Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032816\
Data File : BE091541.D
Acq On : 28 Mar 2016 15:57
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Mar 29 01:06:53 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:00:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	33073	5.00	ng		0.00
6) Naphthalene-d8	10.59	136	157726	5.00	ng		0.00
10) Acenaphthene-d10	14.43	164	90173	5.00	ng		-0.01
16) Phenanthrene-d10	17.17	188	237725	5.00	ng		0.00
22) Chrysene-d12	21.34	240	238198	5.00	ng		0.00
28) Perylene-d12	23.78	264	259341	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	2553	0.40	ng		-0.02
5) Phenol-d6	6.97	99	3357	0.38	ng		-0.02
7) Nitrobenzene-d5	8.97	82	2702	0.39	ng		-0.01
11) 2,4,6-Tribromophenol	15.91	330	1133	0.74	ng		-0.01
12) 2-Fluorobiphenyl	13.06	172	10102	0.40	ng		-0.01
24) Terphenyl-d14	19.78	244	16067	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	1814	0.41	ng	#	96
3) n-Nitrosodimethylamine	3.68	42	1562	0.41	ng	#	94
8) Naphthalene	10.65	128	12797	0.40	ng	#	93
9) 2-Methylnaphthalene	12.25	142	7566	0.38	ng	#	88
13) Acenaphthylene	14.15	152	11972	0.38	ng		97
14) Acenaphthene	14.49	154	9127	0.41	ng		99
15) Fluorene	15.47	166	10649	0.39	ng		100
17) Hexachlorobenzene	16.48	284	3263	0.39	ng		96
18) Pentachlorophenol	16.81	266	828	0.46	ng		98
19) Phenanthrene	17.21	178	21673	0.40	ng		100
20) Anthracene	17.30	178	17061	0.38	ng		100
21) Fluoranthene	19.21	202	19613	0.39	ng		99
23) Pyrene	19.57	202	21790	0.39	ng		97
25) Benzo(a)anthracene	21.36	228	50987	0.93	ng		96
26) Chrysene	21.36	228	51278	0.71	ng	#	90
27) Indeno(1,2,3-cd)pyrene	26.36	276	22234	0.40	ng		99
29) Benzo(b)fluoranthene	23.02	252	23703	0.41	ng		98
30) Benzo(k)fluoranthene	23.08	252	20006	0.35	ng		98
31) Benzo(a)pyrene	23.67	252	17371	0.49	ng		98
32) Dibenzo(a,h)anthracene	26.39	278	18932	0.37	ng		98
33) Benzo(g,h,i)perylene	27.15	276	19745	0.37	ng		100

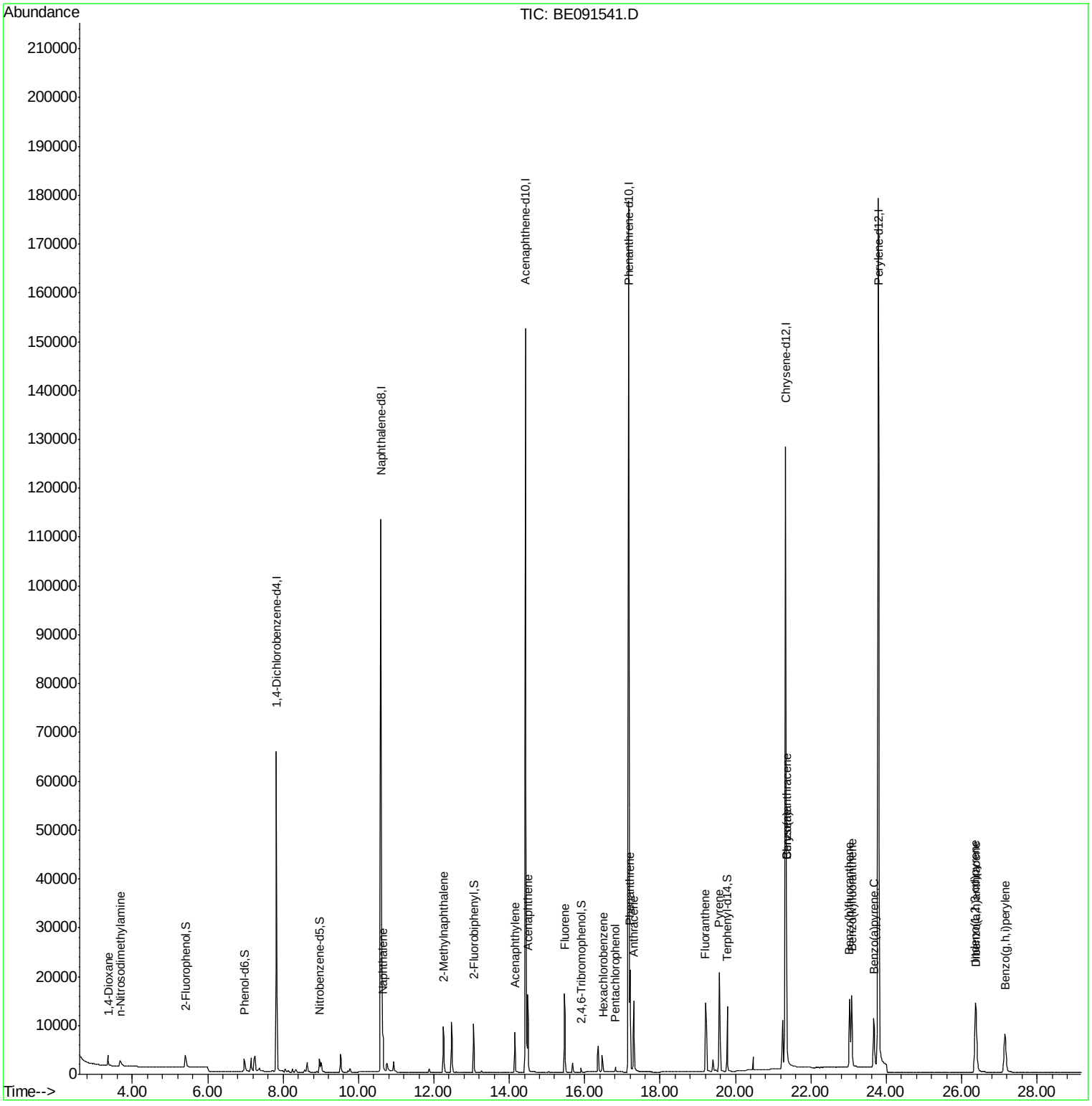
(#) = qualifier out of range (m) = manual integration (+) = signals summed

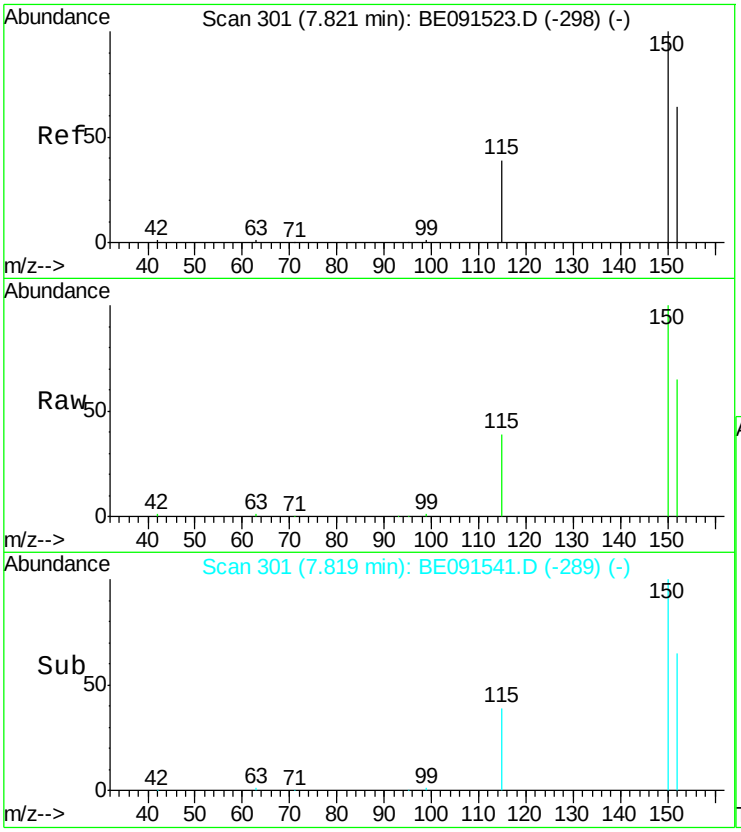
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032816\
Data File : BE091541.D
Acq On : 28 Mar 2016 15:57
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 29 01:06:53 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:00:32 2016
Response via : Initial Calibration



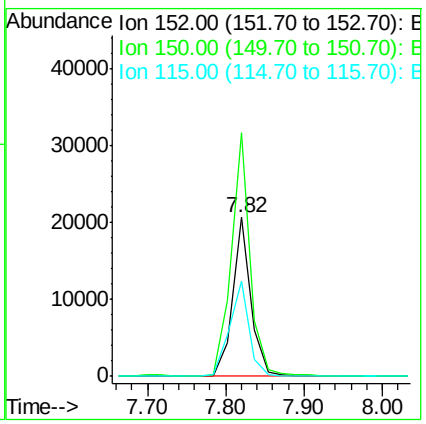


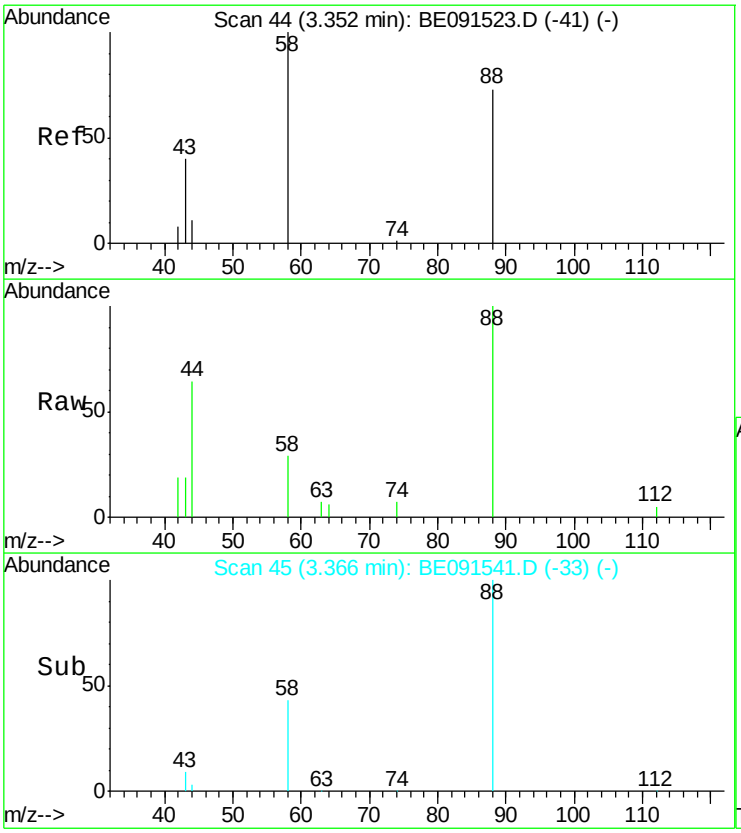
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.82 min Scan# 301
Delta R.T. 0.00 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 33073

