Data Path : Z:\HPCHEM1\BNA E\DATA\BE022817\
Data File : BE092765.D
Acq On : 28 Feb 2017 16:22
Operator : SJ/MA
Sample : I2006-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C19013051

Quant Time: Mar 01 08:06:19 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE021517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 17:05:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	10740	5.00 ng	-0.02
7) Naphthalene-d8	10.87	136	46123	5.00 ng	-0.02
12) Acenaphthene-d10	14.75	164	29163	5.00 ng	-0.02
18) Phenanthrene-d10	17.51	188	71326	5.00 ng	0.00
24) Chrysene-d12	21.68	240	103295	5.00 ng	-0.02
31) Perylene-d12	24.01	264	88339	5.00 ng	-0.02
System Monitoring Compounds					
4) 2-Fluorophenol	5.60	112	11233	5.38 ng	-0.03
5) Phenol-d6	7.27	99	8680	3.39 ng	-0.04
8) Nitrobenzene-d5	9.27	82	15572	5.00 ng	-0.04
13) 2,4,6-Tribromophenol	16.24	330	11888	19.21 ng	-0.04
14) 2-Fluorobiphenyl	13.36	172	40329	5.67 ng	-0.04
26) Terphenyl-d14	20.10	244	67174	5.10 ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc Units		Qvalue
3) n-Nitrosodimethylamine	3.73	42	26	0.22 ng	#	16
9) Naphthalene	10.91	128	16502	1.65 ng	#	88
11) 2-Methylnaphthalene	12.55	142	5830	0.93 ng		92
15) Acenaphthylene	14.46	152	6488	0.15 ng	#	1
16) Acenaphthene	14.82	154	7470	1.17 ng	#	75
17) Fluorene	15.80	166	15438	1.88 ng	#	97
20) Pentachlorophenol	17.19	266	203	0.50 ng		95
21) Phenanthrene	17.53	178	2783	0.16 ng	#	76
22) Anthracene	17.62	178	1512	0.10 ng	#	84
27) Benzo(a)anthracene	21.68	228	2125	0.02 ng	#	67
29) Bis(2-ethylhexyl)phthalate	21.59	149	6819	0.55 ng	#	73
30) Indeno(1,2,3-cd)pyrene	26.50	276	1278	0.04 ng		99
32) Benzo(b)fluoranthene	23.30	252	150	0.04 ng	#	1
35) Dibenzo(a,h)anthracene	26.51	278	304	0.02 ng	#	3

