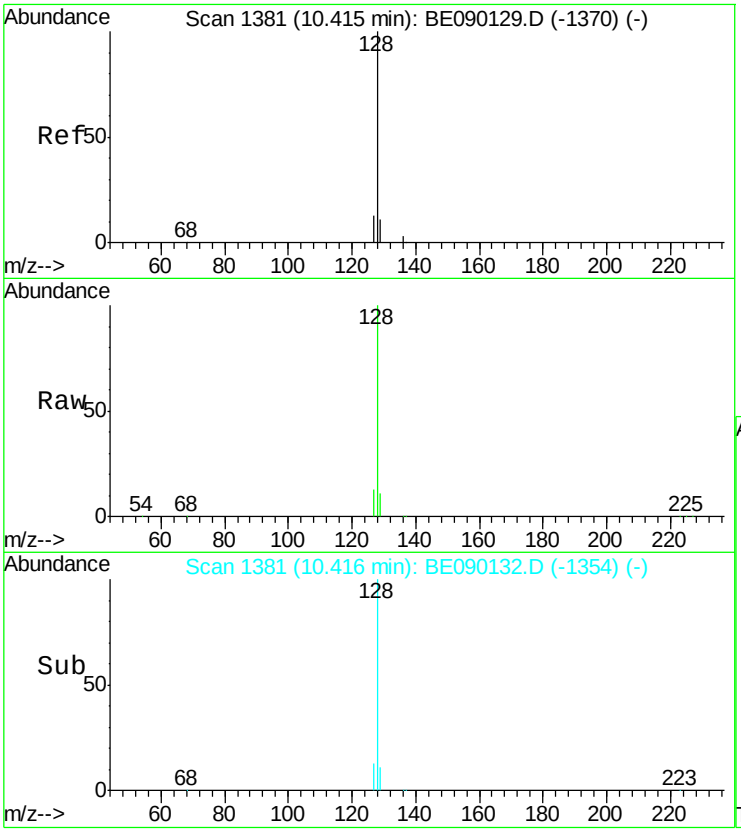


#8
Nitrobenzene
Concen: 11.10 ng
RT: 8.79 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Tgt Ion: 77 Resp: 59936

Ion	Ratio	Lower	Upper
77	100		
123	38.0	28.5	42.7
65	13.6	10.2	15.2



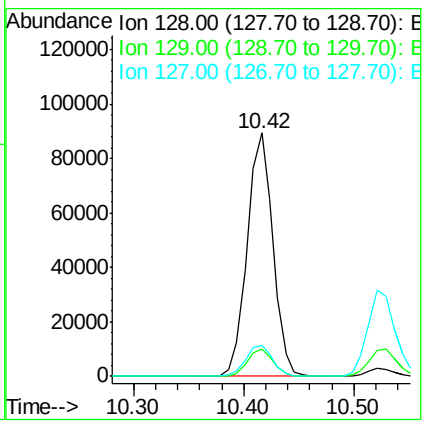


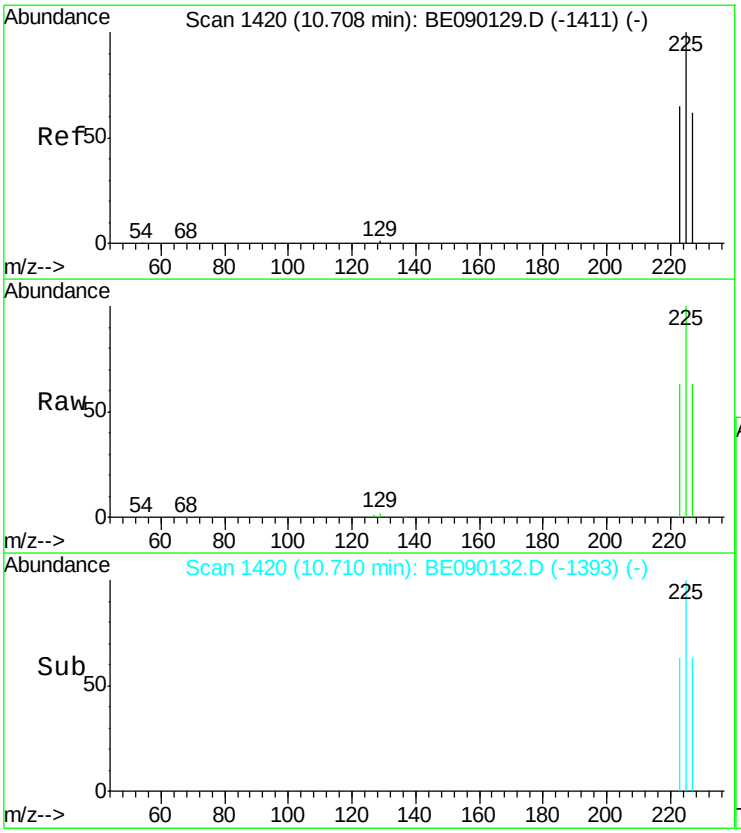
#9
Naphthalene
Concen: 9.45 ng
RT: 10.42 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 146621

