Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111616\
Data File : BE092528.D
Acq On : 16 Nov 2016 10:24
Operator : UM/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Nov 16 13:33:40 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 13:29:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	6978	5.00	ng		0.00
7) Naphthalene-d8	10.93	136	33617	5.00	ng		0.00
12) Acenaphthene-d10	14.80	164	23700	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	56865	5.00	ng		0.00
24) Chrysene-d12	21.72	240	70681	5.00	ng		0.00
31) Perylene-d12	24.09	264	70938	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.69	112	112	0.07	ng		0.01
5) Phenol-d6	7.40	99	142	0.07	ng		0.05
8) Nitrobenzene-d5	9.39	82	159	0.07	ng		0.02
13) 2,4,6-Tribromophenol	16.32	330	55	0.08	ng		0.01
14) 2-Fluorobiphenyl	13.45	172	682	0.12	ng		0.01
26) Terphenyl-d14	20.17	244	992	0.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	135	0.12	ng		95
3) n-Nitrosodimethylamine	3.81	42	61	0.05	ng	#	2
6) bis(2-Chloroethyl)ether	7.61	93	174	0.08	ng	#	71
9) Naphthalene	10.99	128	844	0.12	ng	#	75
10) Hexachlorobutadiene	11.26	225	134	0.12	ng		94
11) 2-Methylnaphthalene	12.66	142	488	0.10	ng	#	92
15) Acenaphthylene	14.53	152	3906	0.11	ng		100
16) Acenaphthene	14.87	154	715	0.13	ng		89
17) Fluorene	15.87	166	764	0.11	ng		98
19) Hexachlorobenzene	16.89	284	372	0.17	ng	#	39
20) Pentachlorophenol	17.26	266	36	0.06	ng	#	77
21) Phenanthrene	17.60	178	1512	0.12	ng		98
22) Anthracene	17.72	178	1288	0.11	ng	#	75
23) Fluoranthene	19.61	202	6611	0.11	ng		98
25) Pyrene	19.97	202	6958	0.12	ng		100
27) Benzo(a)anthracene	21.77	228	16350	0.23	ng	#	85
28) Chrysene	21.77	228	16473	0.21	ng	#	68
29) Bis(2-ethylhexyl)phthalate	21.63	149	662	0.09	ng	#	78
30) Indeno(1,2,3-cd)pyrene	26.58	276	9082	0.12	ng		99
32) Benzo(b)fluoranthene	23.36	252	2030	0.08	ng	#	89
33) Benzo(k)fluoranthene	23.41	252	2316	0.08	ng	#	89
34) Benzo(a)pyrene	23.97	252	1875	0.10	ng	#	77
35) Dibenzo(a,h)anthracene	26.62	278	1832	0.11	ng	#	82
36) Benzo(g,h,i)perylene	27.35	276	7943	0.11	ng	#	87

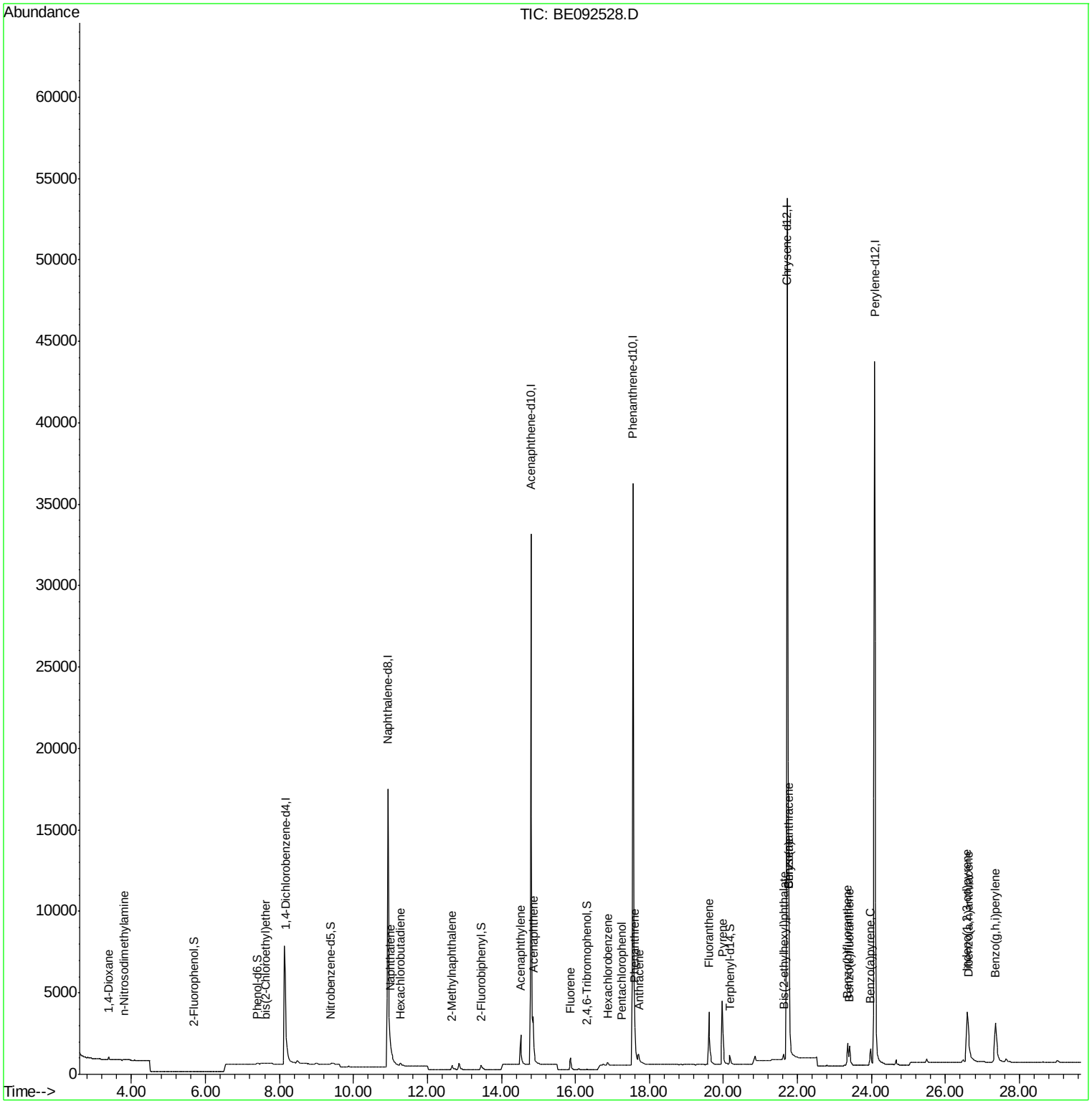
(#) = qualifier out of range (m) = manual integration (+) = signals summed

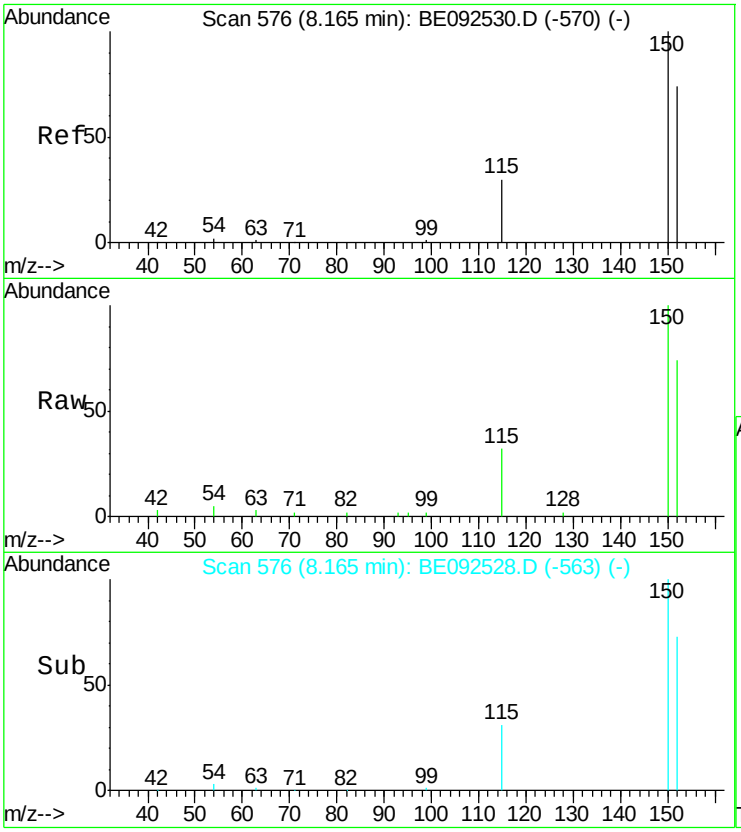
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111616\
Data File : BE092528.D
Acq On : 16 Nov 2016 10:24
Operator : UM/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Nov 16 13:33:40 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 13:29:35 2016
Response via : Initial Calibration



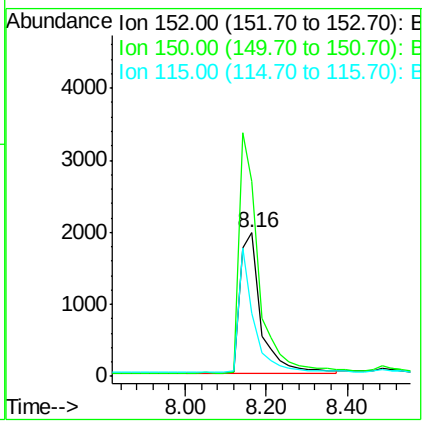


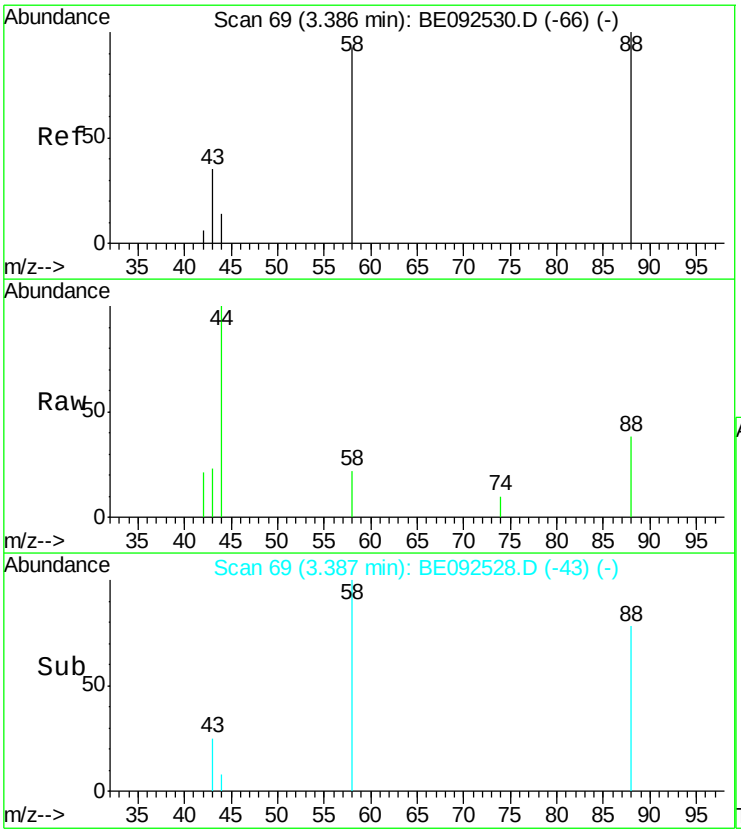
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. 0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 6978

Ion	Ratio	Lower	Upper
152	100		
150	135.9	106.0	159.0
115	43.8	31.2	46.8

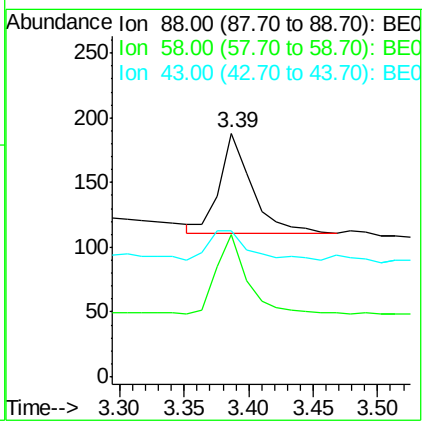


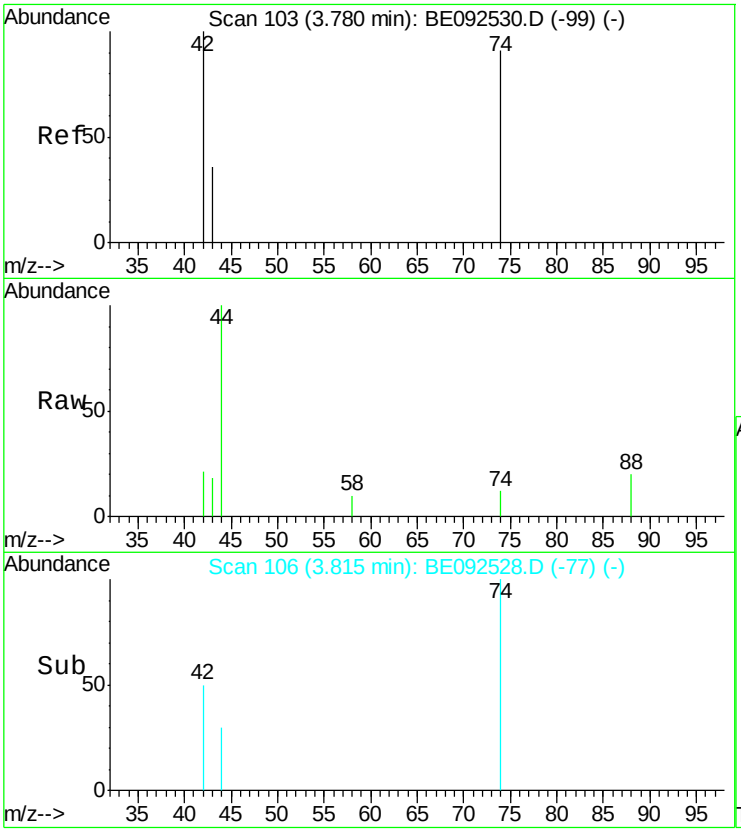


#2
1,4-Dioxane
Concen: 0.12 ng
RT: 3.39 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Tgt Ion: 88 Resp: 135