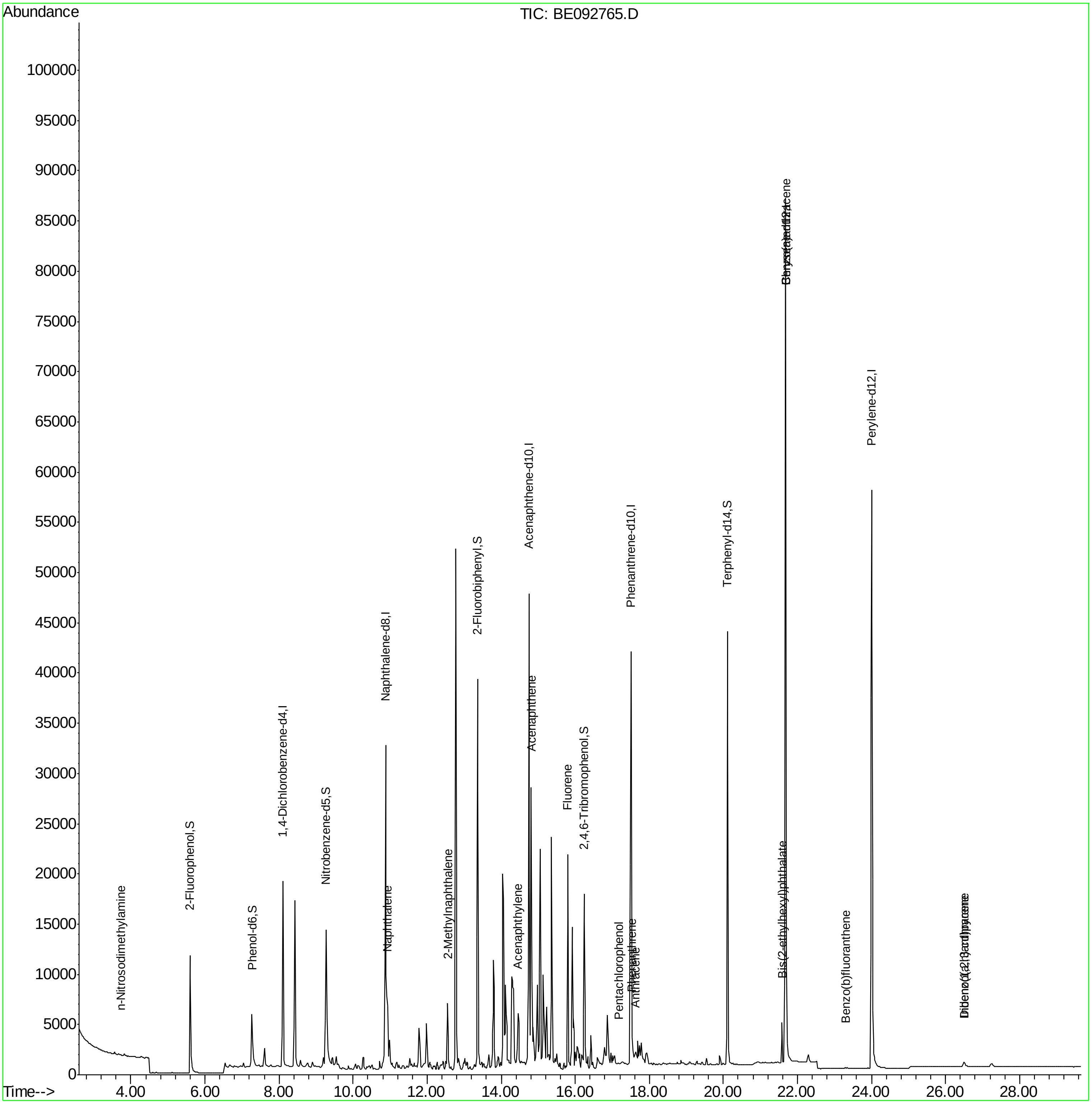
(#) = qualifier out of range (m) = manual integration (+) = signals summed

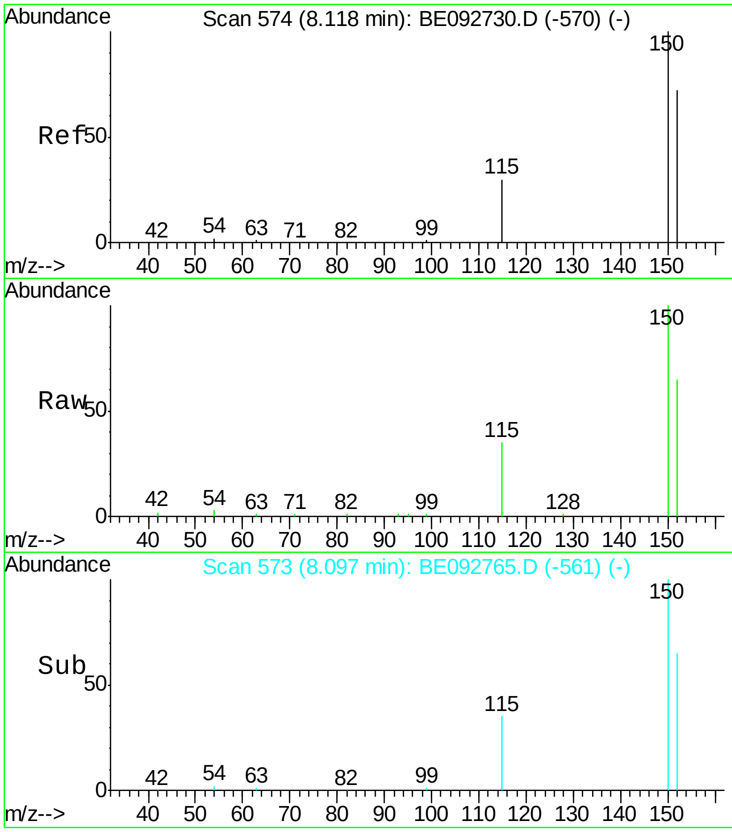
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022817\
Data File : BE092765.D
Acq On : 28 Feb 2017 16:22
Operator : SJ/MA
Sample : I2006-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C19013051

Quant Time: Mar 01 08:06:19 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE021517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 17:05:20 2017
Response via : Initial Calibration