Ion	Ratio	Lower	Upper
152	100		
150	153.4	122.2	183.2
115	60.0	45.9	68.9

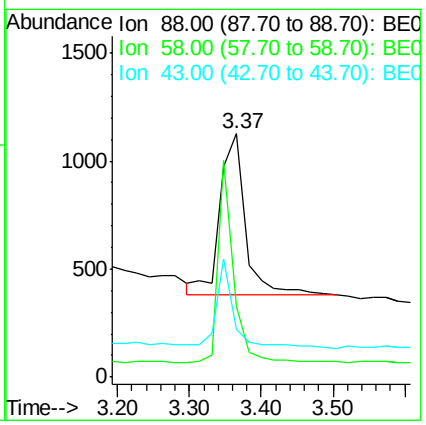


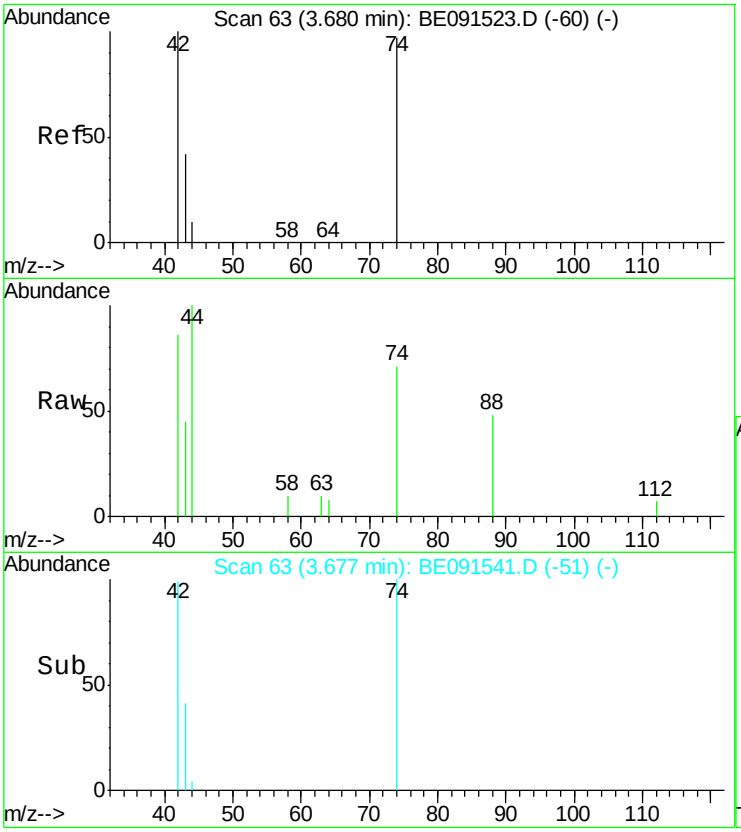


#2
1,4-Dioxane
Concen: 0.41 ng
RT: 3.37 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Tgt Ion: 88 Resp: 1814

Ion	Ratio	Lower	Upper
88	100		
58	76.8	61.0	91.6
43	39.0	25.4	38.2#



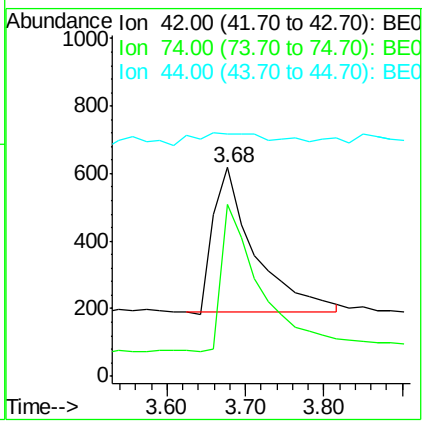


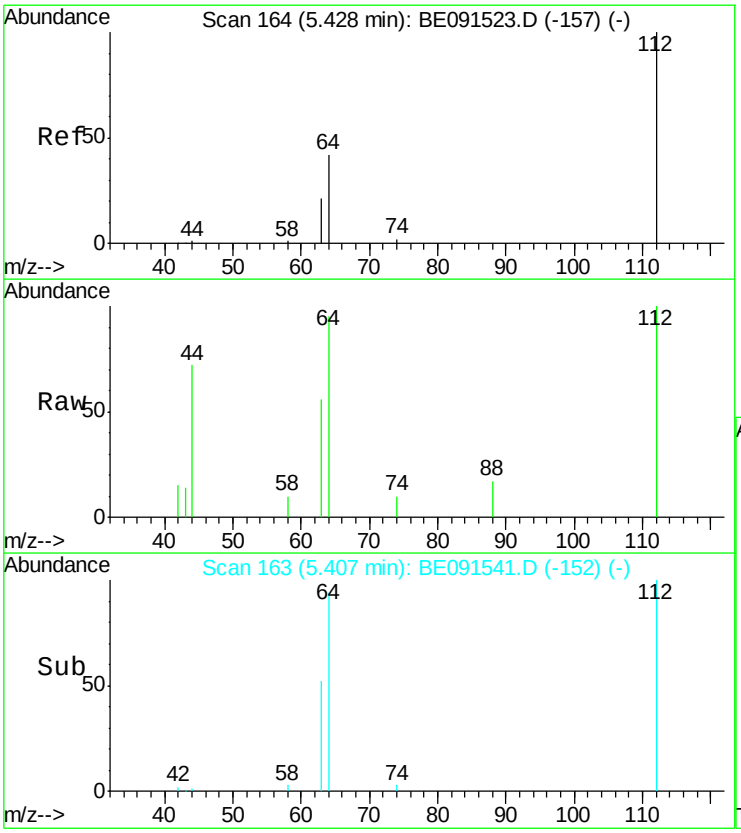
#3
n-Nitrosodimethylamine
Concen: 0.41 ng
RT: 3.68 min Scan# 63
Delta R.T. 0.00 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1562

Ion	Ratio	Lower	Upper
42	100		
74	100.4	84.3	126.5
44	14.5	6.7	10.1#

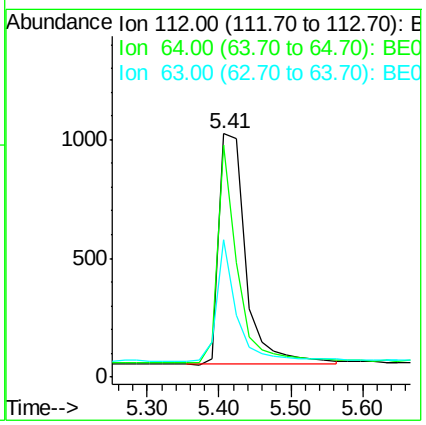


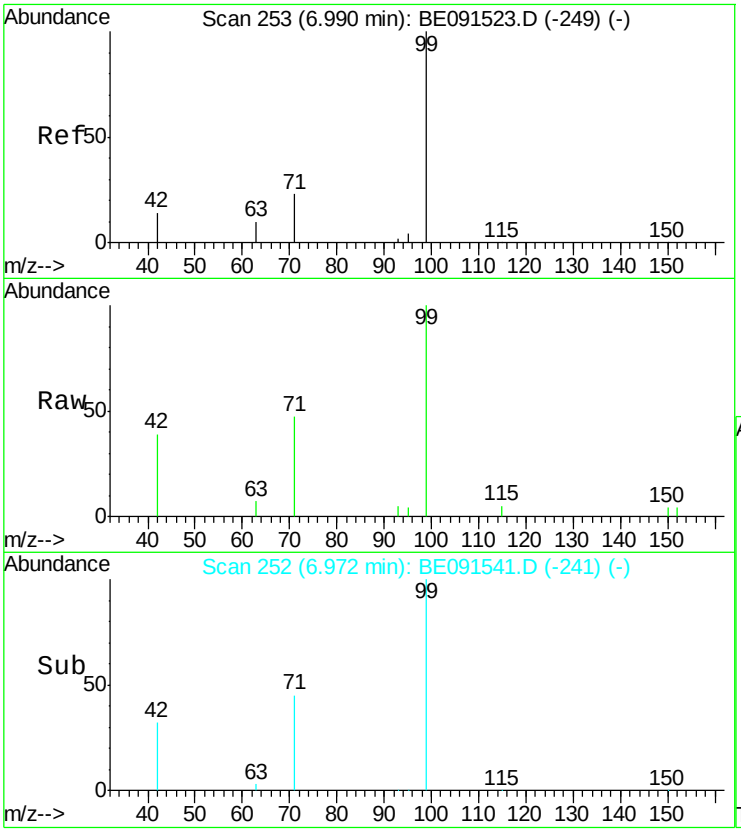


#4
2-Fluorophenol
Concen: 0.40 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.02 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Tgt Ion:112 Resp: 2553

Ion	Ratio	Lower	Upper
112	100		
64	70.6	53.3	79.9
63	38.3	29.8	44.8



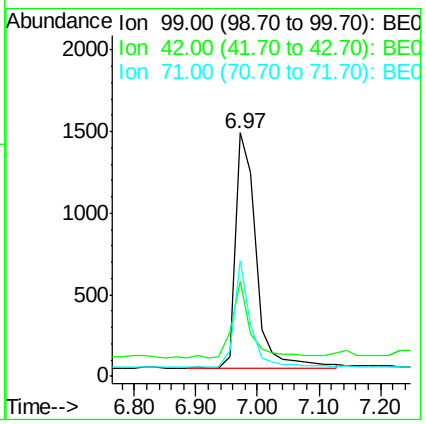


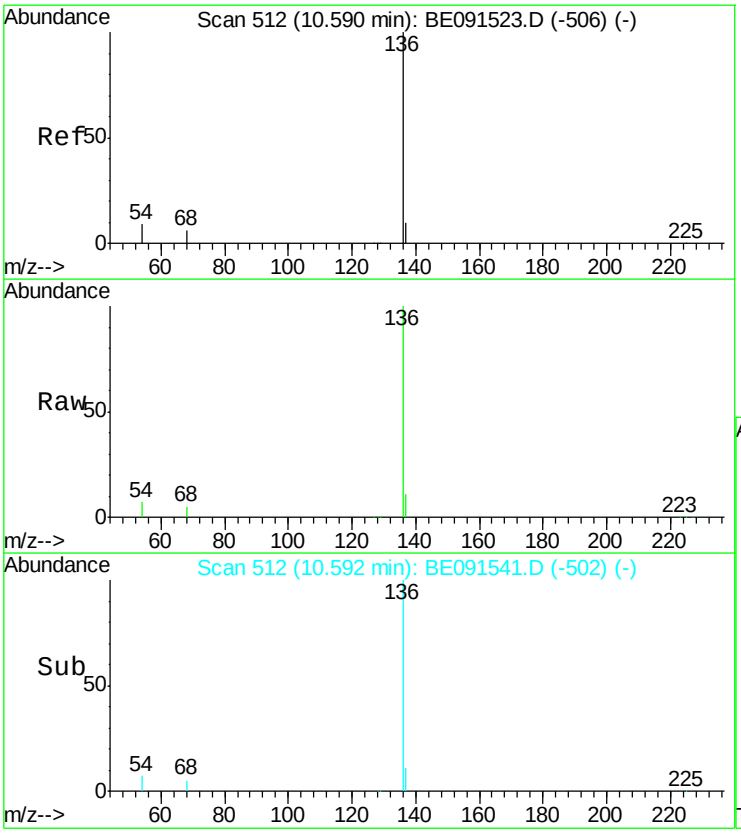
#5
Phenol-d6
Concen: 0.38 ng
RT: 6.97 min Scan# 252
Delta R.T. -0.02 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 3357

Ion	Ratio	Lower	Upper
99	100		
42	28.6	20.6	30.8
71	36.6	29.0	43.4

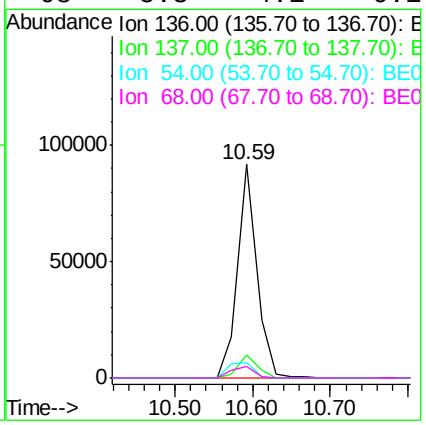


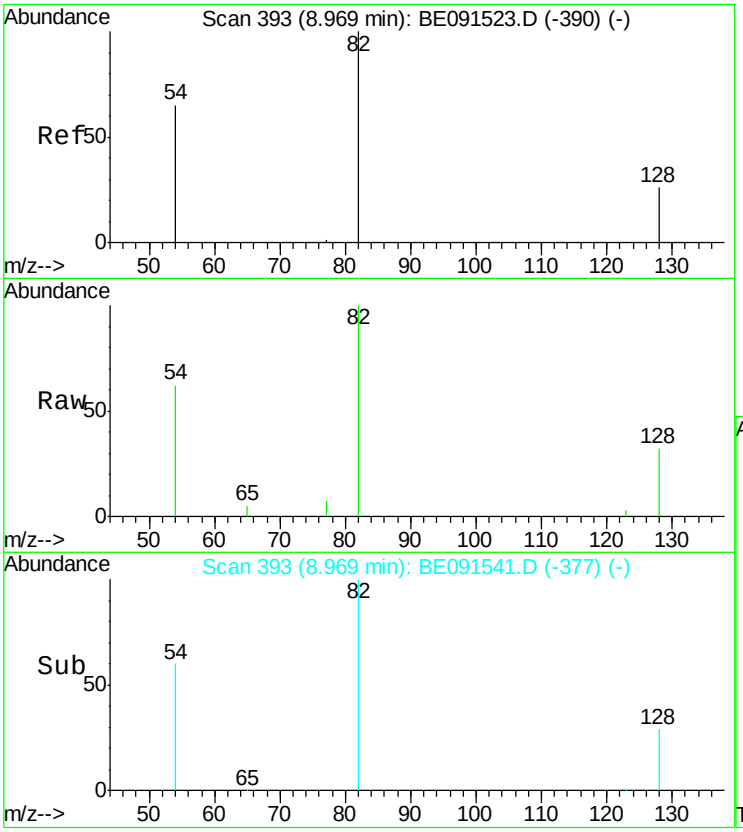


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.59 min Scan# 512
Delta R.T. 0.00 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Tgt Ion:136 Resp: 157726