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.2	13.8
127	13.0	10.8	16.2

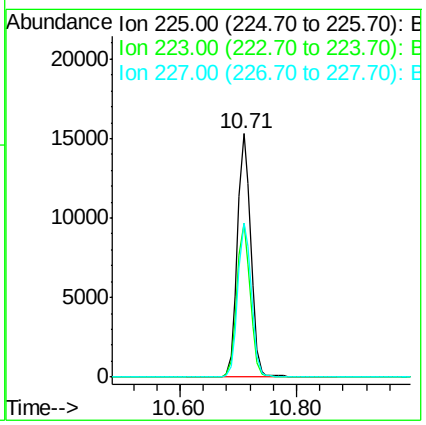


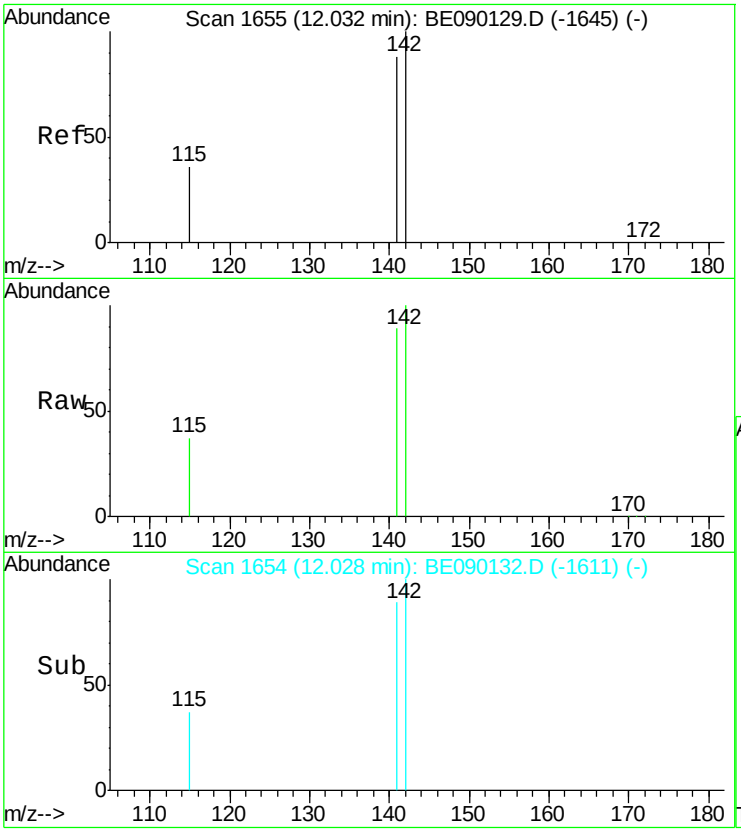


#10
Hexachlorobutadiene
Concen: 9.22 ng
RT: 10.71 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Tgt Ion:225 Resp: 24041

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.2
227	63.8	51.3	76.9



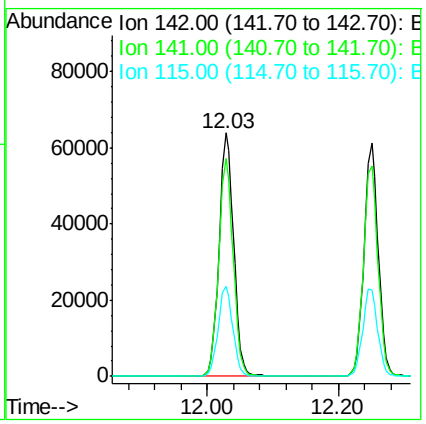


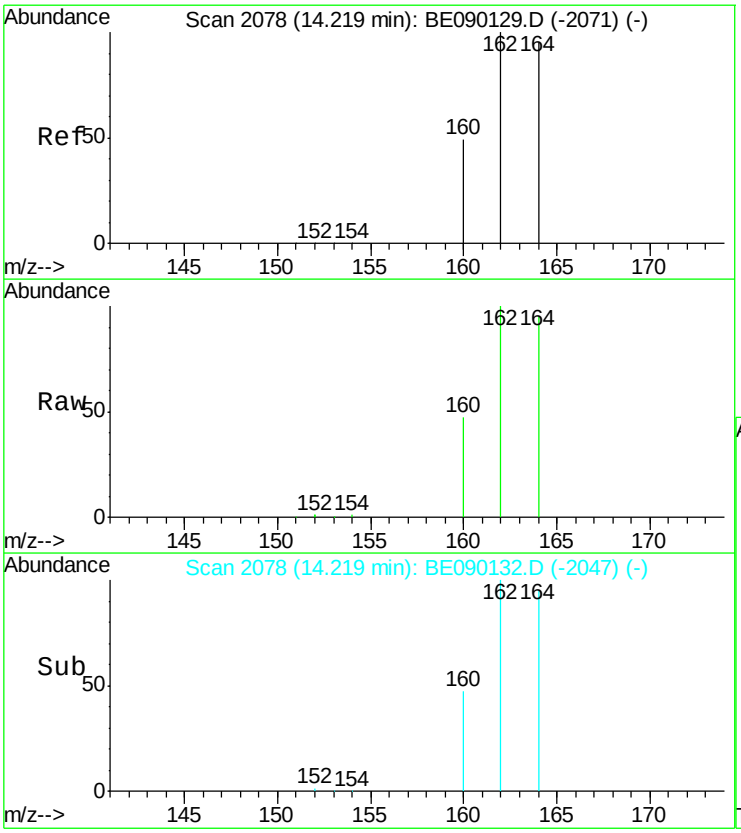
#11
2-Methylnaphthalene
Concen: 9.82 ng
RT: 12.03 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 98114