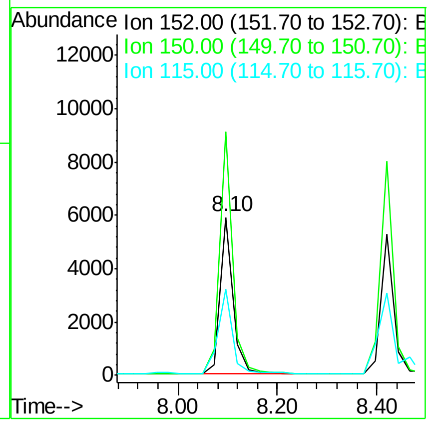


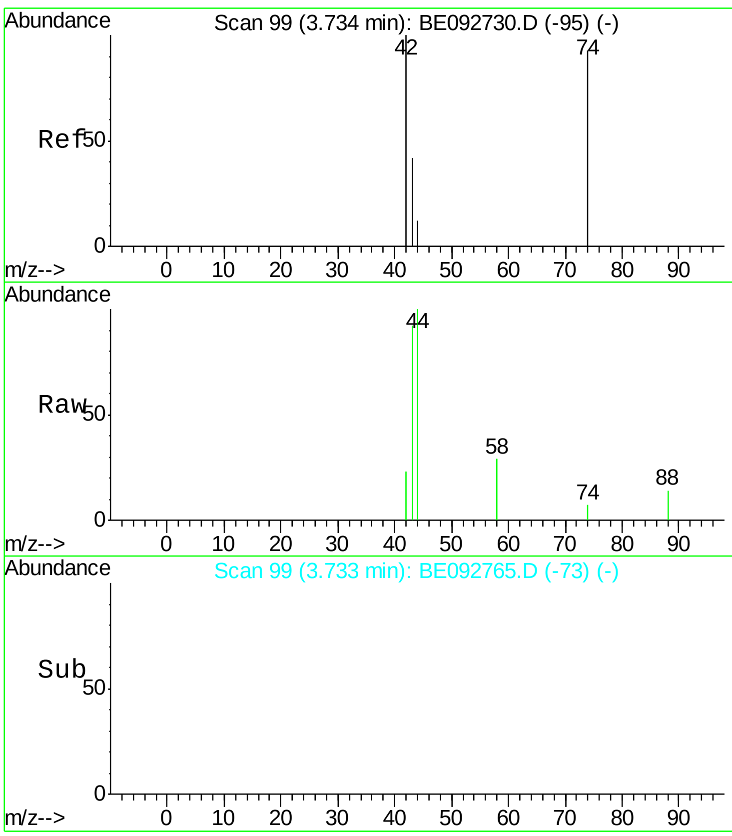
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.10 min Scan# 573
Delta R.T. -0.02 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Instrument :
BNA_E
ClientSampleId :
C19013051

