Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050517\
Data File : BE092955.D
Acq On : 6 May 2017 6:58
Operator : SJ/MA
Sample : I2893-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 08 04:29:27 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 14:05:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	903	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	4024	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	2184	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	5179	0.40	ng		0.00
26) Chrysene-d12	21.28	240	6189	0.40	ng		0.00
33) Perylene-d12	23.70	264	5261	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	411	0.20	ng		0.00
5) Phenol-d6	6.94	99	347	0.12	ng		0.00
8) Nitrobenzene-d5	8.90	82	1215	0.45	ng		0.00
11) 2-Methylnaphthalene-d10	12.13	152	2213	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	264	0.77	ng		0.01
15) 2-Fluorobiphenyl	13.01	172	3616	0.36	ng		0.00
24) Fluoranthene-d10	19.15	212	5646	0.47	ng		0.00
28) Terphenyl-d14	19.74	244	3890	0.36	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.61	42	67	0.05	ng	#	1
6) bis(2-Chloroethyl)ether	7.13	93	334	0.10	ng	#	30
9) Naphthalene	10.58	128	355	0.03	ng	#	70
12) 2-Methylnaphthalene	12.19	142	171	0.03	ng	#	75
16) Acenaphthylene	14.10	152	1161	0.03	ng	#	74
17) Acenaphthene	14.45	154	213	0.03	ng	#	57
18) Fluorene	15.43	166	330	0.04	ng	#	52
21) Pentachlorophenol	16.79	266	36	0.21	ng		97
22) Phenanthrene	17.18	178	1368	0.09	ng	#	66
23) Anthracene	17.27	178	373	0.03	ng	#	11
25) Fluoranthene	19.17	202	4080	0.06	ng	#	58
27) Pyrene	19.53	202	7671	0.10	ng	#	47
29) Benzo(a)anthracene	21.27	228	629	0.04	ng	#	1
30) Chrysene	21.27	228	629	0.03	ng	#	1
31) Bis(2-ethylhexyl)phthalate	21.20	149	2905	0.73	ng	#	49

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050517\
Data File : BE092955.D
Acq On : 6 May 2017 6:58
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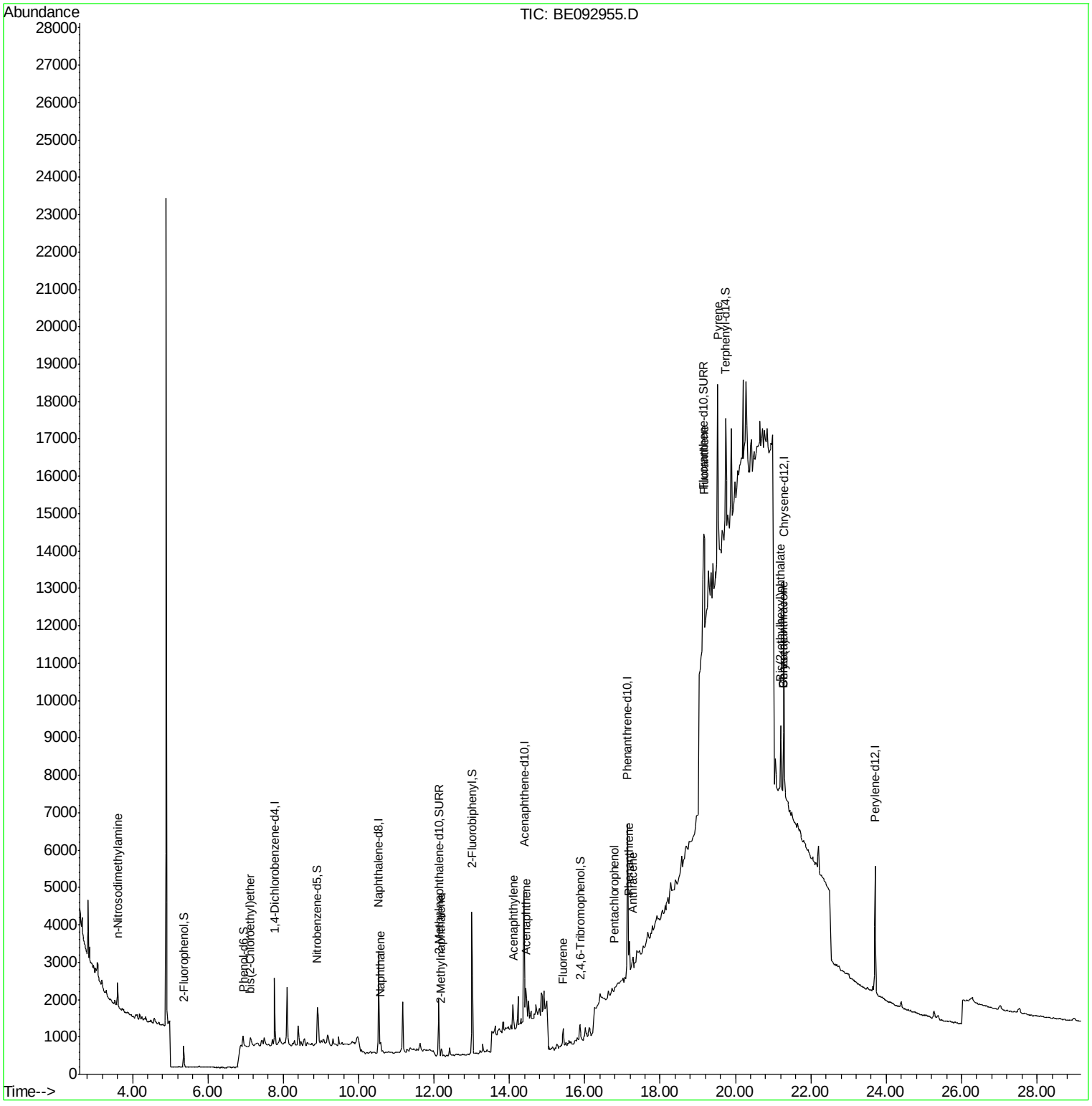
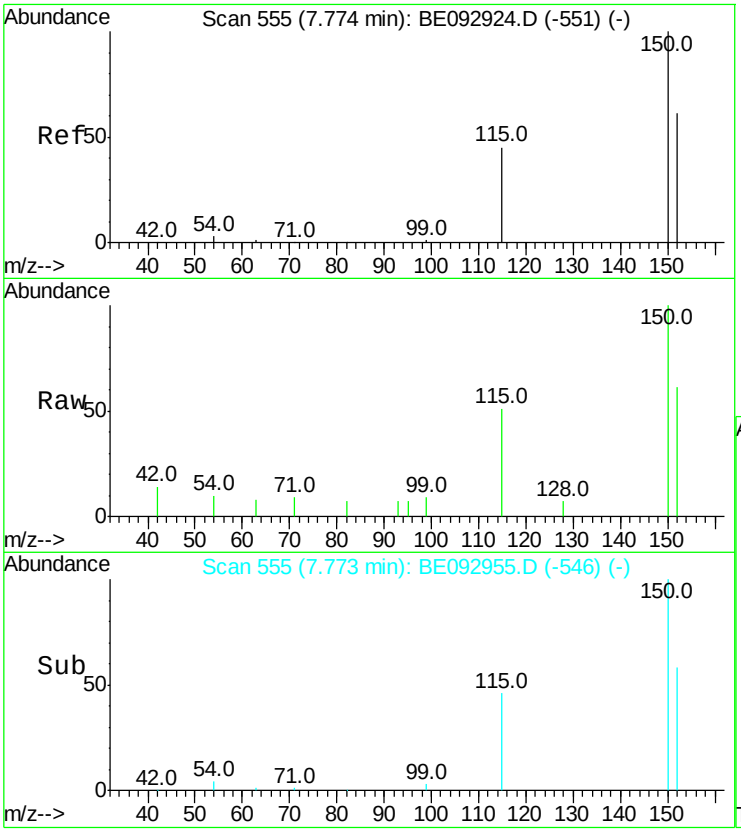
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 08 04:29:27 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 14:05:07 2017
Response via : Initial Calibration



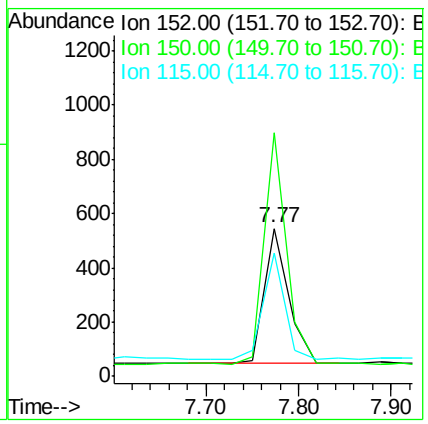


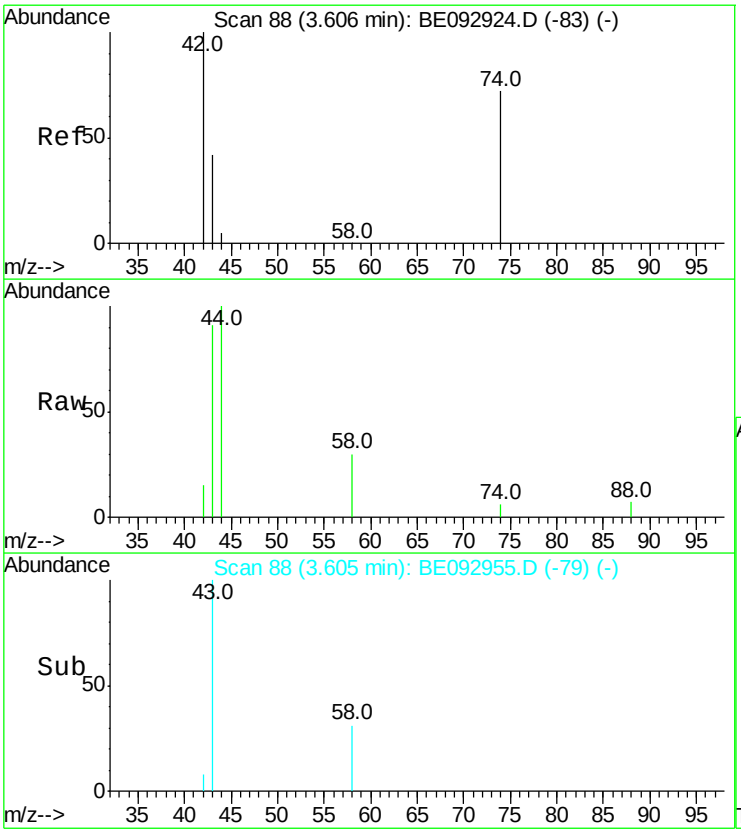
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 903