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.3	5.2	7.8
68	5.3	4.1	6.1



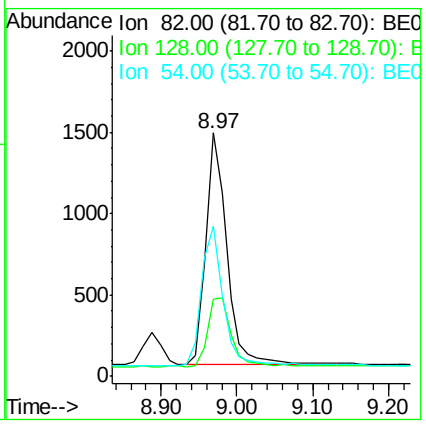


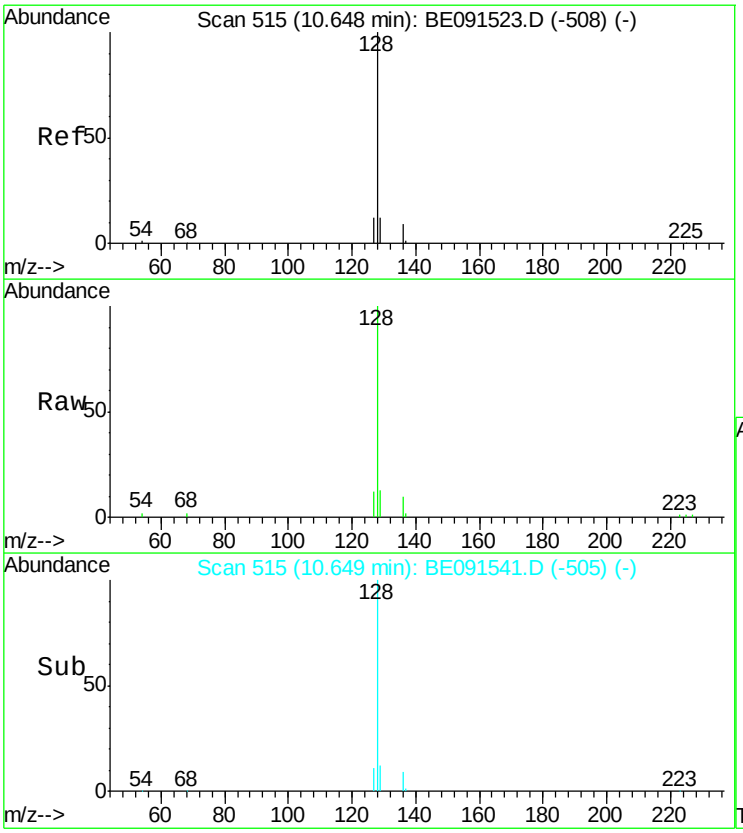
#7
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.97 min Scan# 393
Delta R.T. -0.01 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 82 Resp: 2702

Ion	Ratio	Lower	Upper
82	100		
128	31.7	23.5	35.3
54	61.9	52.4	78.6

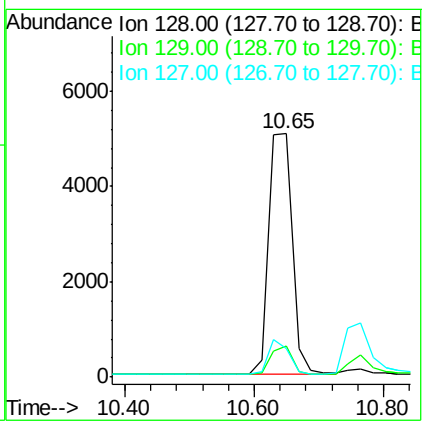


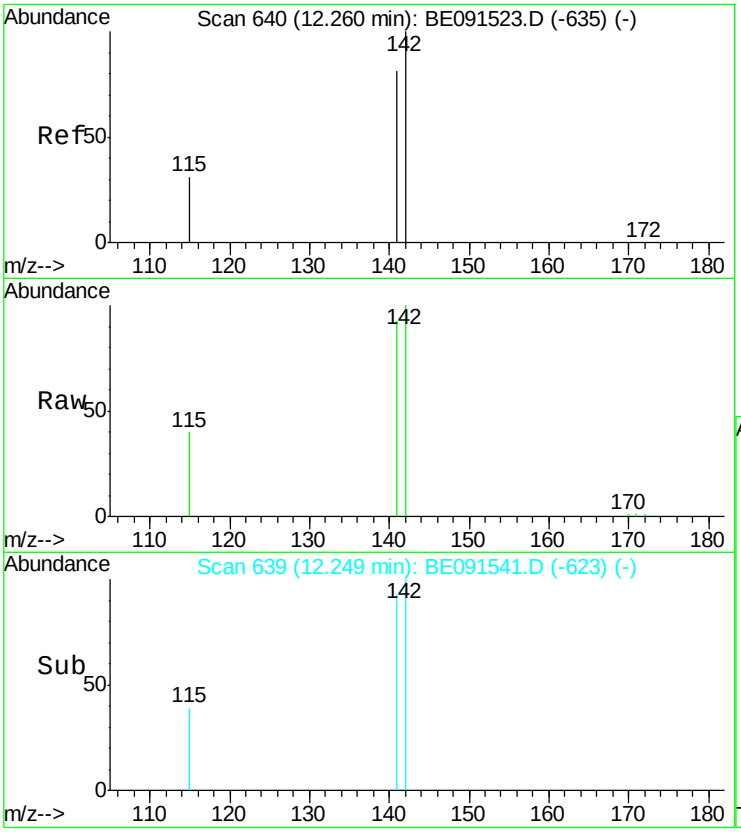


#8
Naphthalene
Concen: 0.40 ng
RT: 10.65 min Scan# 515
Delta R.T. 0.00 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Tgt Ion:128 Resp: 12797

Ion	Ratio	Lower	Upper
128	100		
129	12.8	8.2	12.2#
127	11.8	11.8	17.8#



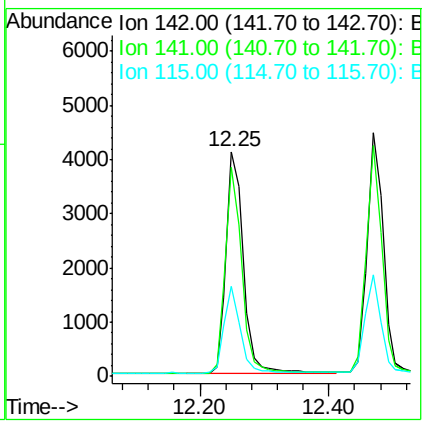


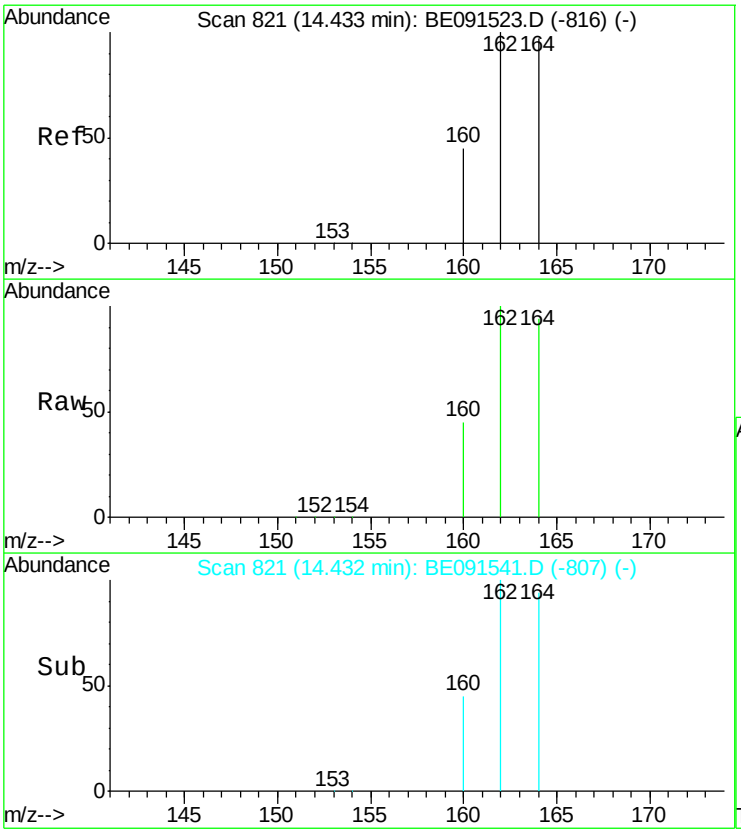
#9
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.25 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:142 Resp: 7566

Ion	Ratio	Lower	Upper
142	100		
141	93.0	66.9	100.3
115	40.2	25.1	37.7#

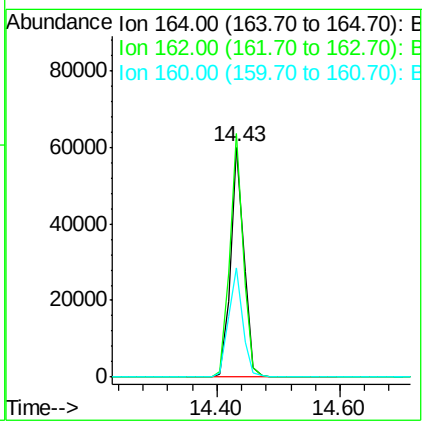


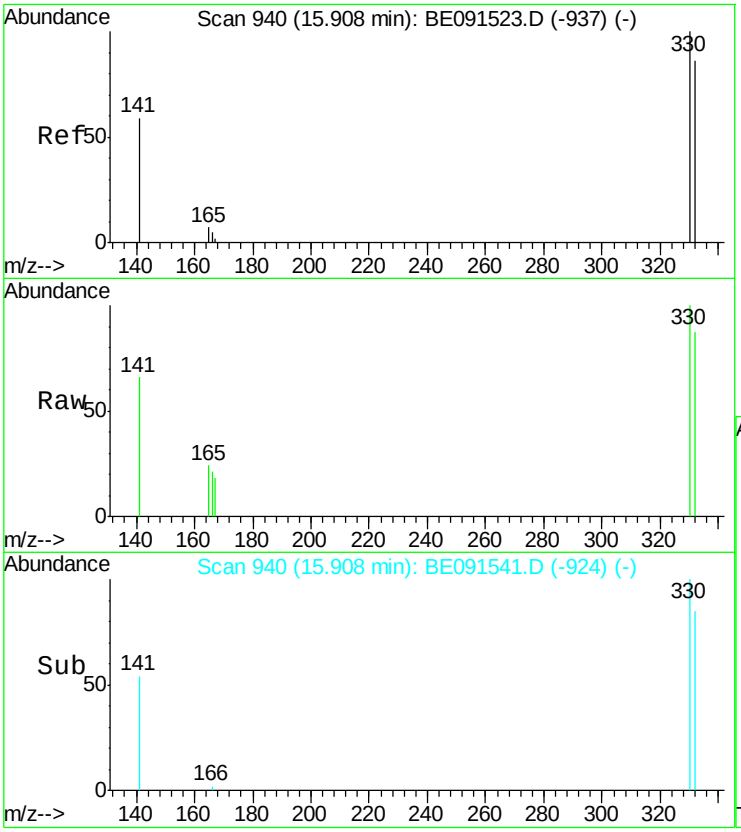


#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.43 min Scan# 821
Delta R.T. -0.01 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Tgt Ion:164 Resp: 90173