Ion	Ratio	Lower	Upper
88	100		
58	77.8	63.6	95.4
43	41.5	28.0	42.0



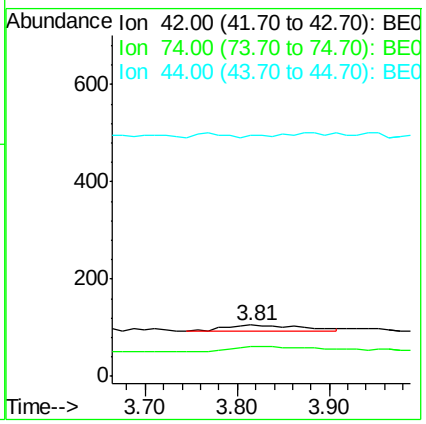


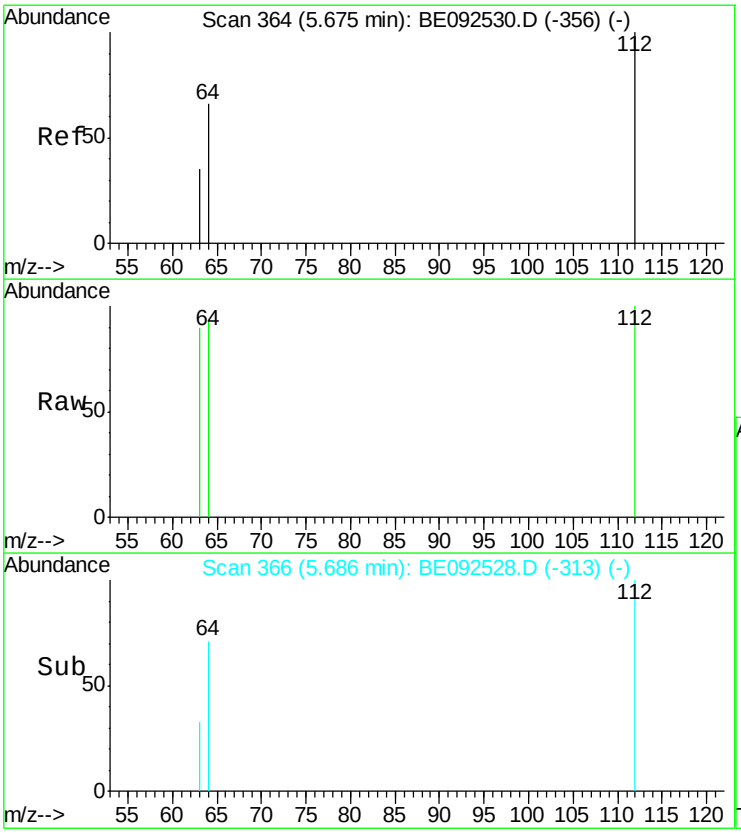
#3
n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 3.81 min Scan# 106
Delta R.T. 0.03 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 61

Ion	Ratio	Lower	Upper
42	100		
74	0.0	86.0	129.0#
44	0.0	5.1	7.7#

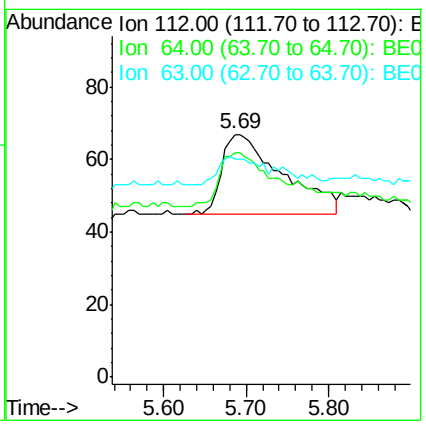


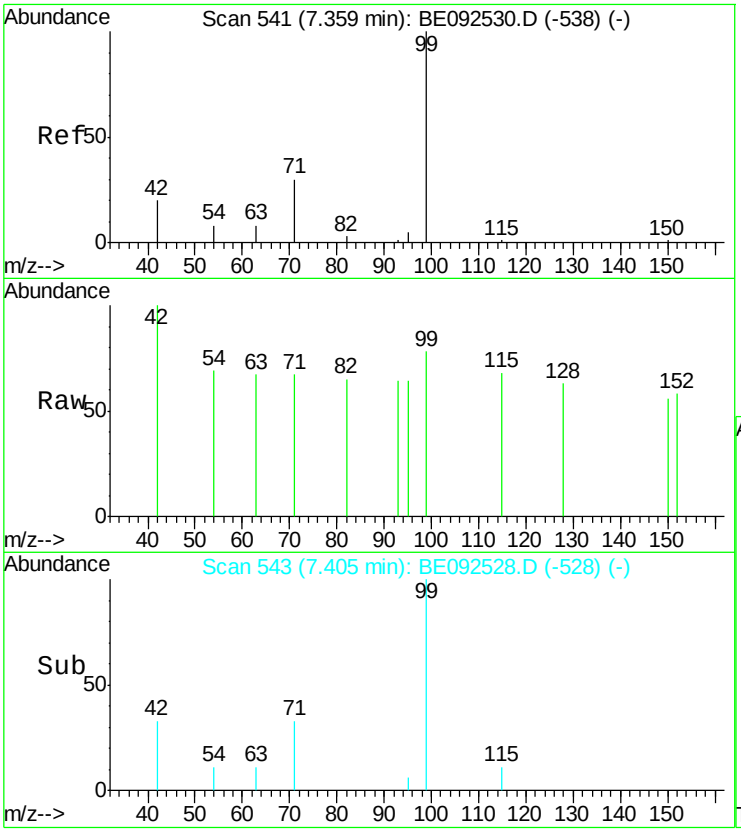


#4
2-Fluorophenol
Concen: 0.07 ng
RT: 5.69 min Scan# 366
Delta R.T. 0.01 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Tgt Ion:112 Resp: 112

Ion	Ratio	Lower	Upper
112	100		
64	56.3	53.5	80.3
63	23.2	27.9	41.9#



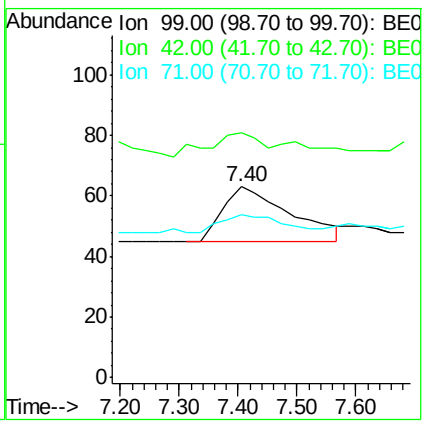


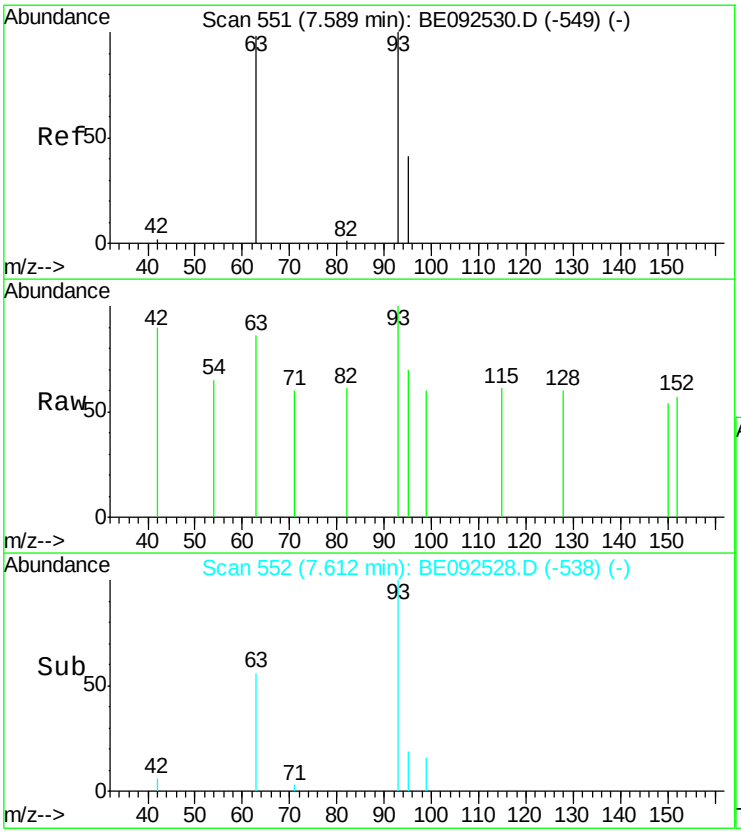
#5
Phenol-d6
Concen: 0.07 ng
RT: 7.40 min Scan# 543
Delta R.T. 0.05 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 142

Ion	Ratio	Lower	Upper
99	100		
42	37.3	16.0	24.0#
71	28.9	30.6	45.8#

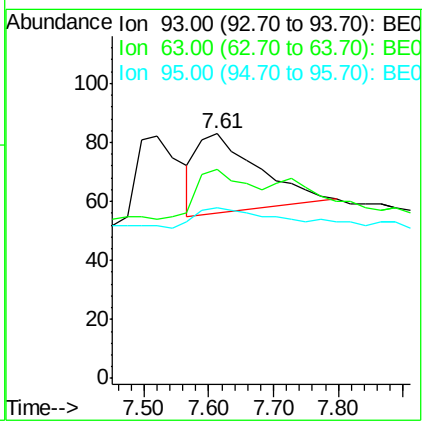


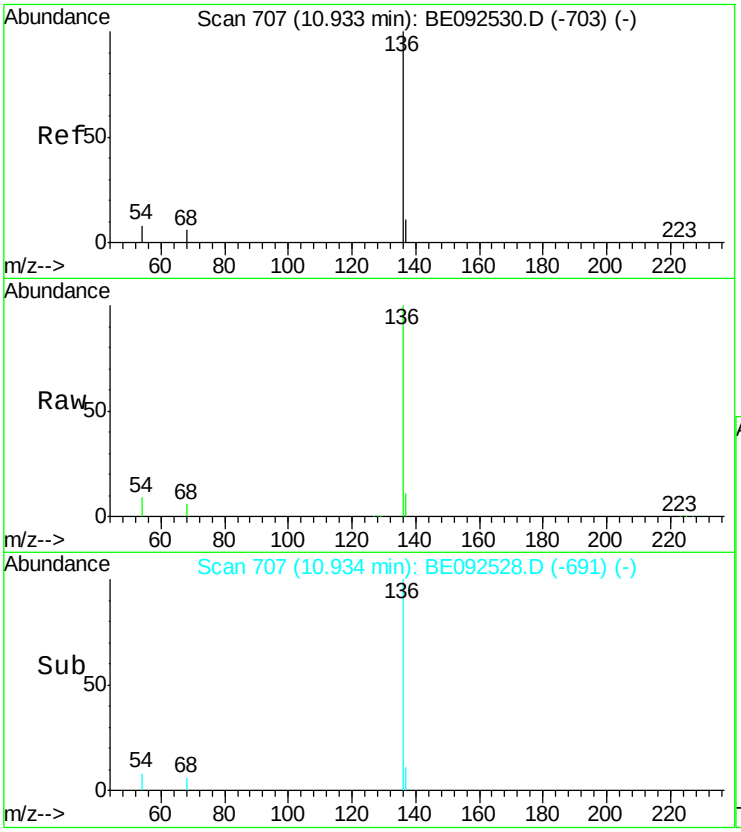


#6
bis(2-Chloroethyl)ether
Concen: 0.08 ng
RT: 7.61 min Scan# 552
Delta R.T. 0.02 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Tgt Ion: 93 Resp: 174