Ion	Ratio	Lower	Upper
152	100		
150	164.5	129.9	194.9
115	83.2	62.6	93.8

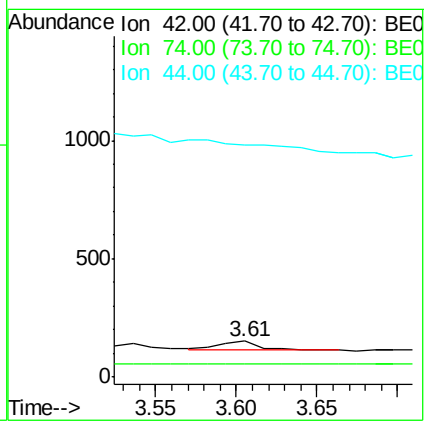


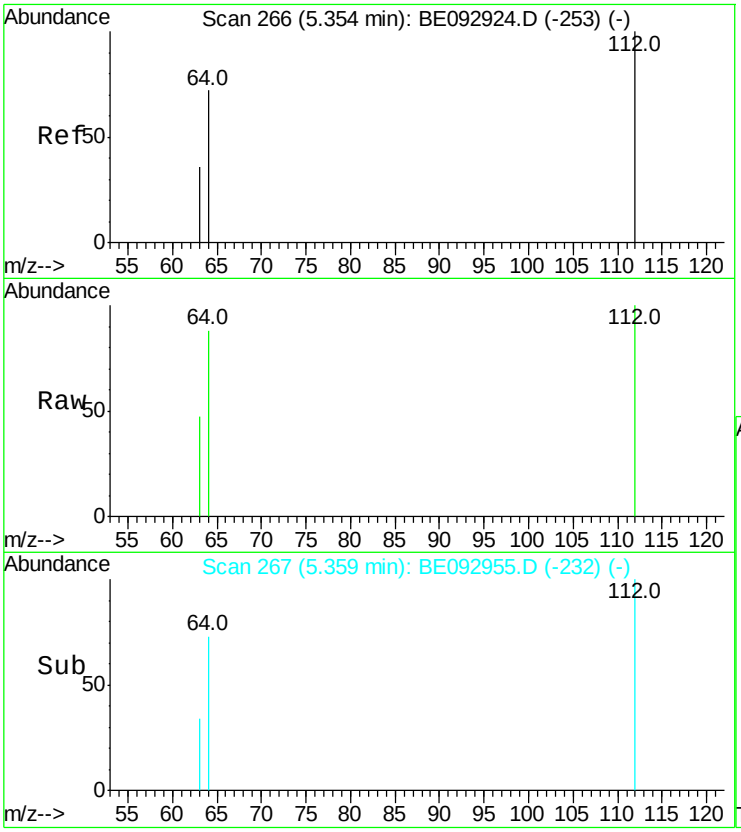


#3
n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Tgt Ion: 42 Resp: 67

Ion	Ratio	Lower	Upper
42	100		
74	0.0	106.6	160.0#
44	0.0	25.7	38.5#

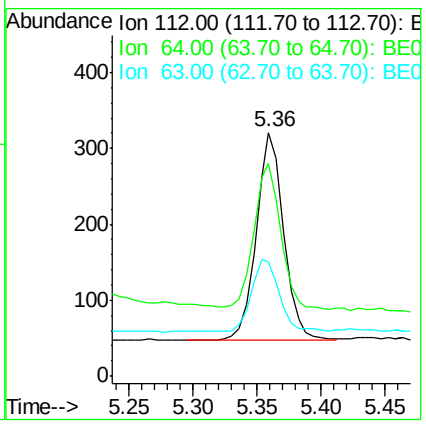




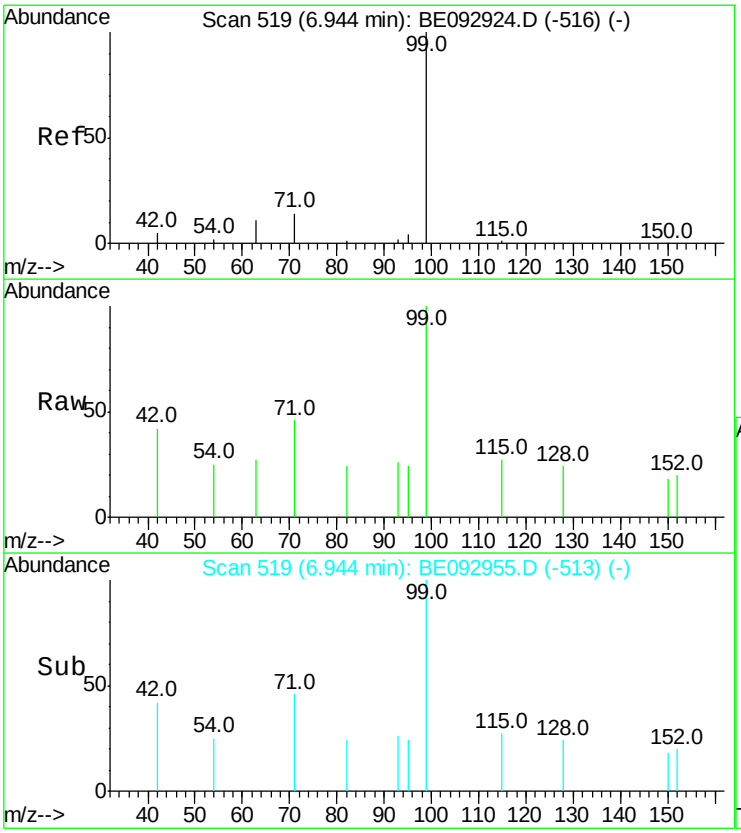
#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.01 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Tgt Ion:112 Resp: 411

Ion	Ratio	Lower	Upper
112	100		
64	68.4	52.6	79.0
63	34.8	29.0	43.4



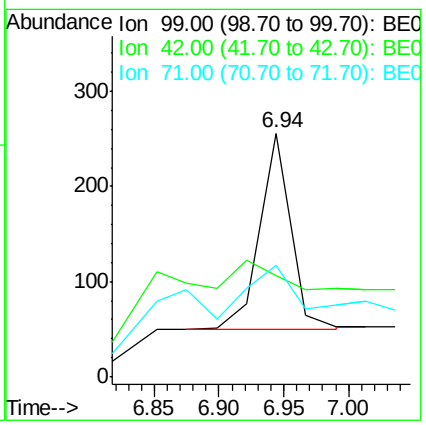
Instrument :
BNA_E
ClientSampleId :

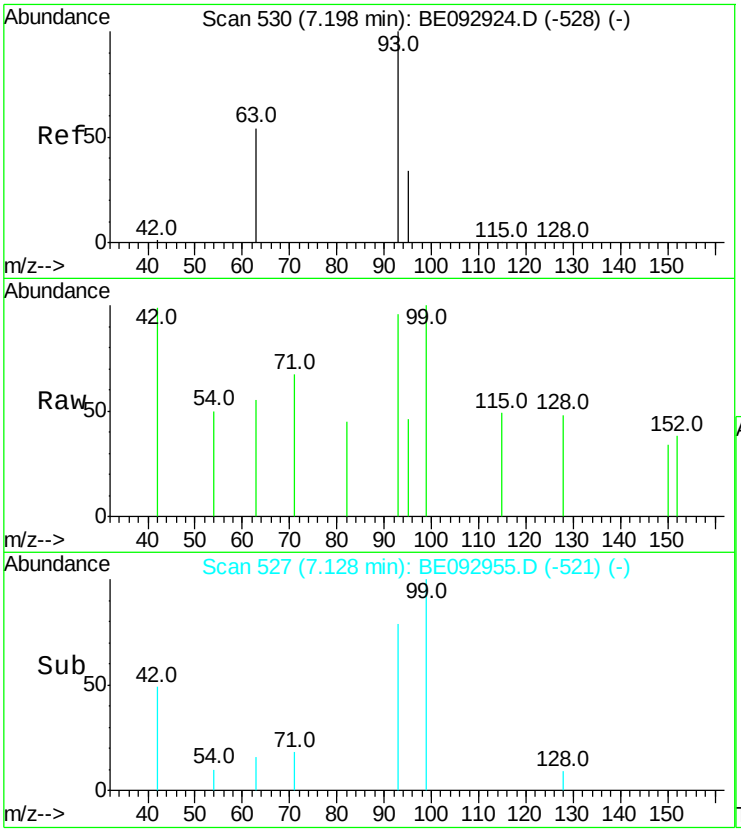


#5
Phenol-d6
Concen: 0.12 ng
RT: 6.94 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Tgt Ion: 99 Resp: 347

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	23.1	0.0	0.0#



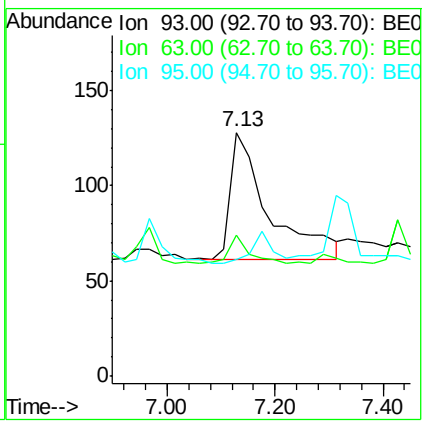


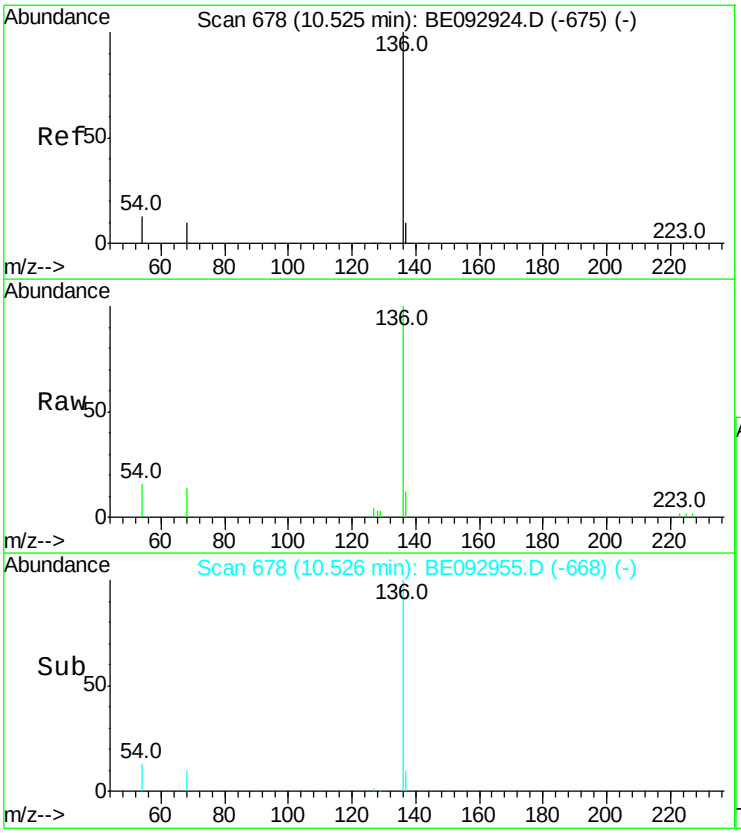
#6
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 7.13 min Scan# 527
Delta R.T. -0.07 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 334