Ion	Ratio	Lower	Upper
164	100		
162	105.9	84.4	126.6
160	47.7	37.7	56.5



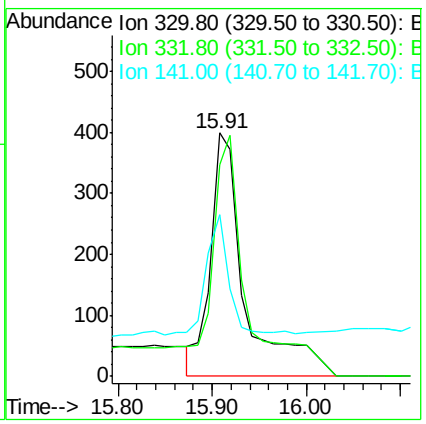


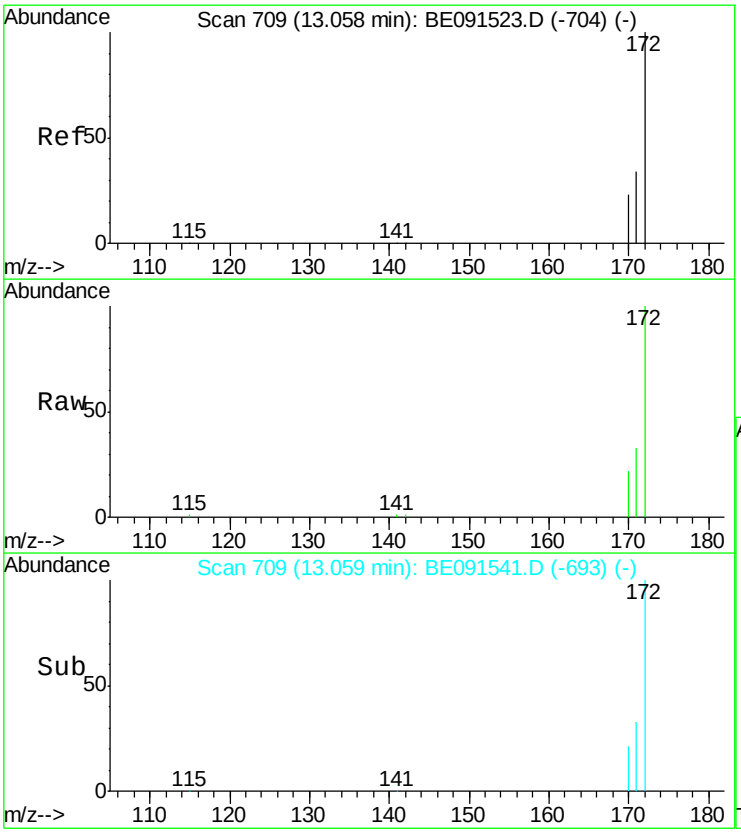
#11
2,4,6-Tribromophenol
Concen: 0.74 ng
RT: 15.91 min Scan# 940
Delta R.T. -0.01 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:330 Resp: 1133

Ion	Ratio	Lower	Upper
330	100		
332	97.8	79.2	118.8
141	28.9	28.1	42.1

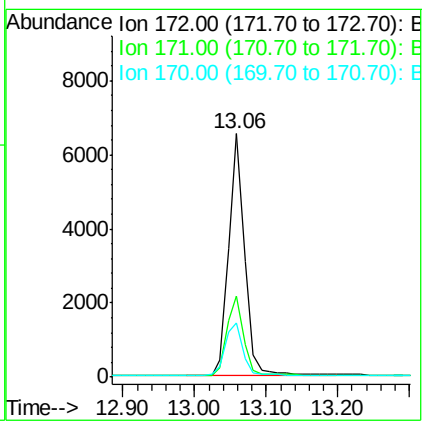


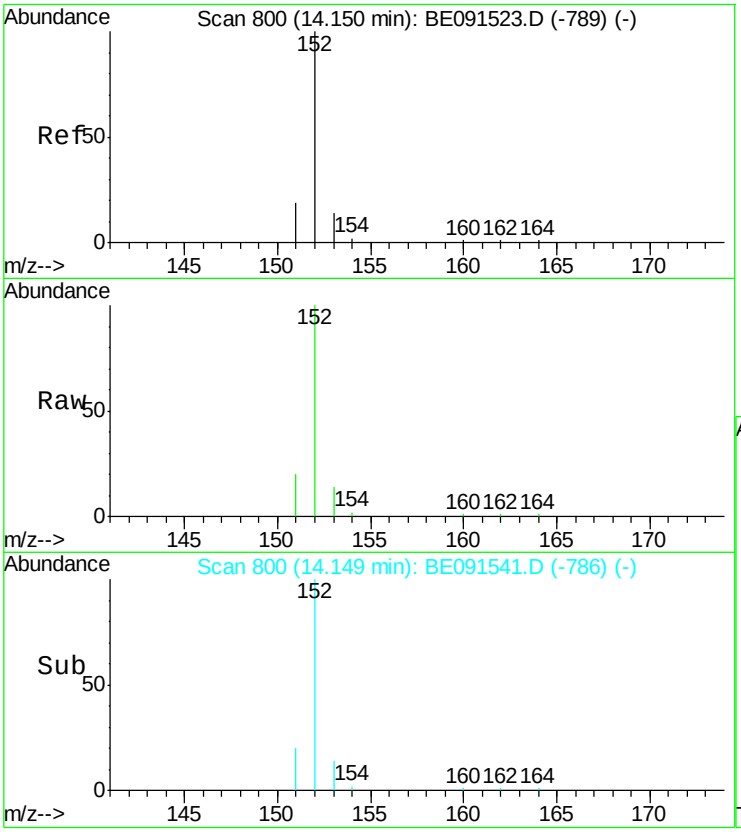


#12
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.06 min Scan# 709
Delta R.T. -0.01 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Tgt Ion:172 Resp: 10102

Ion	Ratio	Lower	Upper
172	100		
171	33.1	29.8	44.8
170	22.0	21.4	32.2



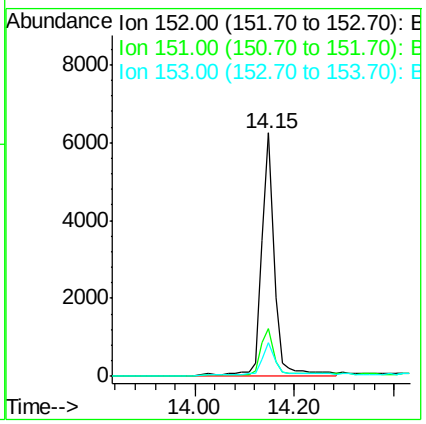


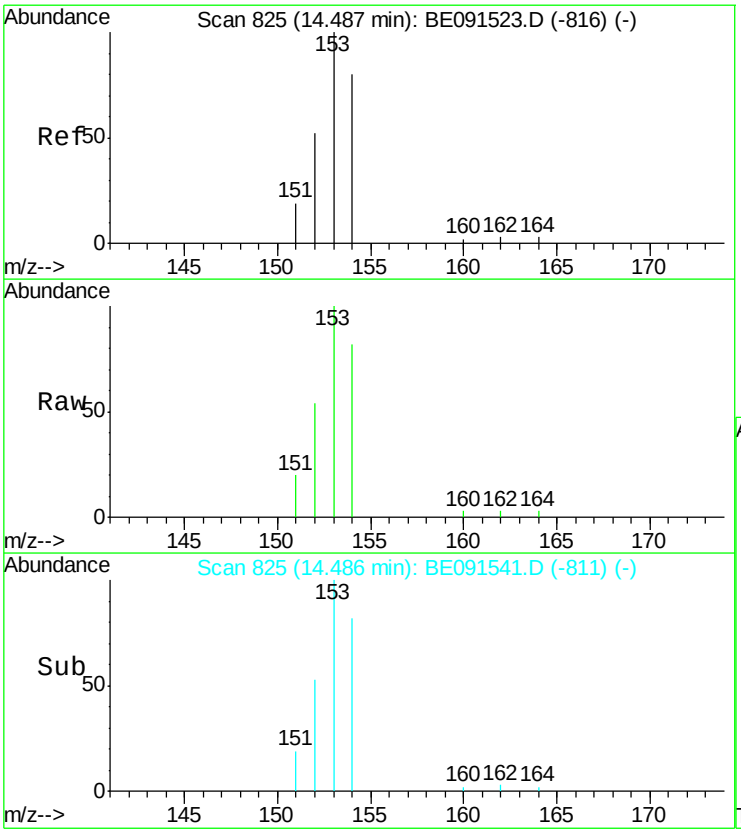
#13
Acenaphthylene
Concen: 0.38 ng
RT: 14.15 min Scan# 800
Delta R.T. 0.00 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 11972

Ion	Ratio	Lower	Upper
152	100		
151	18.6	16.3	24.5
153	12.8	11.1	16.7

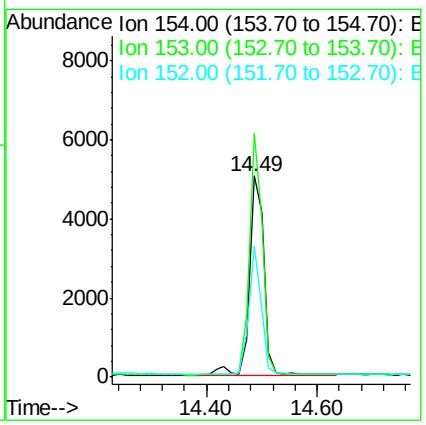


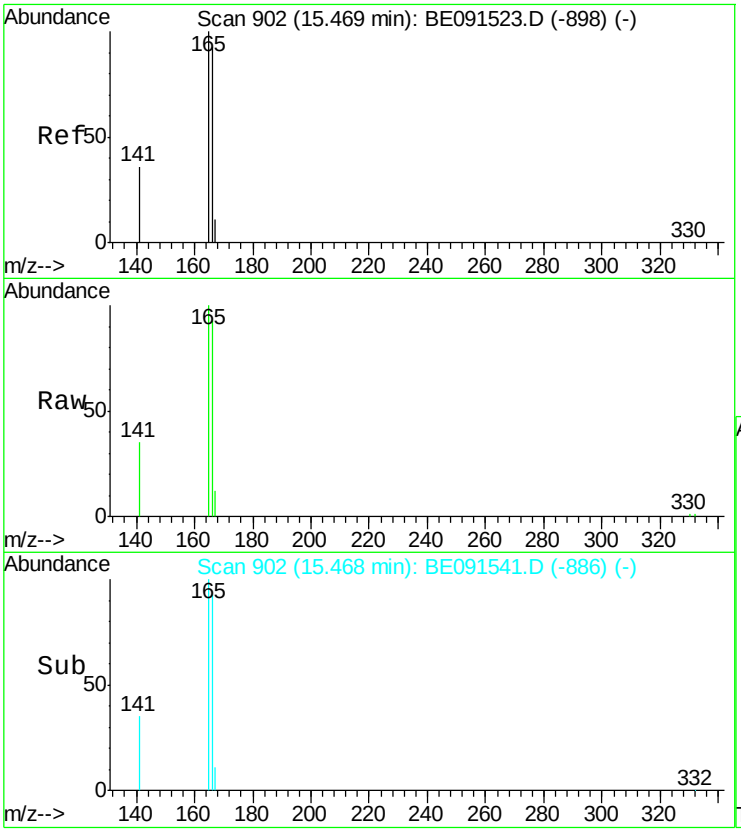


#14
Acenaphthene
Concen: 0.41 ng
RT: 14.49 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Tgt Ion:154 Resp: 9127

