Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090116\
Data File : BE092325.D
Acq On : 1 Sep 2016 12:43
Operator : UM/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Sep 02 03:17:01 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 03:16:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	8340	5.00	ng		0.00
7) Naphthalene-d8	10.95	136	40399	5.00	ng		0.00
12) Acenaphthene-d10	14.83	164	24705	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	66076	5.00	ng		0.00
24) Chrysene-d12	21.75	240	85441	5.00	ng		0.00
31) Perylene-d12	24.12	264	87654	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.69	112	455	0.24	ng		0.00
5) Phenol-d6	7.36	99	658	0.26	ng		0.00
8) Nitrobenzene-d5	9.36	82	656	0.24	ng		0.00
13) 2,4,6-Tribromophenol	16.32	330	192	0.27	ng		0.00
14) 2-Fluorobiphenyl	13.46	172	1572	0.20	ng		0.01
26) Terphenyl-d14	20.19	244	2628	0.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	275	0.23	ng	#	92
3) n-Nitrosodimethylamine	3.79	42	250	0.20	ng		98
6) bis(2-Chloroethyl)ether	7.61	93	409	0.21	ng	#	5
9) Naphthalene	11.01	128	1852	0.21	ng		93
10) Hexachlorobutadiene	11.30	225	295	0.22	ng		98
11) 2-Methylnaphthalene	12.65	142	1161	0.21	ng		96
15) Acenaphthylene	14.54	152	8738	0.21	ng		99
16) Acenaphthene	14.88	154	1505	0.22	ng		92
17) Fluorene	15.87	166	1792	0.21	ng		99
19) Hexachlorobenzene	16.89	284	520	0.19	ng		94
20) Pentachlorophenol	17.26	266	142	0.21	ng		92
21) Phenanthrene	17.63	178	3135	0.20	ng	#	57
22) Anthracene	17.72	178	2874	0.20	ng		100
23) Fluoranthene	19.61	202	15768	0.22	ng		99
25) Pyrene	19.97	202	16650	0.21	ng		99
27) Benzo(a)anthracene	21.72	228	38246	0.42	ng		95
28) Chrysene	21.72	228	38533	0.48	ng	#	84
29) Bis(2-ethylhexyl)phthalate	21.66	149	2245	0.37	ng	#	100
30) Indeno(1,2,3-cd)pyrene	26.63	276	20834	0.25	ng		99
32) Benzo(b)fluoranthene	23.39	252	4979	0.24	ng		92
33) Benzo(k)fluoranthene	23.44	252	4501	0.19	ng	#	94
34) Benzo(a)pyrene	24.01	252	4564	0.22	ng	#	92
35) Dibenzo(a,h)anthracene	26.65	278	4259	0.23	ng	#	94
36) Benzo(g,h,i)perylene	27.40	276	17873	0.22	ng		96

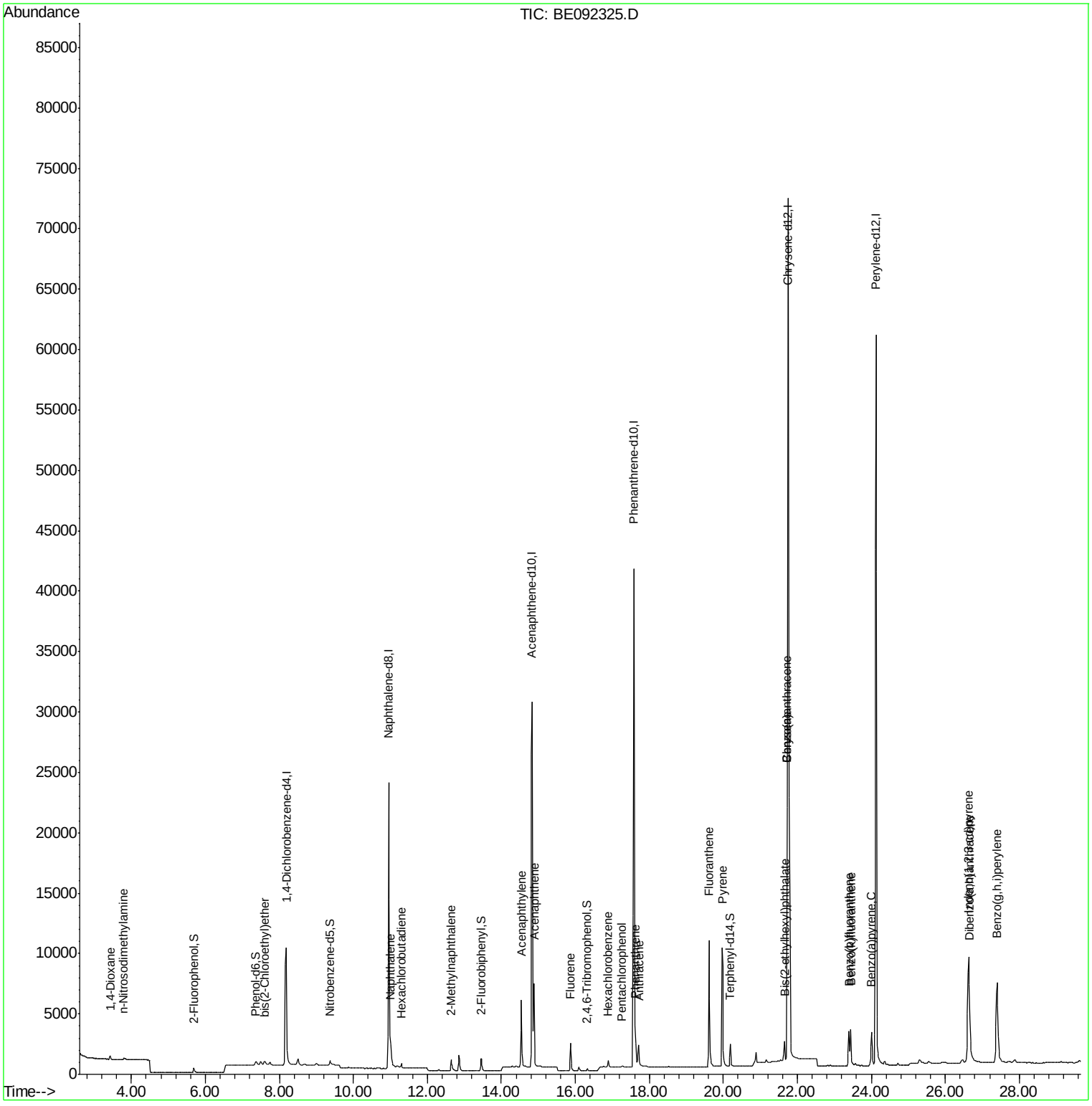
(#) = qualifier out of range (m) = manual integration (+) = signals summed

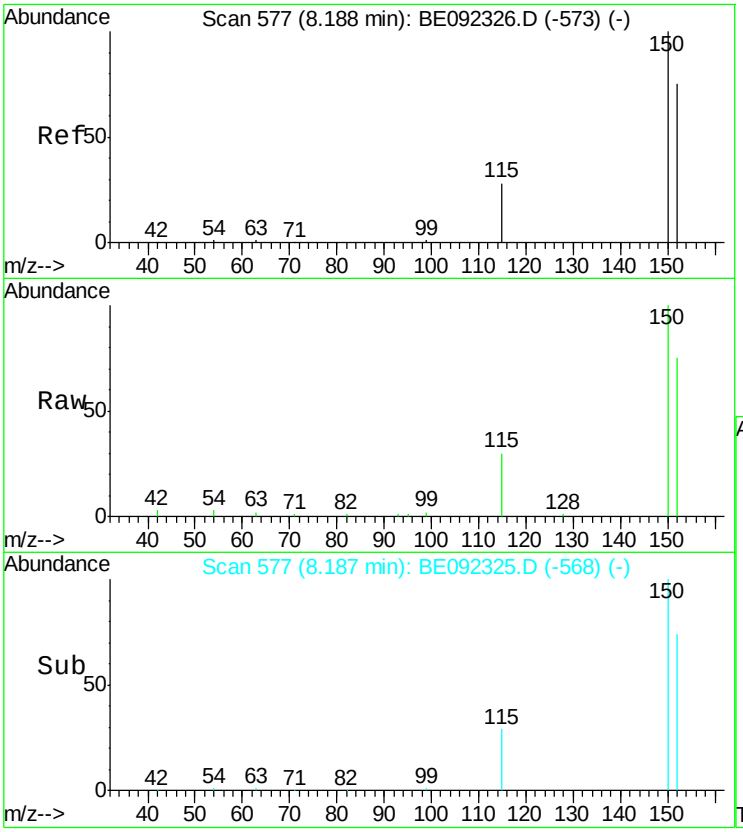
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090116\
Data File : BE092325.D
Acq On : 1 Sep 2016 12:43
Operator : UM/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Sep 02 03:17:01 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 03:16:21 2016
Response via : Initial Calibration



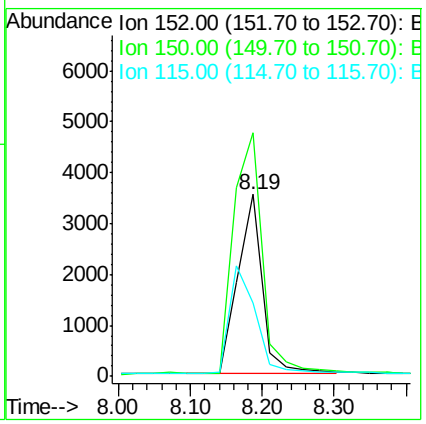


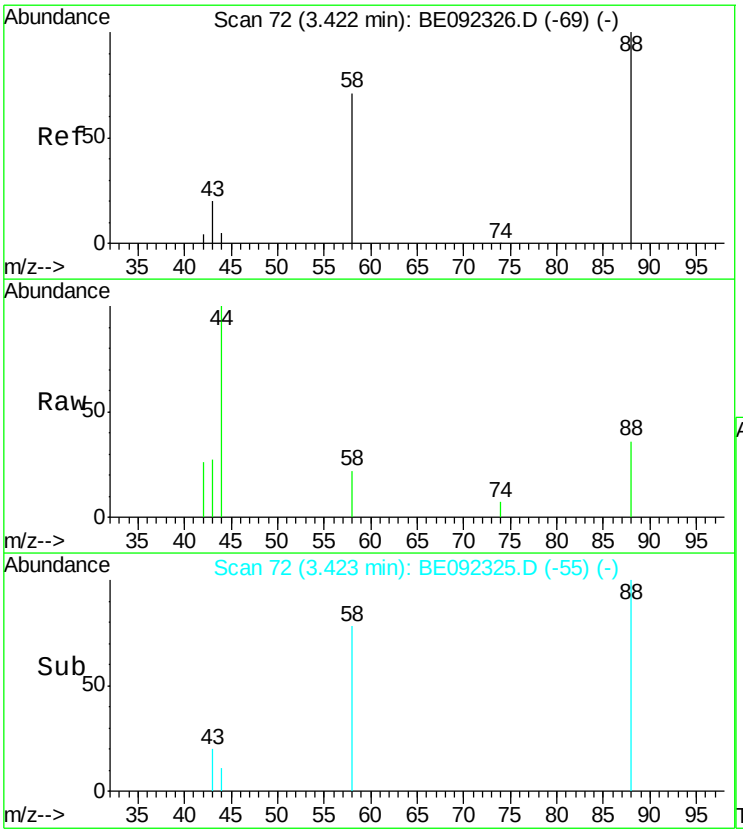
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.19 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 8340

Ion	Ratio	Lower	Upper
152	100		
150	133.9	106.0	159.0
115	40.0	31.2	46.8

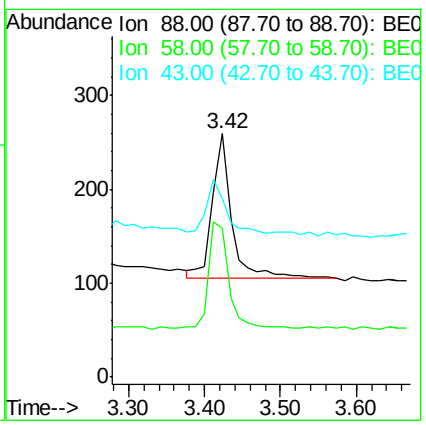


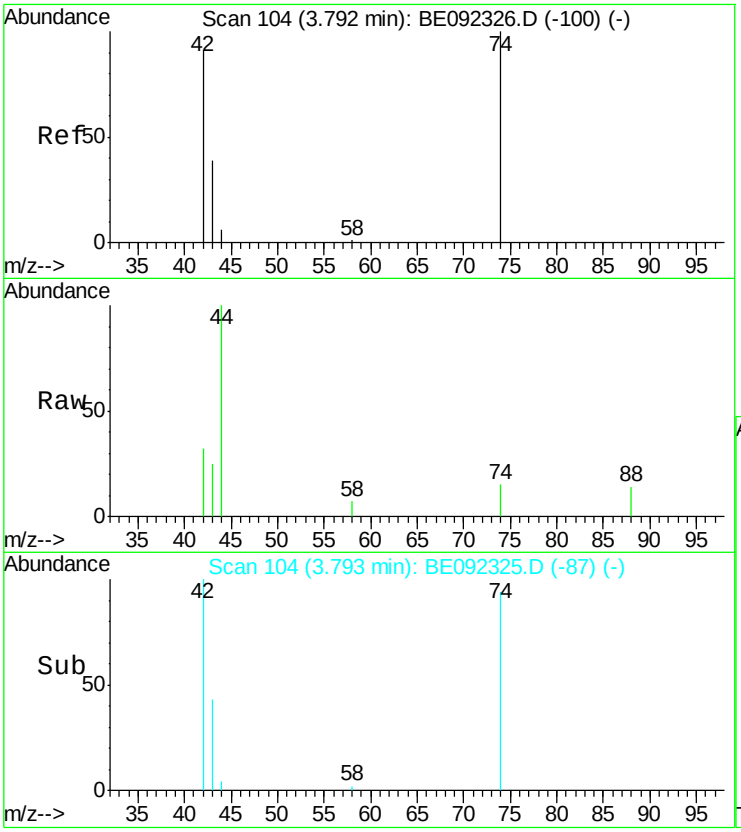


#2
1,4-Dioxane
Concen: 0.23 ng
RT: 3.42 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Tgt Ion: 88 Resp: 275