Ion	Ratio	Lower	Upper
93	100		
63	11.7	61.2	91.8#
95	0.0	25.5	38.3#

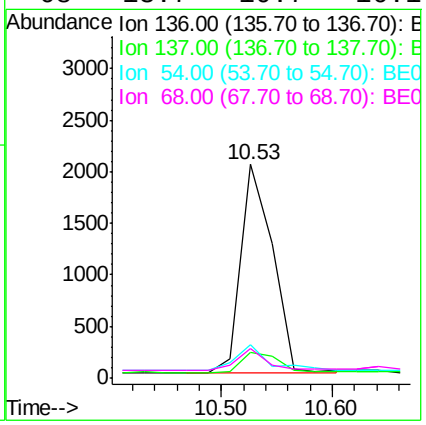


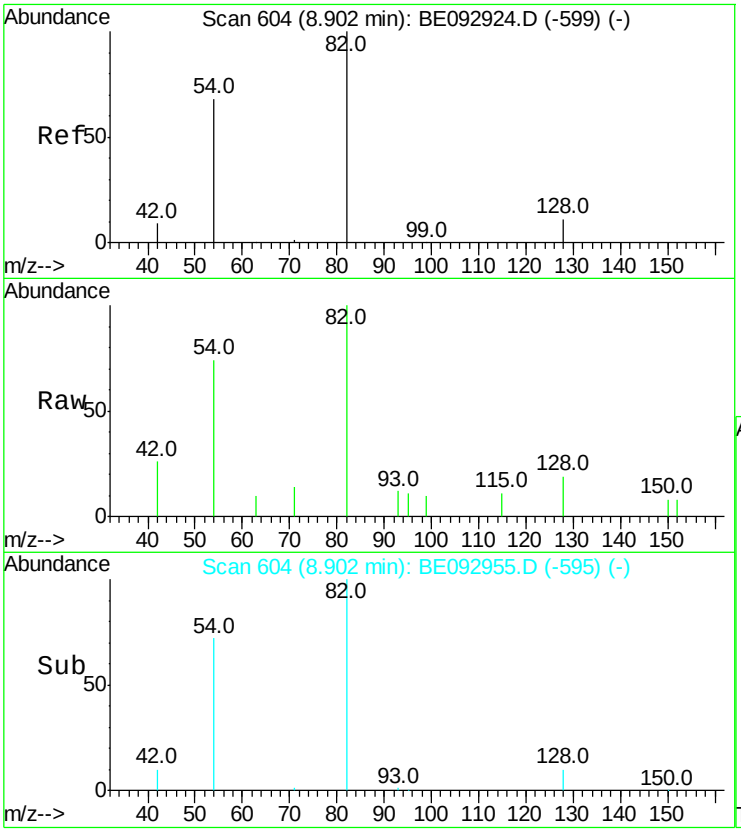


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. 0.00 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Tgt Ion:136 Resp: 4024

Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.4	15.6
54	15.5	12.6	18.8
68	13.7	10.7	16.1



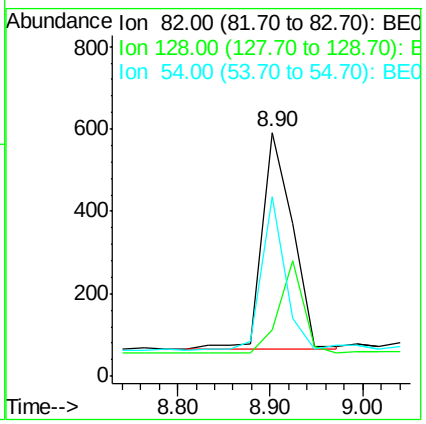


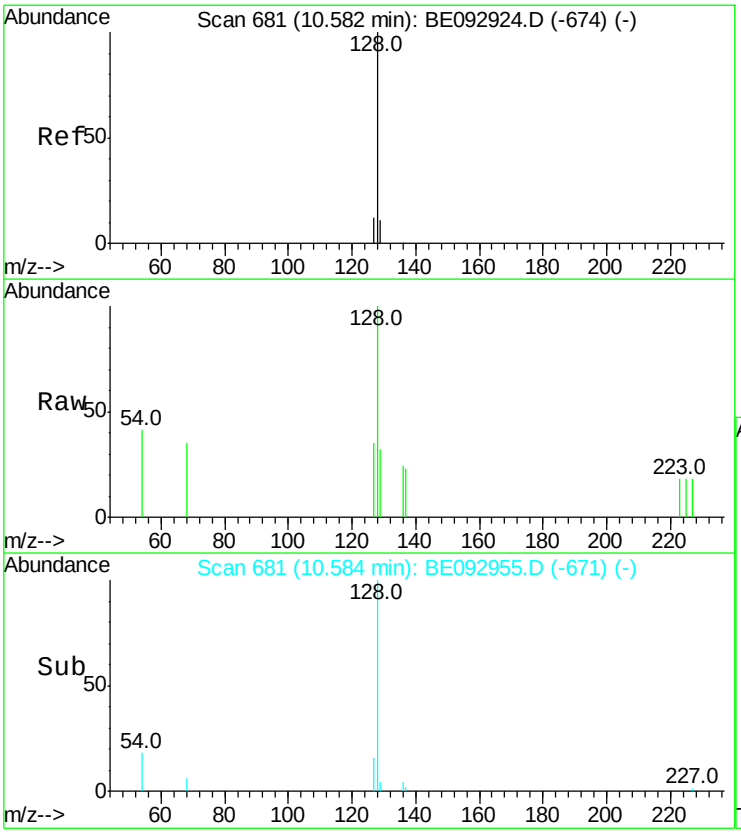
#8
Nitrobenzene-d5
Concen: 0.45 ng
RT: 8.90 min Scan# 604
Delta R.T. -0.00 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 1215

Ion	Ratio	Lower	Upper
82	100		
128	19.1	35.3	52.9#
54	73.6	65.1	97.7

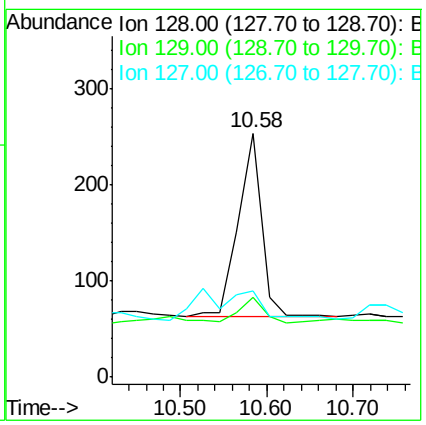


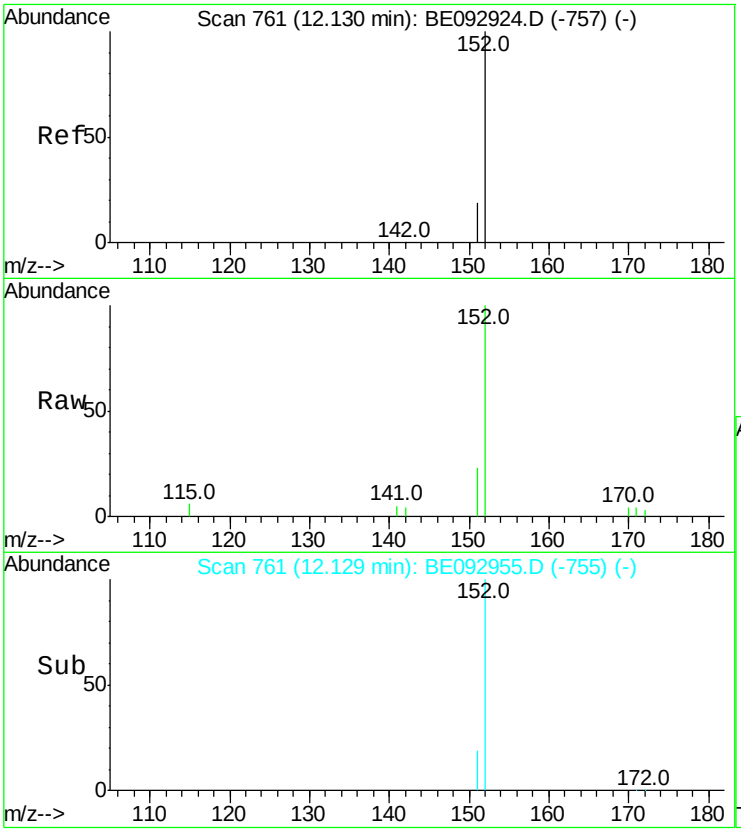


#9
Naphthalene
Concen: 0.03 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Tgt Ion:128 Resp: 355

Ion	Ratio	Lower	Upper
128	100		
129	32.4	15.8	23.8#
127	35.2	16.0	24.0#



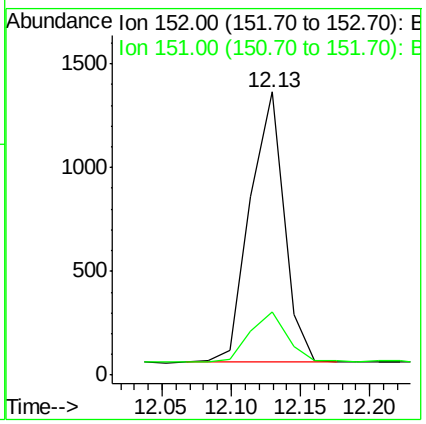


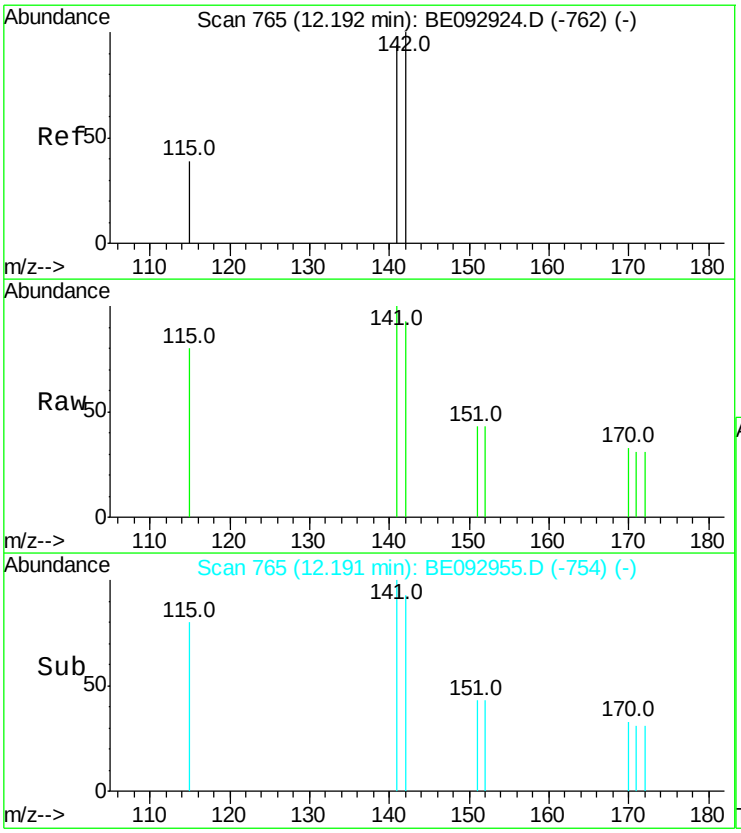
#11
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 12.13 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2213