Ion	Ratio	Lower	Upper
154	100		
153	108.1	87.3	130.9
152	54.6	42.9	64.3



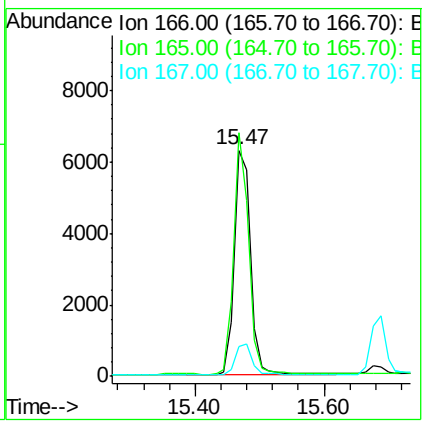


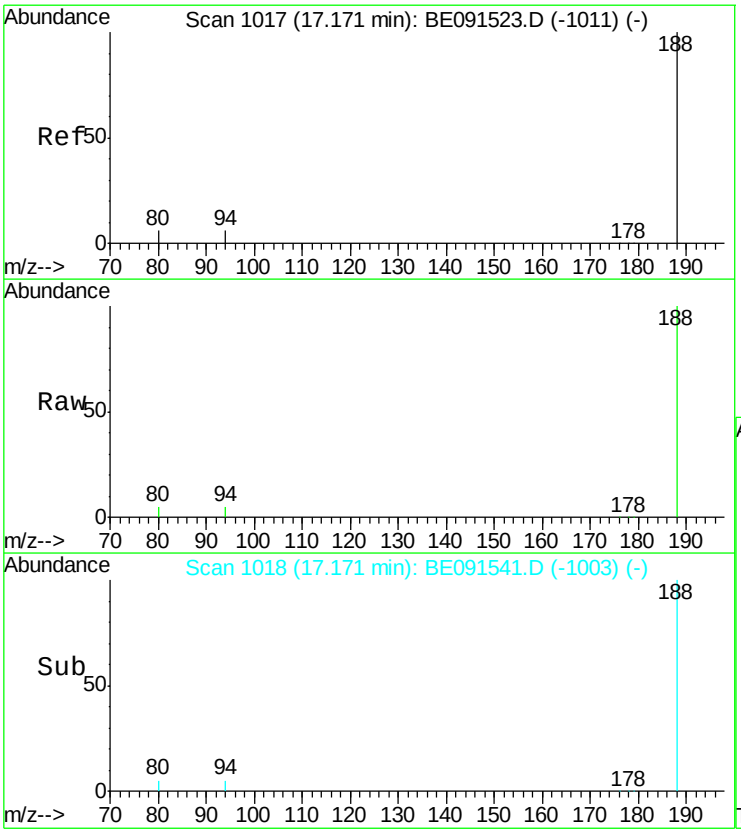
#15
Fluorene
Concen: 0.39 ng
RT: 15.47 min Scan# 902
Delta R.T. -0.01 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:166 Resp: 10649

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.2	118.8
167	13.5	10.8	16.2

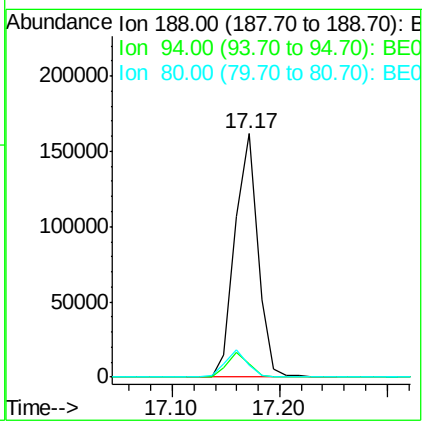


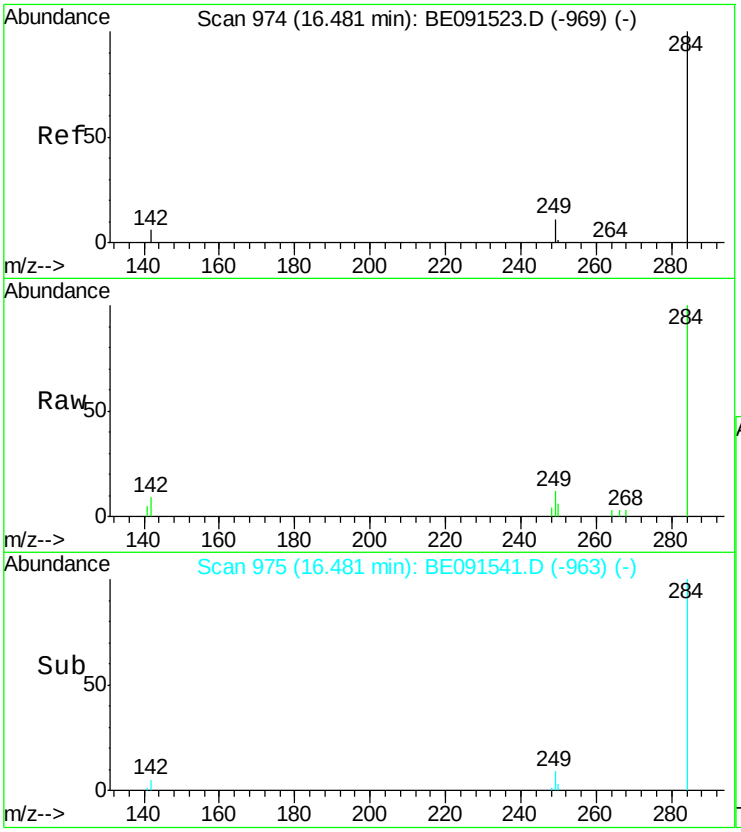


#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.17 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Tgt Ion:188 Resp: 237725

Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.4	8.2
80	4.8	5.0	7.4#



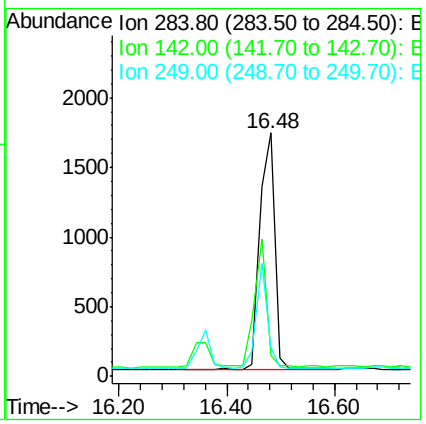


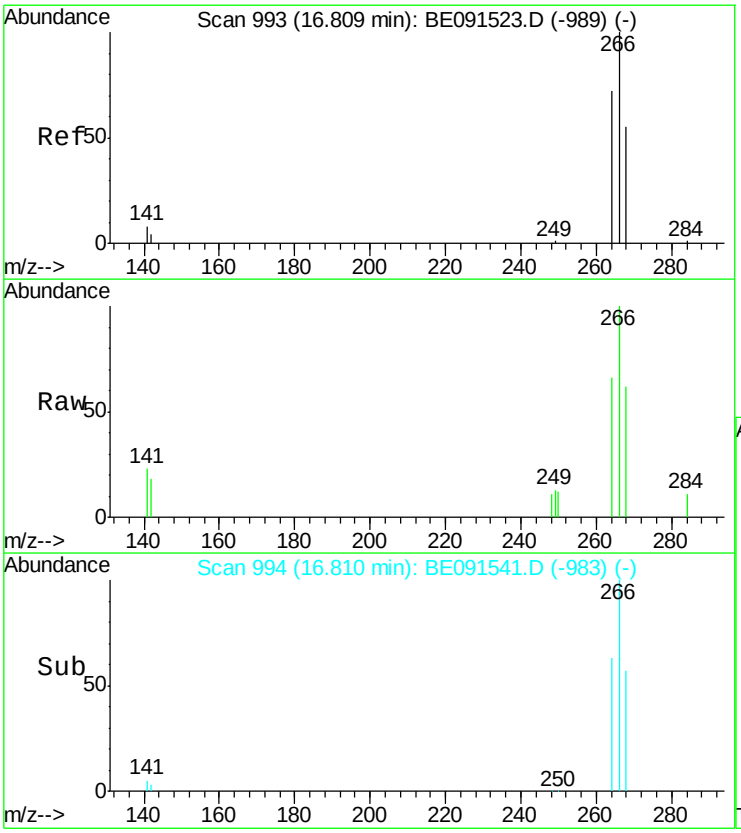
#17
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.48 min Scan# 975
Delta R.T. -0.00 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 3263

Ion	Ratio	Lower	Upper
284	100		
142	43.0	31.0	46.4
249	32.7	25.8	38.8

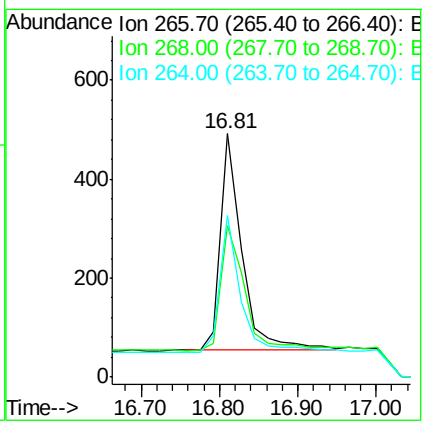


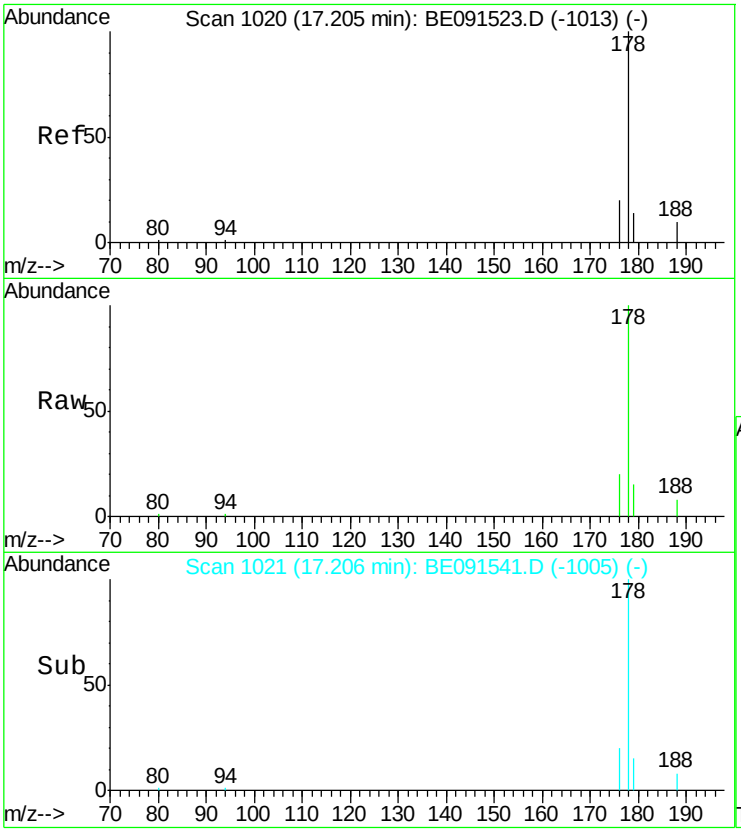


#18
Pentachlorophenol
Concen: 0.46 ng
RT: 16.81 min Scan# 994
Delta R.T. -0.02 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Tgt Ion:266 Resp: 828

Ion	Ratio	Lower	Upper
266	100		
268	62.2	48.2	72.2
264	66.5	52.1	78.1



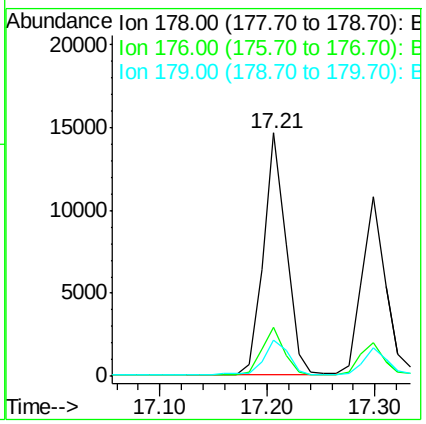


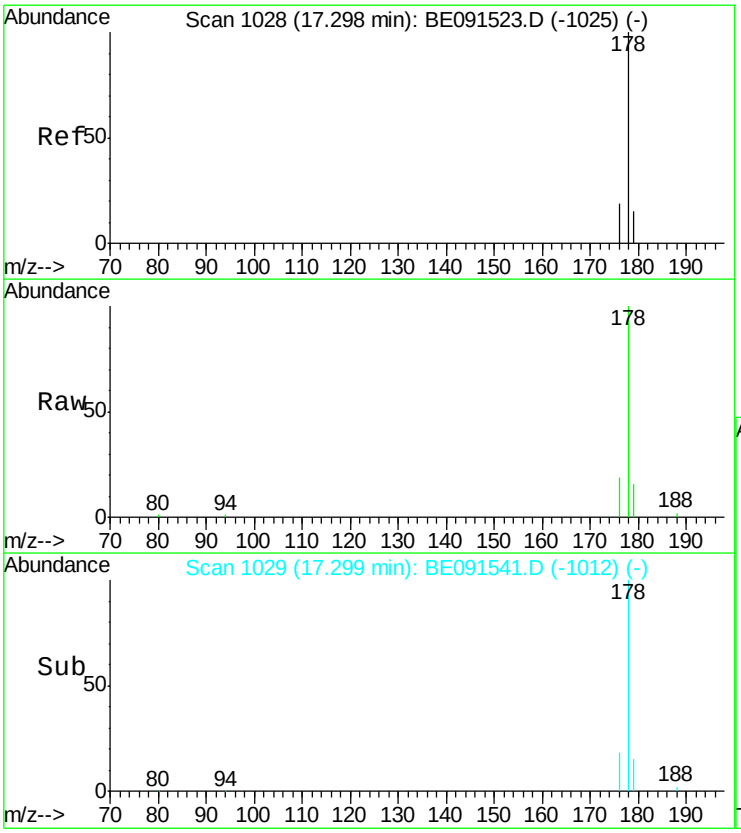
#19
Phenanthrene
Concen: 0.40 ng
RT: 17.21 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 21673