Ion	Ratio	Lower	Upper
88	100		
58	77.8	63.6	95.4
43	47.3	28.0	42.0#



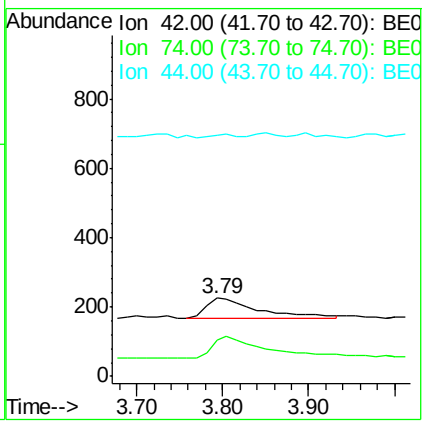


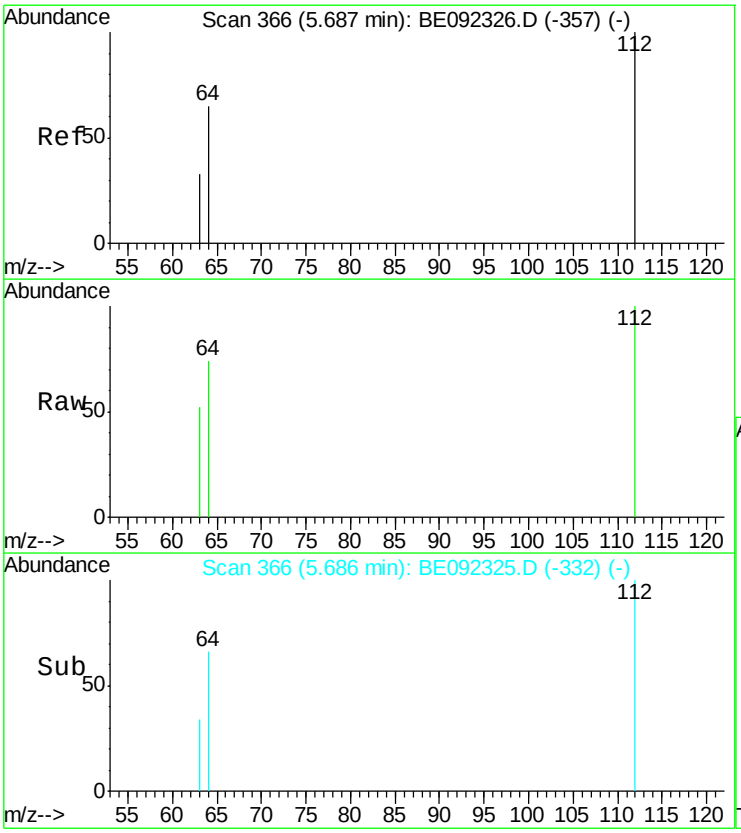
#3
n-Nitrosodimethylamine
Concen: 0.20 ng
RT: 3.79 min Scan# 104
Delta R.T. 0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 250

Ion	Ratio	Lower	Upper
42	100		
74	110.0	86.0	129.0
44	6.0	5.1	7.7

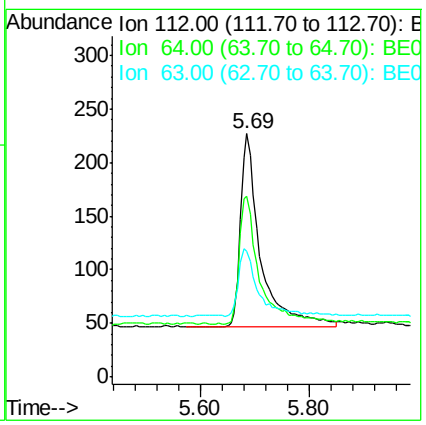


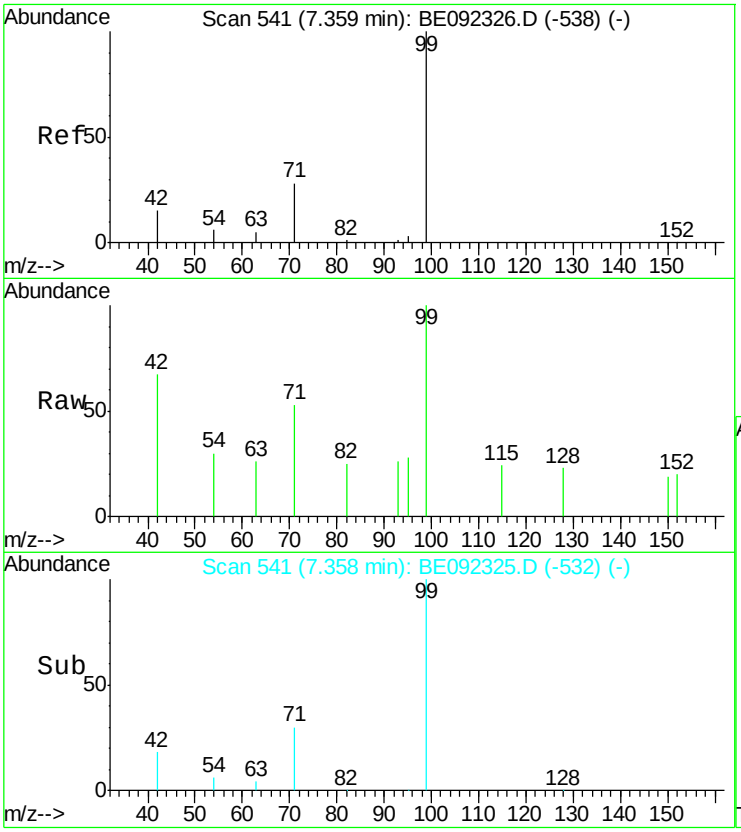


#4
2-Fluorophenol
Concen: 0.24 ng
RT: 5.69 min Scan# 366
Delta R.T. -0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Tgt Ion:112 Resp: 455

Ion	Ratio	Lower	Upper
112	100		
64	69.2	53.5	80.3
63	35.6	27.9	41.9



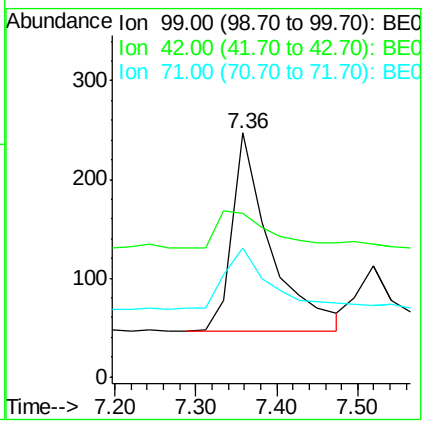


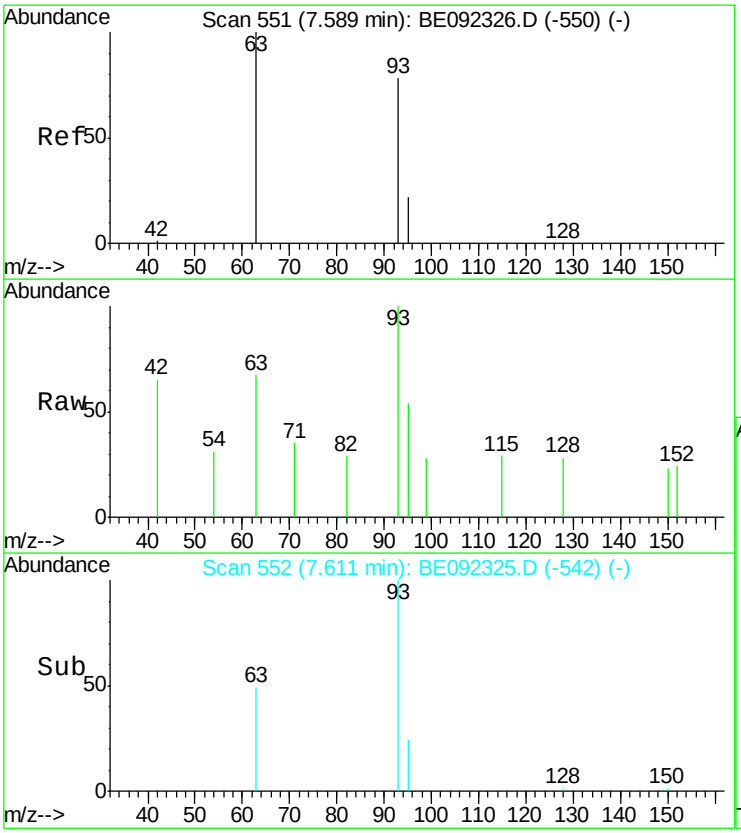
#5
Phenol-d6
Concen: 0.26 ng
RT: 7.36 min Scan# 541
Delta R.T. -0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 658

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	37.4	30.6	45.8

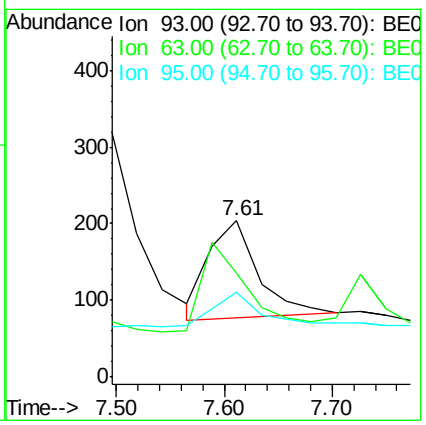


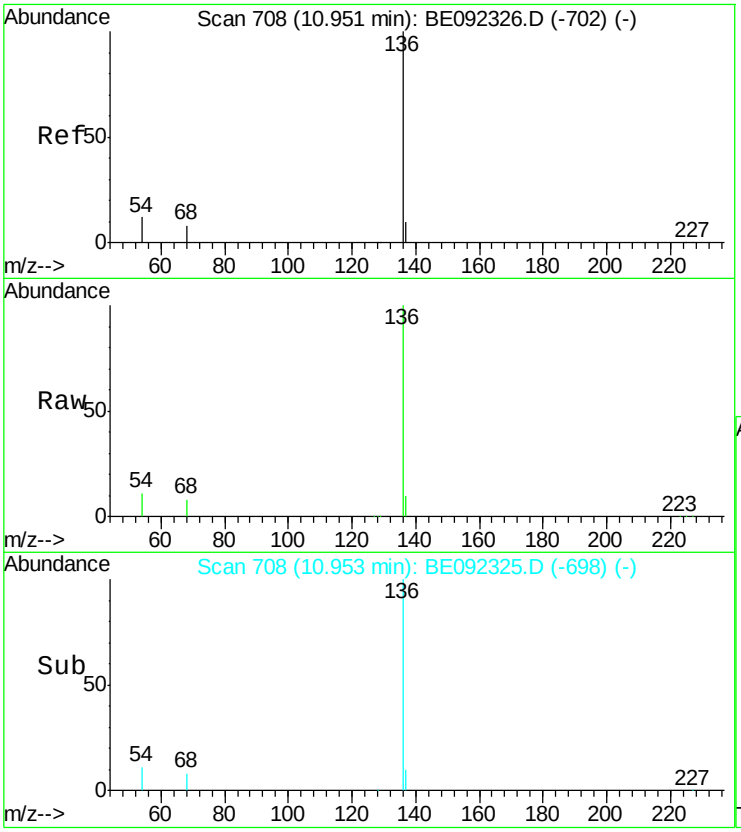


#6
bis(2-Chloroethyl)ether
Concen: 0.21 ng
RT: 7.61 min Scan# 552
Delta R.T. 0.02 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Tgt Ion: 93 Resp: 409