Ion	Ratio	Lower	Upper
93	100		
63	55.7	71.6	107.4#
95	35.1	24.0	36.0



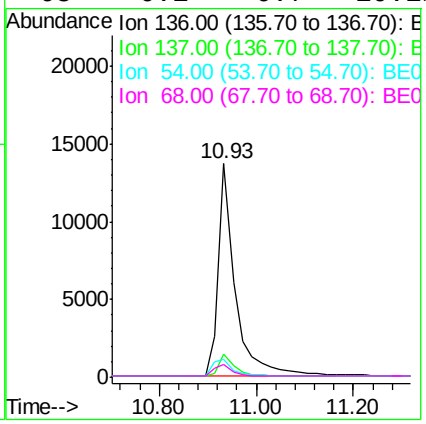


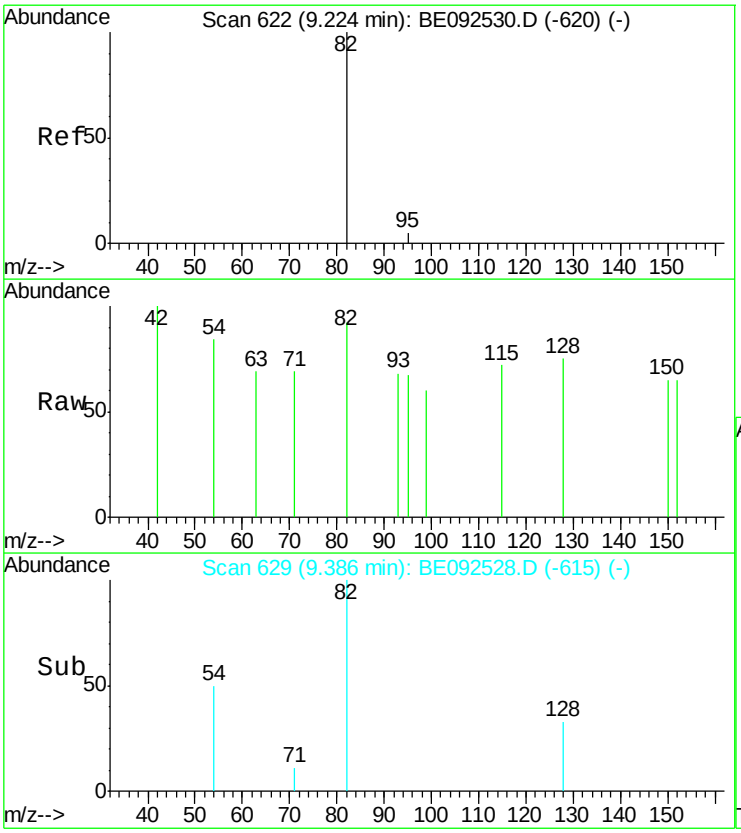
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.93 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 33617

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	8.5	9.6	14.4#
68	6.1	6.7	10.1#

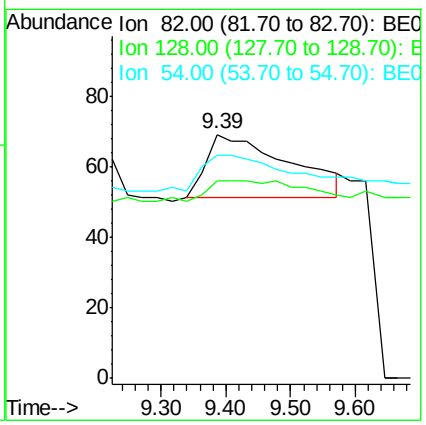


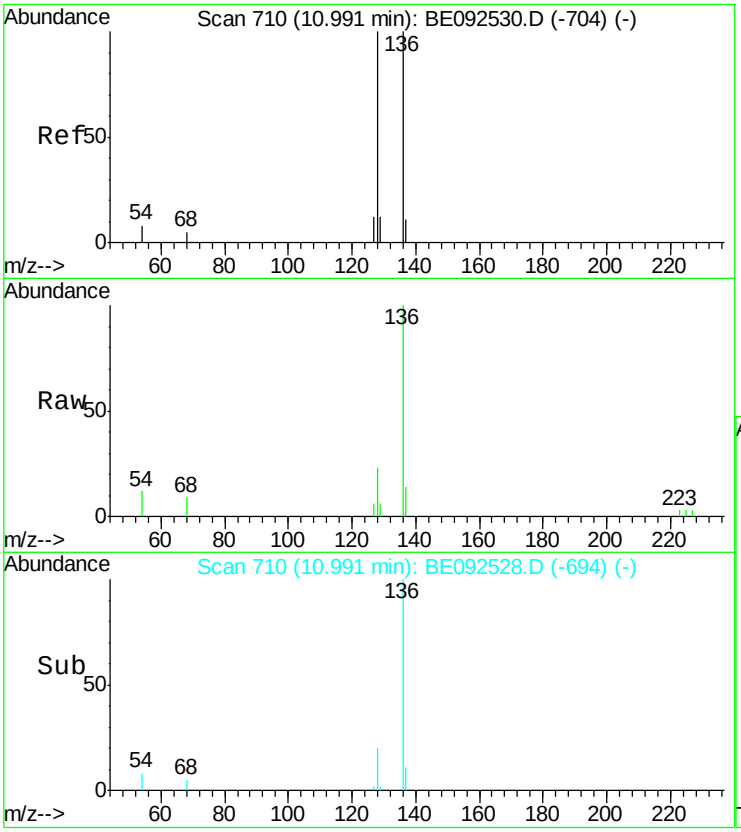


#8
Nitrobenzene-d5
Concen: 0.07 ng
RT: 9.39 min Scan# 629
Delta R.T. 0.02 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Tgt Ion: 82 Resp: 159

Ion	Ratio	Lower	Upper
82	100		
128	81.2	39.0	58.4#
54	91.3	44.8	67.2#



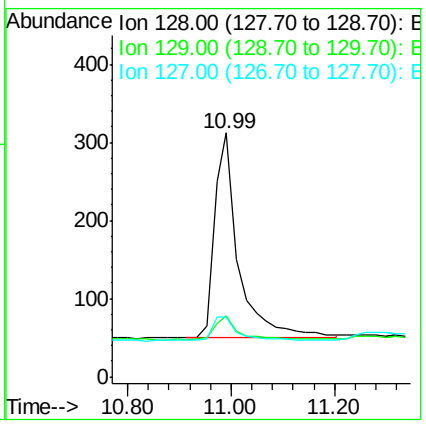


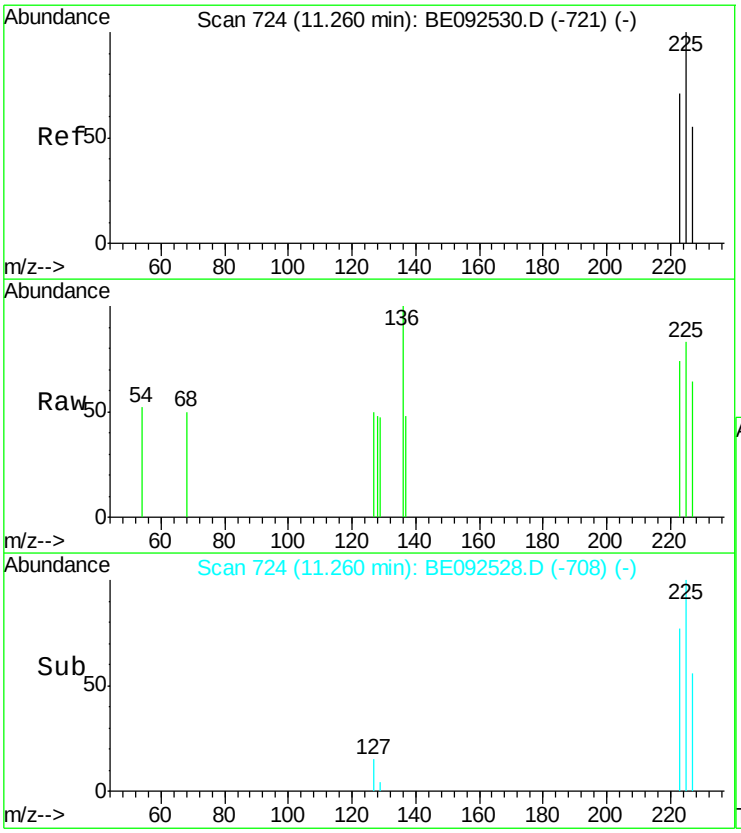
#9
Naphthalene
Concen: 0.12 ng
RT: 10.99 min Scan# 710
Delta R.T. 0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 844

Ion	Ratio	Lower	Upper
128	100		
129	25.0	11.2	16.8#
127	24.4	11.6	17.4#

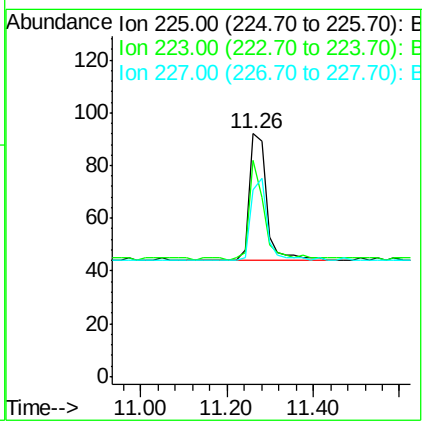


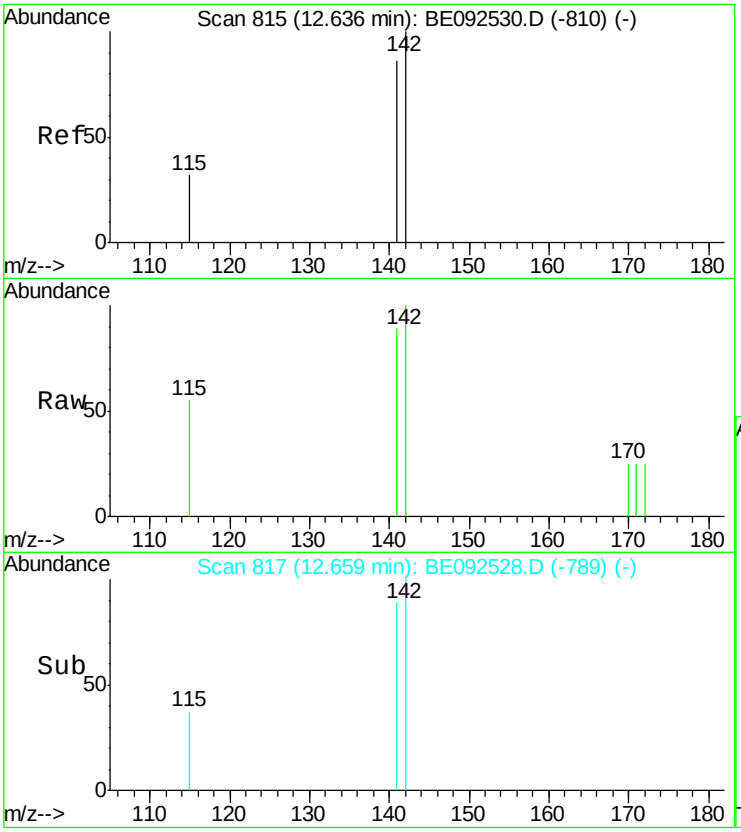


#10
Hexachlorobutadiene
Concen: 0.12 ng
RT: 11.26 min Scan# 724
Delta R.T. 0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Tgt Ion:225 Resp: 134

Ion	Ratio	Lower	Upper
225	100		
223	70.9	50.6	76.0
227	61.9	51.4	77.0



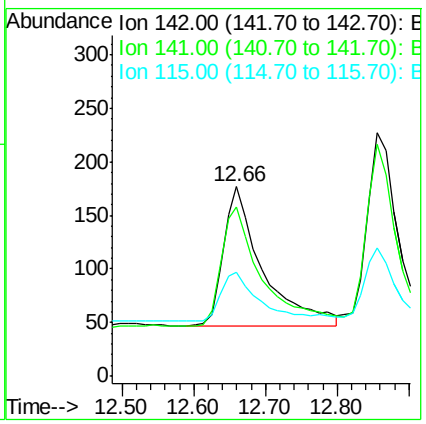


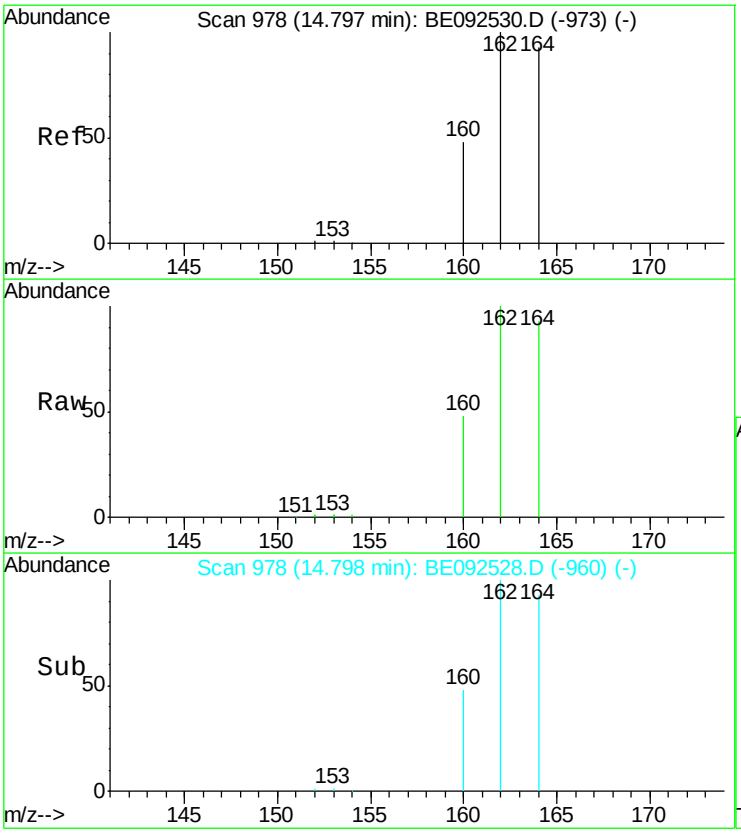
#11
2-Methylnaphthalene
Concen: 0.10 ng
RT: 12.66 min Scan# 817
Delta R.T. 0.02 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 488

Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.7	110.5
115	54.8	34.0	51.0#