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.6	105.8
115	37.1	29.4	44.0

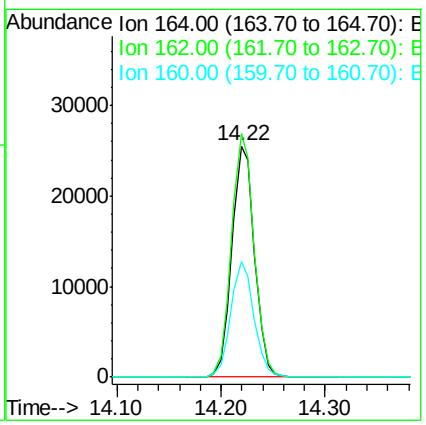


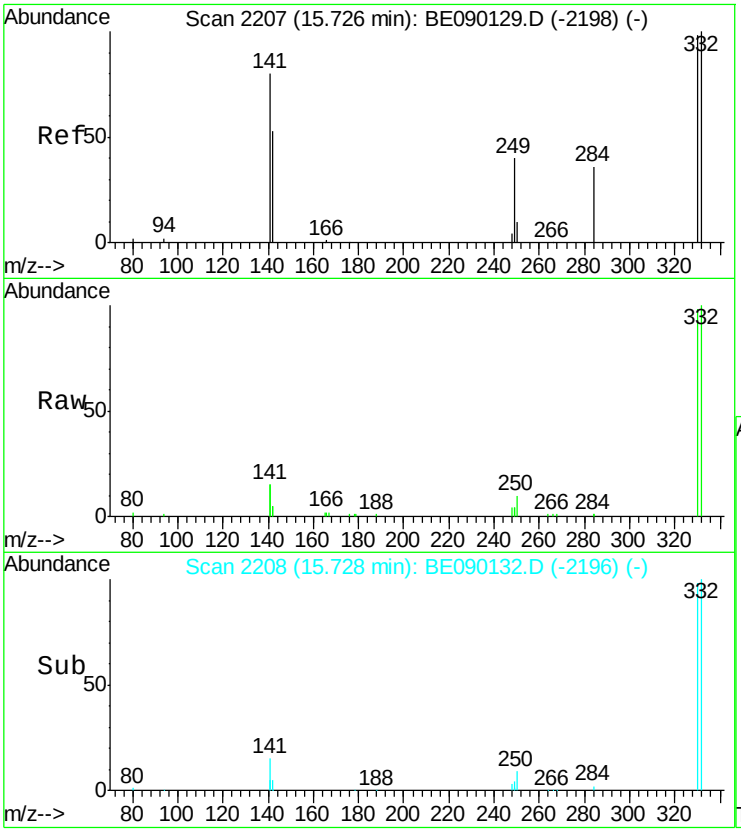


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Tgt Ion:164 Resp: 37937

Ion	Ratio	Lower	Upper
164	100		
162	105.3	84.0	126.0
160	49.7	41.1	61.7



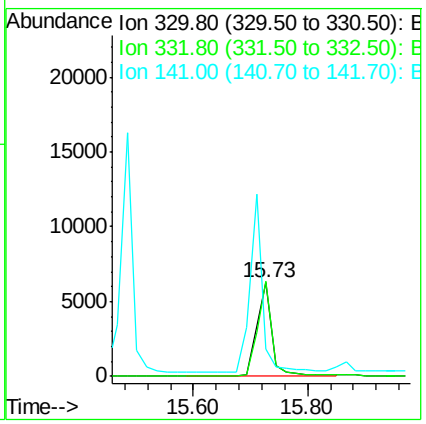


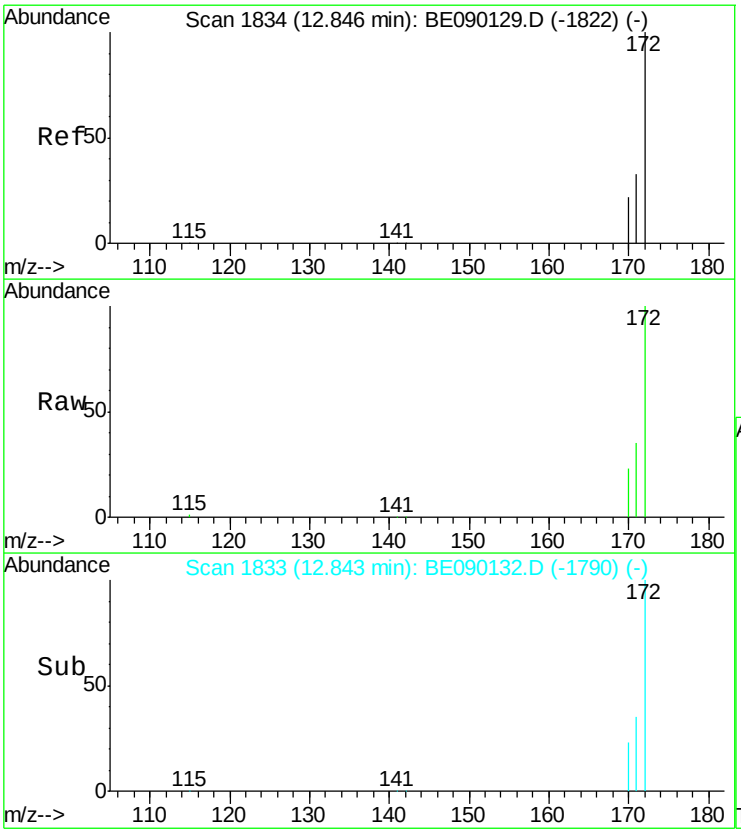
#13
2,4,6-Tribromophenol
Concen: 18.37 ng
RT: 15.73 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:330 Resp: 11295

Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.4	119.0
141	162.5	160.2	240.2

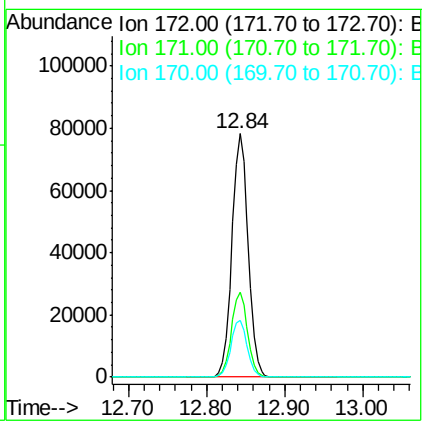


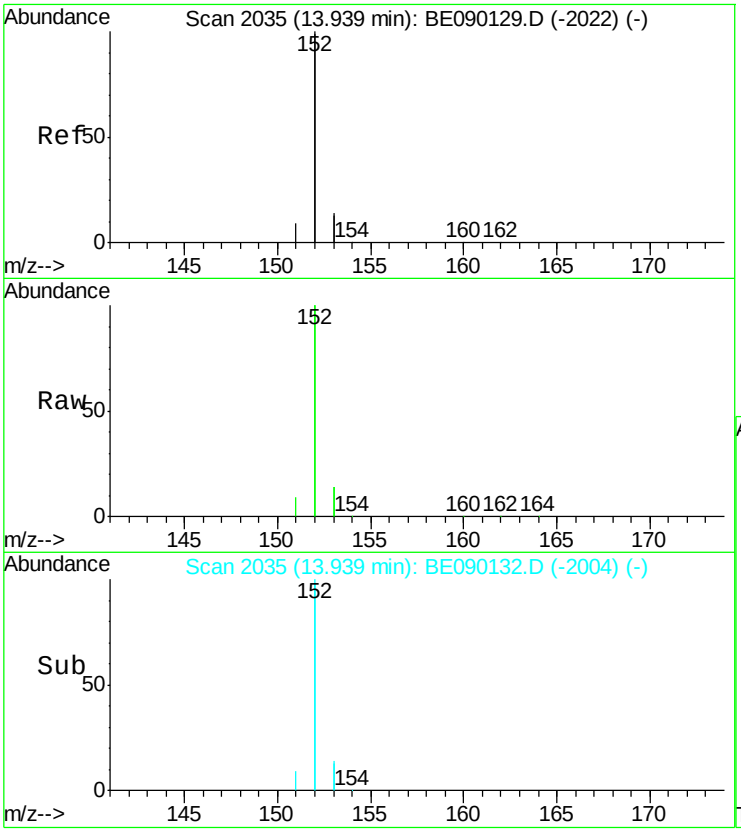


#14
2-Fluorobiphenyl
Concen: 9.92 ng
RT: 12.84 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Tgt Ion:172 Resp: 112979