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	34.2	0.0	0.0#



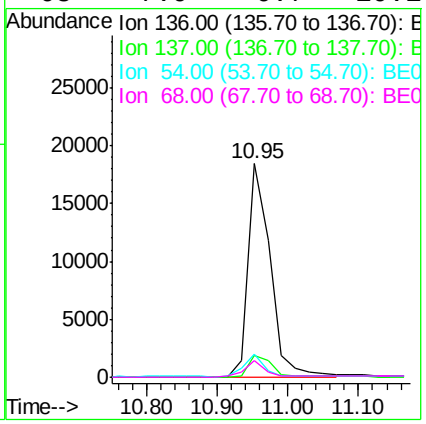


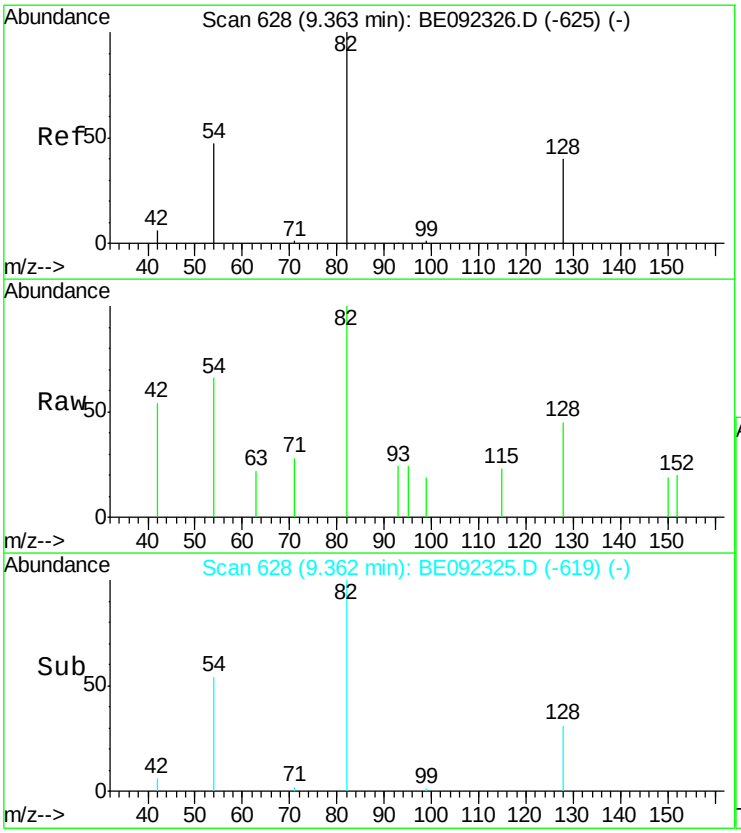
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 40399

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	11.1	9.6	14.4
68	7.9	6.7	10.1

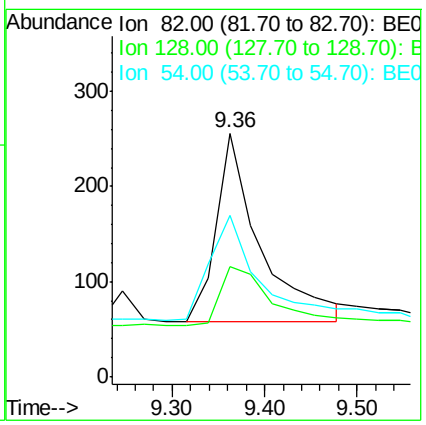


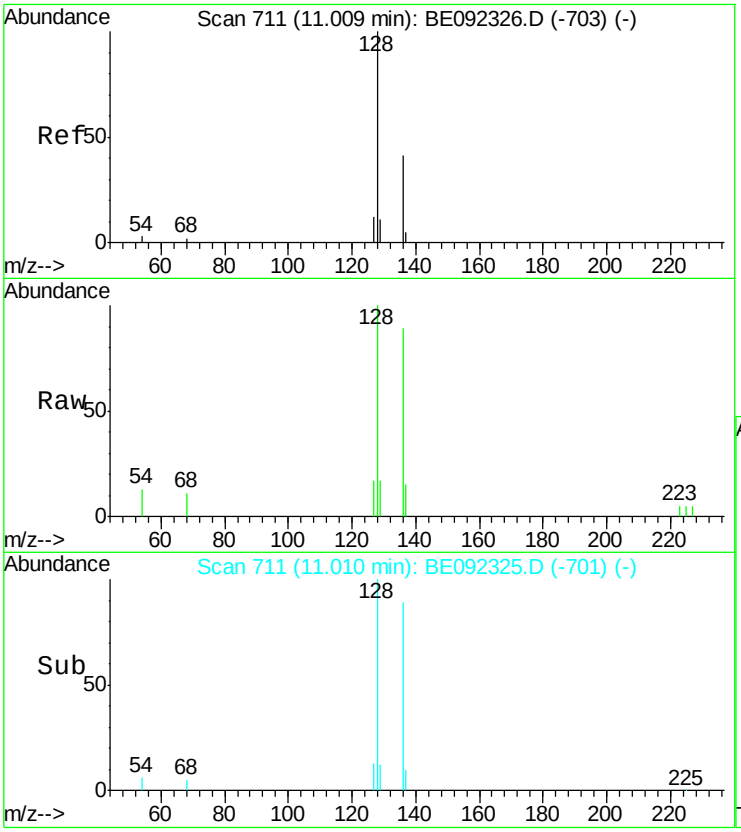


#8
Nitrobenzene-d5
Concen: 0.24 ng
RT: 9.36 min Scan# 628
Delta R.T. -0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Tgt Ion: 82 Resp: 656

Ion	Ratio	Lower	Upper
82	100		
128	45.3	39.0	58.4
54	66.0	44.8	67.2



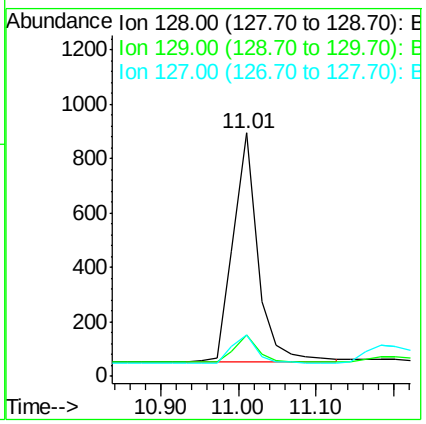


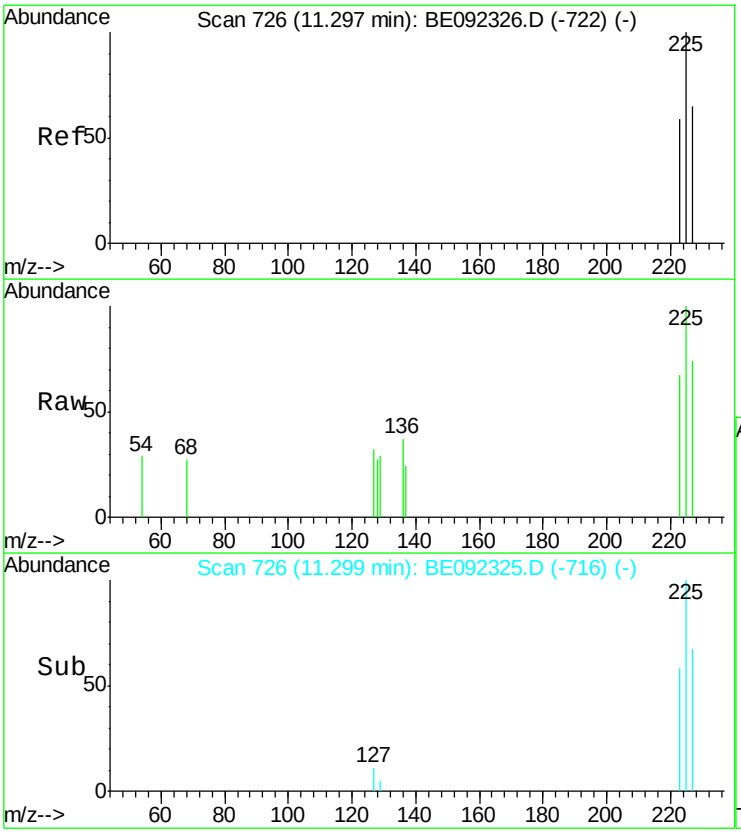
#9
Naphthalene
Concen: 0.21 ng
RT: 11.01 min Scan# 711
Delta R.T. 0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 1852

Ion	Ratio	Lower	Upper
128	100		
129	16.8	11.2	16.8
127	17.1	11.6	17.4

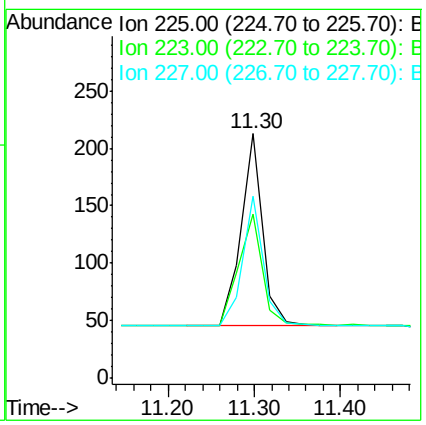


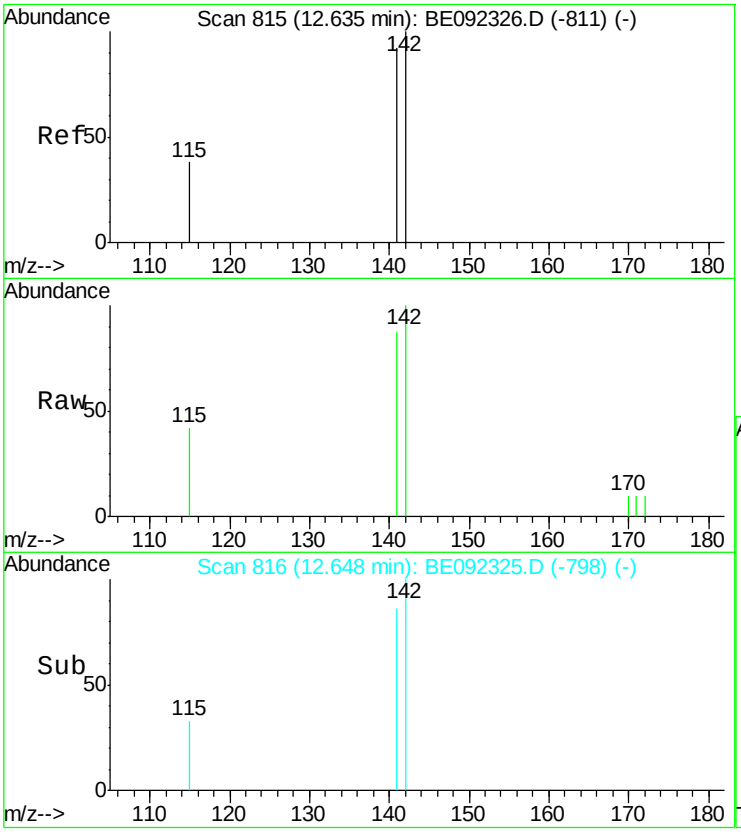


#10
Hexachlorobutadiene
Concen: 0.22 ng
RT: 11.30 min Scan# 726
Delta R.T. 0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Tgt Ion:225 Resp: 295

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	65.8	51.4	77.0



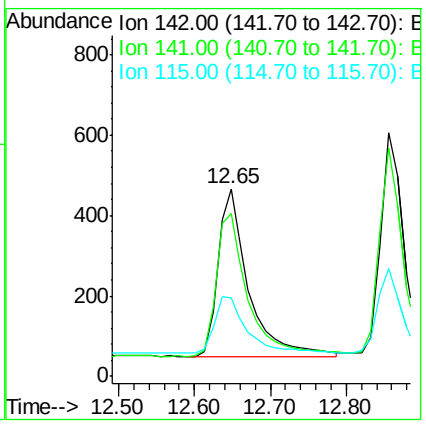


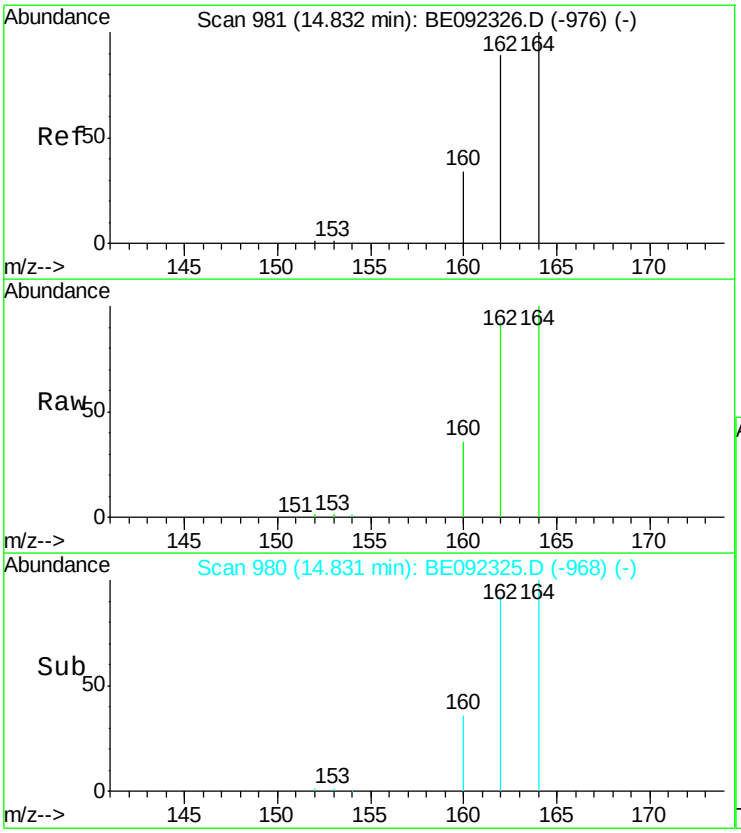
#11
2-Methylnaphthalene
Concen: 0.21 ng
RT: 12.65 min Scan# 816
Delta R.T. 0.01 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:142 Resp: 1161