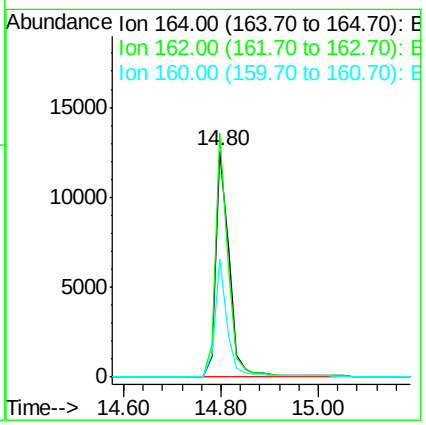


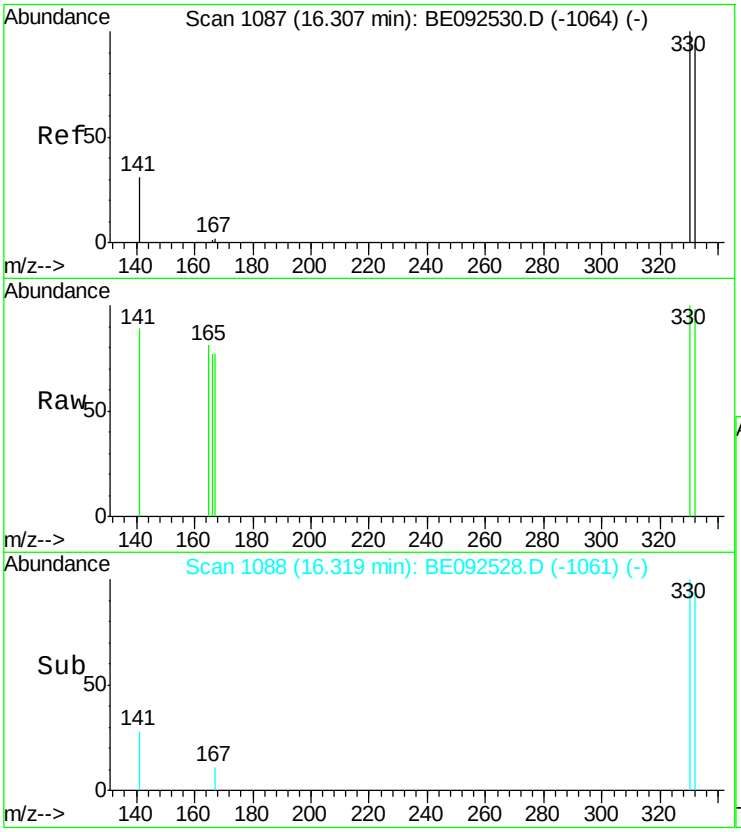


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 978
Delta R.T. 0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Tgt Ion:164 Resp: 23700

Ion	Ratio	Lower	Upper
164	100		
162	107.8	71.4	107.0#
160	52.1	27.4	41.2#



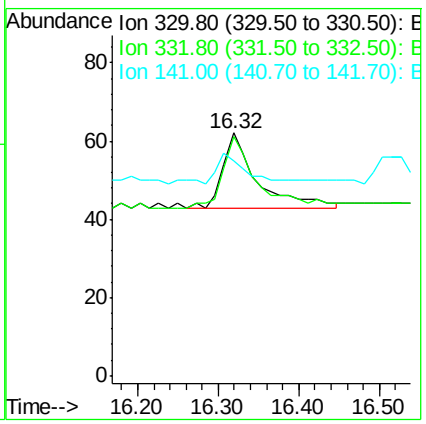


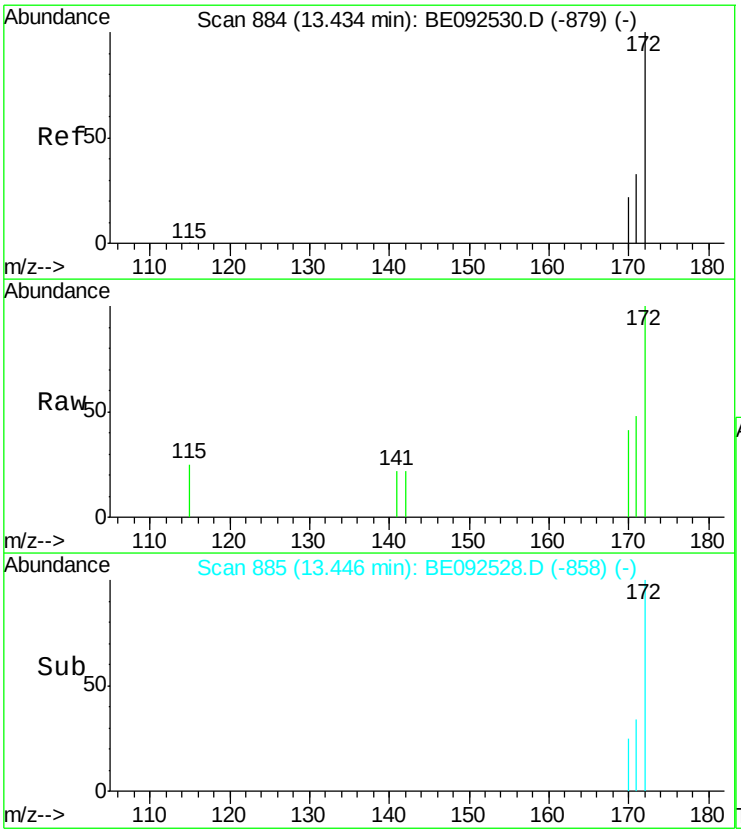
#13
2,4,6-Tribromophenol
Concen: 0.08 ng
RT: 16.32 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:330 Resp: 55

Ion	Ratio	Lower	Upper
330	100		
332	94.5	75.4	113.0
141	47.3	31.0	46.6#

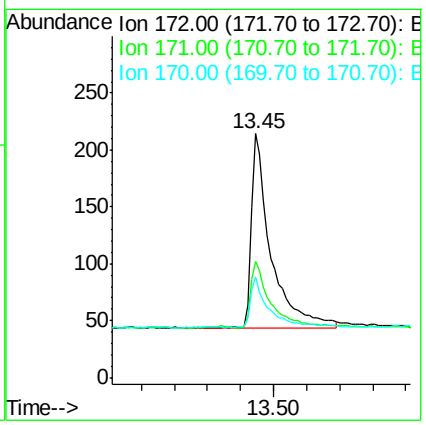


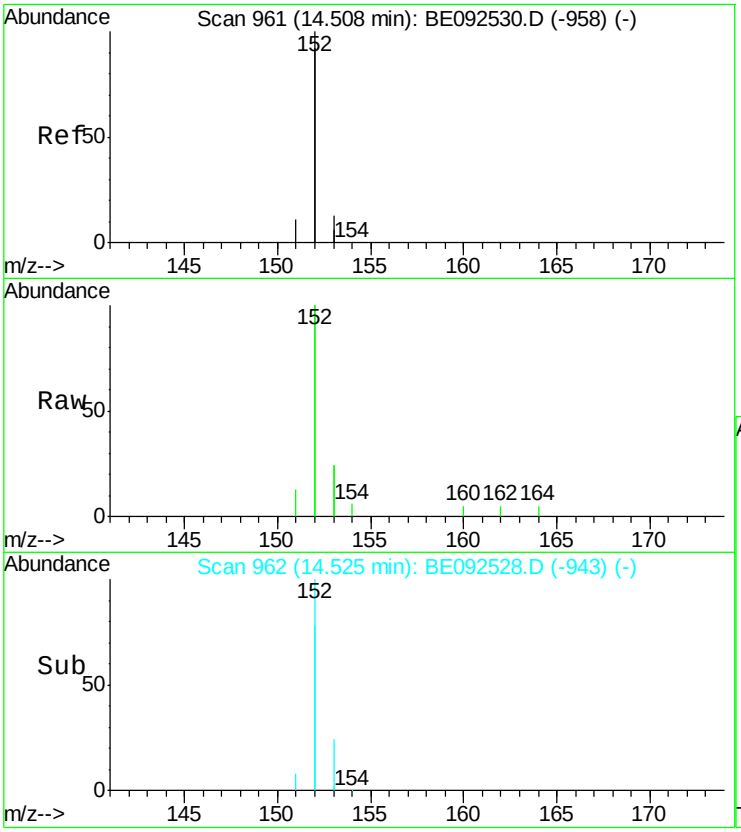


#14
2-Fluorobiphenyl
Concen: 0.12 ng
RT: 13.45 min Scan# 885
Delta R.T. 0.01 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Tgt Ion:172 Resp: 682

Ion	Ratio	Lower	Upper
172	100		
171	47.7	30.1	45.1#
170	41.1	21.8	32.6#



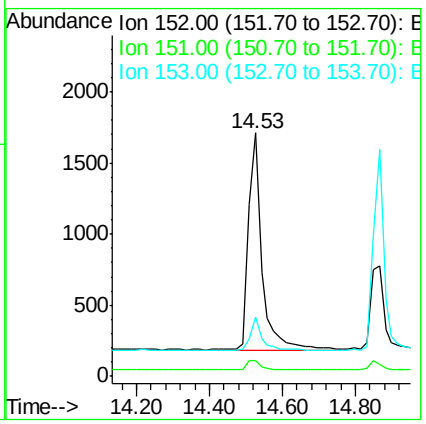


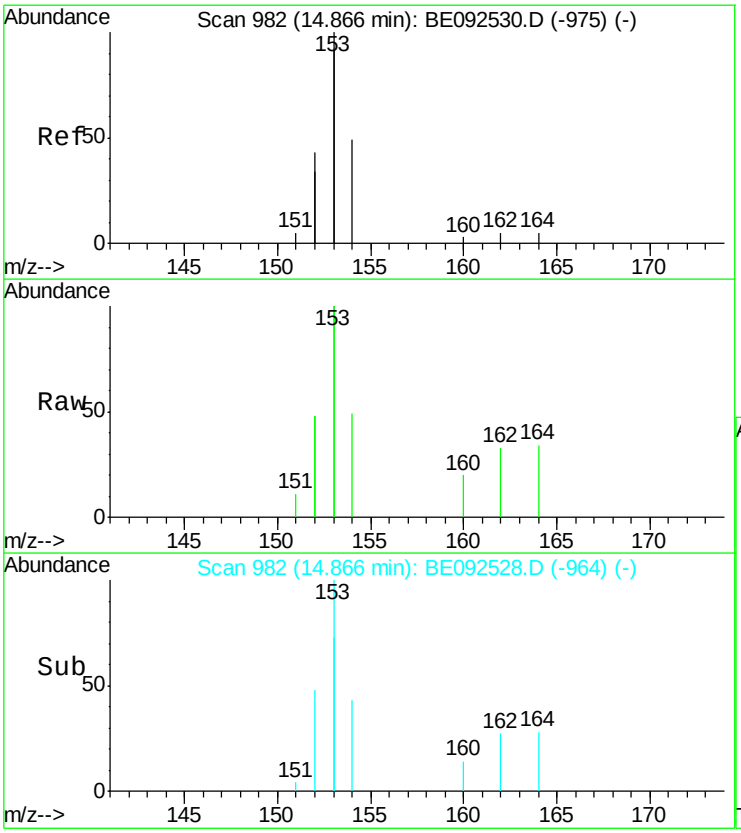
#15
Acenaphthylene
Concen: 0.11 ng
RT: 14.53 min Scan# 962
Delta R.T. 0.02 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 3906

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	13.0	10.4	15.6

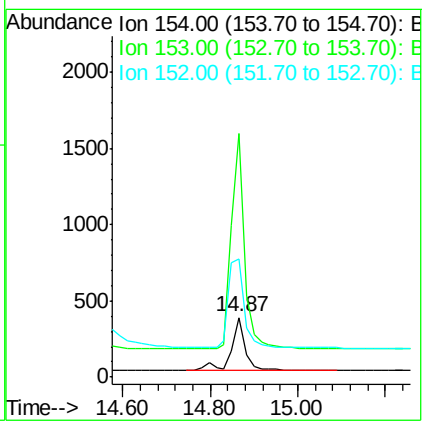


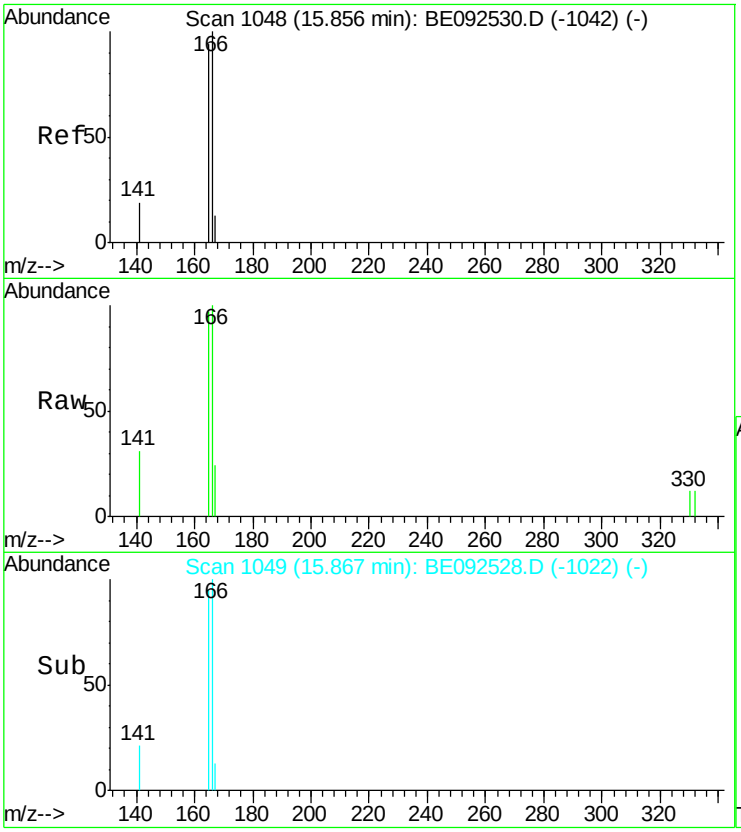


#16
Acenaphthene
Concen: 0.13 ng
RT: 14.87 min Scan# 982
Delta R.T. 0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Tgt Ion:154 Resp: 715