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.1	40.7
170	23.1	17.9	26.9



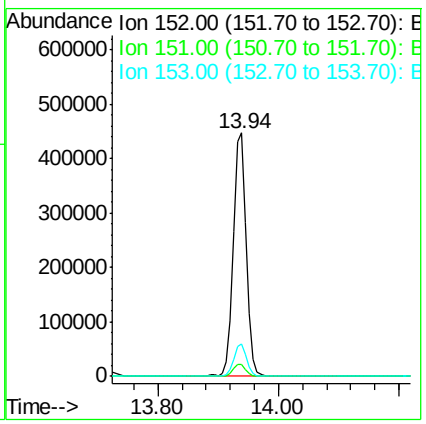


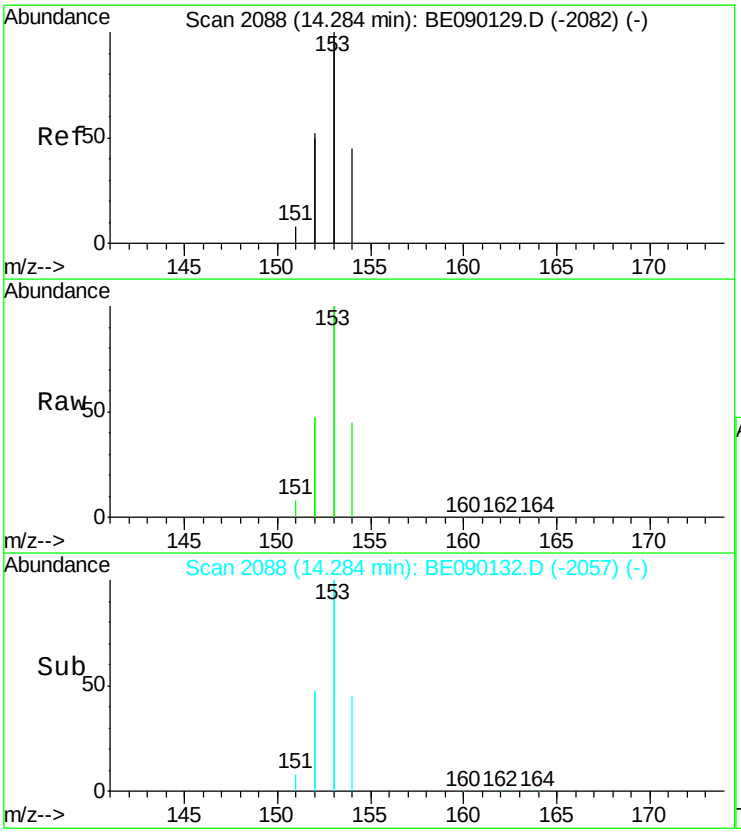
#15
Acenaphthylene
Concen: 10.29 ng
RT: 13.94 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 677950

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.8	5.8
153	13.1	10.4	15.6

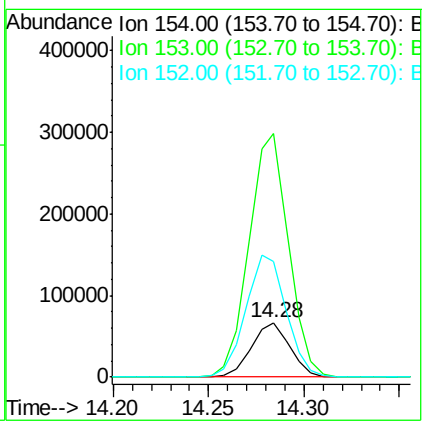


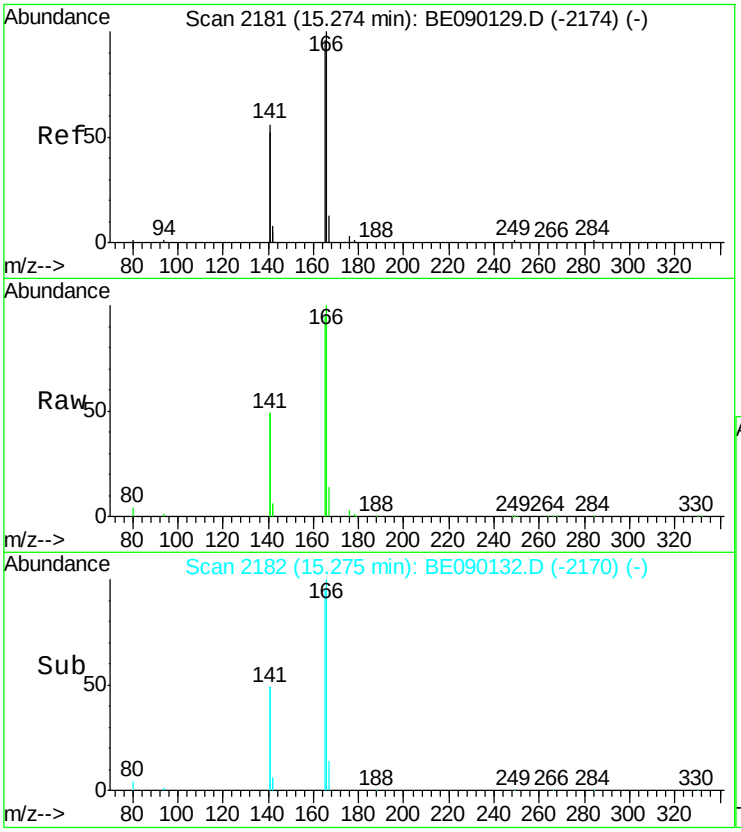


#16
Acenaphthene
Concen: 9.85 ng
RT: 14.28 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Tgt Ion:154 Resp: 93782