Ion	Ratio	Lower	Upper
142	100		
141	86.7	73.7	110.5
115	41.8	34.0	51.0

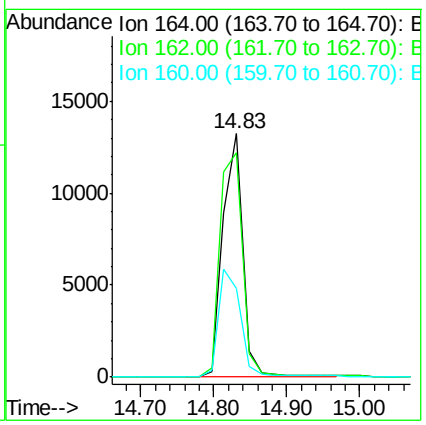


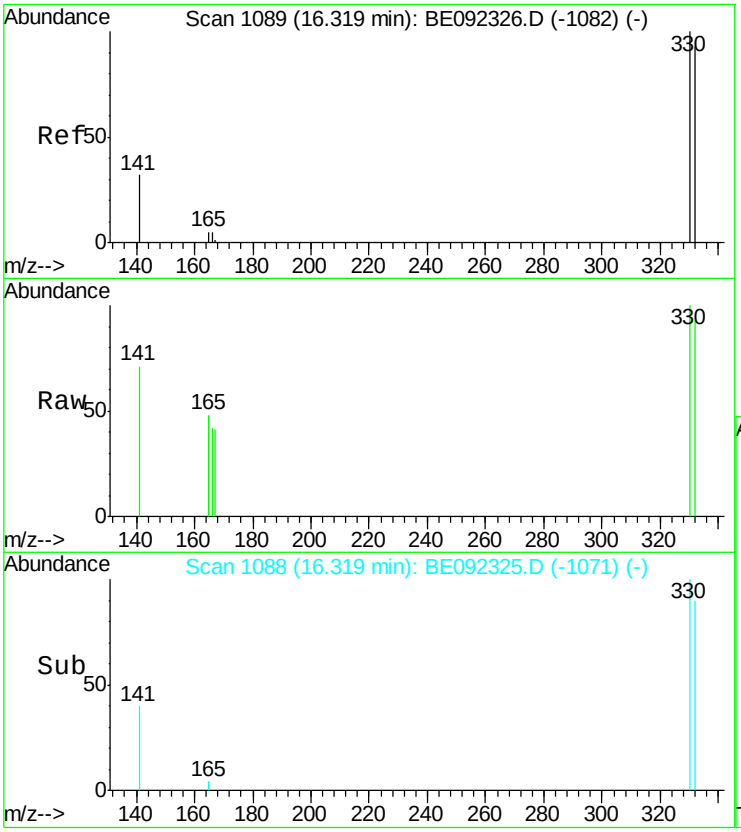


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Tgt Ion:164 Resp: 24705

Ion	Ratio	Lower	Upper
164	100		
162	92.1	71.4	107.0
160	36.5	27.4	41.2



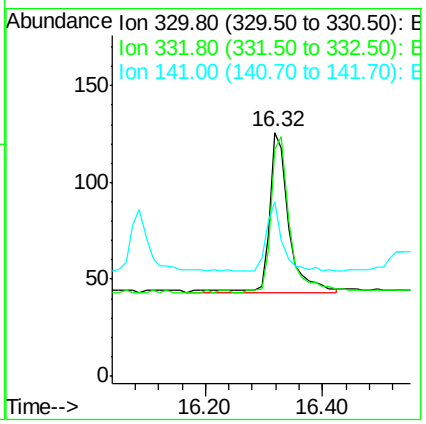


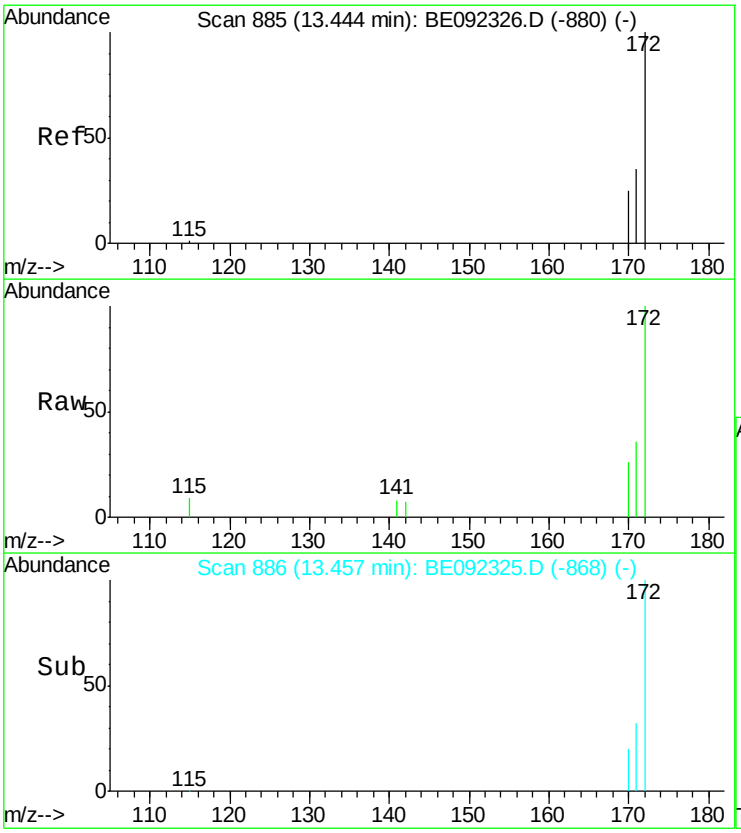
#13
2,4,6-Tribromophenol
Concen: 0.27 ng
RT: 16.32 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:330 Resp: 192

Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.4	113.0
141	35.9	31.0	46.6

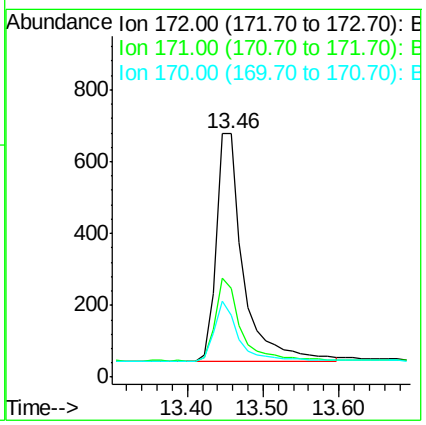


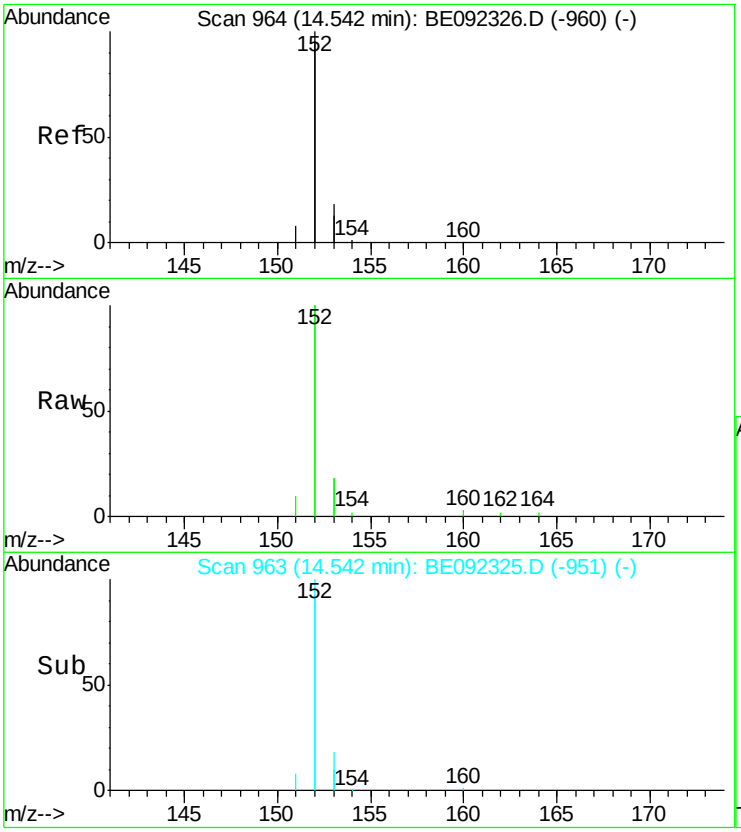


#14
2-Fluorobiphenyl
Concen: 0.20 ng
RT: 13.46 min Scan# 886
Delta R.T. 0.01 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Tgt Ion:172 Resp: 1572

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.1	45.1
170	25.5	21.8	32.6



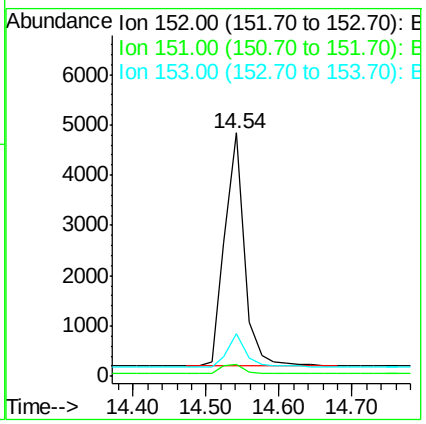


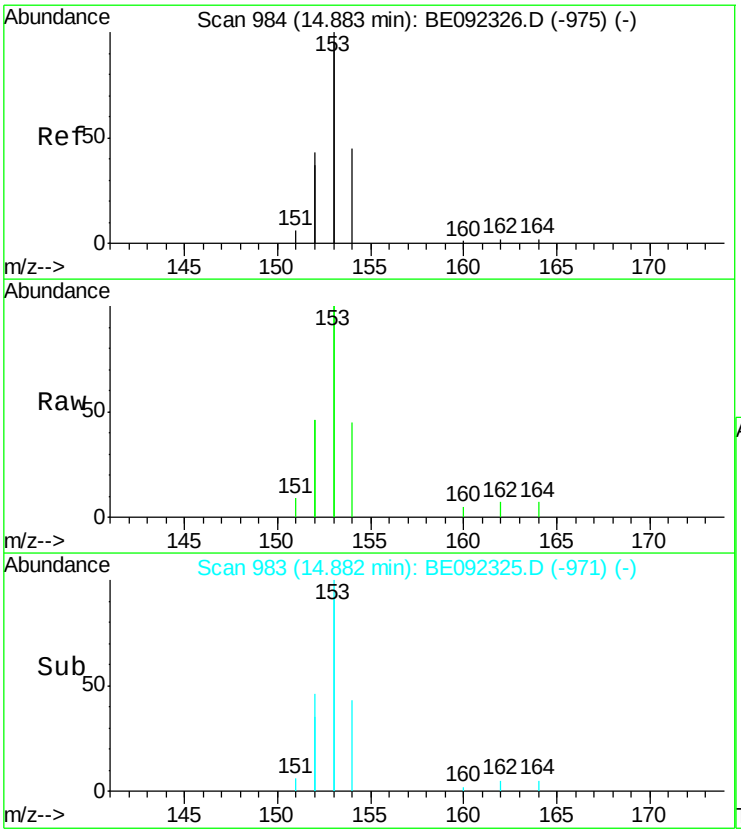
#15
Acenaphthylene
Concen: 0.21 ng
RT: 14.54 min Scan# 963
Delta R.T. -0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 8738

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	13.4	10.4	15.6

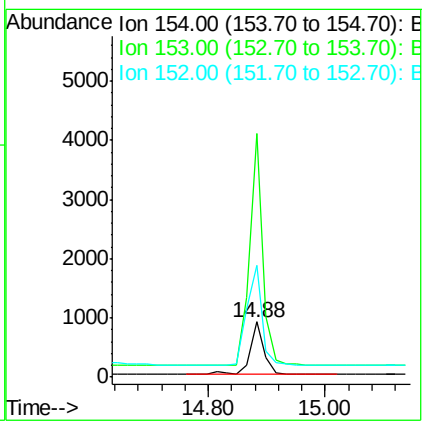


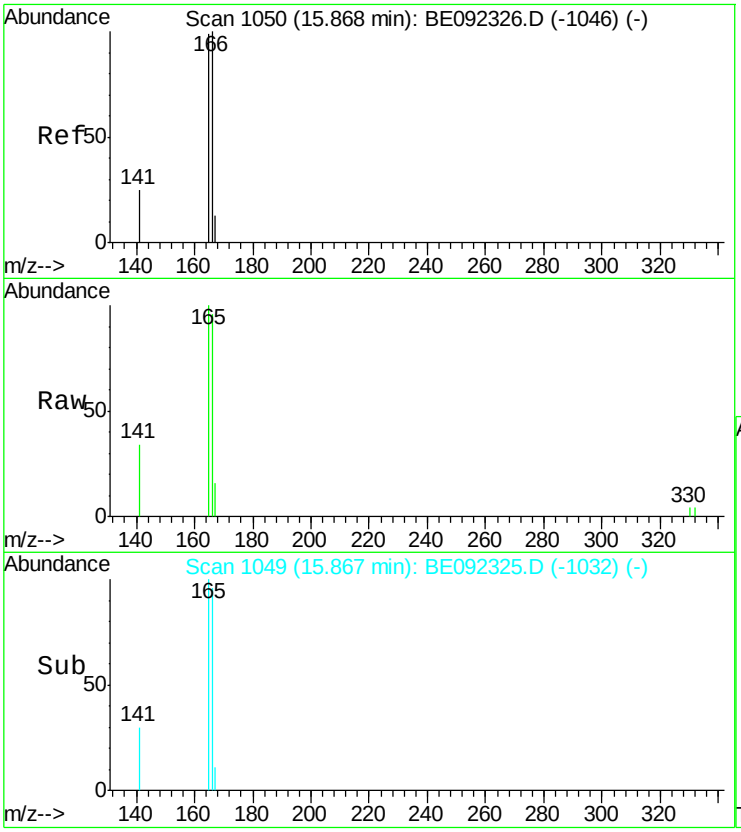


#16
Acenaphthene
Concen: 0.22 ng
RT: 14.88 min Scan# 983
Delta R.T. -0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Tgt Ion:154 Resp: 1505