Tgt Ion:152 Resp: 10740

Ion	Ratio	Lower	Upper
152	100		
150	153.9	106.0	159.0
115	54.5	31.2	46.8#

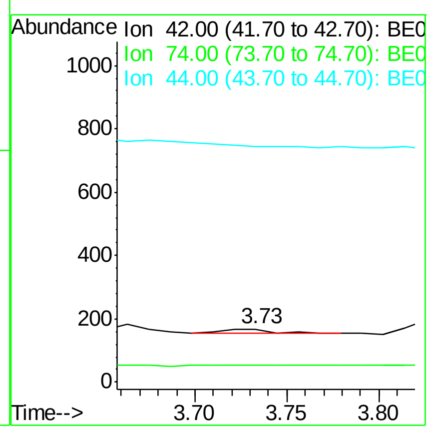


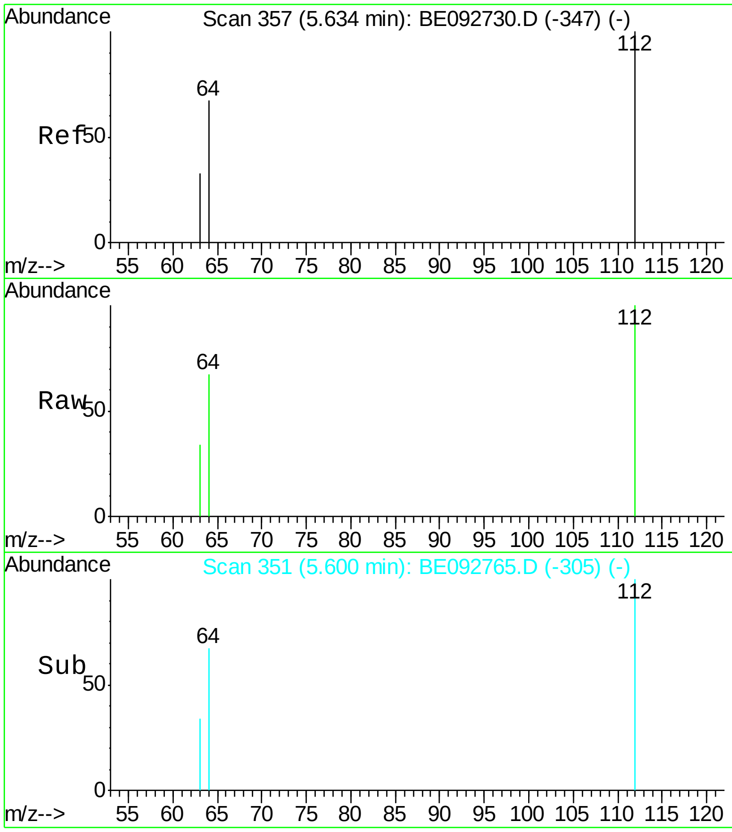


#3
n-Nitrosodimethylamine
Concen: 0.22 ng
RT: 3.73 min Scan# 99
Delta R.T. -0.00 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Tgt Ion: 42 Resp: 26

Ion	Ratio	Lower	Upper
42	100		
74	15.4	86.0	129.0#
44	0.0	5.1	7.7#



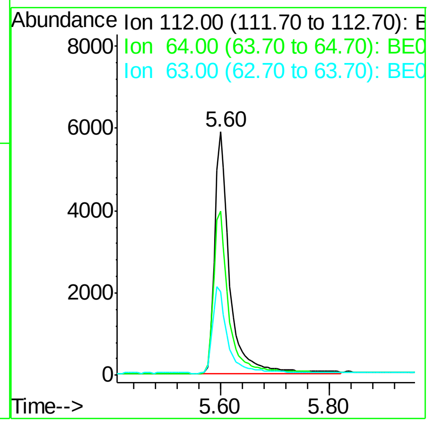


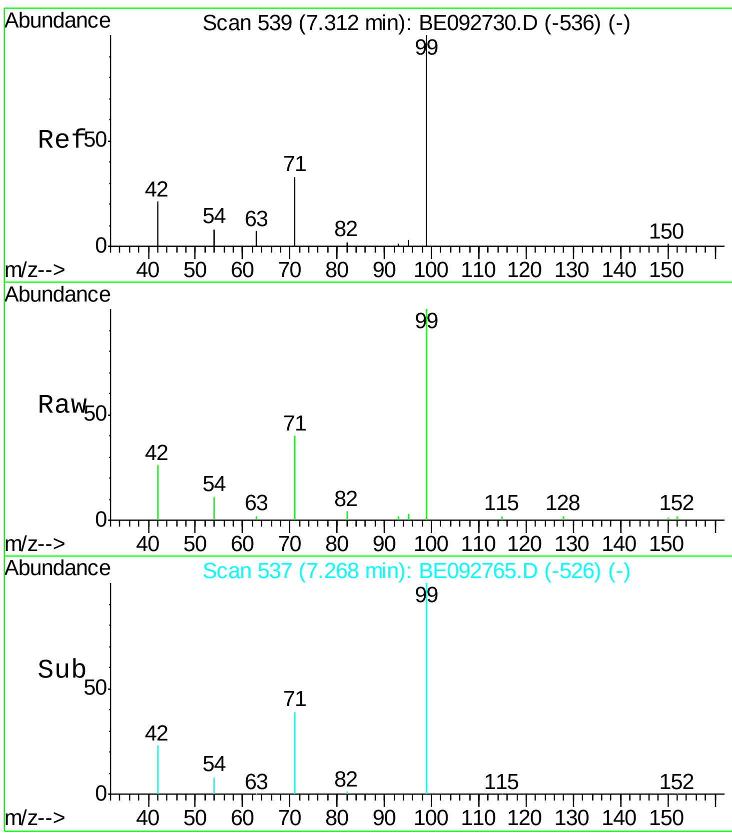
#4
2-Fluorophenol
Concen: 5.38 ng
RT: 5.60 min Scan# 351
Delta R.T. -0.03 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Instrument :
BNA_E
ClientSampleId :
C19013051