Ion	Ratio	Lower	Upper
154	100		
153	405.3	350.8	526.2
152	204.3	171.1	256.7



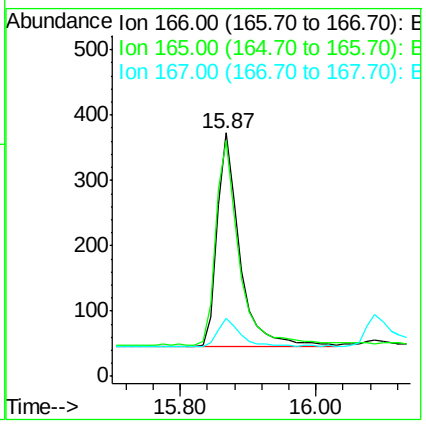


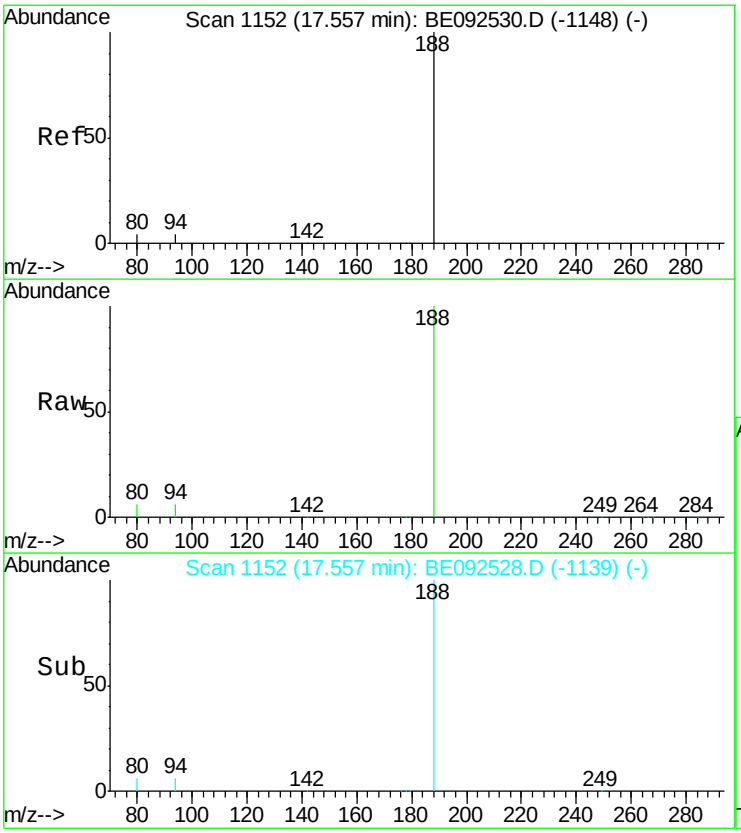
#17
Fluorene
Concen: 0.11 ng
RT: 15.87 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:166 Resp: 764

Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.2	117.4
167	13.9	11.0	16.4

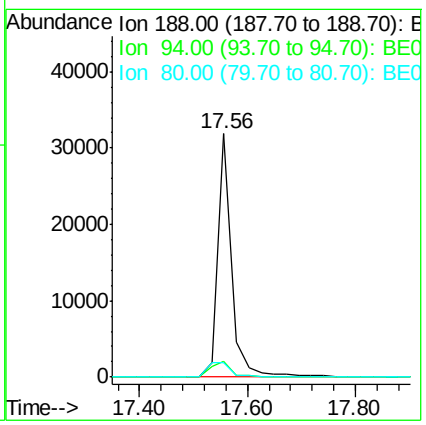


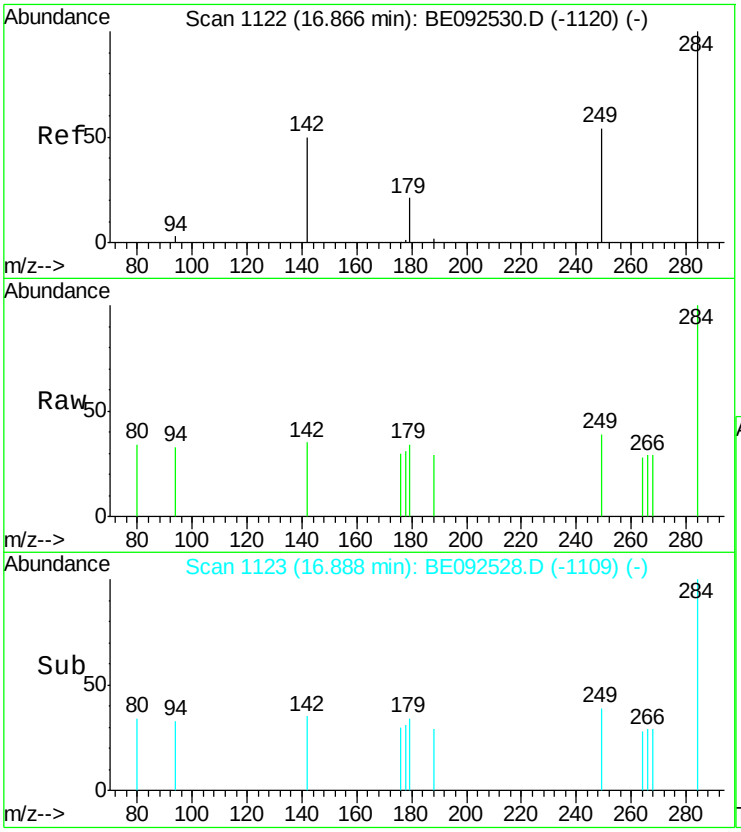


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Tgt Ion:188 Resp: 56865

Ion	Ratio	Lower	Upper
188	100		
94	6.4	3.2	4.8#
80	5.8	2.6	3.8#



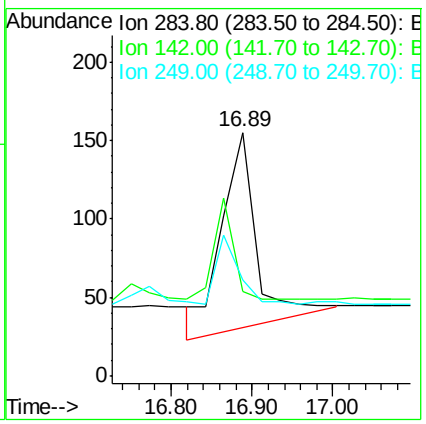


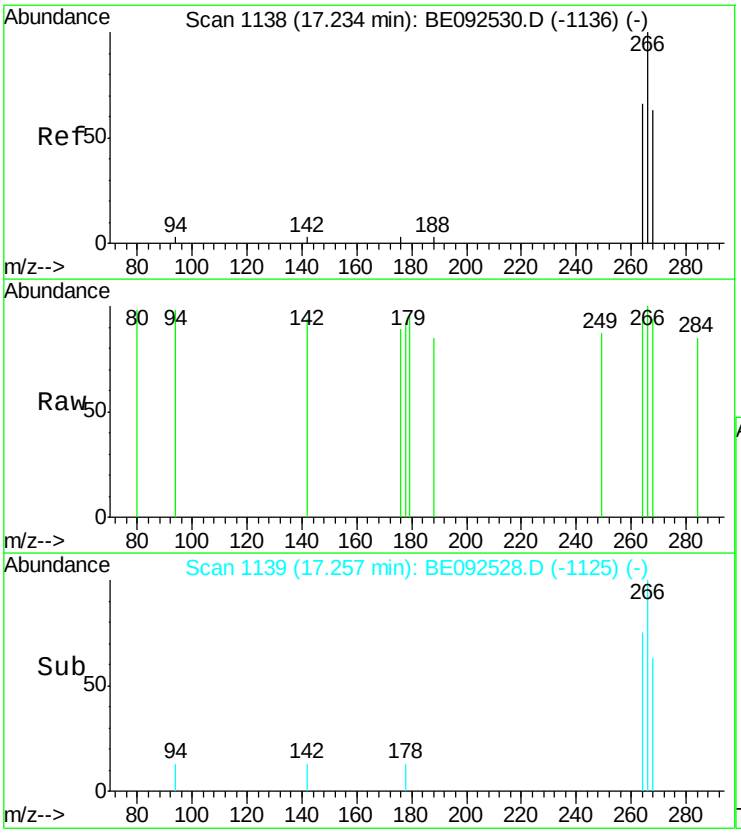
#19
Hexachlorobenzene
Concen: 0.17 ng
RT: 16.89 min Scan# 1123
Delta R.T. 0.02 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 372

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	0.0	27.9	41.9#

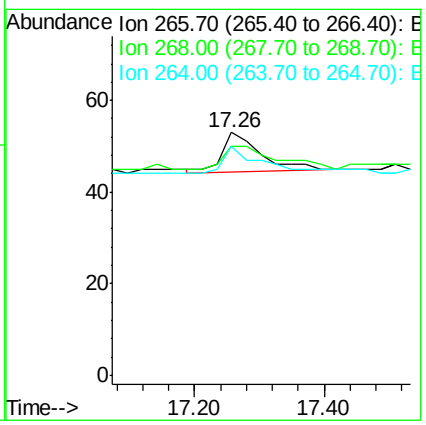


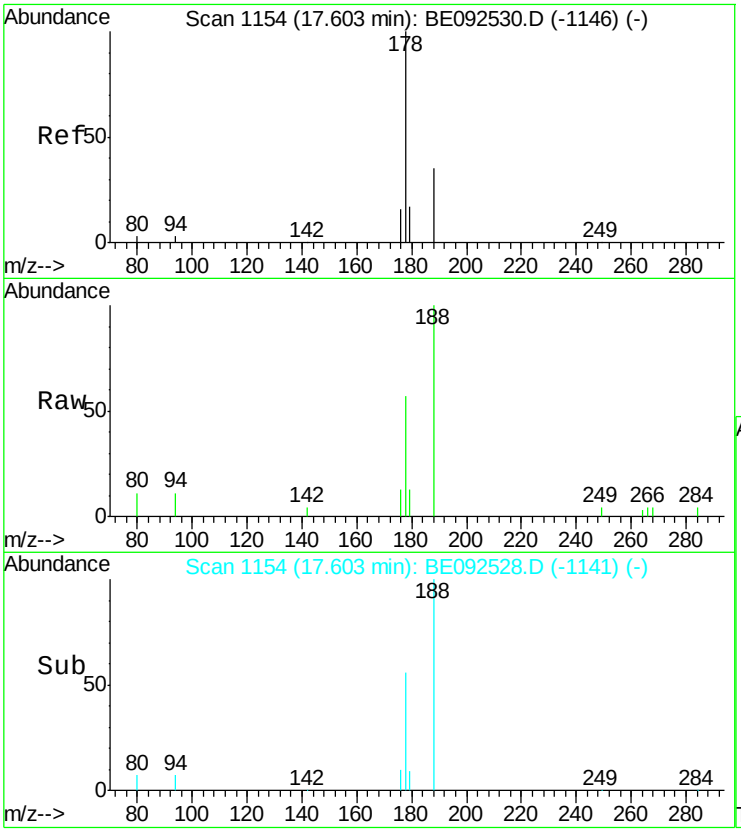


#20
Pentachlorophenol
Concen: 0.06 ng
RT: 17.26 min Scan# 1139
Delta R.T. 0.02 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Tgt Ion:266 Resp: 36

Ion	Ratio	Lower	Upper
266	100		
268	94.3	62.5	93.7#
264	94.3	57.2	85.8#



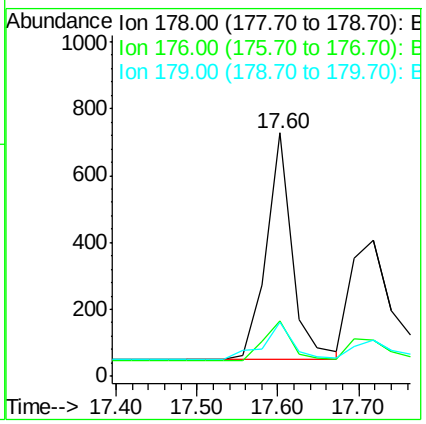


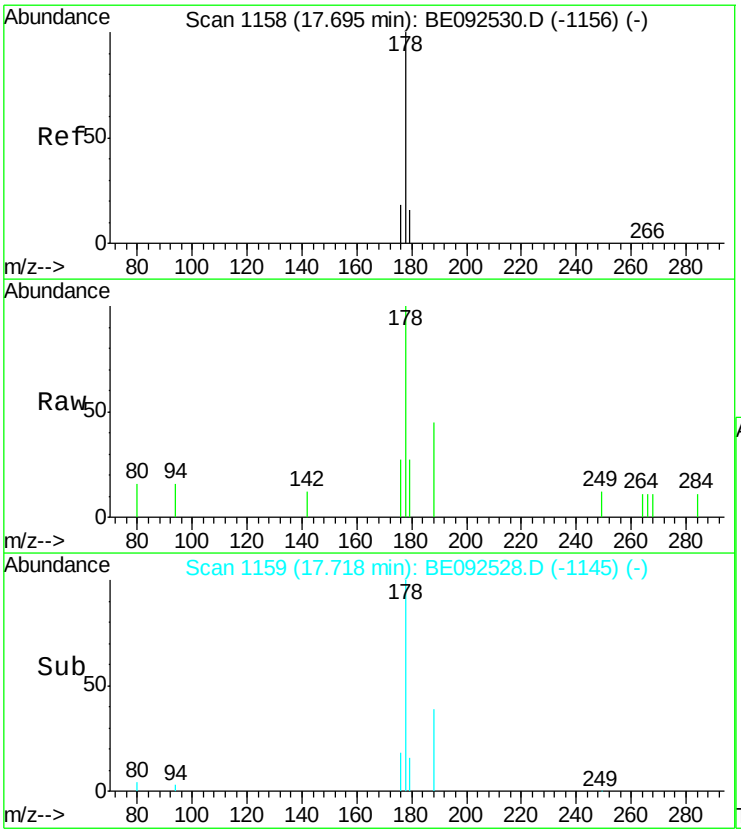
#21
Phenanthrene
Concen: 0.12 ng
RT: 17.60 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 1512