Ion	Ratio	Lower	Upper
154	100		
153	458.2	369.5	554.3
152	234.2	202.2	303.4



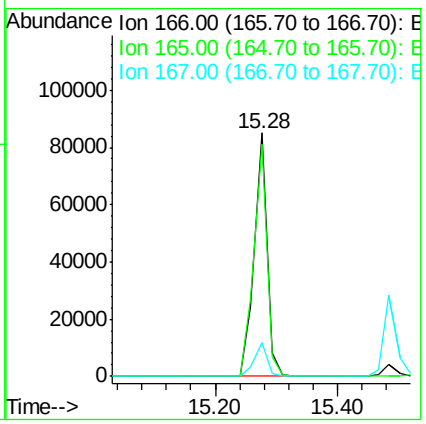


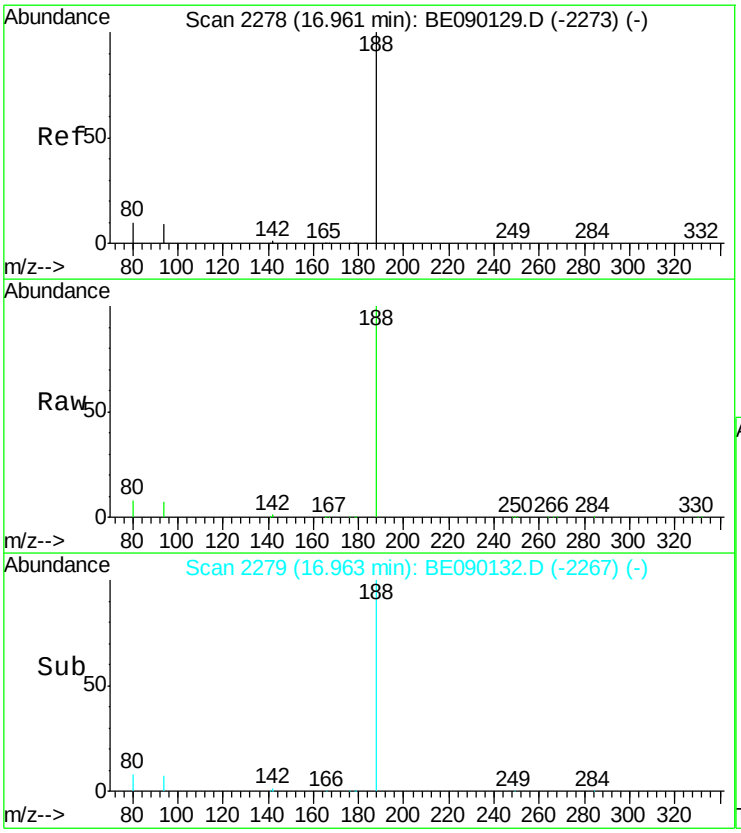
#17
Fluorene
Concen: 9.93 ng
RT: 15.28 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:166 Resp: 123234

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.7	118.1
167	13.6	11.1	16.7

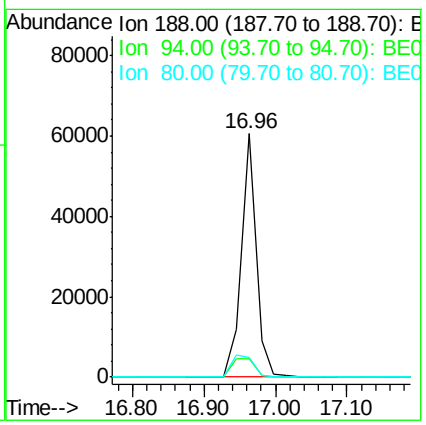


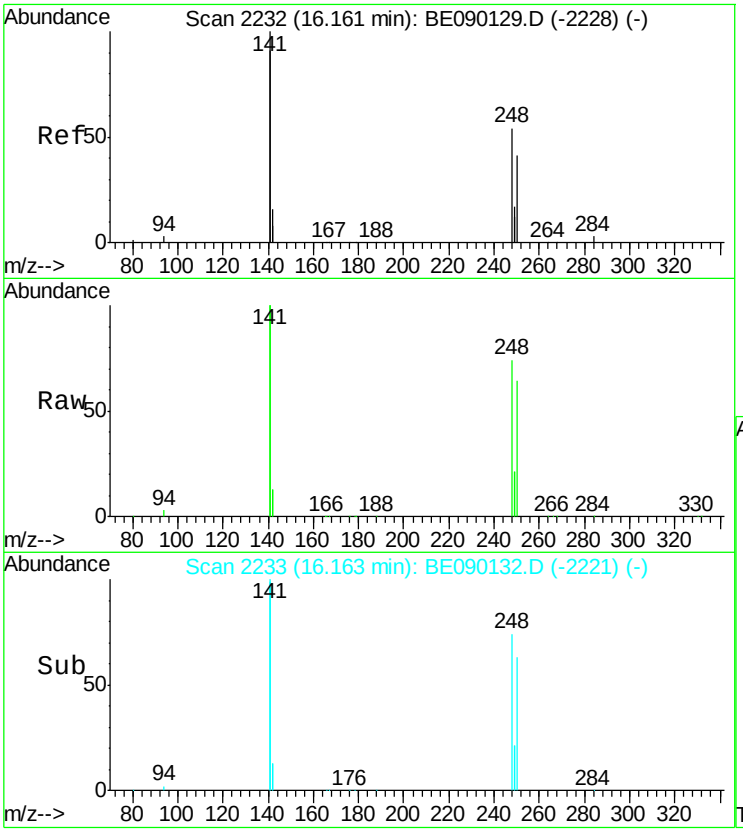


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.96 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Tgt Ion:188 Resp: 86426

Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.3	10.9
80	7.8	8.0	12.0#



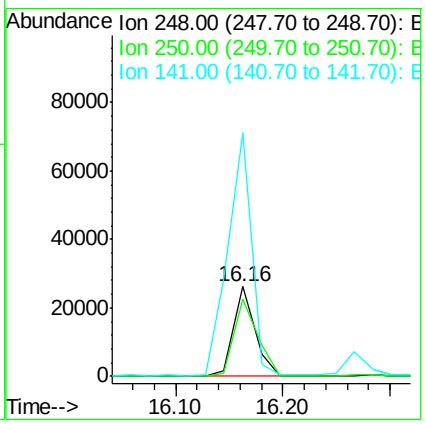


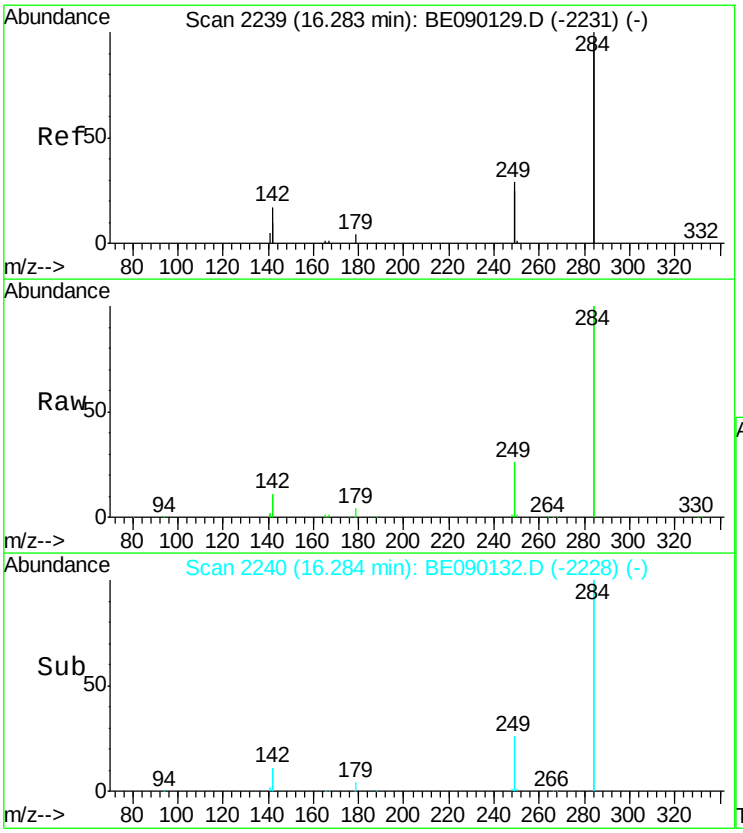
#19
4-Bromophenyl-phenylether
Concen: 9.90 ng
RT: 16.16 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 35831