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.7	23.5

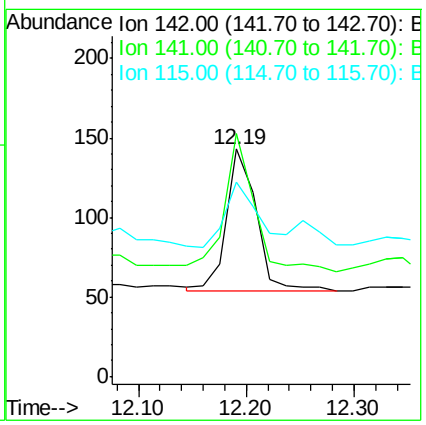


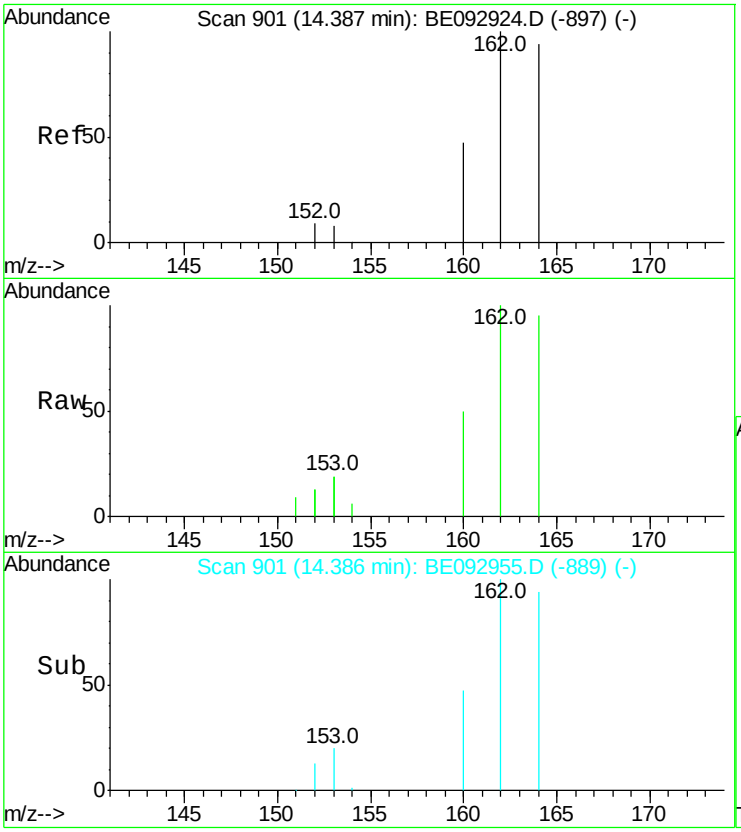


#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Tgt Ion:142 Resp: 171

Ion	Ratio	Lower	Upper
142	100		
141	107.0	76.0	114.0
115	85.3	41.6	62.4#



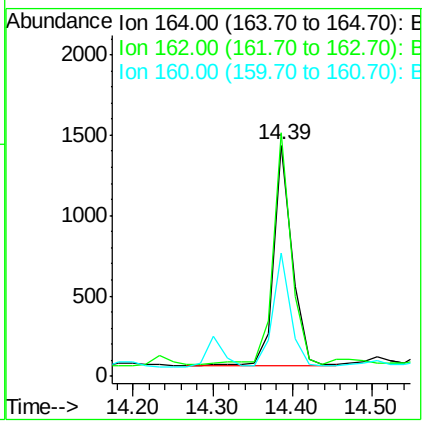


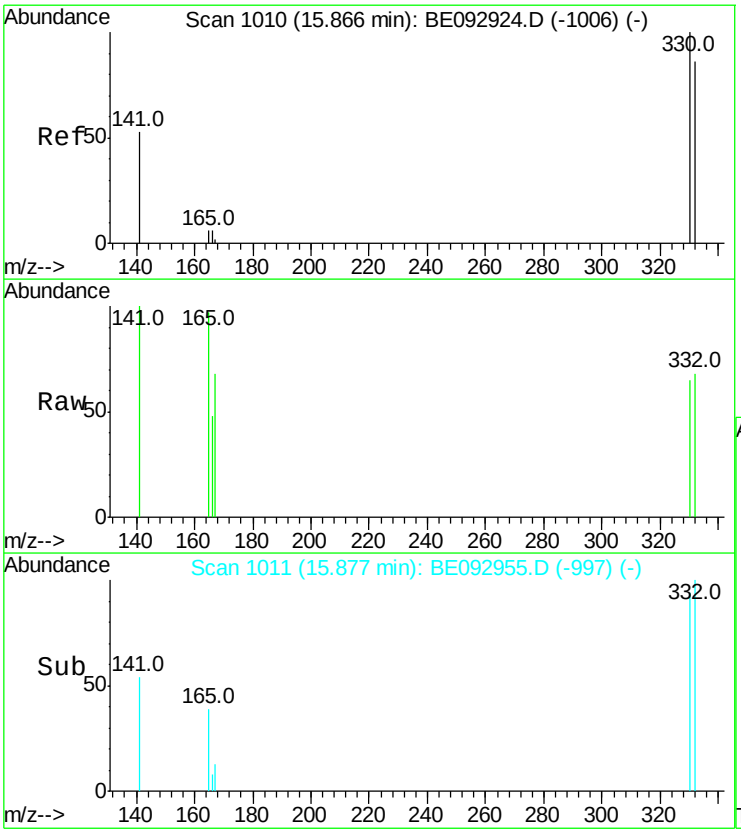
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2184

Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.6	130.0
160	53.1	44.5	66.7

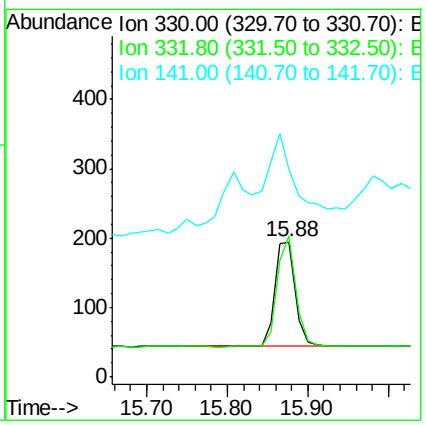


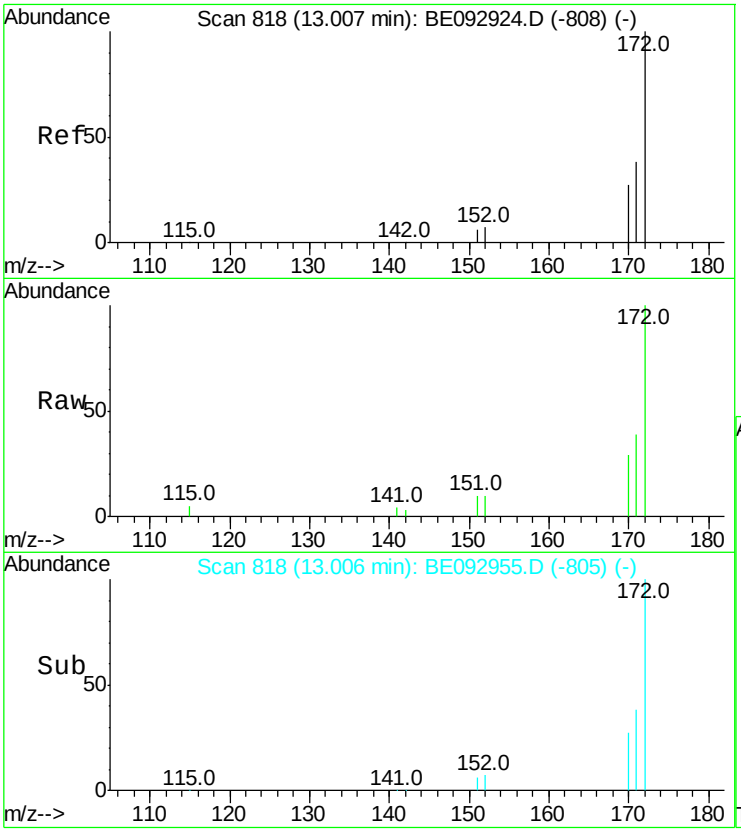


#14
2,4,6-Tribromophenol
Concen: 0.77 ng
RT: 15.88 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Tgt Ion:330 Resp: 264

Ion	Ratio	Lower	Upper
330	100		
332	99.6	69.1	103.7
141	100.4	54.6	81.8#



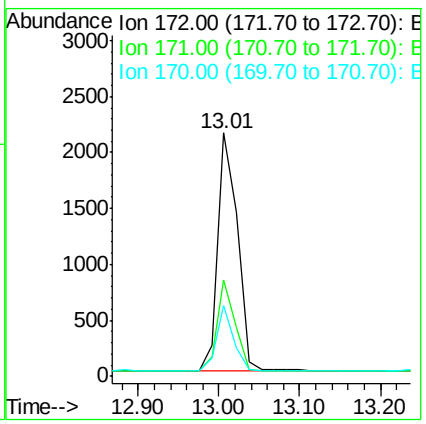


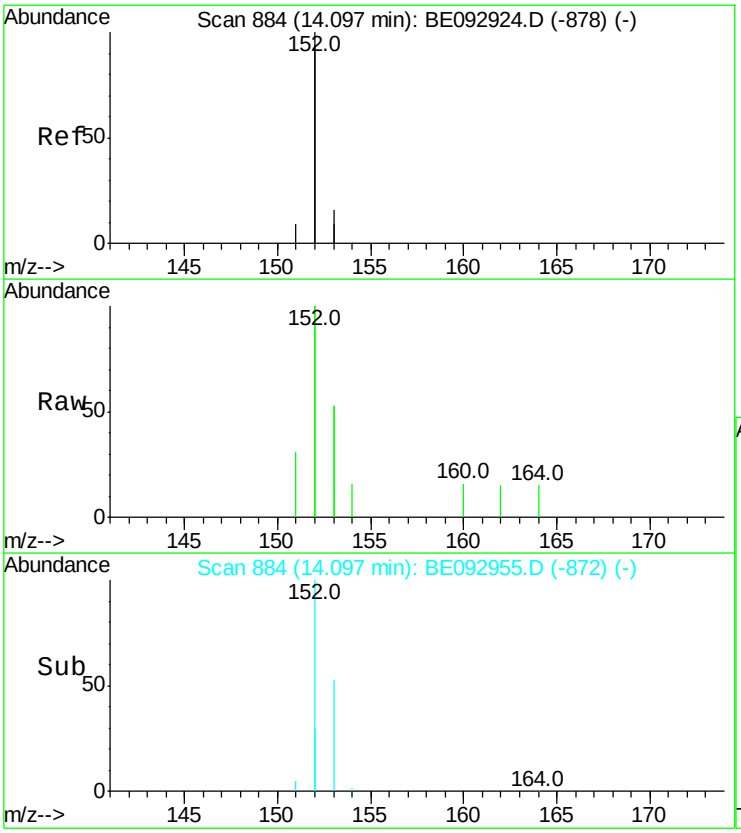
#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 3616