Tgt Ion:112 Resp: 11233

Ion	Ratio	Lower	Upper
112	100		
64	68.9	53.5	80.3
63	36.9	27.9	41.9

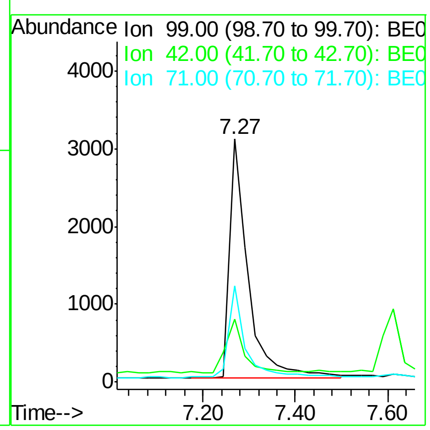


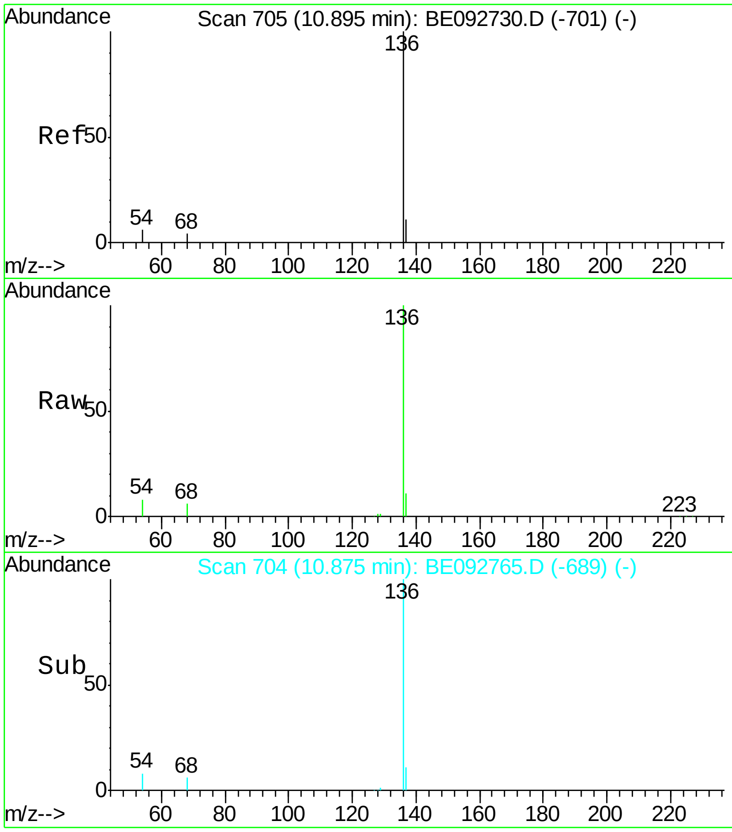


#5
Phenol-d6
Concen: 3.39 ng
RT: 7.27 min Scan# 537
Delta R.T. -0.04 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Tgt Ion: 99 Resp: 8680