Ion	Ratio	Lower	Upper
248	100		
250	95.7	76.2	114.4
141	298.9	246.0	369.0

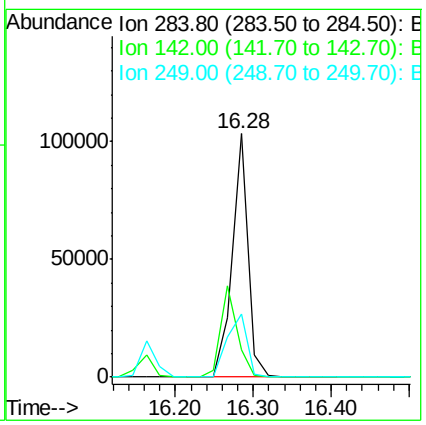


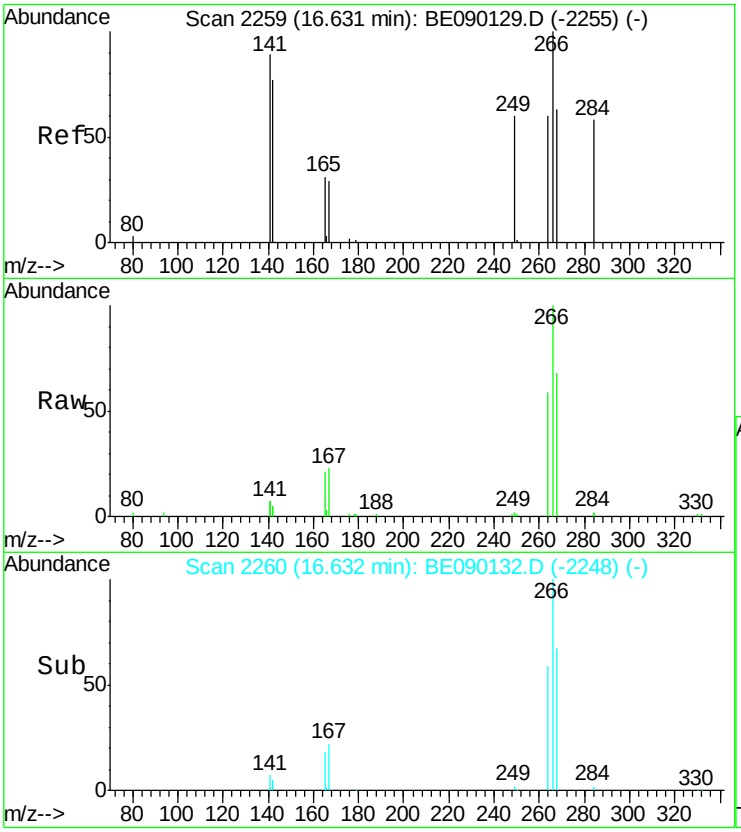


#20
Hexachlorobenzene
Concen: 9.23 ng
RT: 16.28 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Tgt Ion:284 Resp: 144396

Ion	Ratio	Lower	Upper
284	100		
142	38.6	30.2	45.4
249	32.7	25.5	38.3



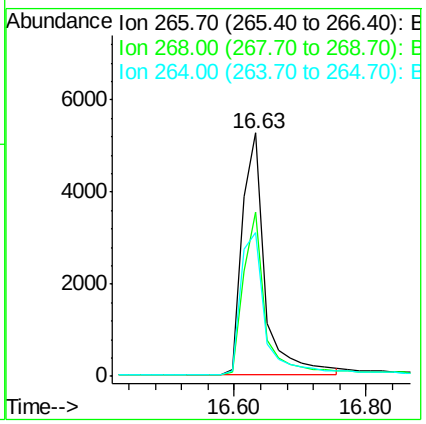


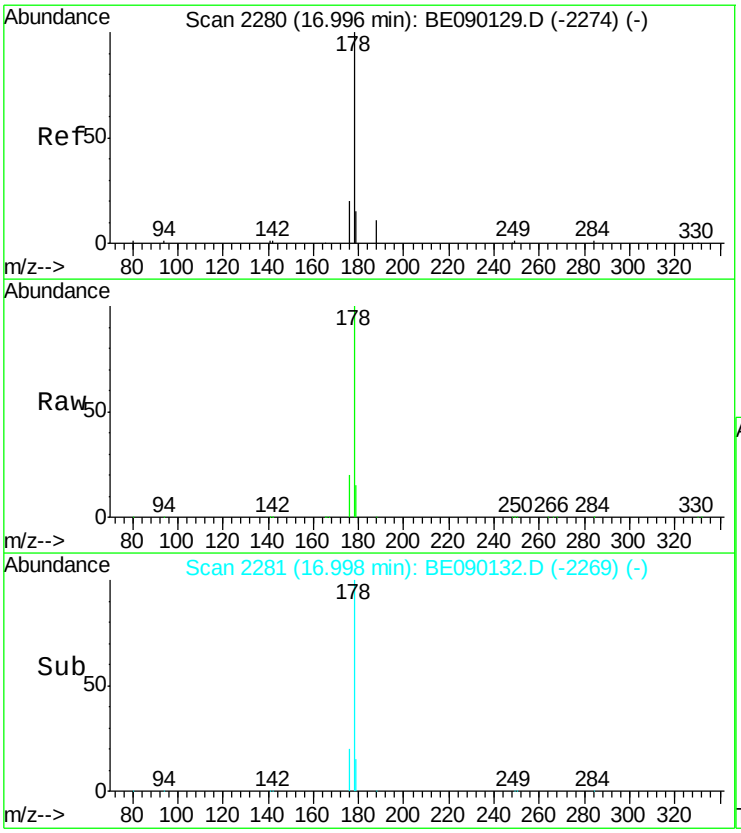
#21
Pentachlorophenol
Concen: 21.53 ng
RT: 16.63 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:266 Resp: 12384