Ion	Ratio	Lower	Upper
172	100		
171	39.4	35.8	53.6
170	29.1	28.5	42.7

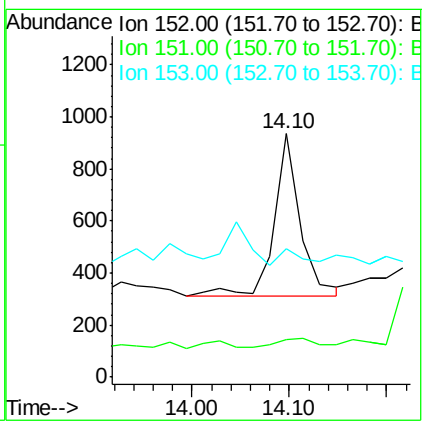


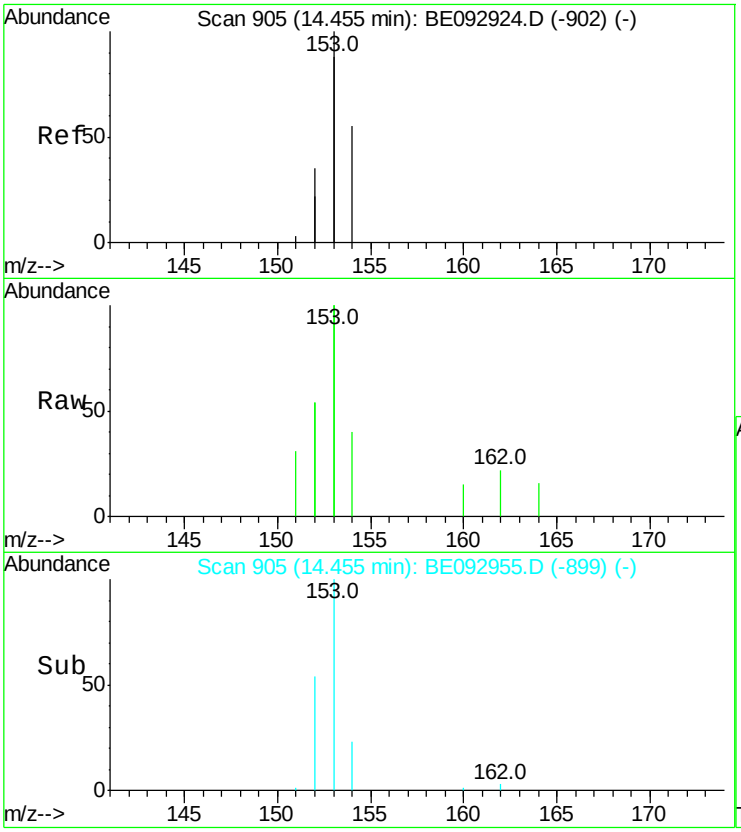


#16
Acenaphthylene
Concen: 0.03 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Tgt Ion:152 Resp: 1161

Ion	Ratio	Lower	Upper
152	100		
151	9.0	3.8	5.8#
153	0.0	10.0	15.0#



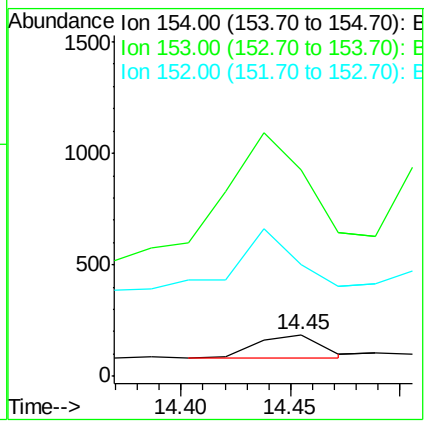


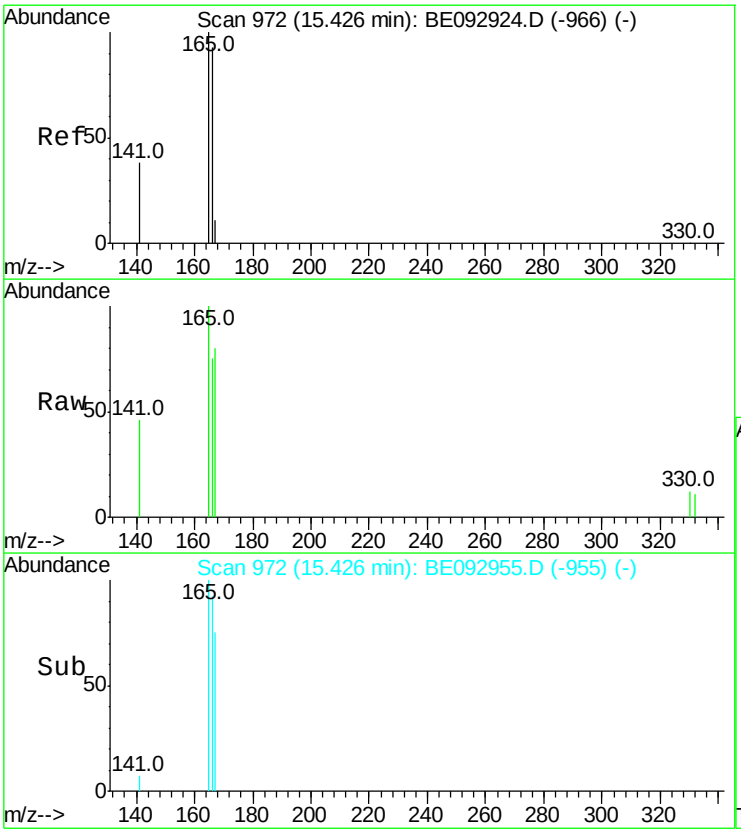
#17
Acenaphthene
Concen: 0.03 ng
RT: 14.45 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 213

Ion	Ratio	Lower	Upper
154	100		
153	604.7	355.6	533.4#
152	228.6	177.8	266.8

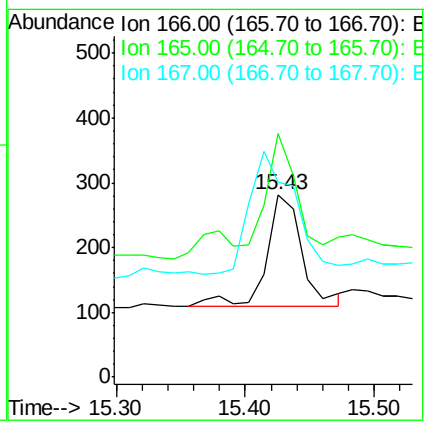


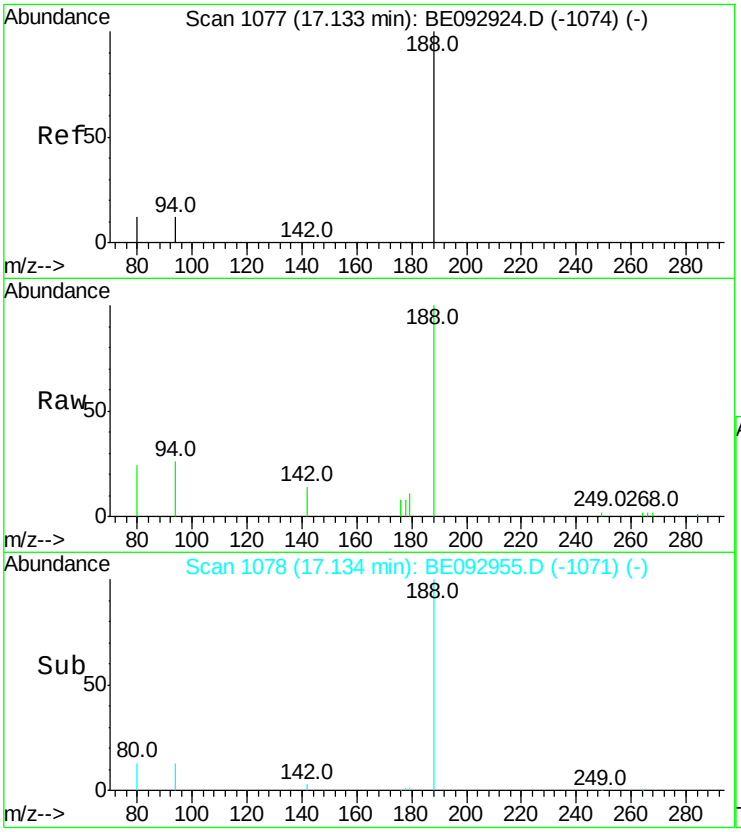


#18
Fluorene
Concen: 0.04 ng
RT: 15.43 min Scan# 972
Delta R.T. -0.00 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Tgt Ion:166 Resp: 330

Ion	Ratio	Lower	Upper
166	100		
165	90.3	80.7	121.1
167	143.3	11.3	16.9#



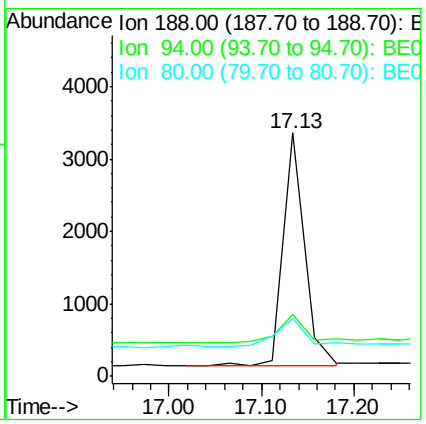


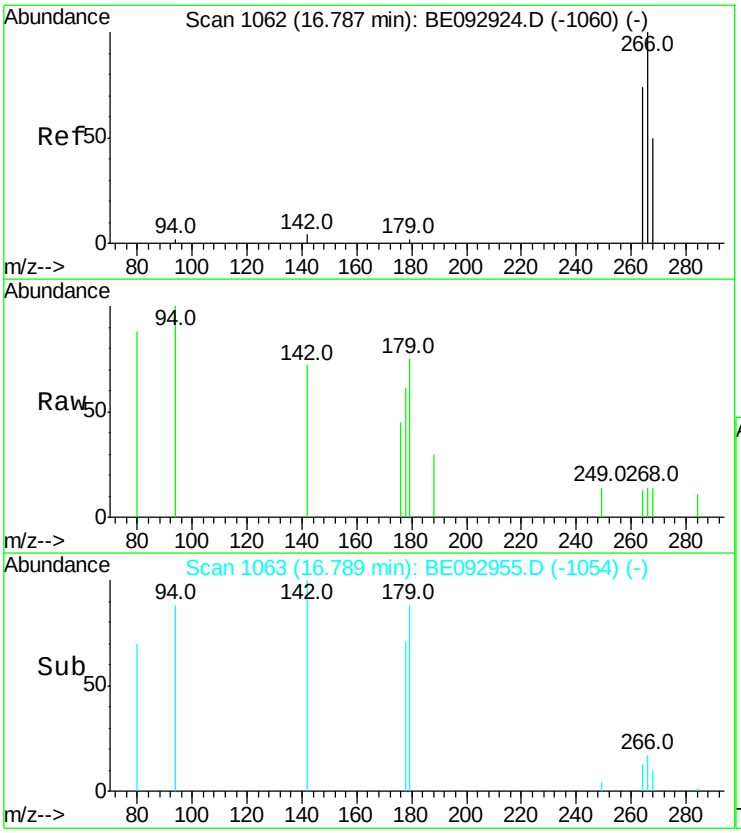
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5179