Ion	Ratio	Lower	Upper
154	100		
153	416.3	350.8	526.2
152	204.3	171.1	256.7



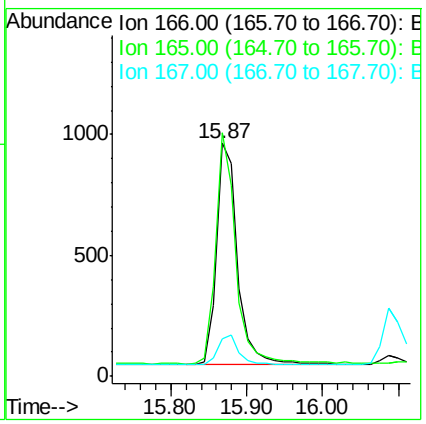


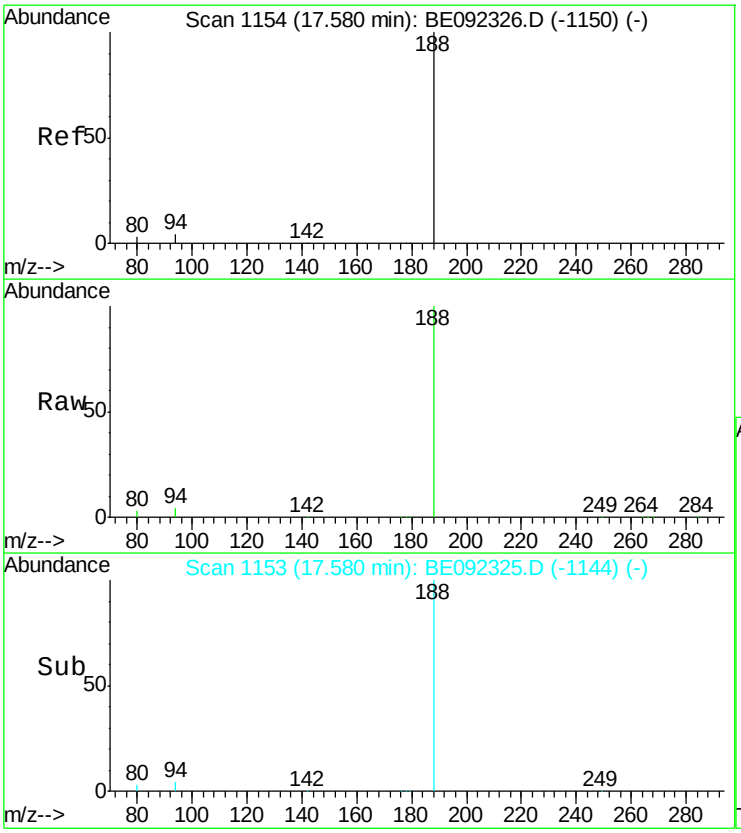
#17
Fluorene
Concen: 0.21 ng
RT: 15.87 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:166 Resp: 1792

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.2	117.4
167	13.6	11.0	16.4

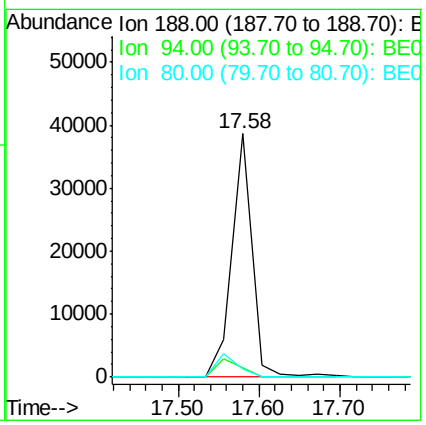


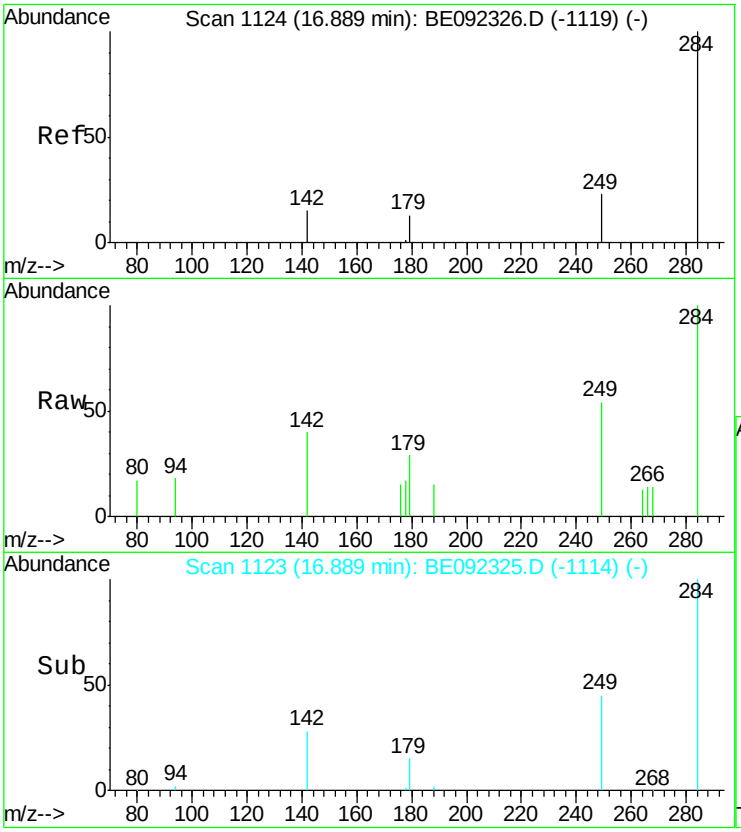


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Tgt Ion:188 Resp: 66076

Ion	Ratio	Lower	Upper
188	100		
94	3.8	3.2	4.8
80	3.1	2.6	3.8



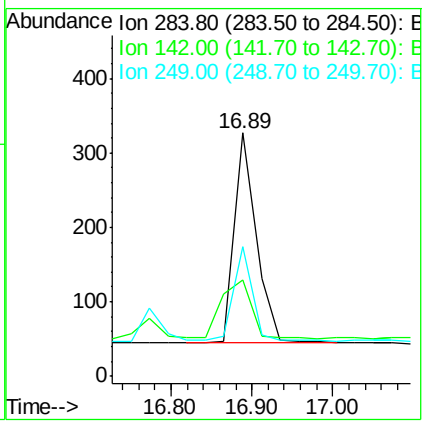


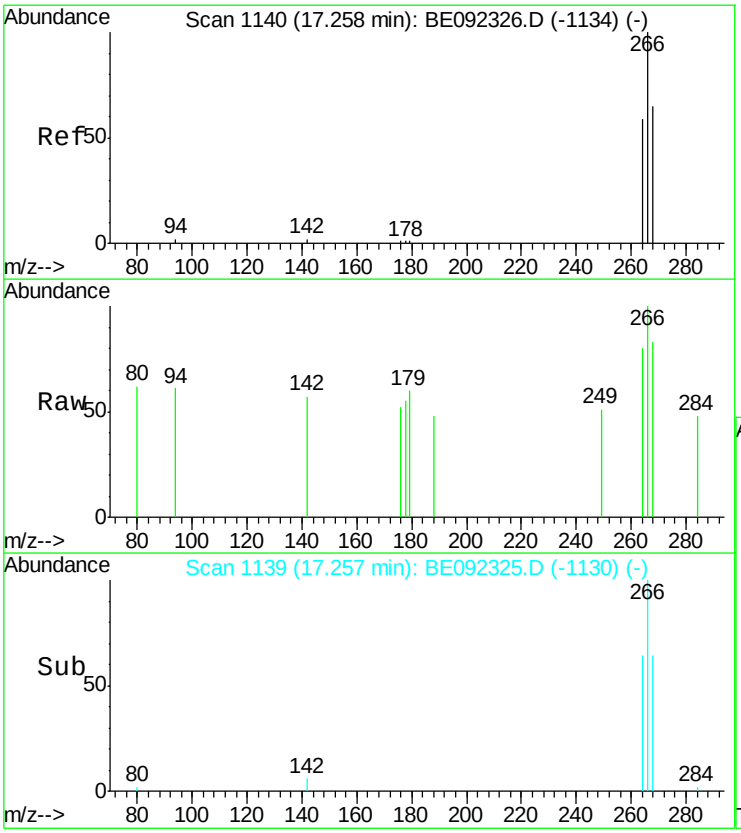
#19
Hexachlorobenzene
Concen: 0.19 ng
RT: 16.89 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 520

Ion	Ratio	Lower	Upper
284	100		
142	39.0	29.1	43.7
249	38.8	27.9	41.9

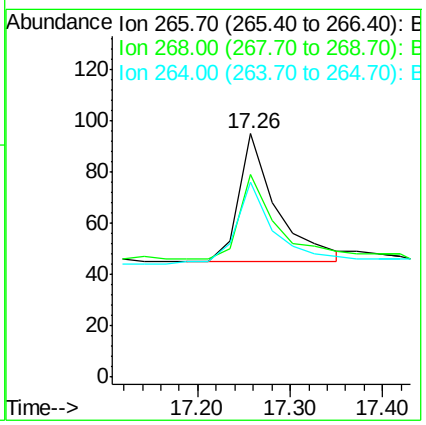


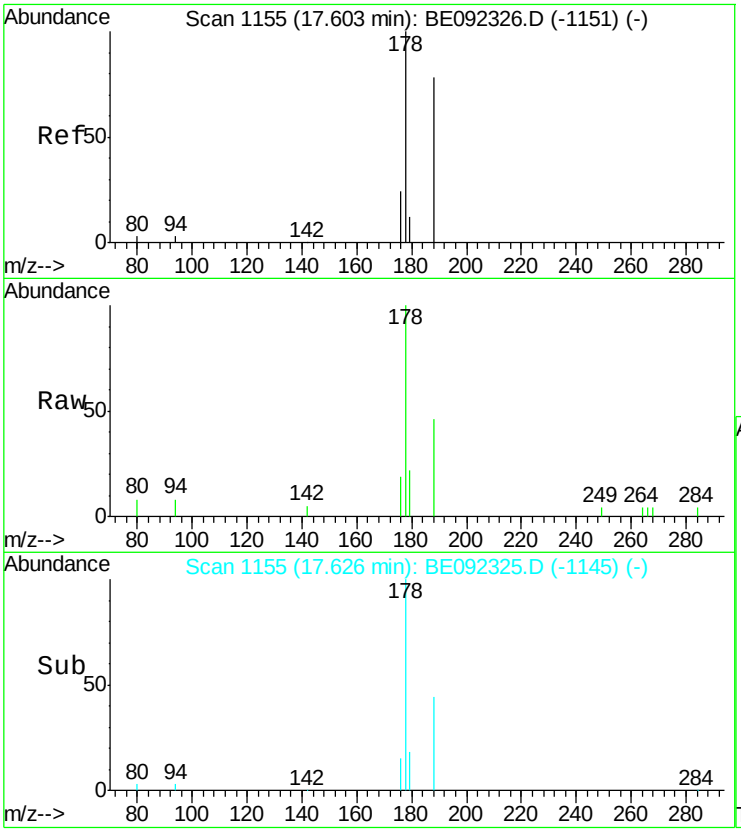


#20
Pentachlorophenol
Concen: 0.21 ng
RT: 17.26 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Tgt Ion:266 Resp: 142

Ion	Ratio	Lower	Upper
266	100		
268	83.2	62.5	93.7
264	80.0	57.2	85.8



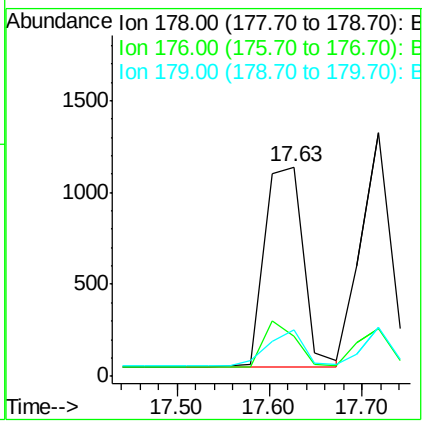


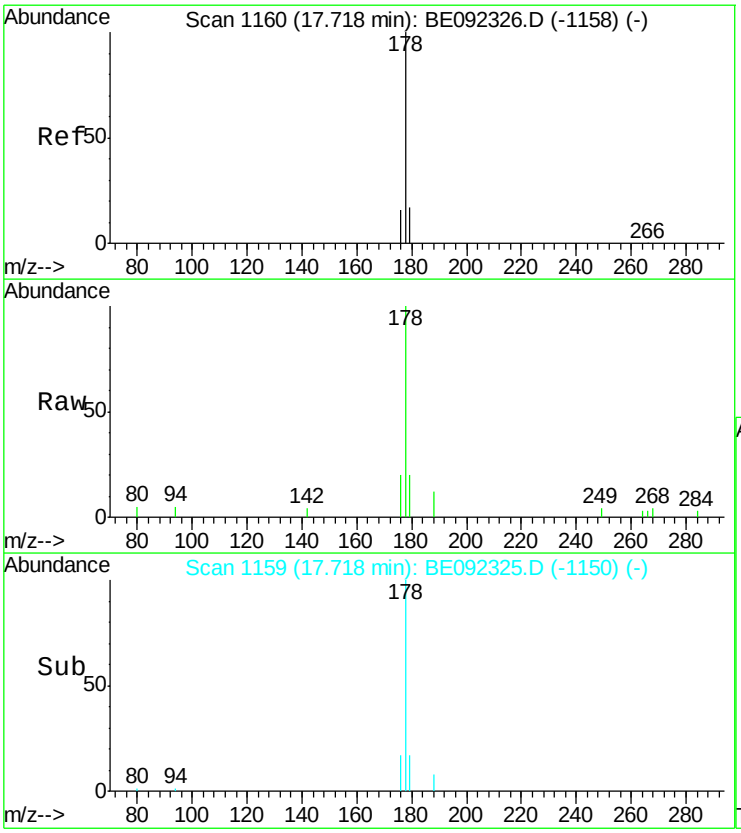
#21
Phenanthrene
Concen: 0.20 ng
RT: 17.63 min Scan# 1155
Delta R.T. 0.02 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 3135