Ion	Ratio	Lower	Upper
266	100		
268	67.7	58.2	87.2
264	59.0	55.8	83.6

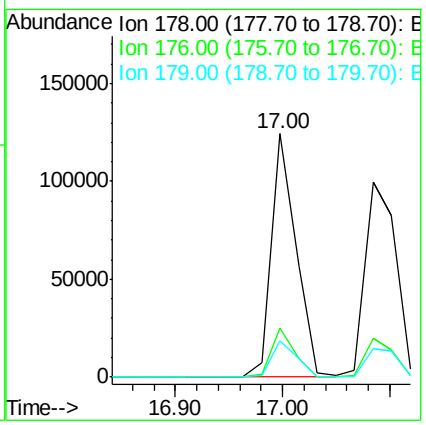


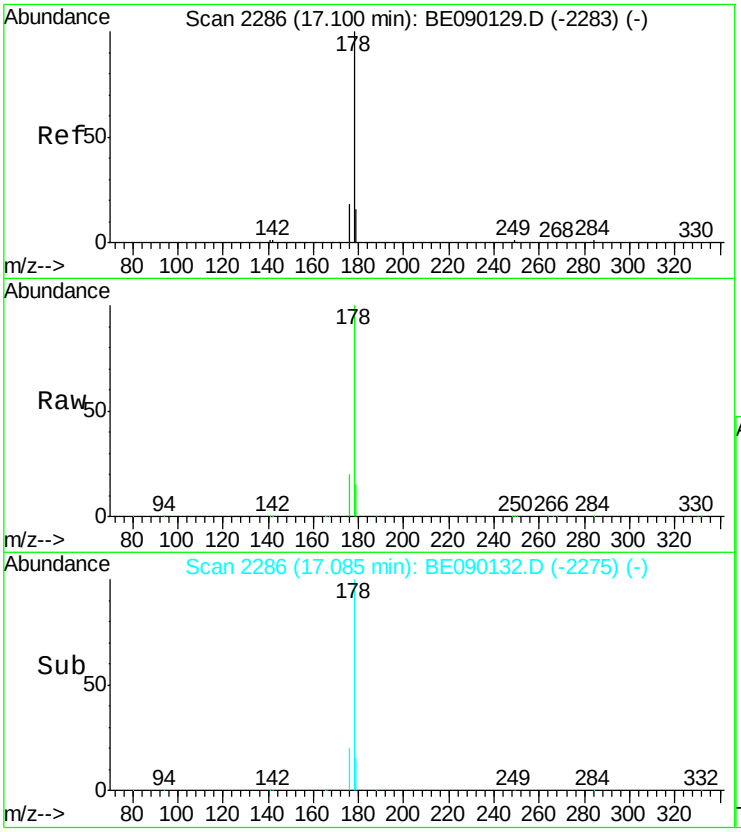


#22
Phenanthrene
Concen: 9.41 ng
RT: 17.00 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Tgt Ion:178 Resp: 199563

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.3	12.2	18.4



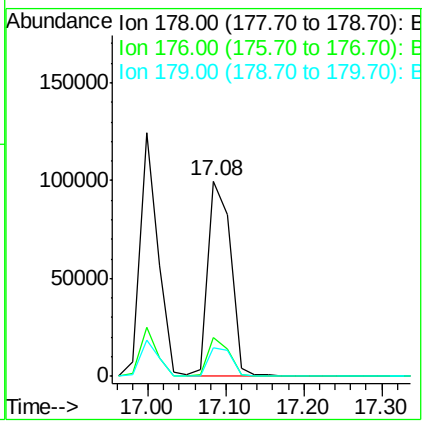


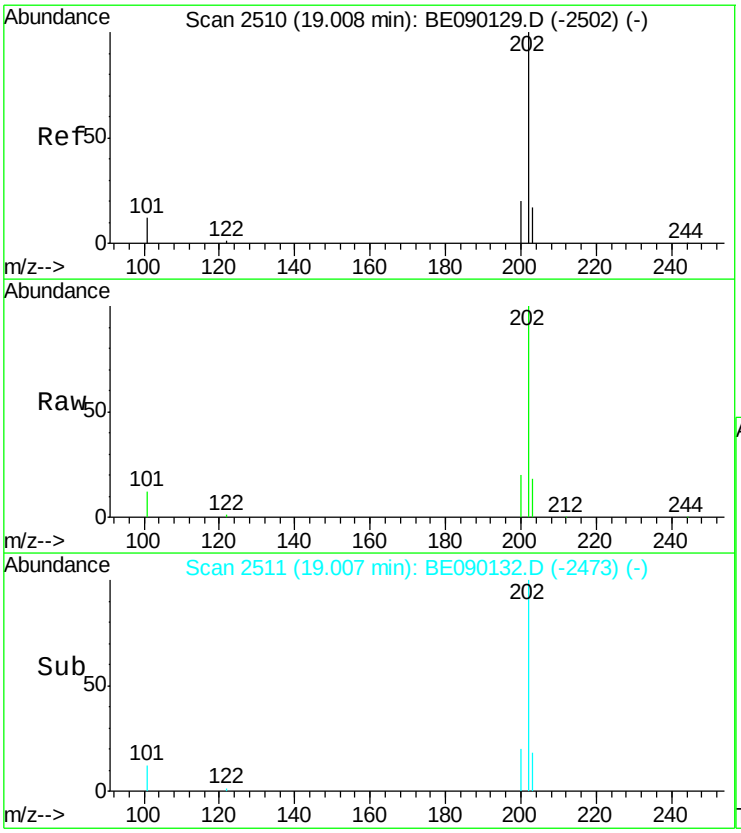
#23
Anthracene
Concen: 10.57 ng
RT: 17.08 min Scan# 2286
Delta R.T. -0.02 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 199310