Ion	Ratio	Lower	Upper
188	100		
94	25.6	10.2	15.4#
80	23.9	10.6	15.8#

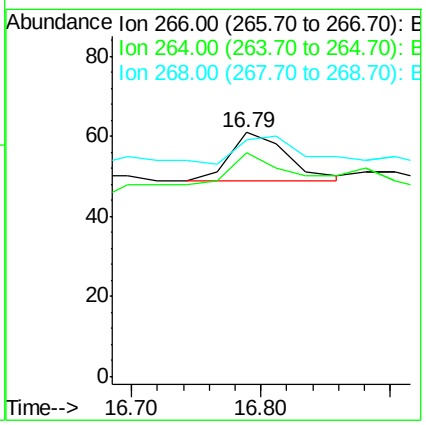


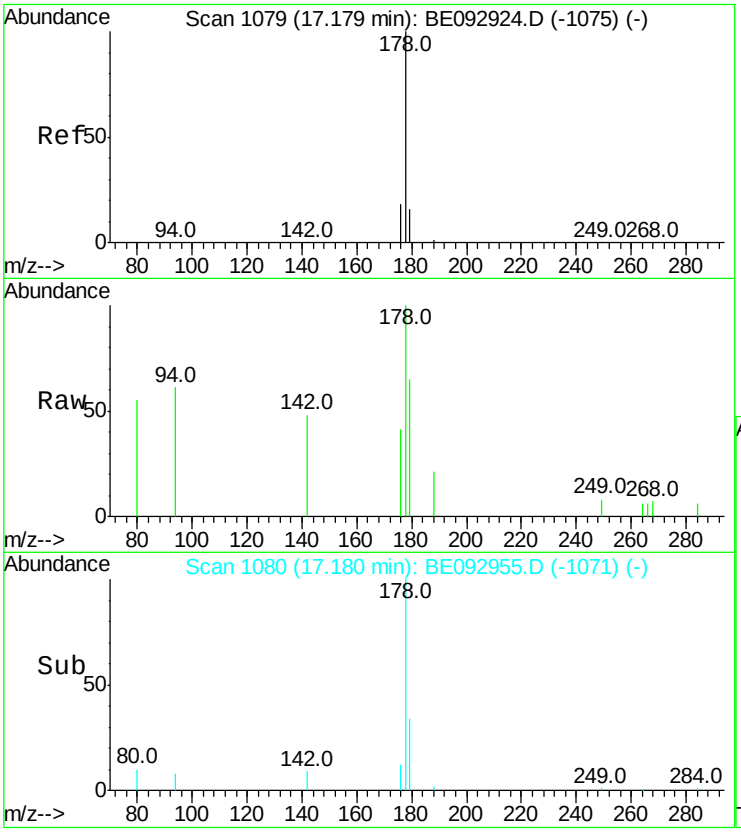


#21
Pentachlorophenol
Concen: 0.21 ng
RT: 16.79 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Tgt Ion:266 Resp: 36

Ion	Ratio	Lower	Upper
266	100		
264	91.8	75.4	113.2
268	96.7	75.4	113.2



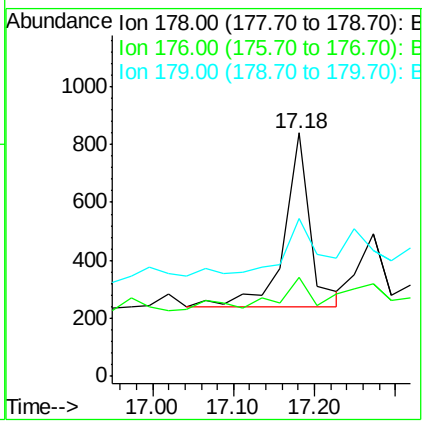


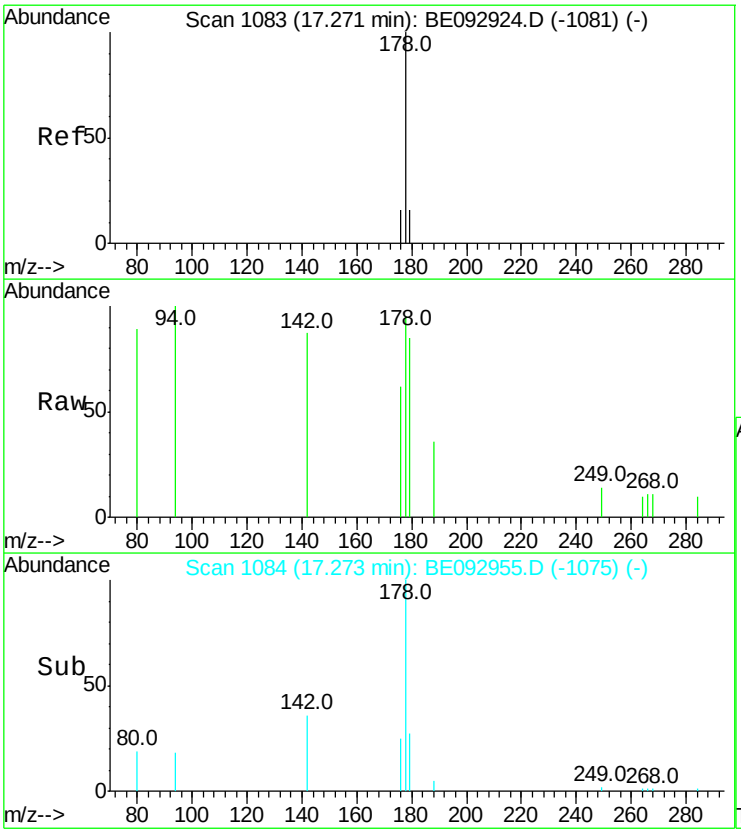
#22
Phenanthrene
Concen: 0.09 ng
RT: 17.18 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 1368

Ion	Ratio	Lower	Upper
178	100		
176	16.7	14.2	21.4
179	46.3	13.6	20.4#

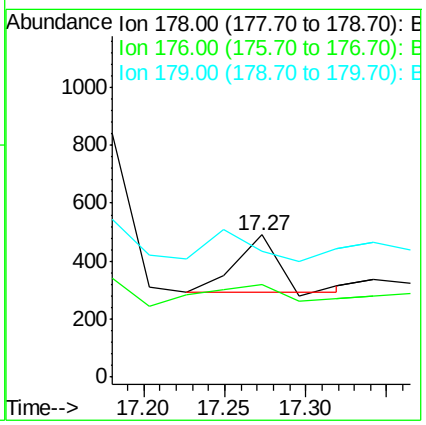


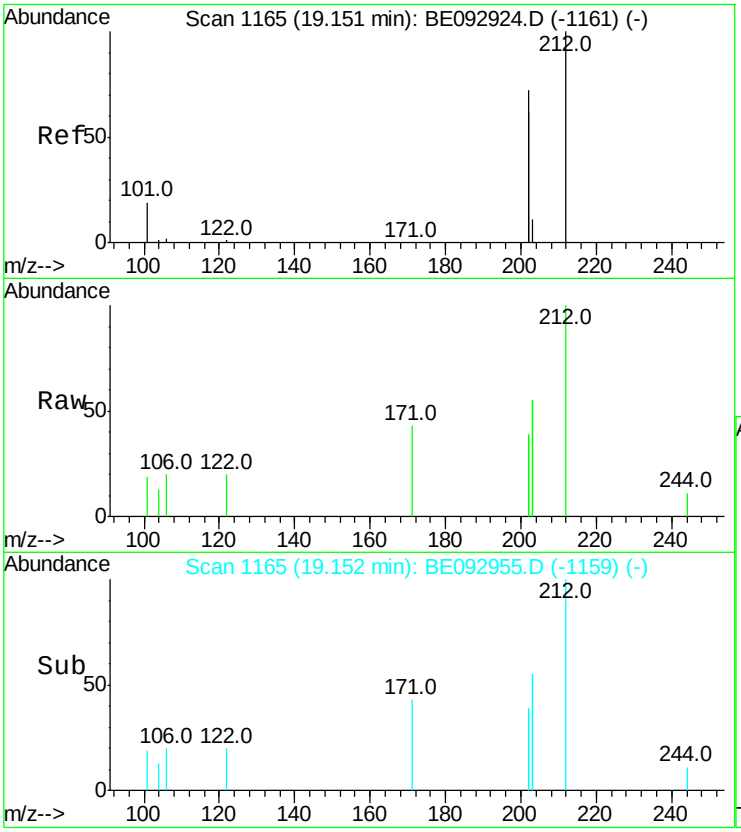


#23
Anthracene
Concen: 0.03 ng
RT: 17.27 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Tgt Ion:178 Resp: 373