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.0	24.0
71	34.8	30.6	45.8

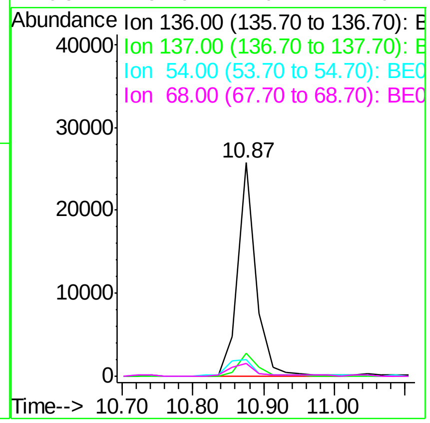


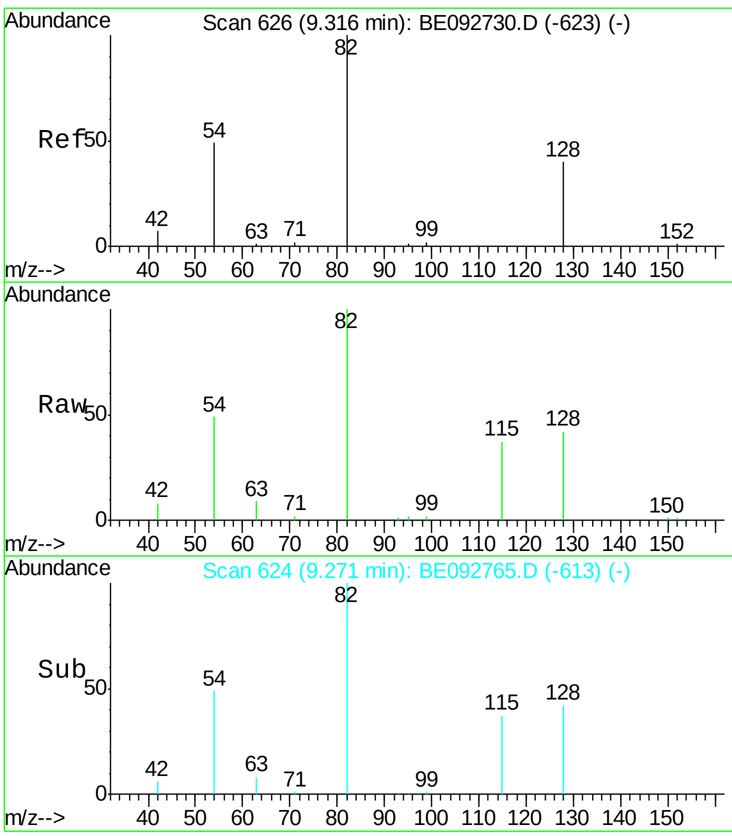


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.87 min Scan# 704
Delta R.T. -0.02 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Instrument : BNA_E
ClientSampleId : C19013051

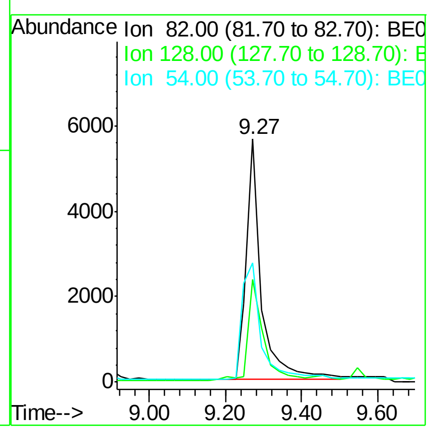
Tgt Ion:136	Resp:	46123	
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	7.9	9.6	14.4#
68	5.9	6.7	10.1#





#8
Nitrobenzene-d5
Concen: 5.00 ng
RT: 9.27 min Scan# 624
Delta R.T. -0.04 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Tgt Ion: 82	Resp:	15572	
Ion	Ratio	Lower	Upper
82	100		
128	42.0	39.0	58.4
54	49.3	44.8	67.2