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.4	12.2	18.4

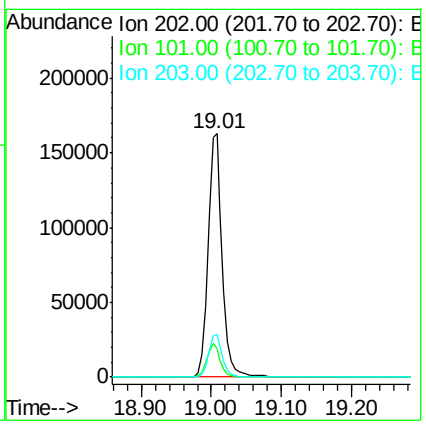


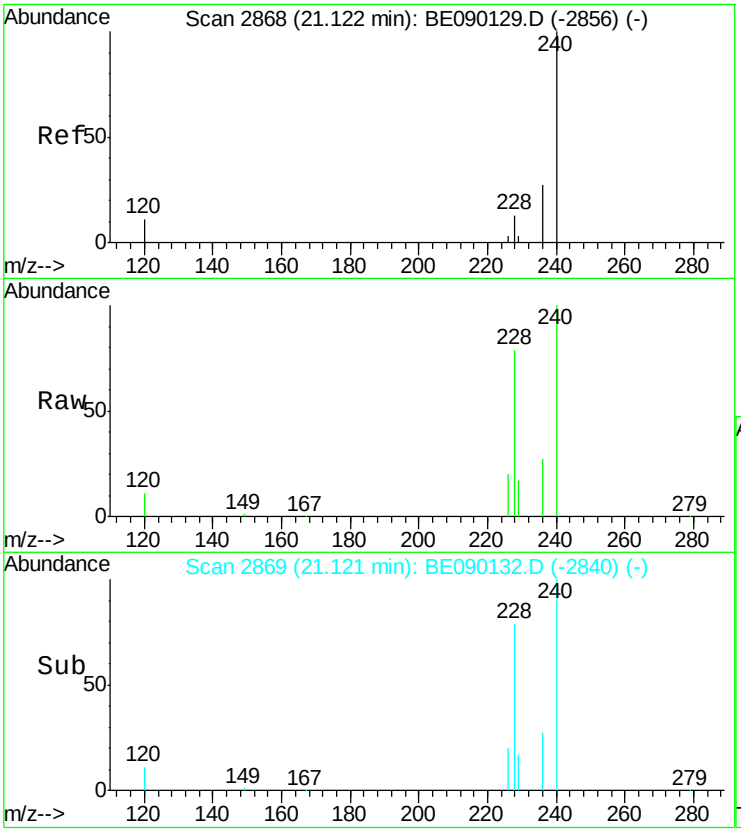


#24
Fluoranthene
Concen: 10.93 ng
RT: 19.01 min Scan# 2511
Delta R.T. -0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Tgt Ion:202 Resp: 230539

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.1	15.1
203	17.4	13.8	20.8



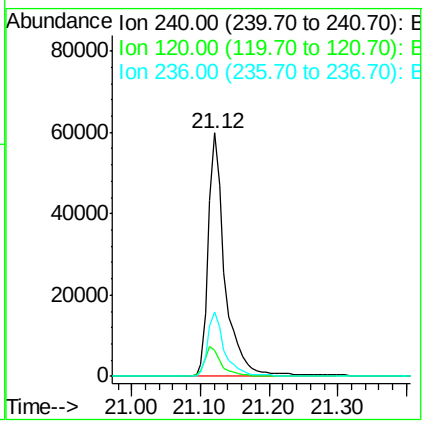


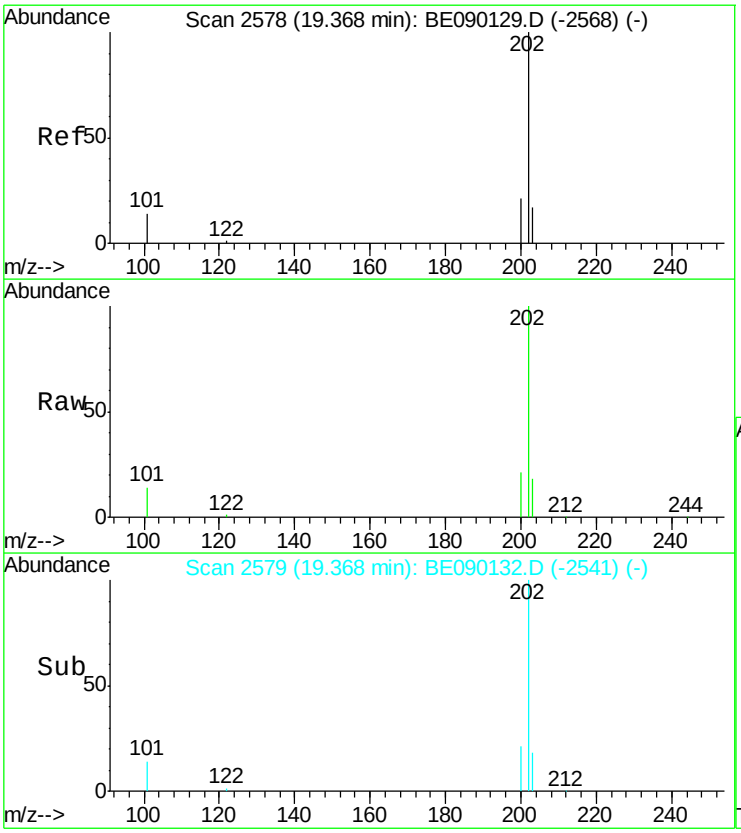
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.12 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:240 Resp: 100663

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.8	13.2
236	26.6	21.4	32.0

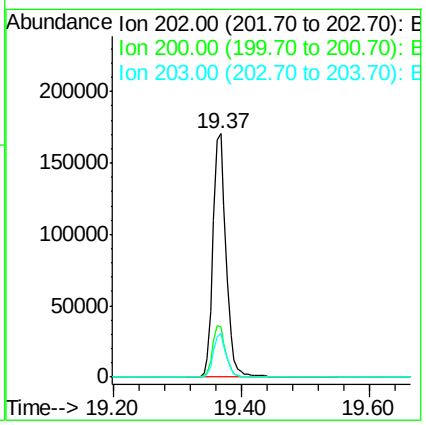




#26
Pyrene
Concen: 9.10 ng
RT: 19.37 min Scan# 2579
Delta R.T. -0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Tgt Ion:202 Resp: 241105

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	17.6	13.9	20.9



#27
Terphenyl-d14
Concen: 10.00 ng
RT: 19.58 min Scan# 2619
Delta R.T. -0.00 min
Lab File: BE090132.D
Acq: 16 Jul 2015 23:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Ref

Tgt Ion:244 Resp: 166054

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.7	10.1
122	11.0	10.7	16.1

Raw

Sub