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	16.3	13.1	19.7

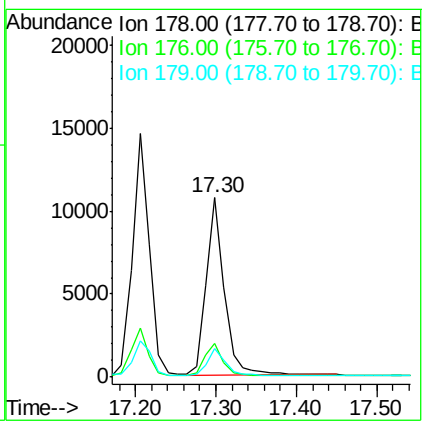


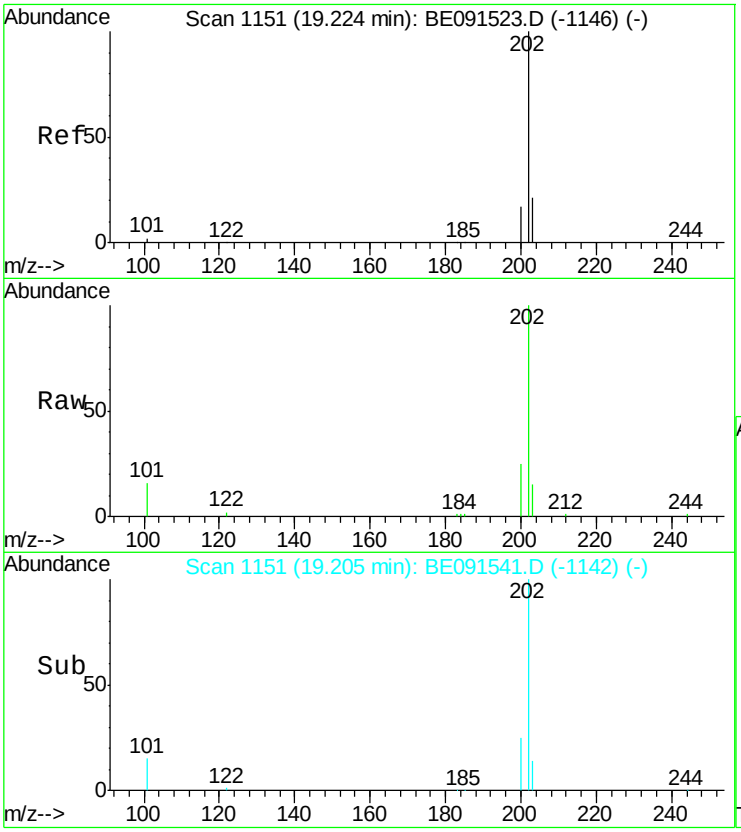


#20
Anthracene
Concen: 0.38 ng
RT: 17.30 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Tgt Ion:178 Resp: 17061

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.2	12.2	18.4



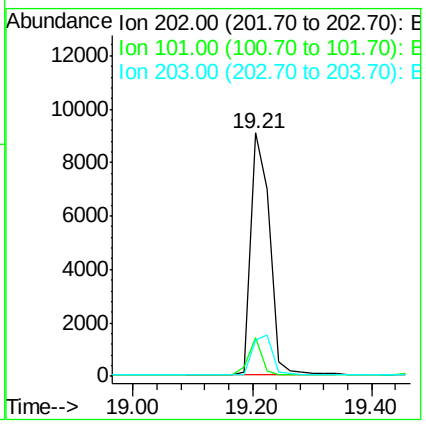


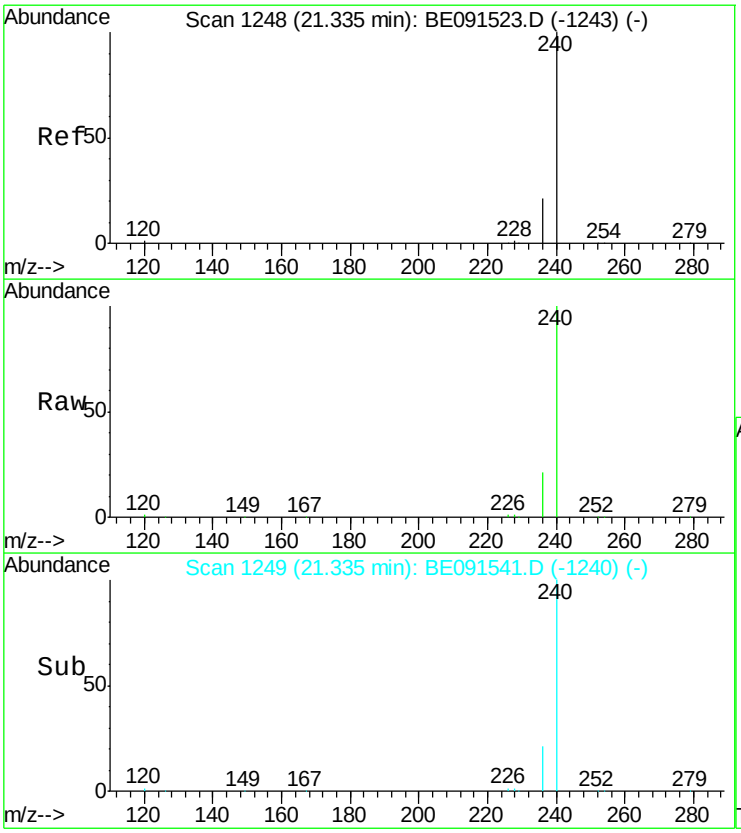
#21
Fluoranthene
Concen: 0.39 ng
RT: 19.21 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 19613

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.3	12.5
203	17.3	13.9	20.9

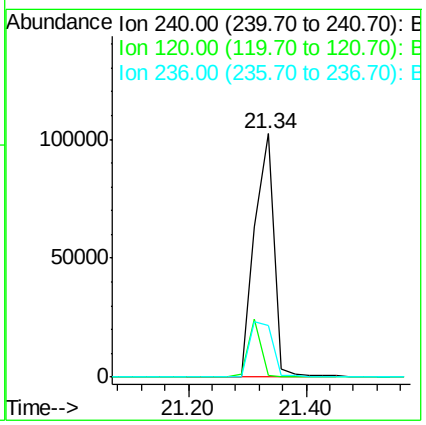


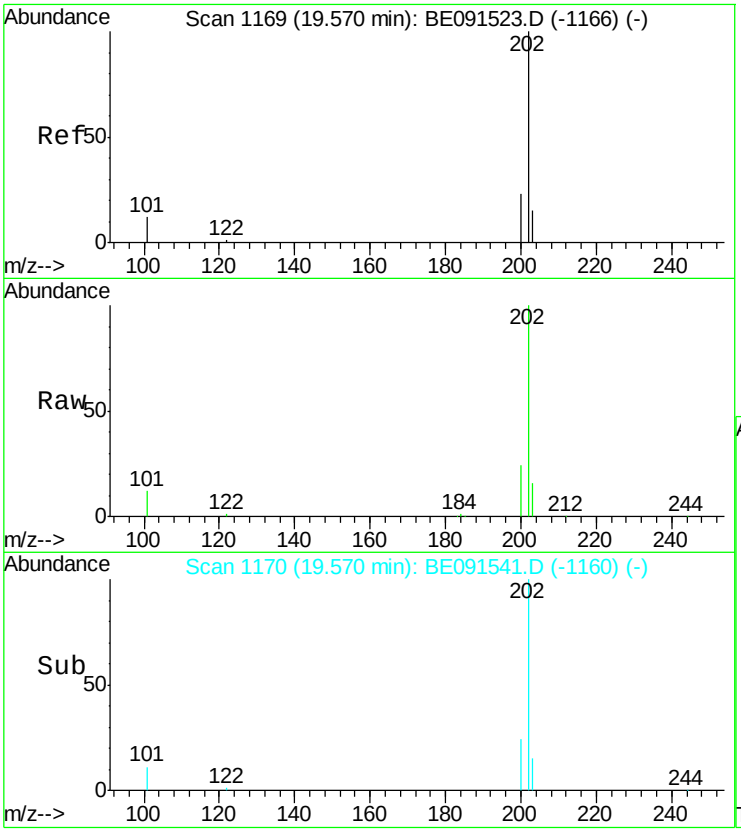


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.34 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Tgt Ion:240 Resp: 238198

Ion	Ratio	Lower	Upper
240	100		
120	1.0	4.0	6.0#
236	21.2	23.0	34.4#



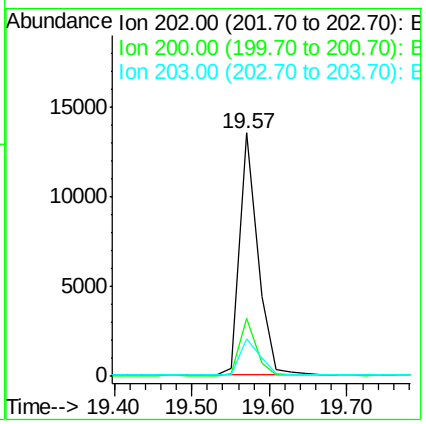


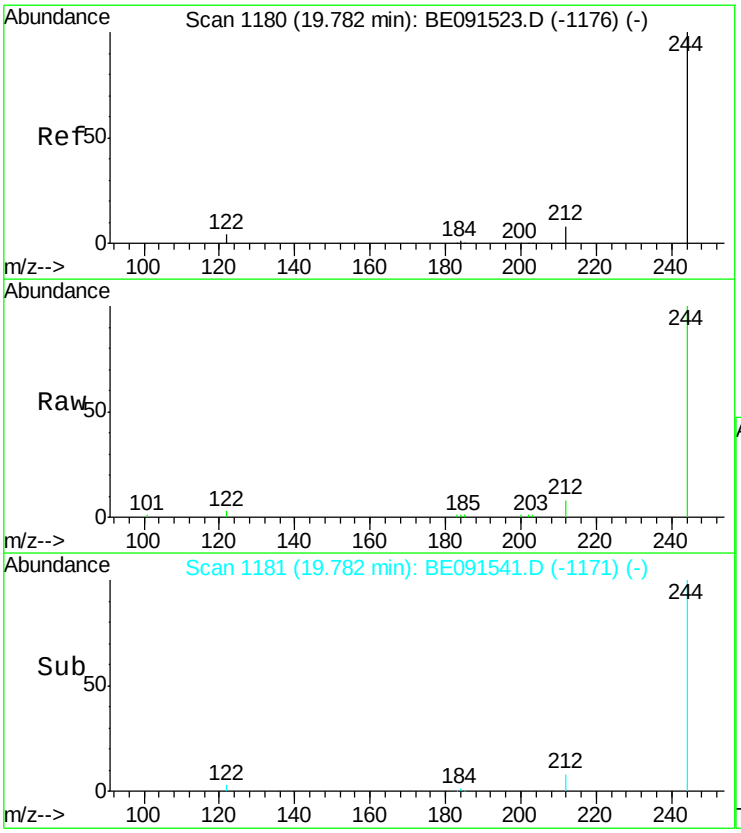
#23
Pyrene
Concen: 0.39 ng
RT: 19.57 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 21790