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.8#
179	17.3	0.0	0.0#

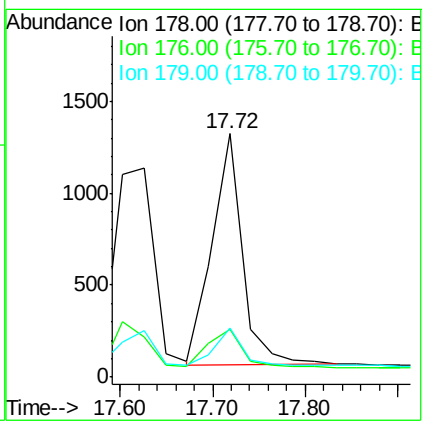


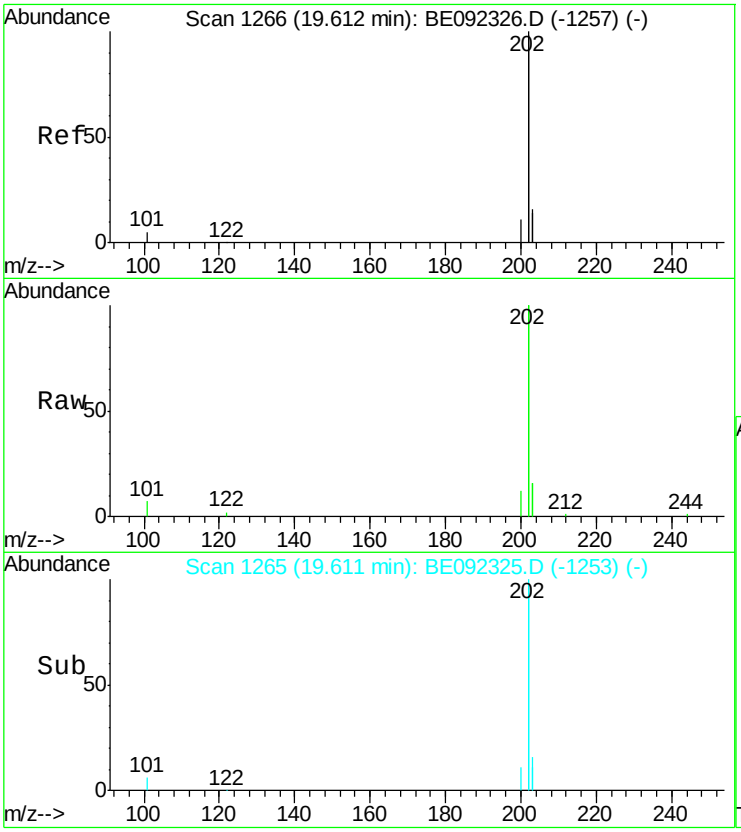


#22
Anthracene
Concen: 0.20 ng
RT: 17.72 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Tgt Ion:178 Resp: 2874

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.0	12.2	18.2



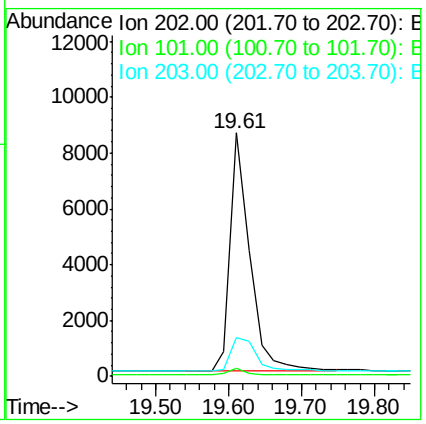


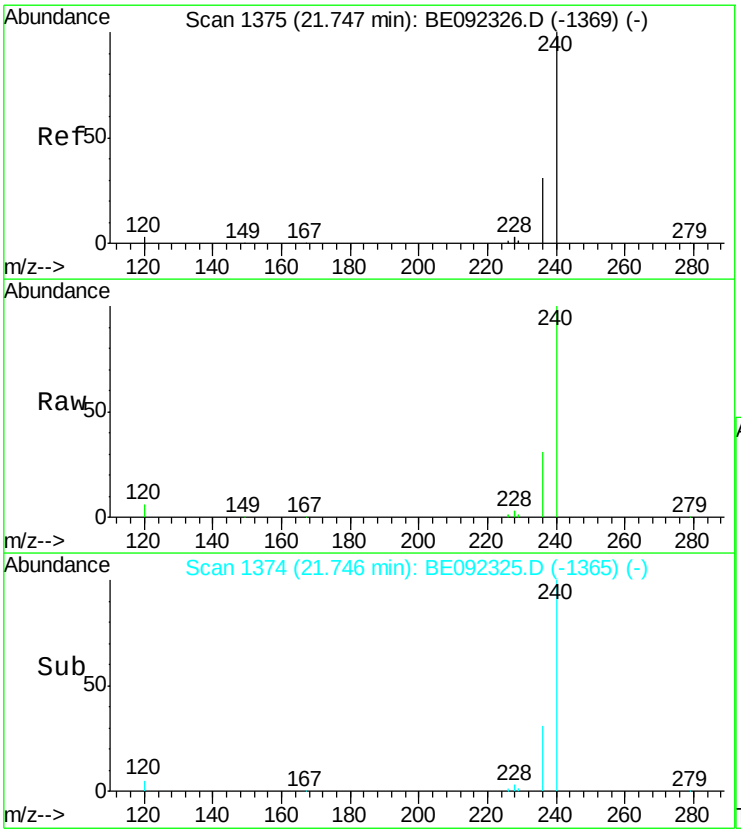
#23
Fluoranthene
Concen: 0.22 ng
RT: 19.61 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 15768

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.6	13.7	20.5

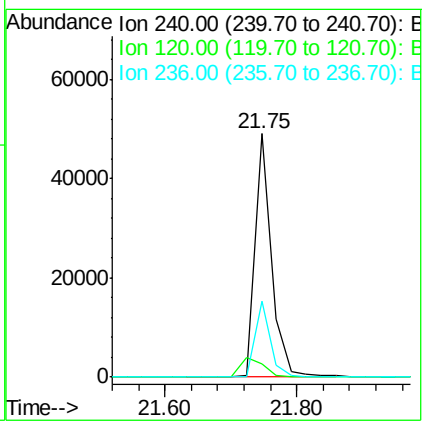


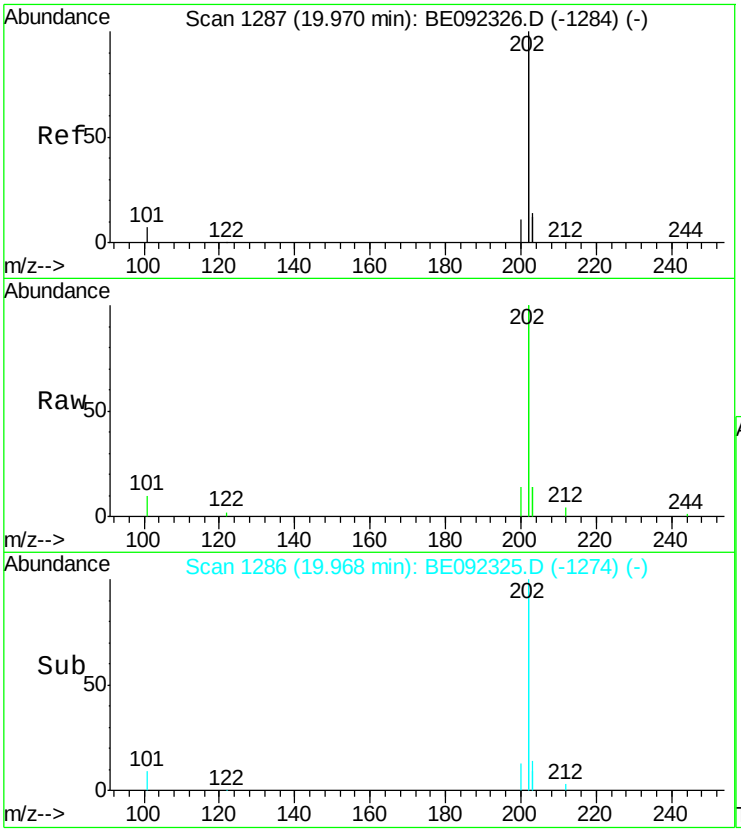


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Tgt Ion:240 Resp: 85441

Ion	Ratio	Lower	Upper
240	100		
120	5.5	2.6	4.0#
236	31.0	24.6	37.0



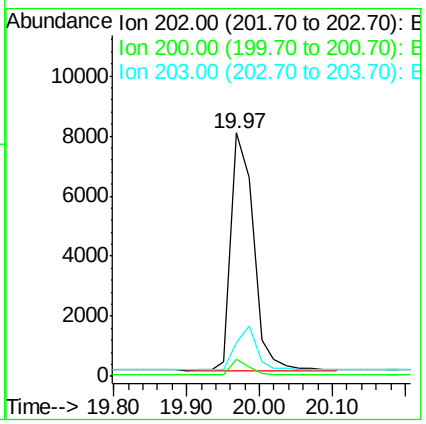


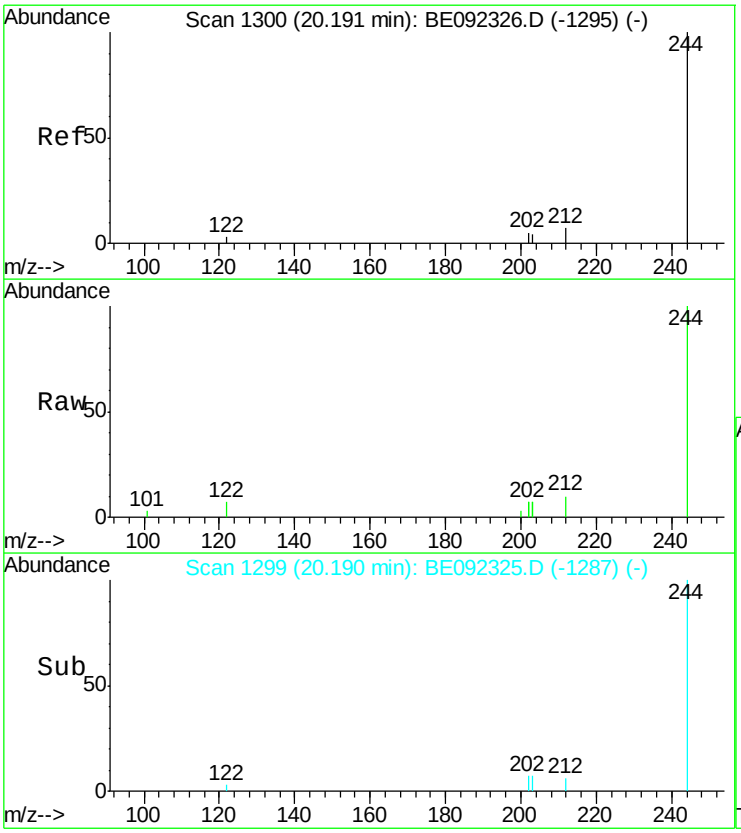
#25
Pyrene
Concen: 0.21 ng
RT: 19.97 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 16650

Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.2	6.4
203	17.7	13.9	20.9

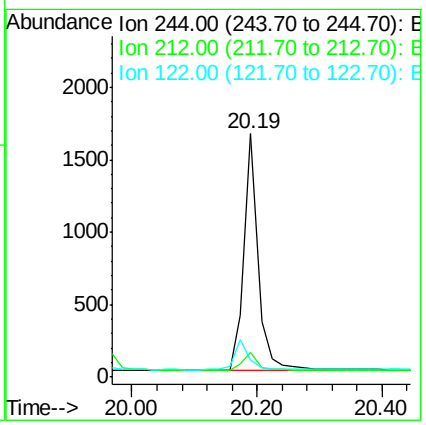


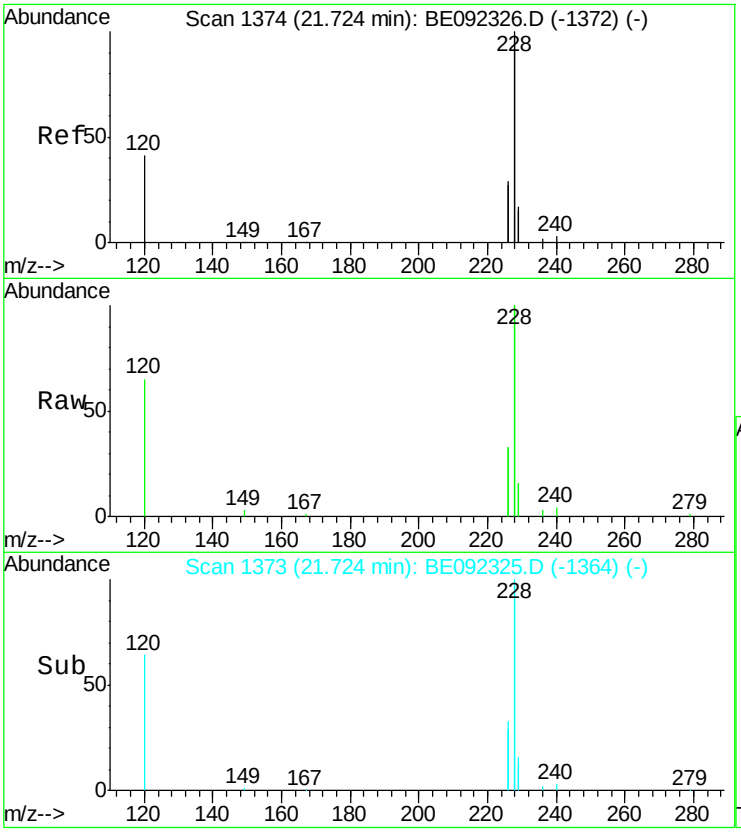


#26
Terphenyl-d14
Concen: 0.23 ng
RT: 20.19 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Tgt Ion:244 Resp: 2628