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	18.8	16.0	24.0

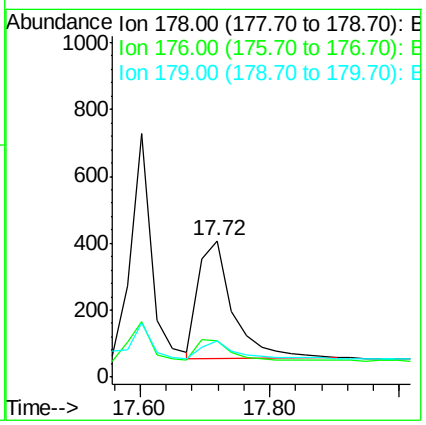


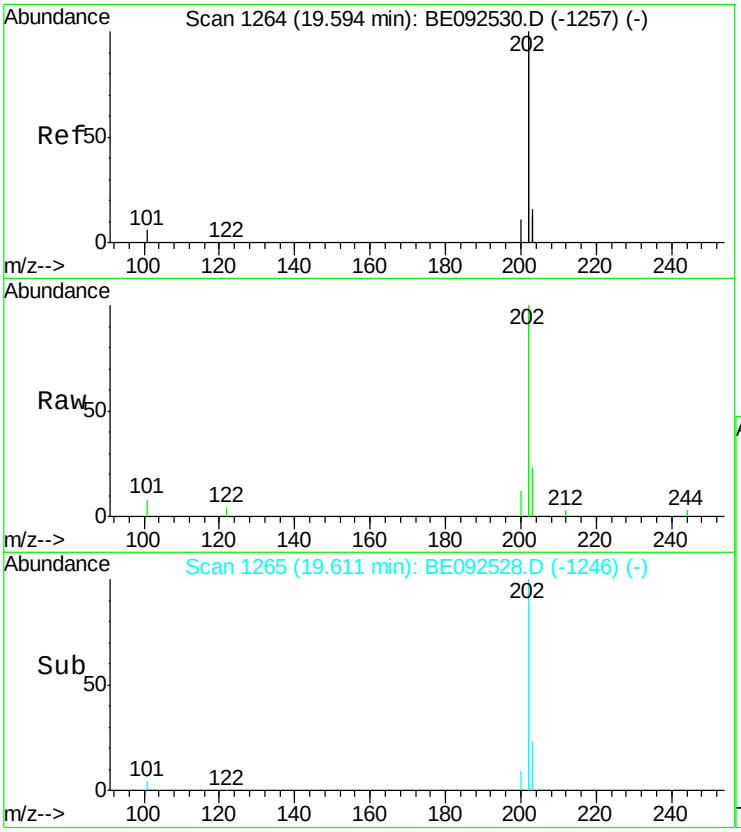


#22
Anthracene
Concen: 0.11 ng
RT: 17.72 min Scan# 1159
Delta R.T. 0.02 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Tgt Ion:178 Resp: 1288

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	16.8	12.2	18.2



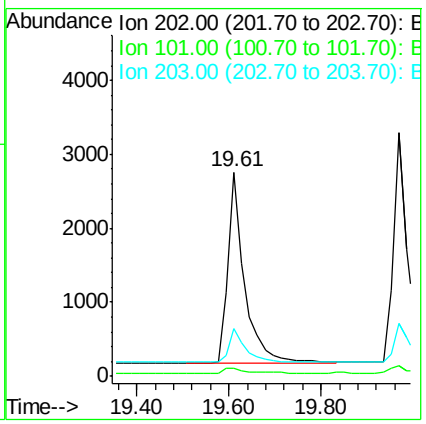


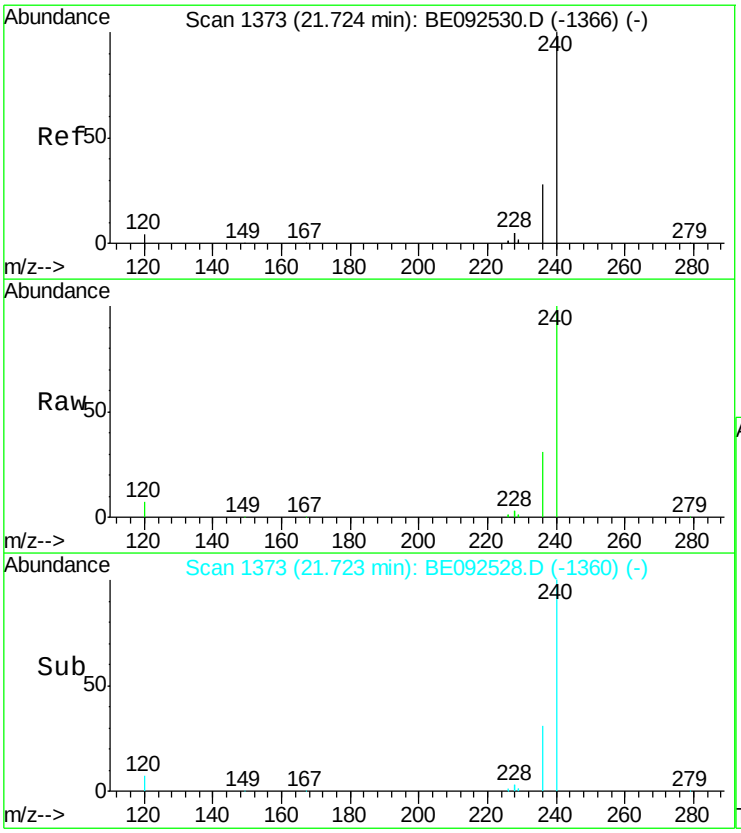
#23
Fluoranthene
Concen: 0.11 ng
RT: 19.61 min Scan# 1265
Delta R.T. 0.02 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 6611

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	18.1	13.7	20.5

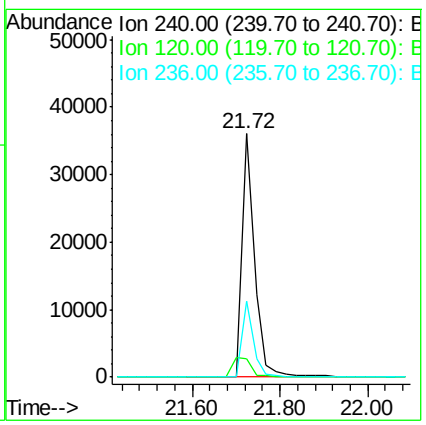


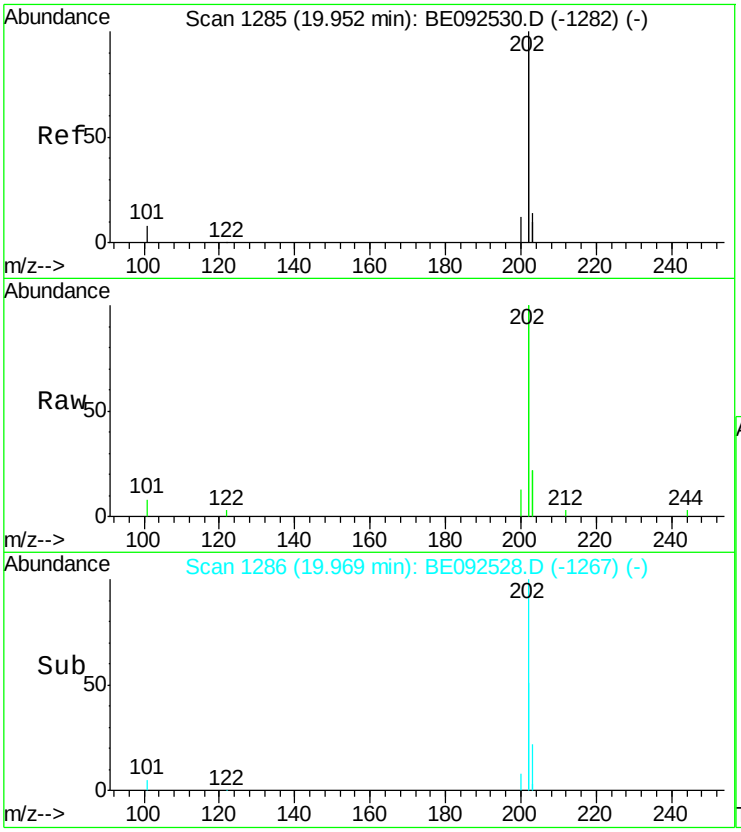


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Tgt Ion:240 Resp: 70681

Ion	Ratio	Lower	Upper
240	100		
120	7.3	2.6	4.0#
236	31.1	24.6	37.0



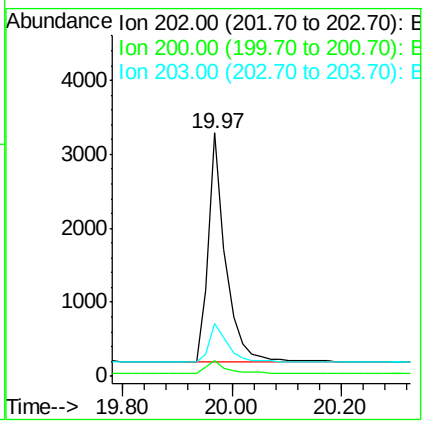


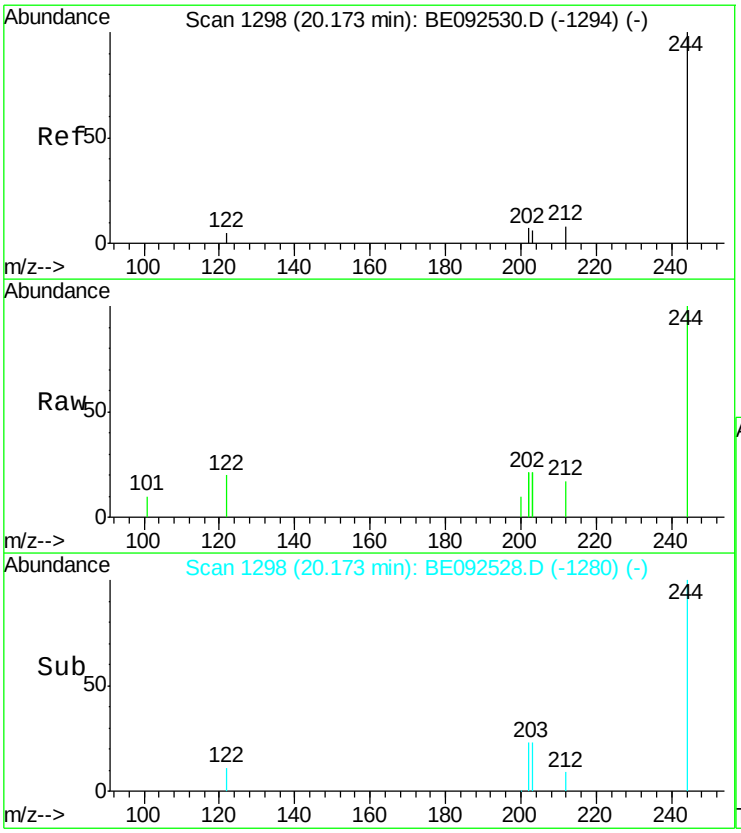
#25
Pyrene
Concen: 0.12 ng
RT: 19.97 min Scan# 1286
Delta R.T. 0.02 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 6958

Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.2	6.4
203	17.3	13.9	20.9

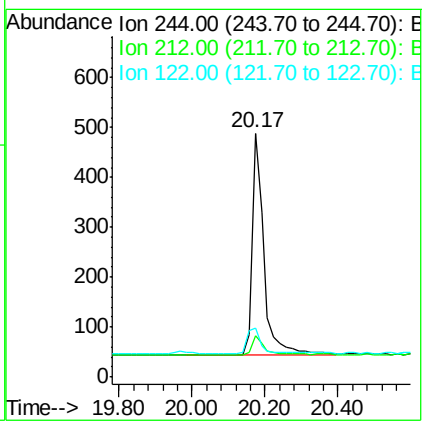


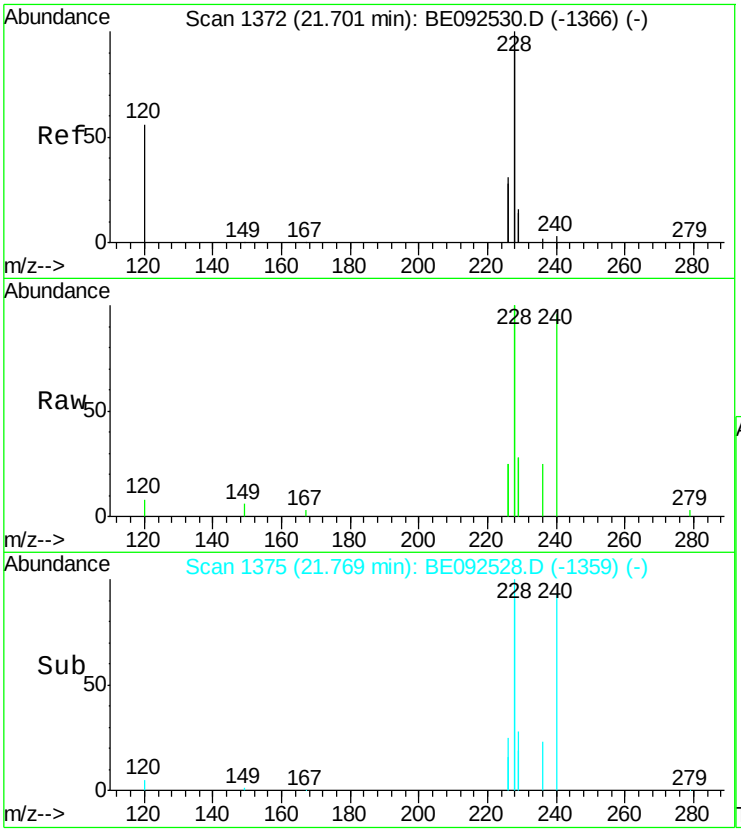


#26
Terphenyl-d14
Concen: 0.12 ng
RT: 20.17 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Tgt Ion:244 Resp: 992