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.4	24.6
203	17.3	14.6	21.8

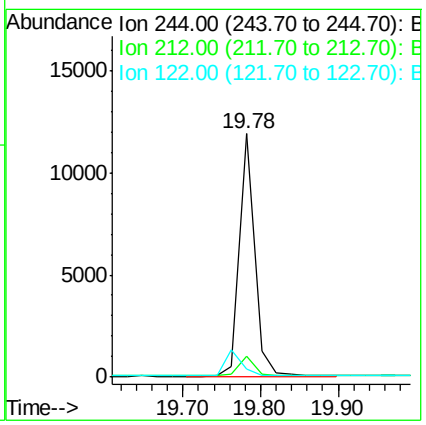


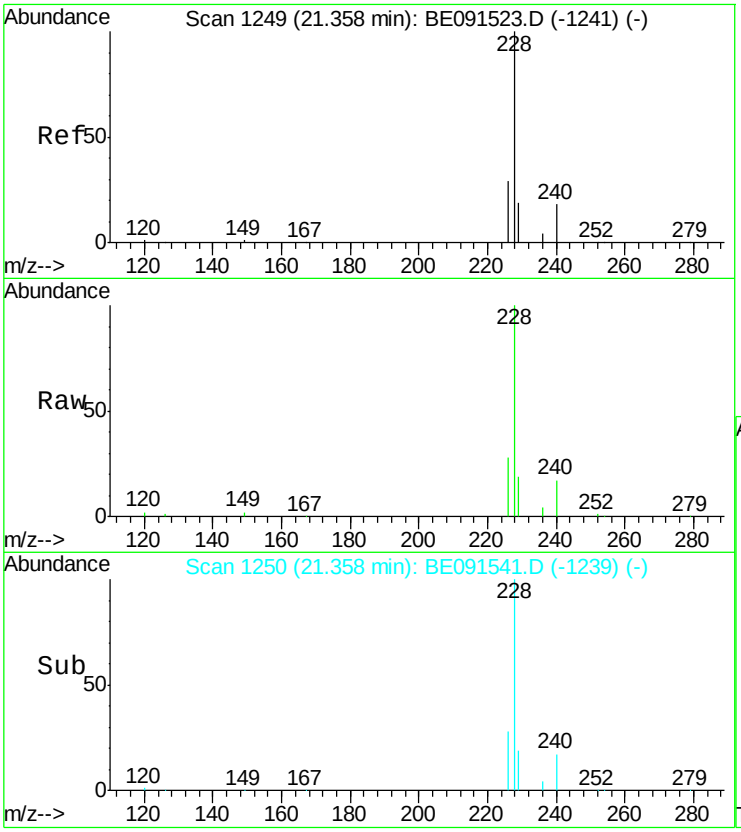


#24
Terphenyl-d14
Concen: 0.41 ng
RT: 19.78 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Tgt Ion:244 Resp: 16067

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	3.3	1.8	2.8#



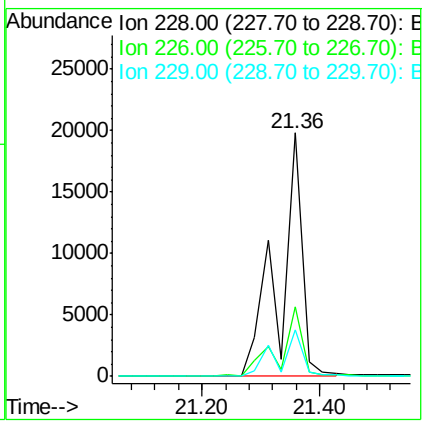


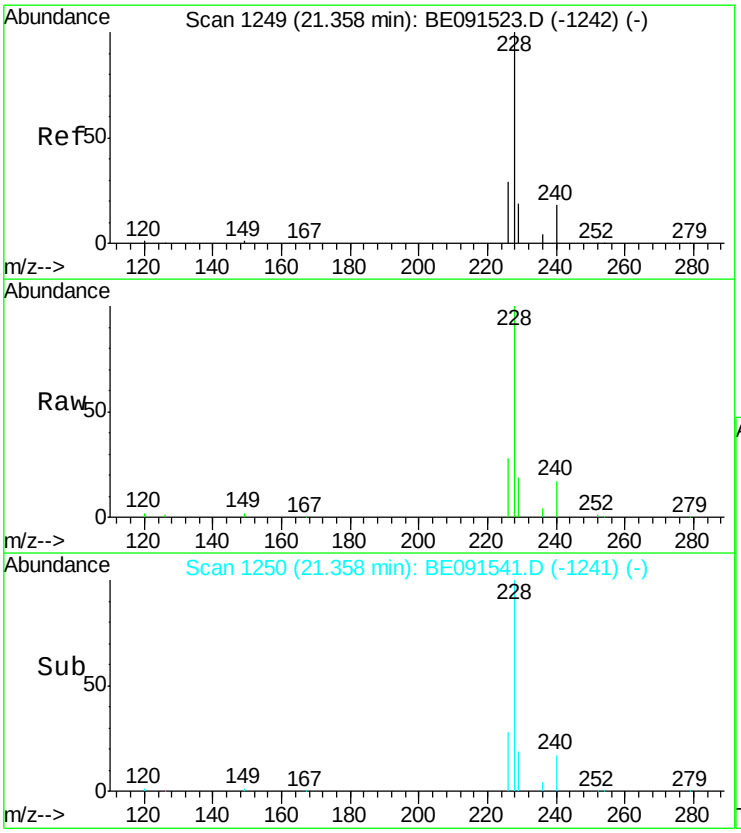
#25
Benzo(a)anthracene
Concen: 0.93 ng
RT: 21.36 min Scan# 1250
Delta R.T. 0.05 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 50987

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.0	36.0
229	19.3	13.8	20.6

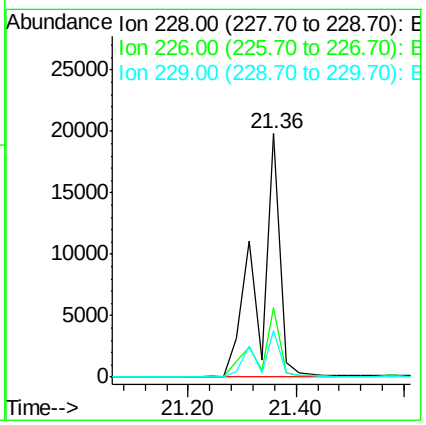


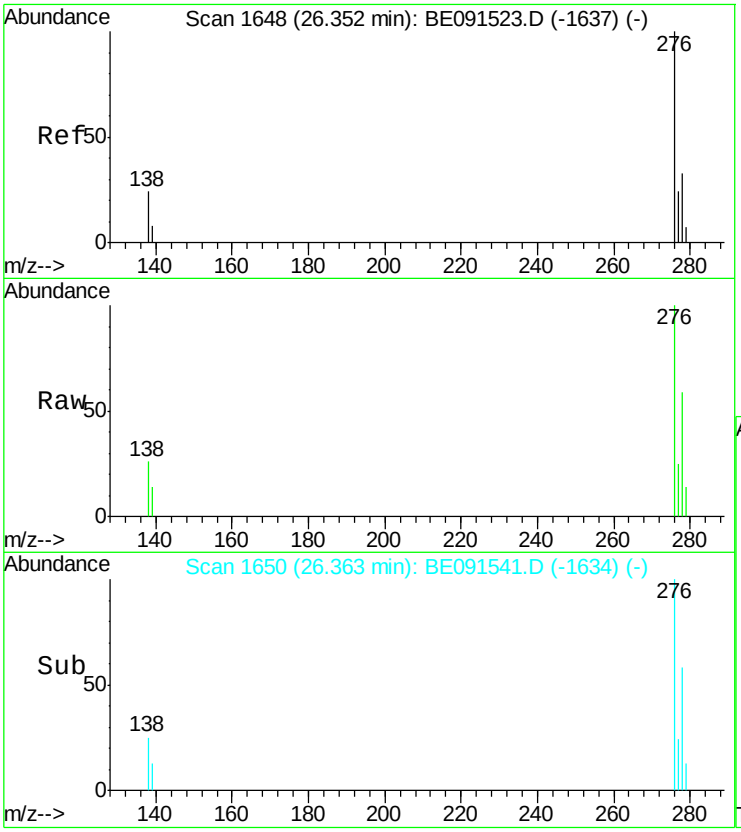


#26
Chrysene
Concen: 0.71 ng
RT: 21.36 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Tgt Ion:228 Resp: 51278

Ion	Ratio	Lower	Upper
228	100		
226	28.5	18.9	28.3#
229	19.3	19.1	28.7



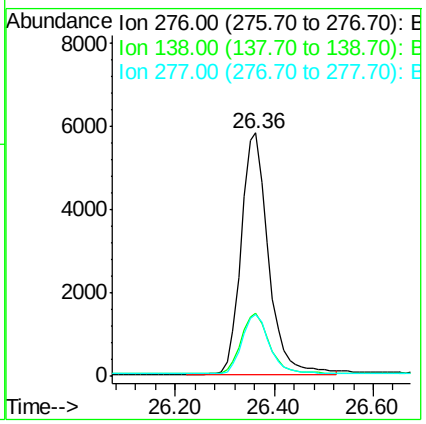


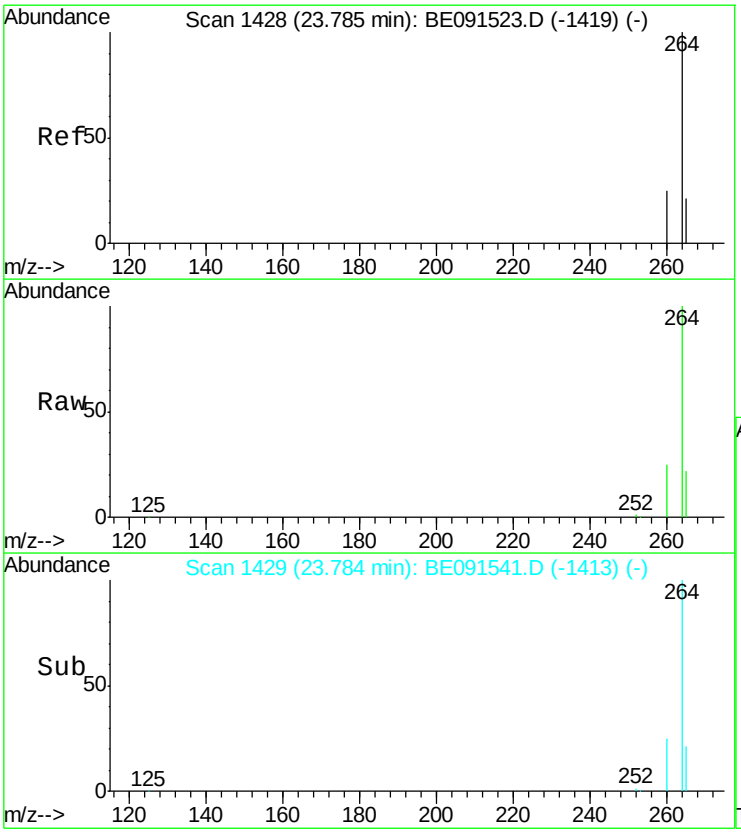
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.40 ng
RT: 26.36 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 22234

Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.2	30.4
277	24.8	19.8	29.8

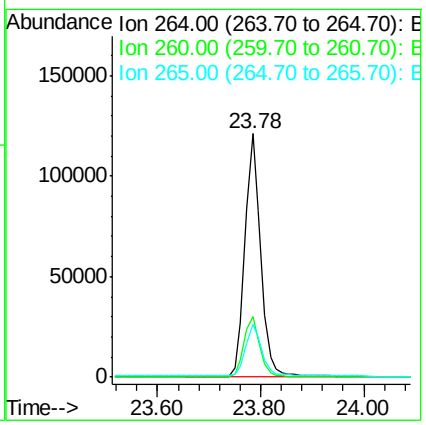


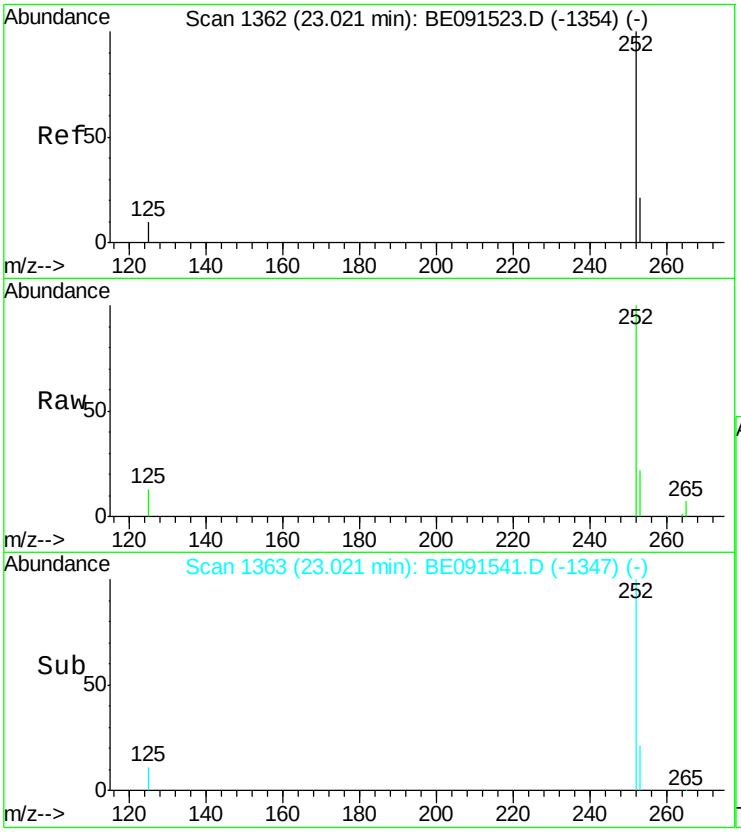


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.78 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Tgt Ion:264 Resp: 259341