Ion	Ratio	Lower	Upper
244	100		
212	10.1	6.7	10.1
122	6.8	3.6	5.4#



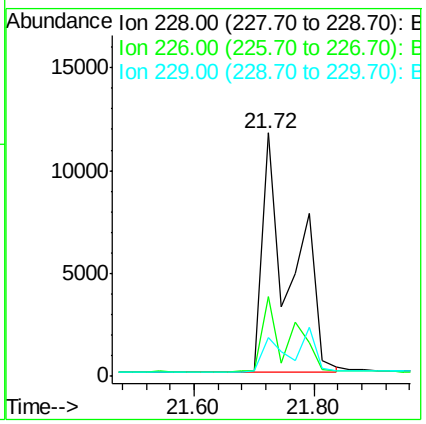


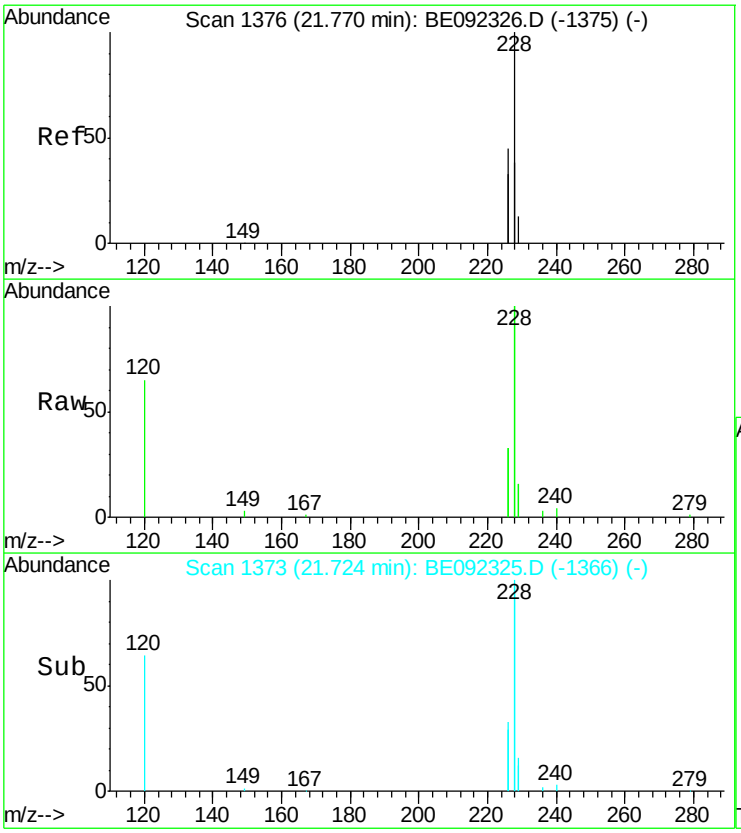
#27
Benzo(a)anthracene
Concen: 0.42 ng
RT: 21.72 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 38246

Ion	Ratio	Lower	Upper
228	100		
226	32.8	23.6	35.4
229	15.7	13.3	19.9

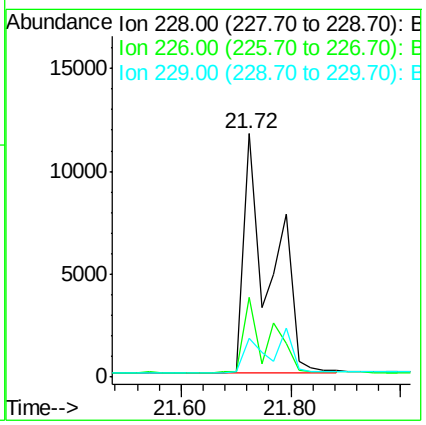


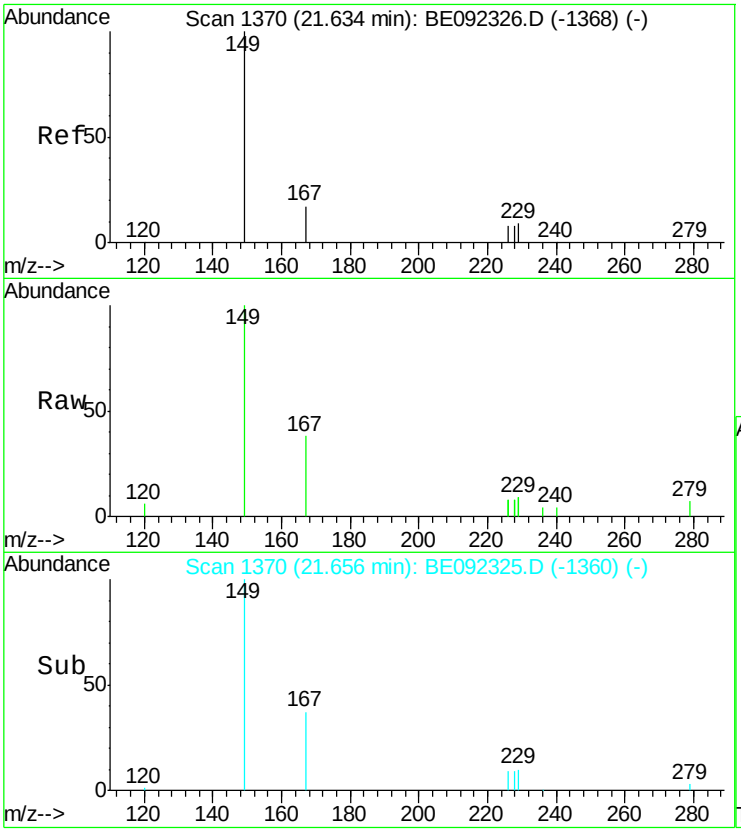


#28
Chrysene
Concen: 0.48 ng
RT: 21.72 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Tgt Ion:228 Resp: 38533

Ion	Ratio	Lower	Upper
228	100		
226	32.8	36.3	54.5#
229	15.7	10.6	16.0



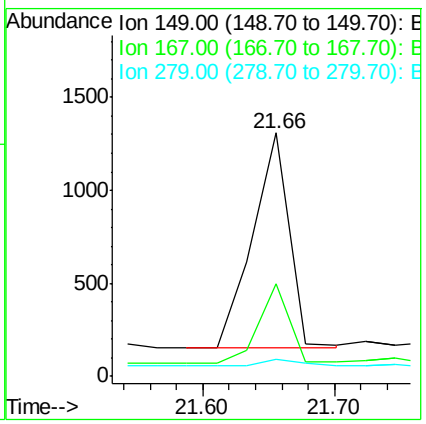


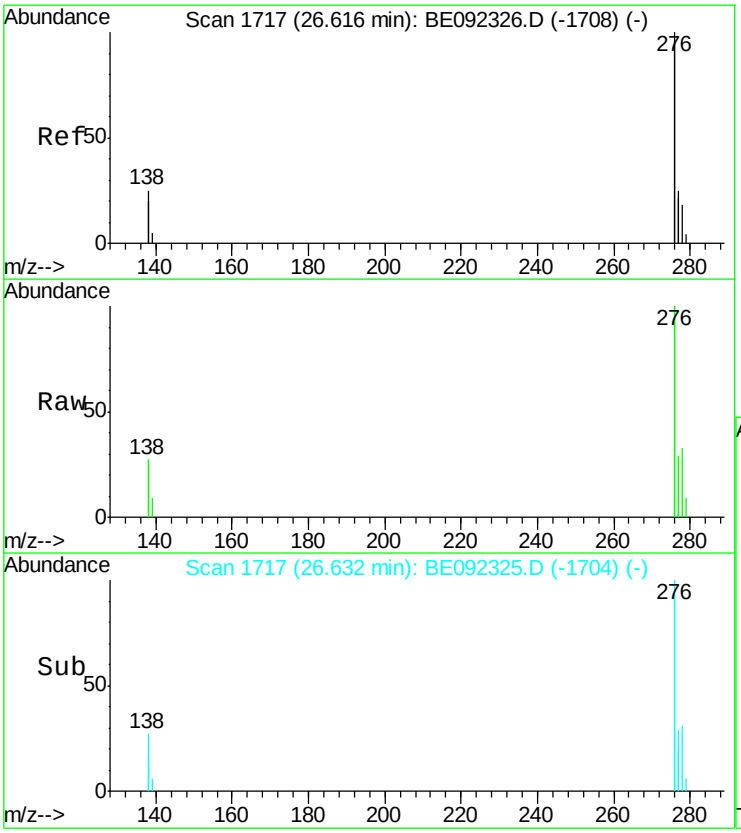
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.37 ng
RT: 21.66 min Scan# 1370
Delta R.T. 0.02 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:149 Resp: 2245

Ion	Ratio	Lower	Upper
149	100		
167	31.8	0.0	0.0#
279	3.6	0.0	0.0#

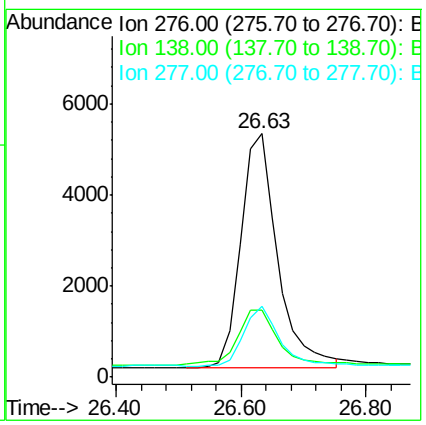


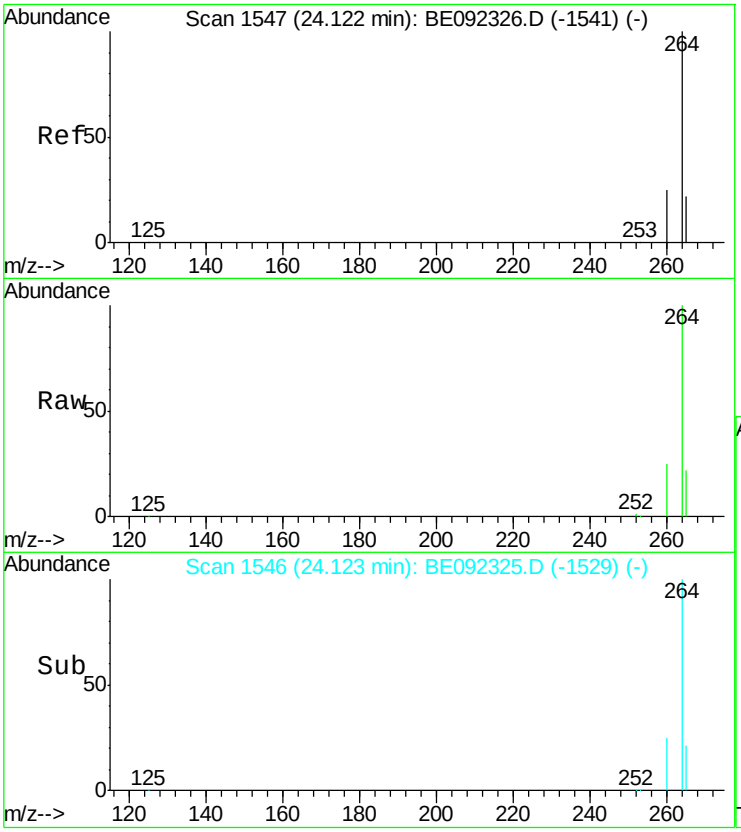


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.25 ng
RT: 26.63 min Scan# 1717
Delta R.T. 0.02 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Tgt Ion:276 Resp: 20834

Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.3	30.5
277	24.5	19.7	29.5



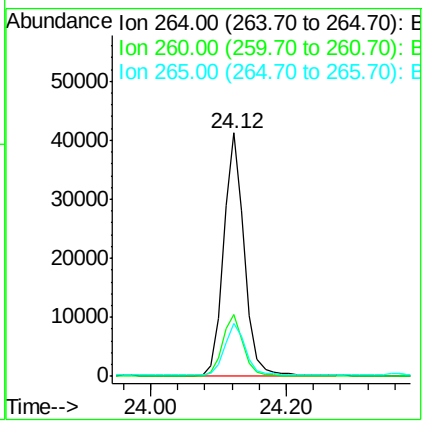


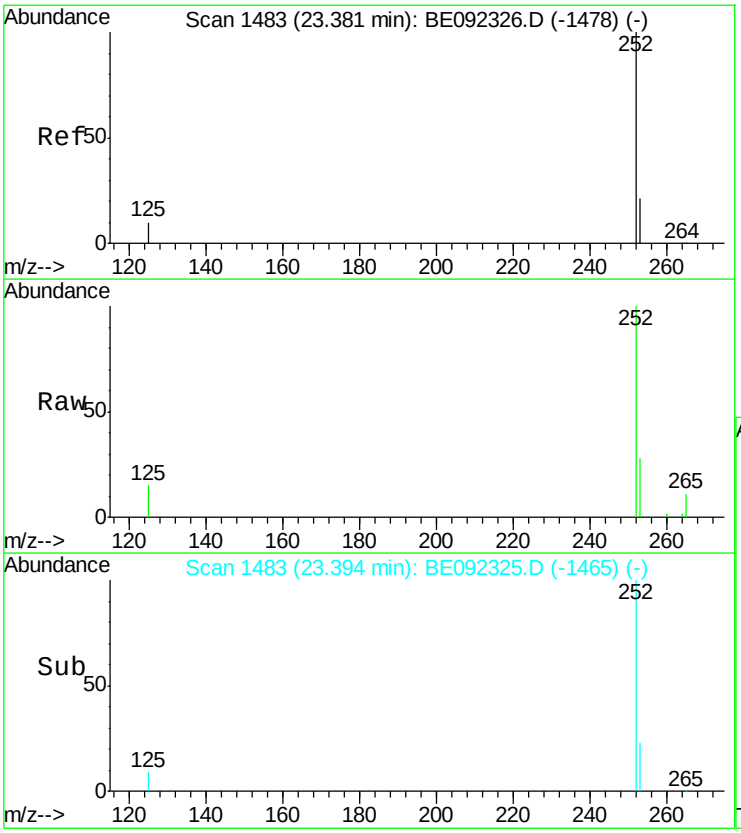
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 87654

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.1	30.1
265	21.8	17.9	26.9

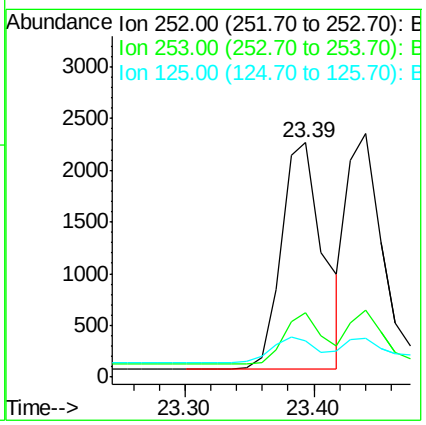


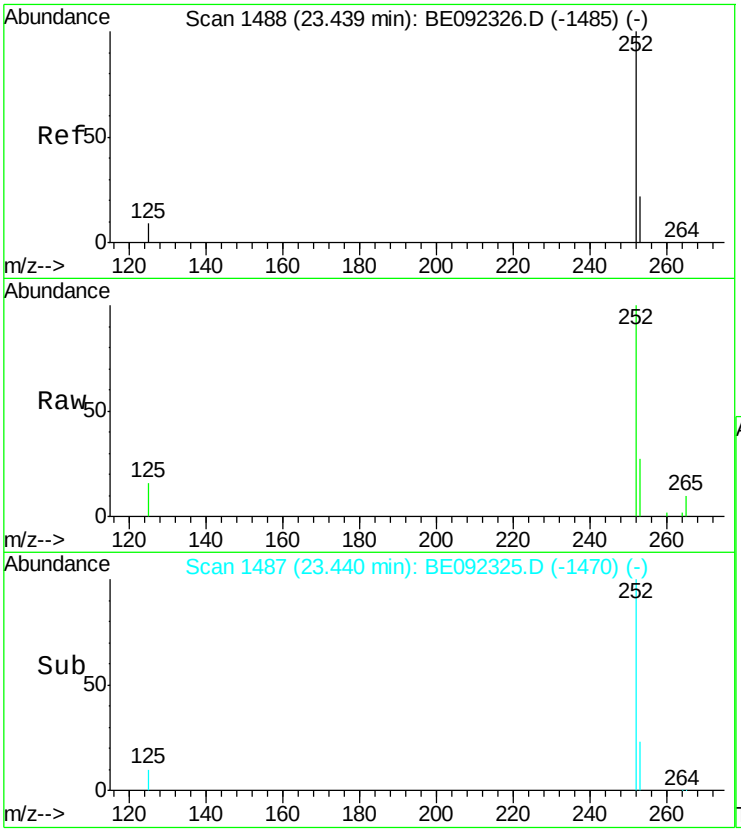


#32
Benzo(b)fluoranthene
Concen: 0.24 ng
RT: 23.39 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Tgt Ion:252 Resp: 4979

Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.7	28.1
125	15.3	10.5	15.7



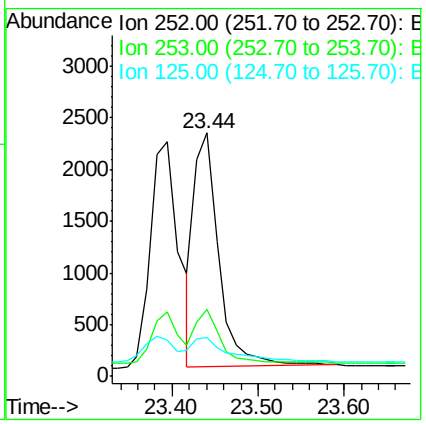


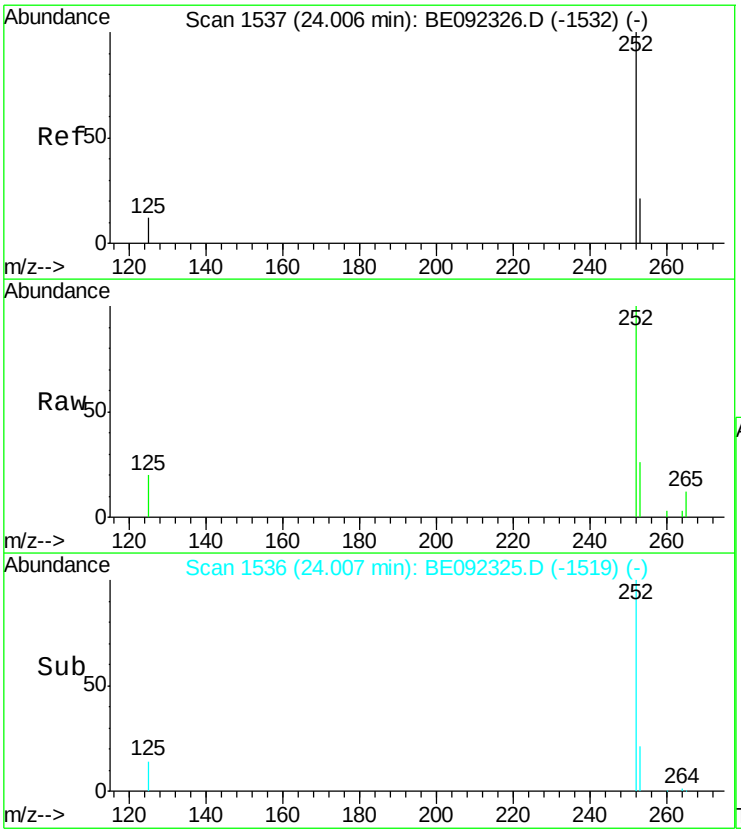
#33
Benzo(k)fluoranthene
Concen: 0.19 ng
RT: 23.44 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 4501

Ion	Ratio	Lower	Upper
252	100		
253	27.4	20.3	30.5
125	15.8	9.6	14.4#

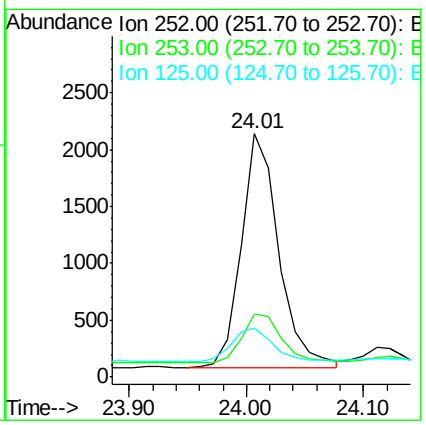


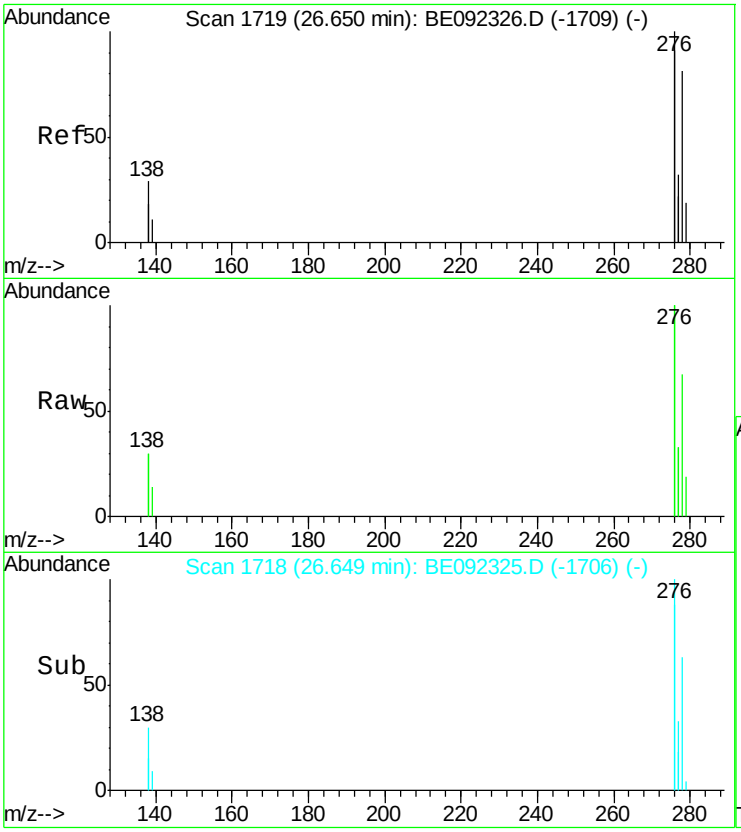


#34
Benzo(a)pyrene
Concen: 0.22 ng
RT: 24.01 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Tgt Ion:252 Resp: 4564

Ion	Ratio	Lower	Upper
252	100		
253	26.1	19.0	28.6
125	20.4	11.8	17.8#



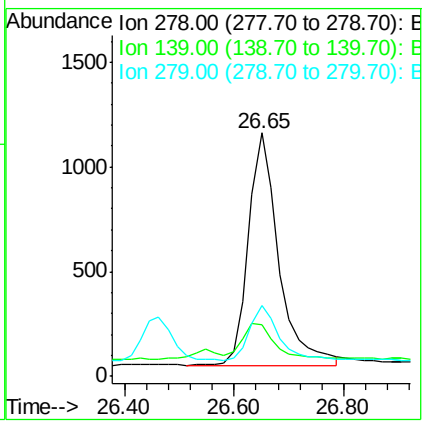


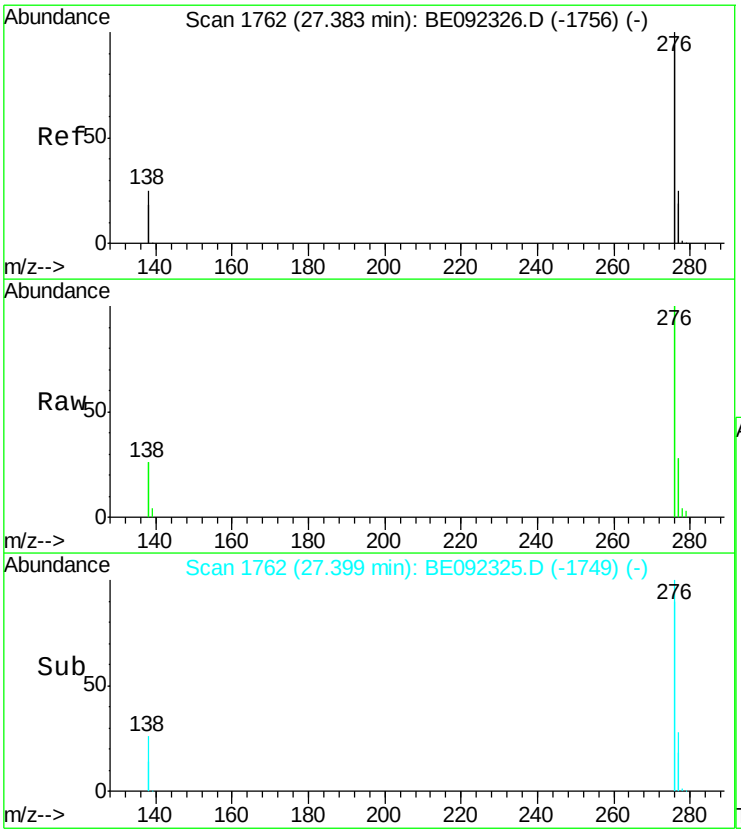
#35
Dibenzo(a,h)anthracene
Concen: 0.23 ng
RT: 26.65 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:278 Resp: 4259

Ion	Ratio	Lower	Upper
278	100		
139	21.4	13.8	20.8#
279	29.0	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.22 ng
RT: 27.40 min Scan# 1762
Delta R.T. 0.02 min
Lab File: BE092325.D
Acq: 1 Sep 2016 12:43

Tgt Ion:276 Resp: 17873

Ion	Ratio	Lower	Upper
276	100		
277	28.2	19.8	29.8
138	25.5	19.8	29.6