Ion	Ratio	Lower	Upper
244	100		
212	17.0	6.7	10.1#
122	19.9	3.6	5.4#



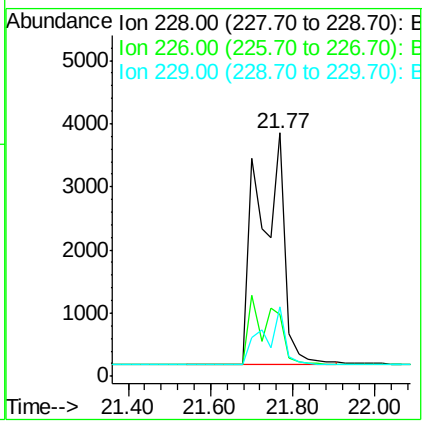


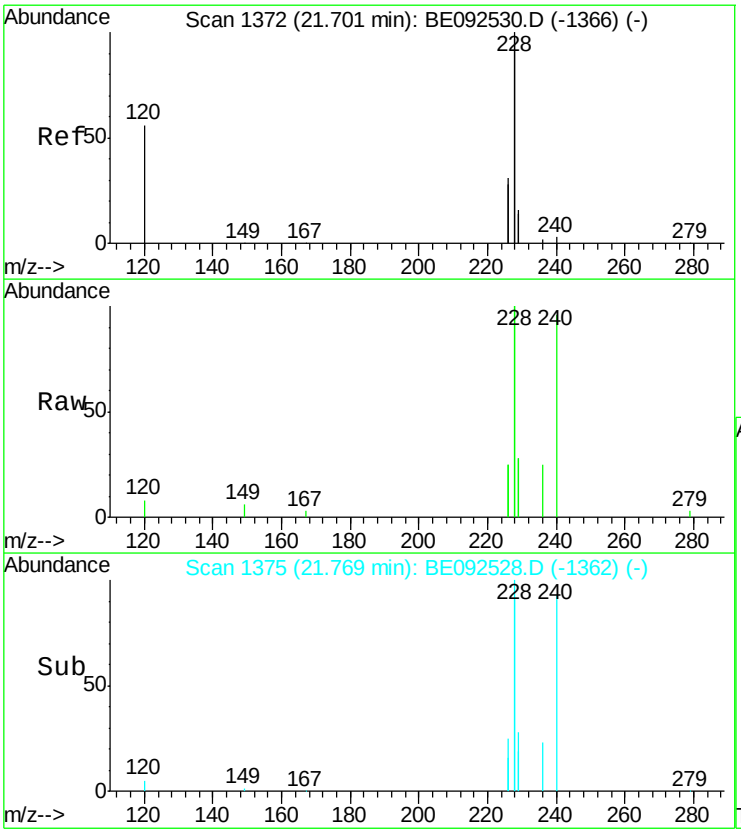
#27
Benzo(a)anthracene
Concen: 0.23 ng
RT: 21.77 min Scan# 1375
Delta R.T. 0.07 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 16350

Ion	Ratio	Lower	Upper
228	100		
226	25.4	23.6	35.4
229	28.5	13.3	19.9#

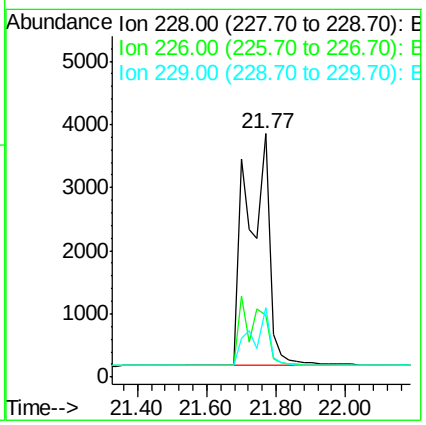


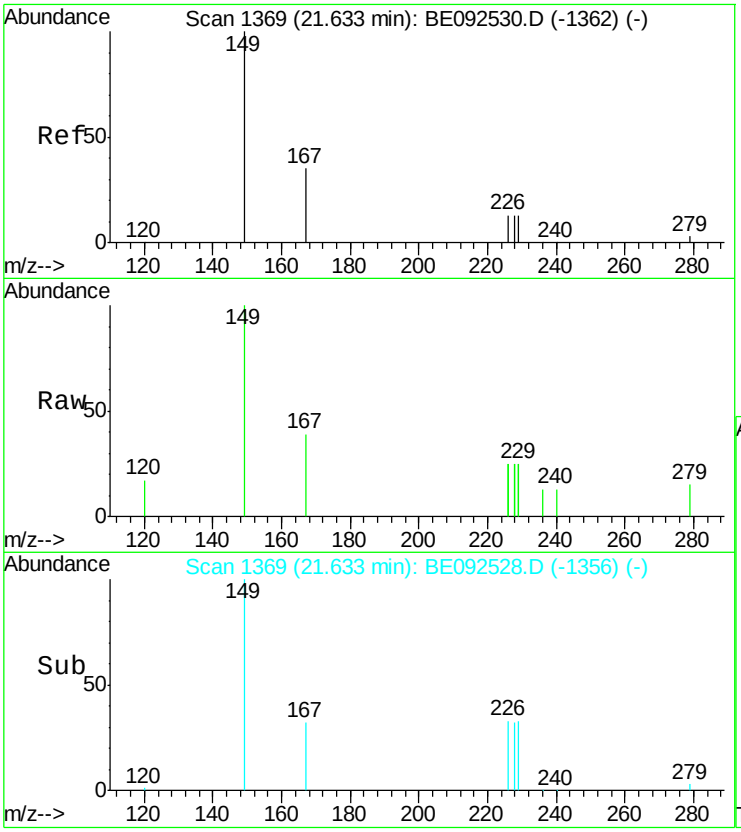


#28
Chrysene
Concen: 0.21 ng
RT: 21.77 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Tgt Ion:228 Resp: 16473

Ion	Ratio	Lower	Upper
228	100		
226	25.4	36.3	54.5#
229	28.5	10.6	16.0#



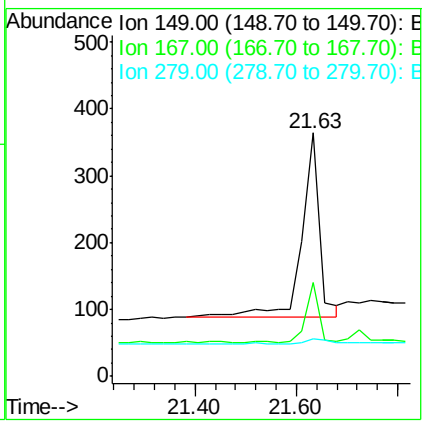


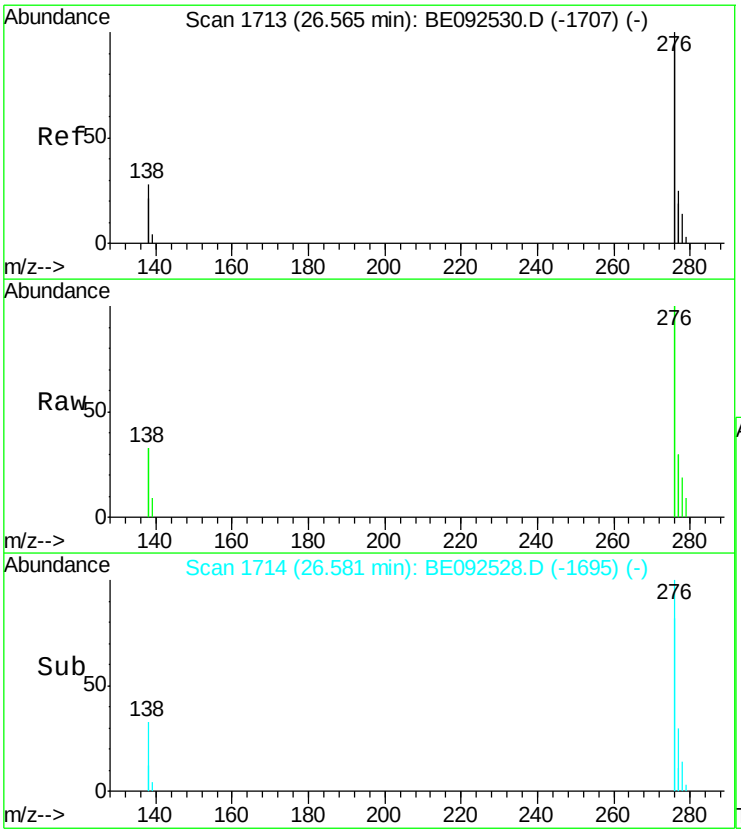
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.09 ng
RT: 21.63 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:149 Resp: 662

Ion	Ratio	Lower	Upper
149	100		
167	23.9	16.0	24.0
279	3.5	16.0	24.0#

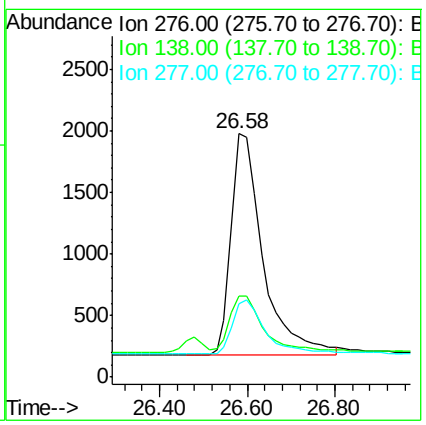


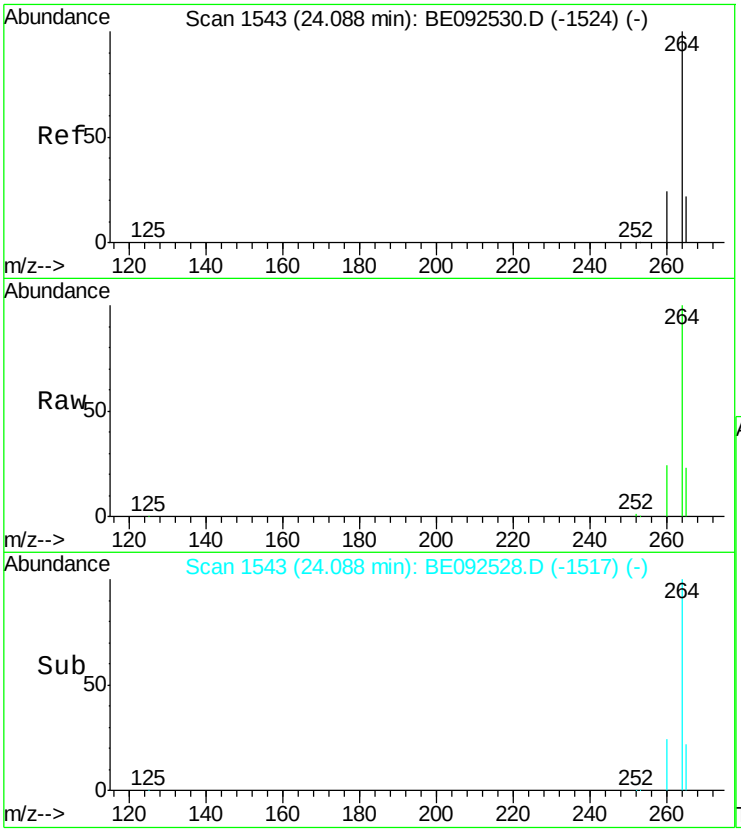


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.12 ng
RT: 26.58 min Scan# 1714
Delta R.T. 0.02 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Tgt Ion:276 Resp: 9082

Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.3	30.5
277	24.9	19.7	29.5



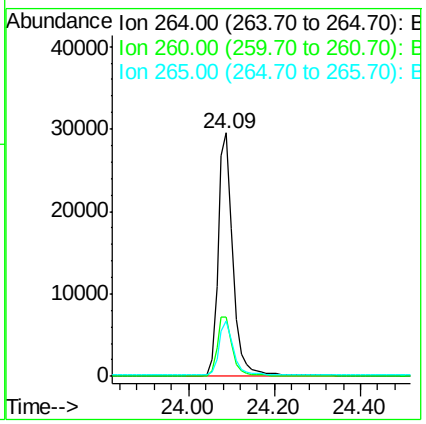


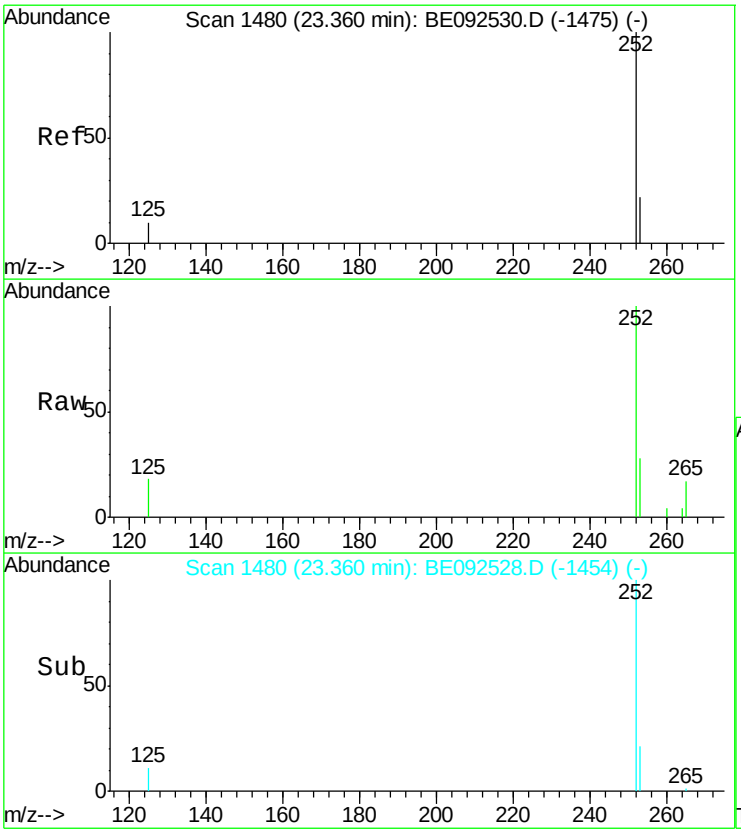
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.09 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 70938

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.1	30.1
265	22.6	17.9	26.9

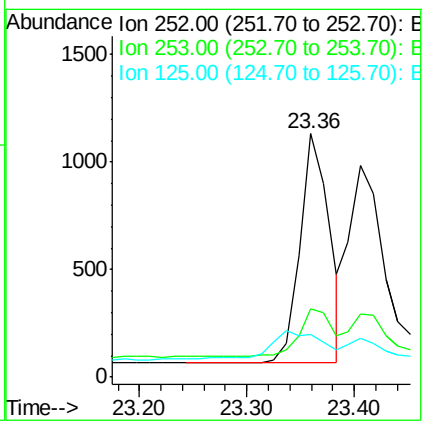


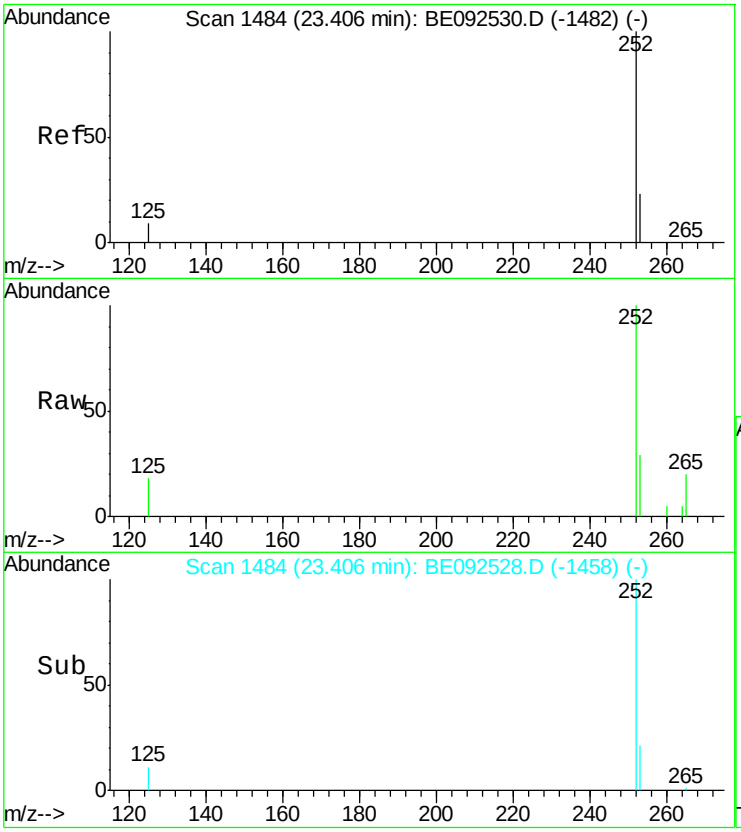


#32
Benzo(b)fluoranthene
Concen: 0.08 ng
RT: 23.36 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Tgt Ion:252 Resp: 2030

Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.7	28.1#
125	17.7	10.5	15.7#



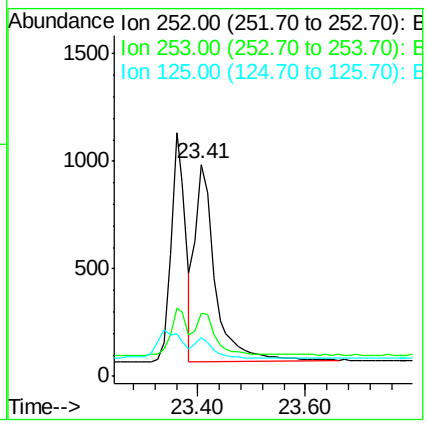


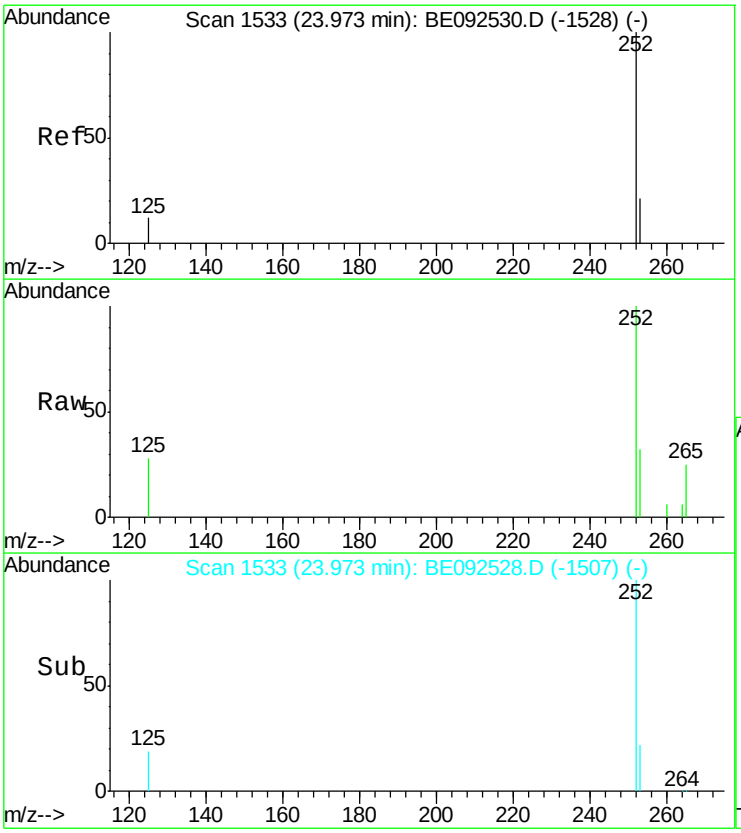
#33
Benzo(k)fluoranthene
Concen: 0.08 ng
RT: 23.41 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2316

Ion	Ratio	Lower	Upper
252	100		
253	29.5	20.3	30.5
125	18.1	9.6	14.4#

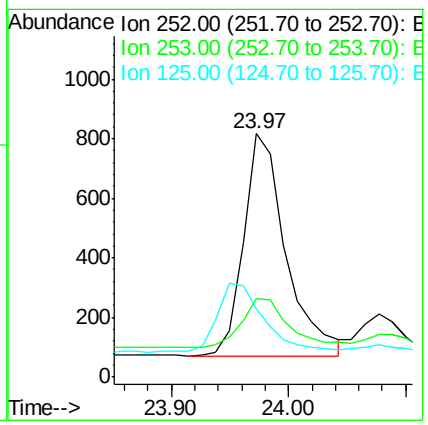


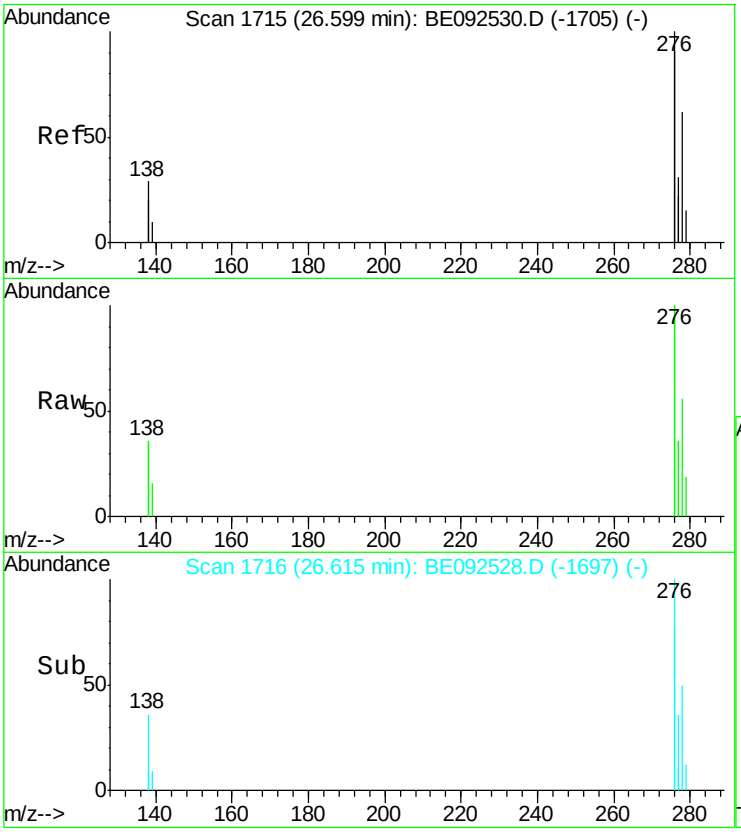


#34
Benzo(a)pyrene
Concen: 0.10 ng
RT: 23.97 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Tgt Ion:252 Resp: 1875

Ion	Ratio	Lower	Upper
252	100		
253	32.4	19.0	28.6#
125	27.9	11.8	17.8#



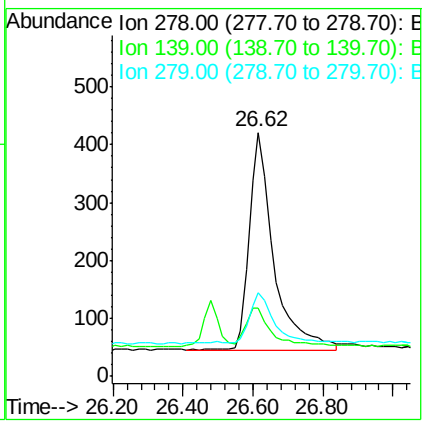


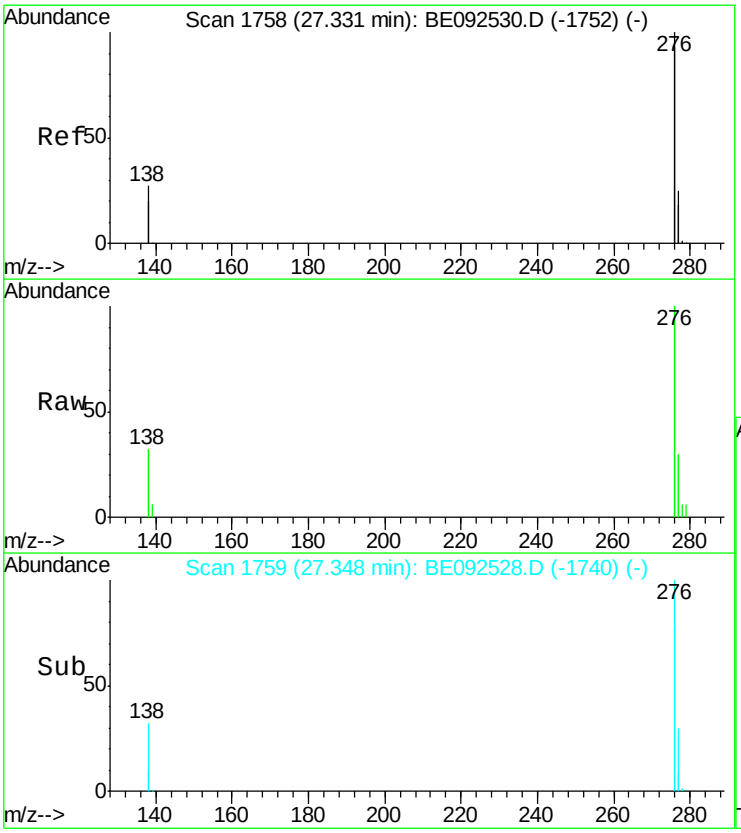
#35
Dibenzo(a,h)anthracene
Concen: 0.11 ng
RT: 26.62 min Scan# 1716
Delta R.T. 0.02 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:278 Resp: 1832

Ion	Ratio	Lower	Upper
278	100		
139	27.8	13.8	20.8#
279	34.2	21.4	32.2#





#36
Benzo(g,h,i)perylene
Concen: 0.11 ng
RT: 27.35 min Scan# 1759
Delta R.T. 0.02 min
Lab File: BE092528.D
Acq: 16 Nov 2016 10:24

Tgt Ion:276 Resp: 7943

Ion	Ratio	Lower	Upper
276	100		
277	30.4	19.8	29.8#
138	32.3	19.8	29.6#