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	21.9	18.3	27.5



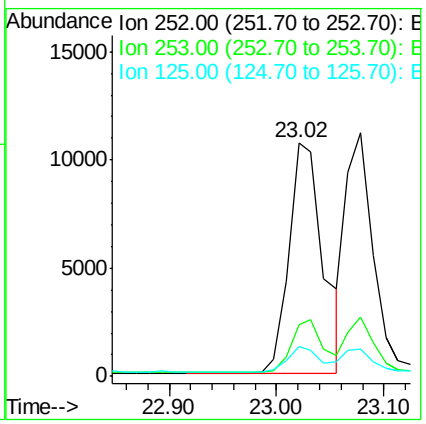


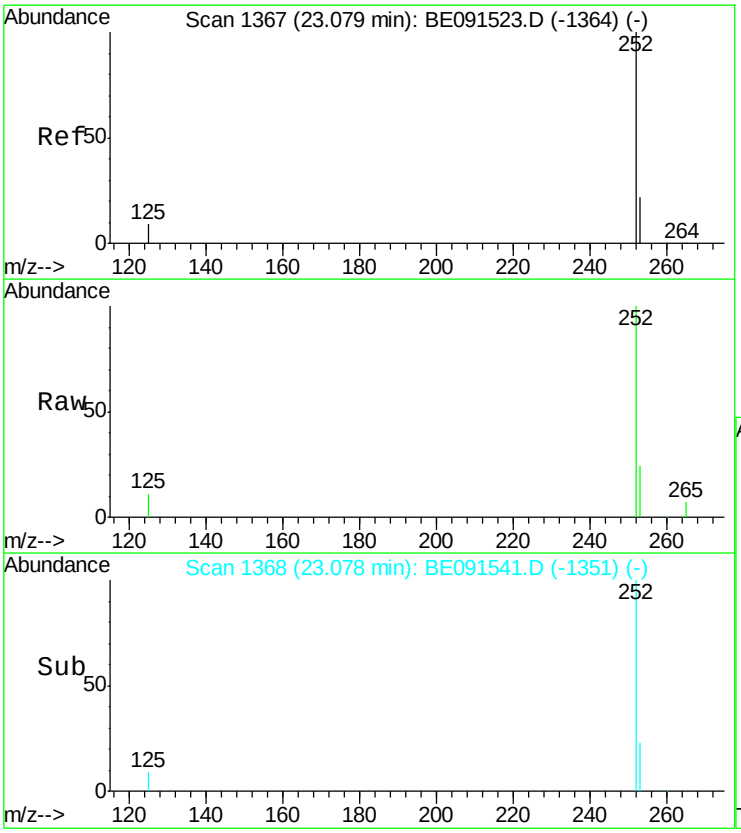
#29
Benzo(b)fluoranthene
Concen: 0.41 ng
RT: 23.02 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 23703

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.7	28.1
125	12.7	9.8	14.6

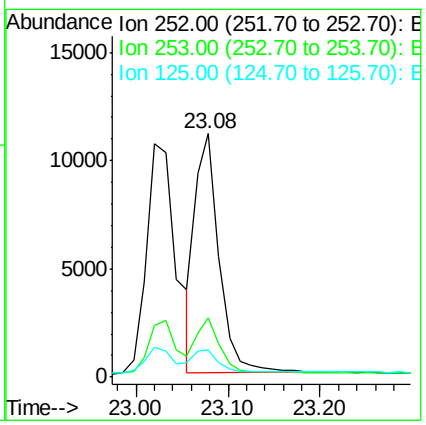


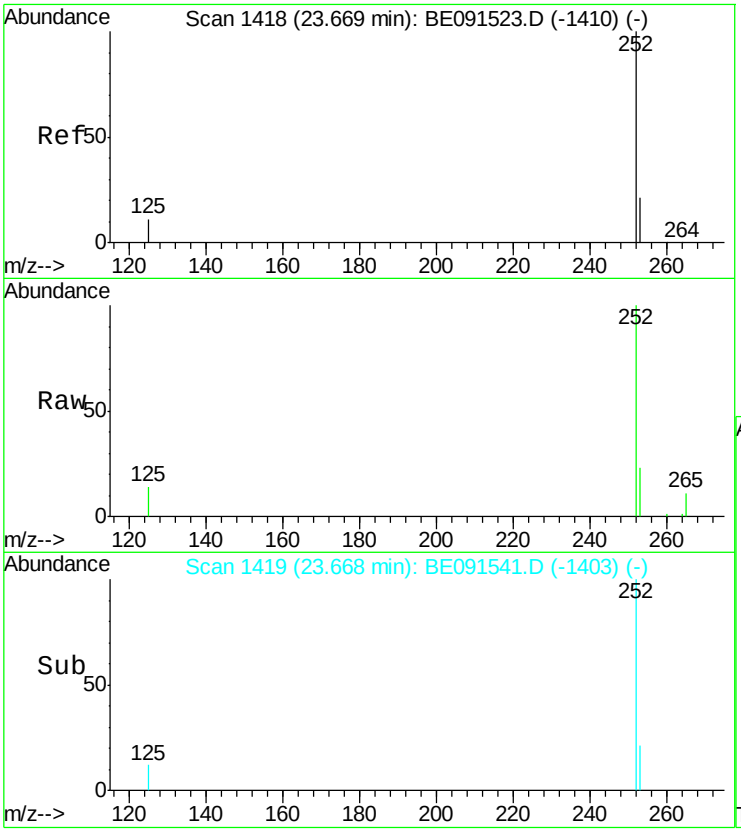


#30
Benzo(k)fluoranthene
Concen: 0.35 ng
RT: 23.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Tgt Ion:252 Resp: 20006

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.2	30.4
125	11.0	9.4	14.2



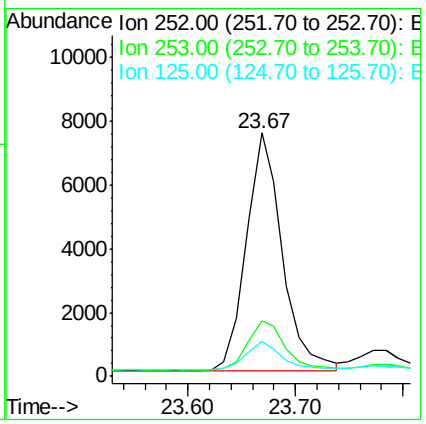


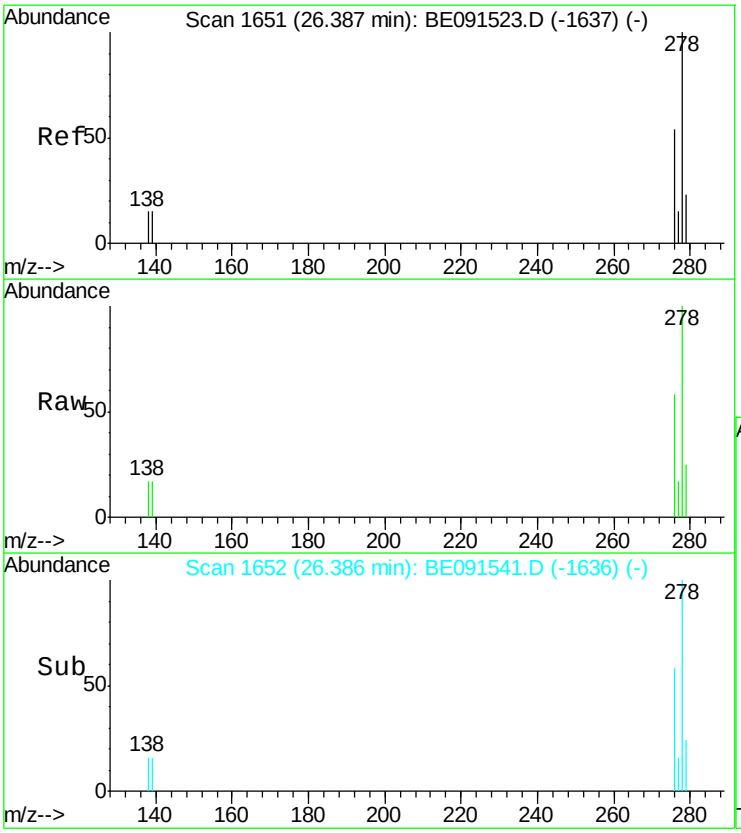
#31
Benzo(a)pyrene
Concen: 0.49 ng
RT: 23.67 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 17371

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.4	29.0
125	14.2	11.4	17.2

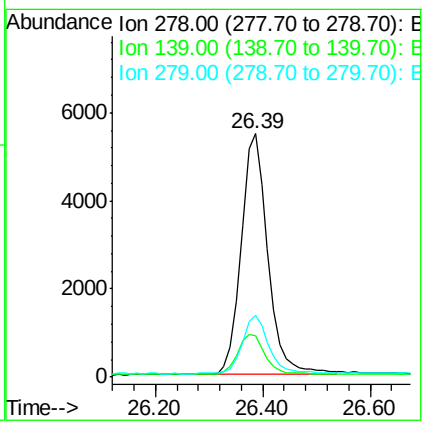


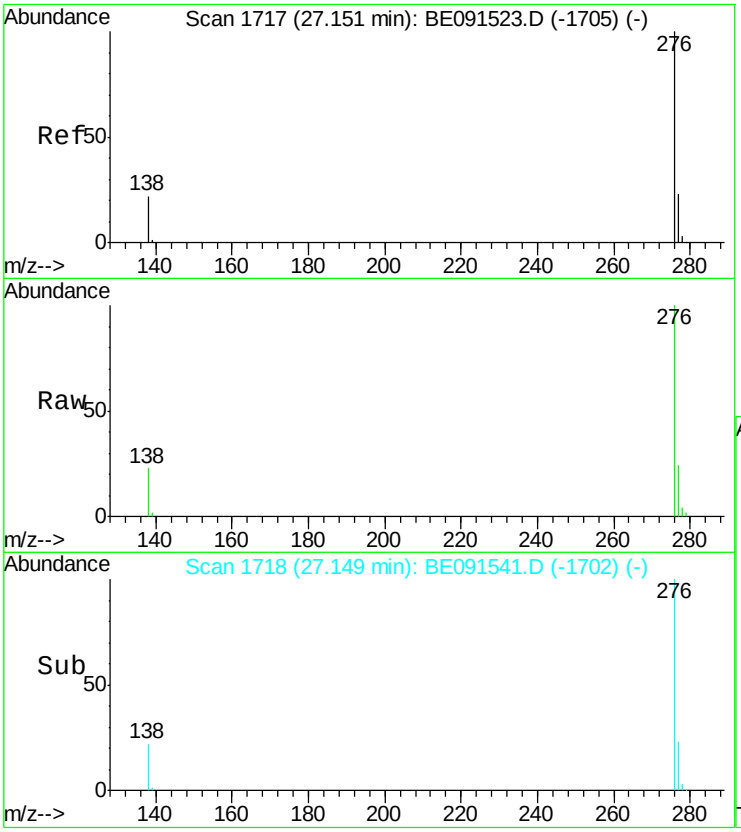


#32
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 26.39 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Tgt Ion:278 Resp: 18932

Ion	Ratio	Lower	Upper
278	100		
139	16.9	14.2	21.4
279	25.2	19.6	29.4





#33
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 27.15 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BE091541.D
Acq: 28 Mar 2016 15:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 19745

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.2
138	22.6	18.2	27.4