Ion	Ratio	Lower	Upper
178	100		
176	78.3	14.7	22.1#
179	0.0	12.8	19.2#



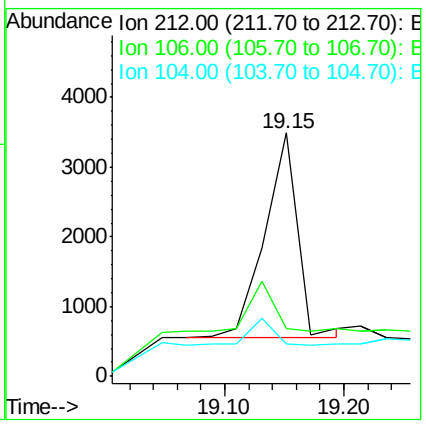


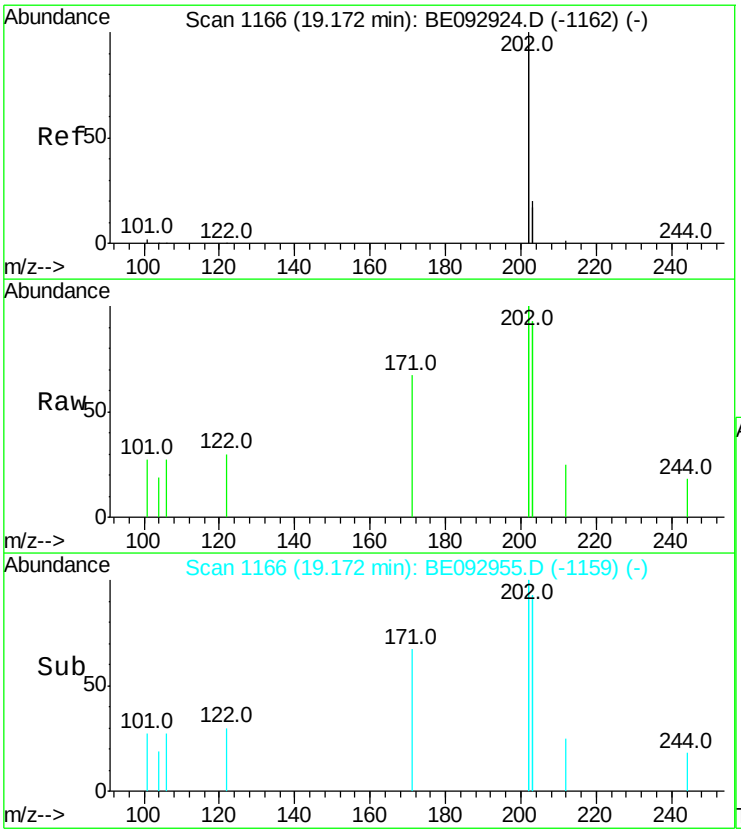
#24
Fluoranthene-d10
Concen: 0.47 ng
RT: 19.15 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 5646

Ion	Ratio	Lower	Upper
212	100		
106	0.0	0.0	0.0
104	0.0	0.0	0.0

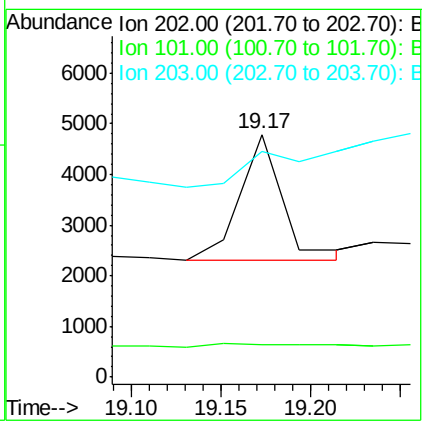


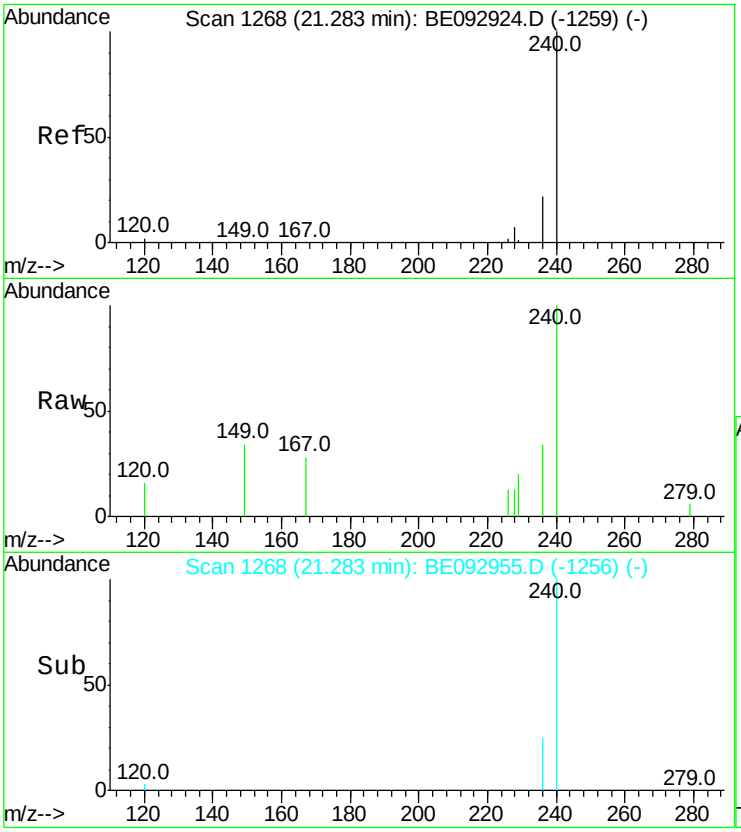


#25
Fluoranthene
Concen: 0.06 ng
RT: 19.17 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Tgt Ion:202 Resp: 4080

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	0.0	15.3	22.9#



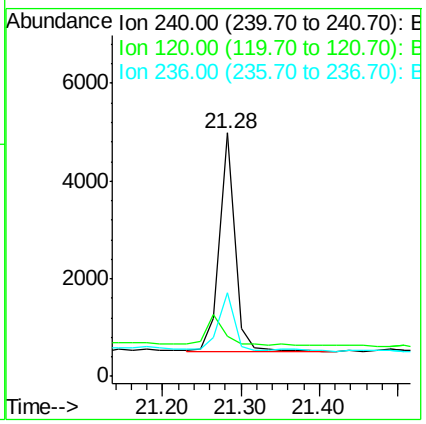


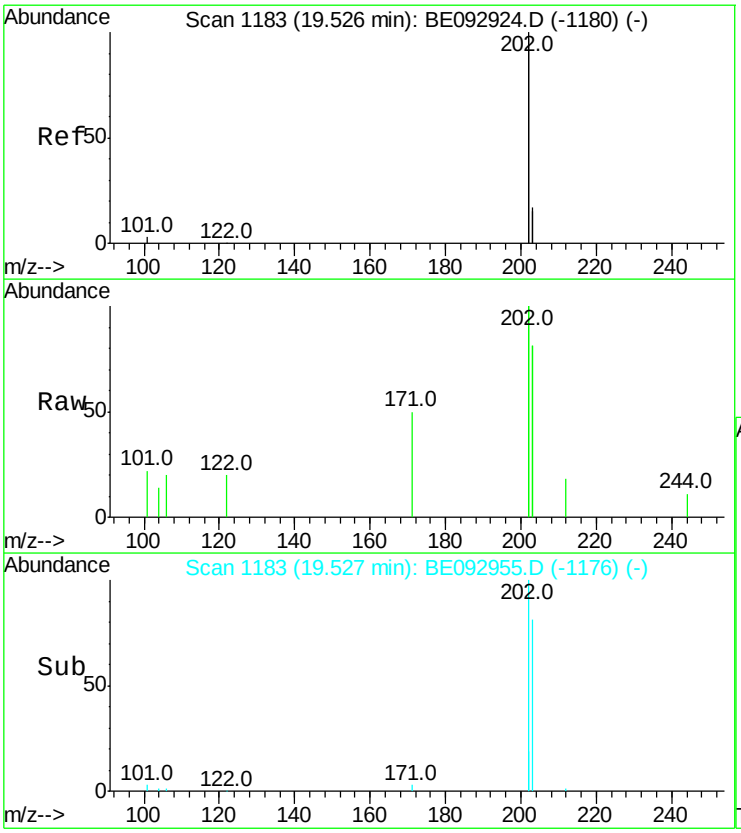
#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6189

Ion	Ratio	Lower	Upper
240	100		
120	16.2	4.6	6.8#
236	34.4	19.8	29.8#

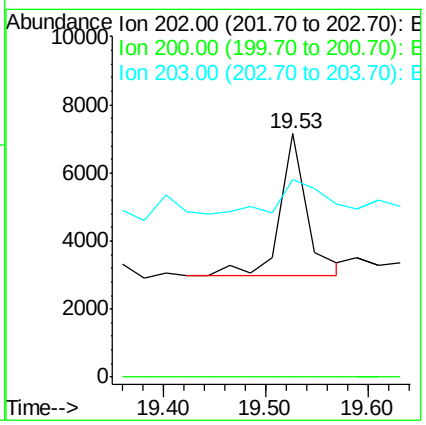


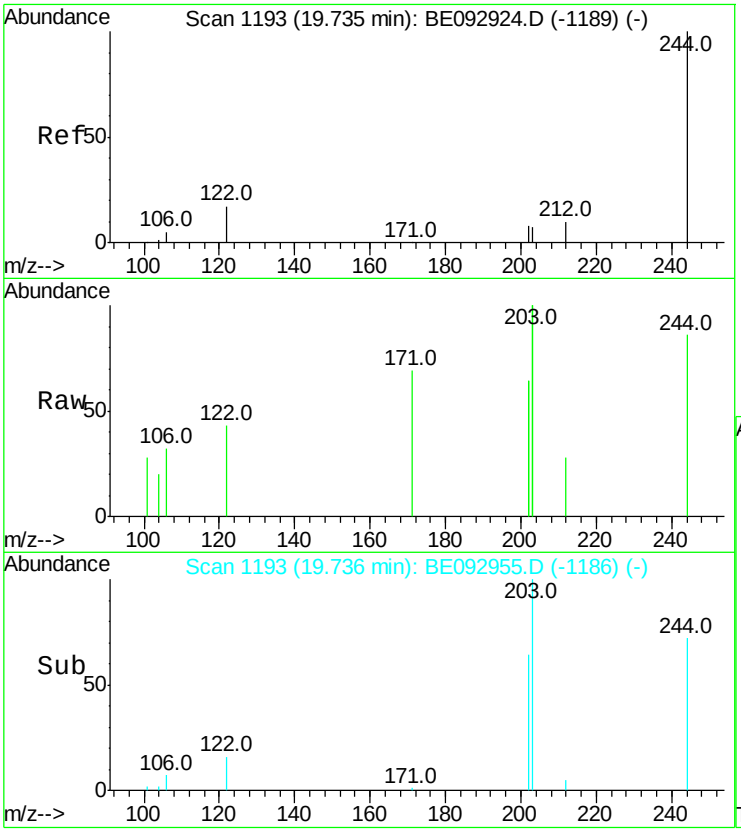


#27
Pyrene
Concen: 0.10 ng
RT: 19.53 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Tgt Ion:202 Resp: 7671

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	39.9	13.5	20.3#



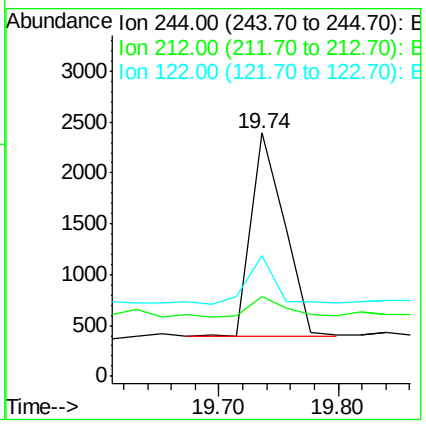


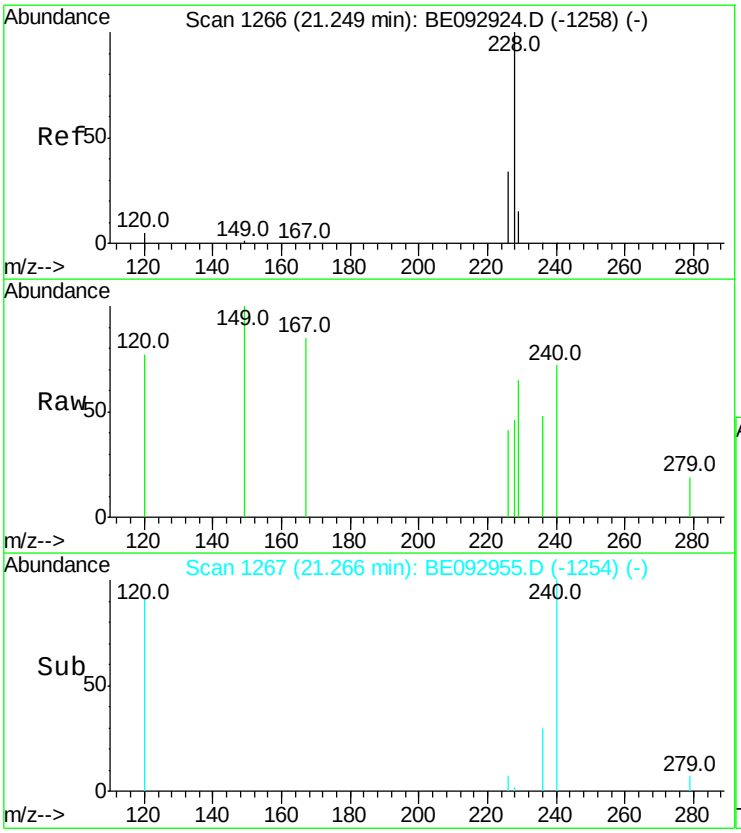
#28
Terphenyl-d14
Concen: 0.36 ng
RT: 19.74 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 3890

Ion	Ratio	Lower	Upper
244	100		
212	32.6	18.4	27.6#
122	49.4	23.3	34.9#

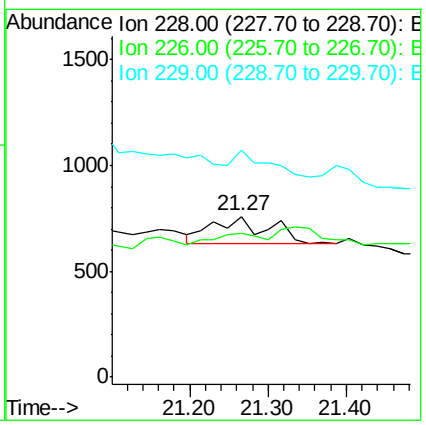


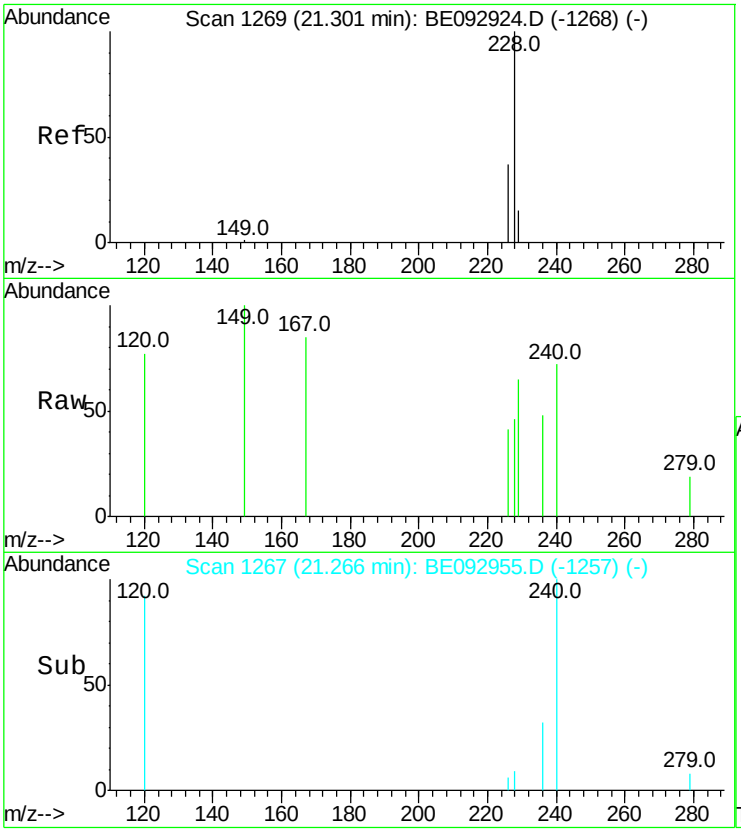


#29
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.27 min Scan# 1267
Delta R.T. 0.02 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Tgt Ion:228 Resp: 629

Ion	Ratio	Lower	Upper
228	100		
226	89.3	32.0	48.0#
229	141.1	21.4	32.0#



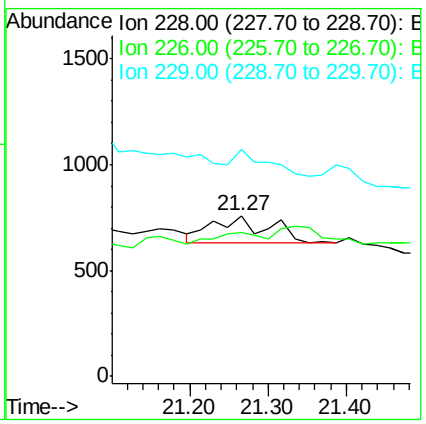


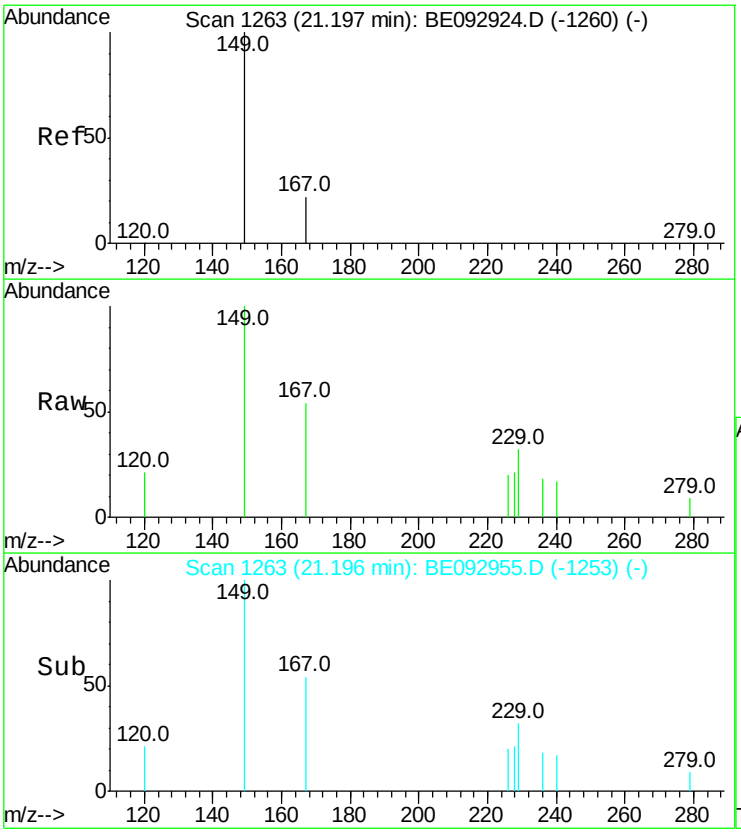
#30
Chrysene
Concen: 0.03 ng
RT: 21.27 min Scan# 1267
Delta R.T. -0.04 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 629

Ion	Ratio	Lower	Upper
228	100		
226	89.3	34.2	51.2#
229	141.1	18.6	28.0#

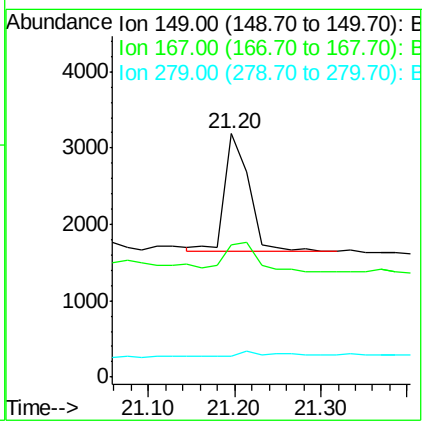


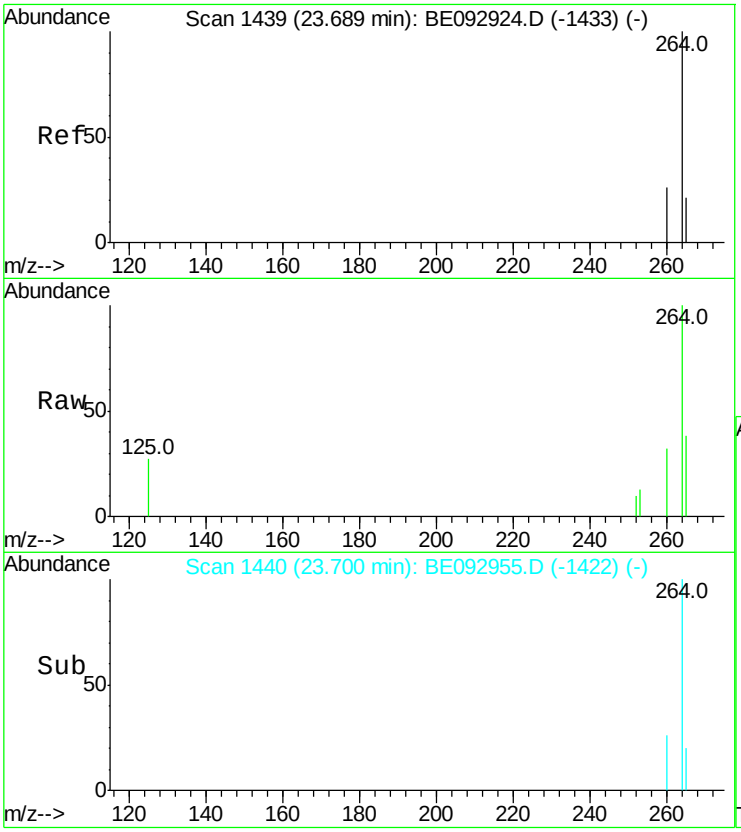


#31
Bis(2-ethylhexyl)phthalate
Concen: 0.73 ng
RT: 21.20 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Tgt Ion:149 Resp: 2905

Ion	Ratio	Lower	Upper
149	100		
167	0.0	20.9	31.3#
279	0.0	0.0	0.0





#33
Perylene-d12
Concen: 0.40 ng
RT: 23.70 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BE092955.D
Acq: 6 May 2017 6:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 5261

Ion	Ratio	Lower	Upper
264	100		
260	31.6	23.5	35.3
265	38.1	27.2	40.8