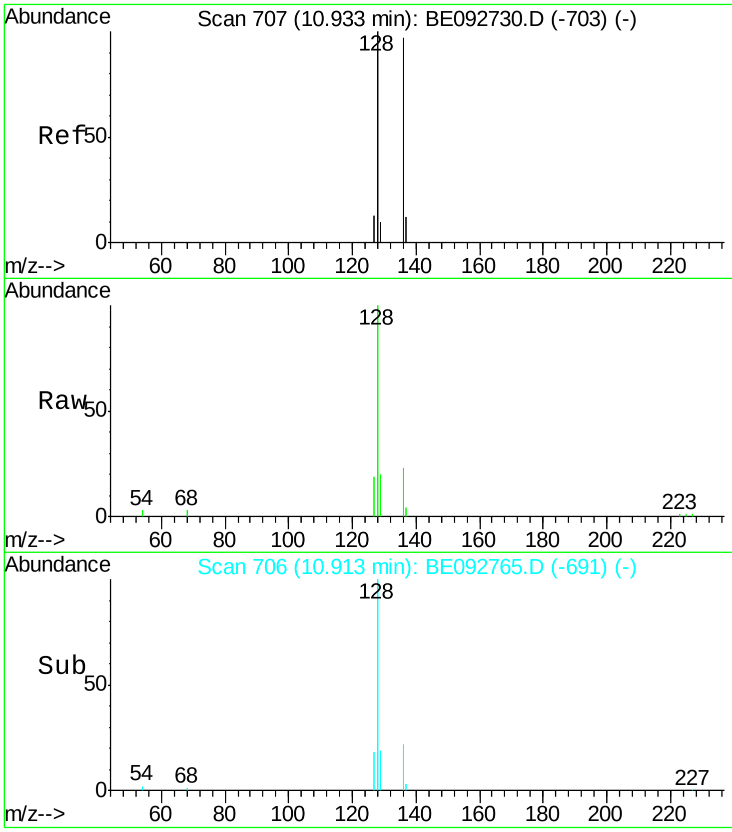


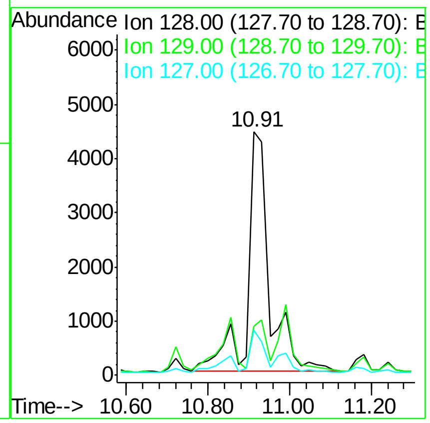
#9
Naphthalene
Concen: 1.65 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.02 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Instrument :
BNA_E
ClientSampleId :
C19013051

Tgt Ion:128 Resp: 16502

Ion	Ratio	Lower	Upper
128	100		
129	20.1	11.2	16.8#
127	18.6	11.6	17.4#

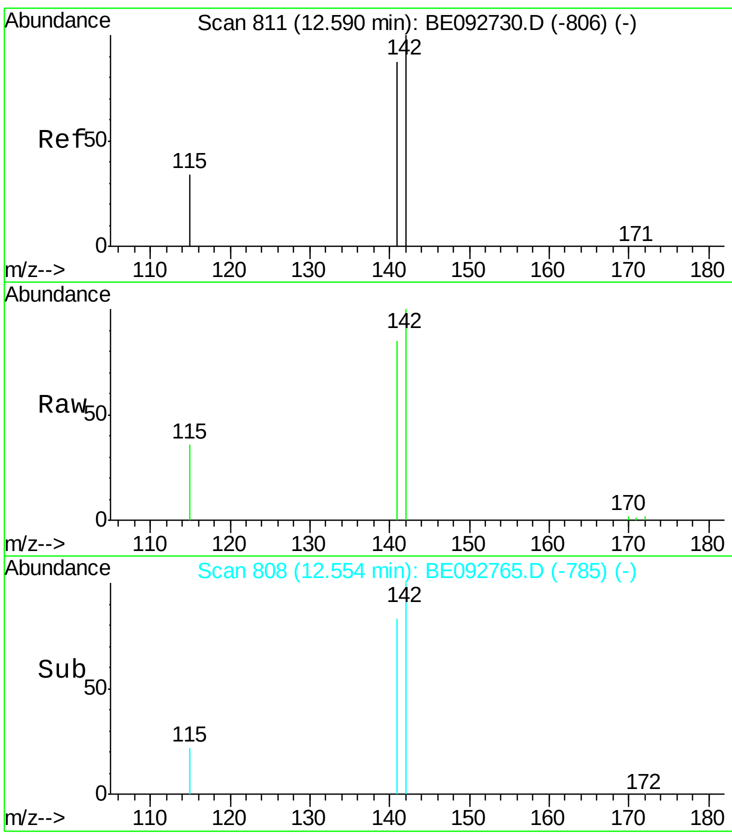


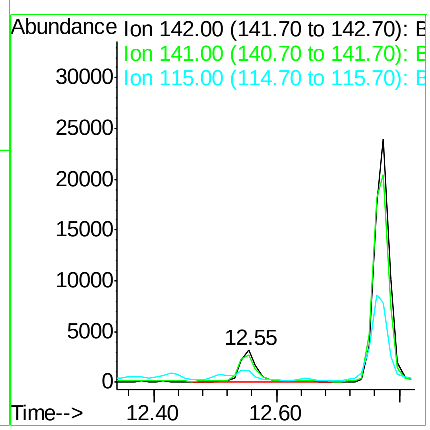


#11
2-Methylnaphthalene
Concen: 0.93 ng
RT: 12.55 min Scan# 808
Delta R.T. -0.04 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

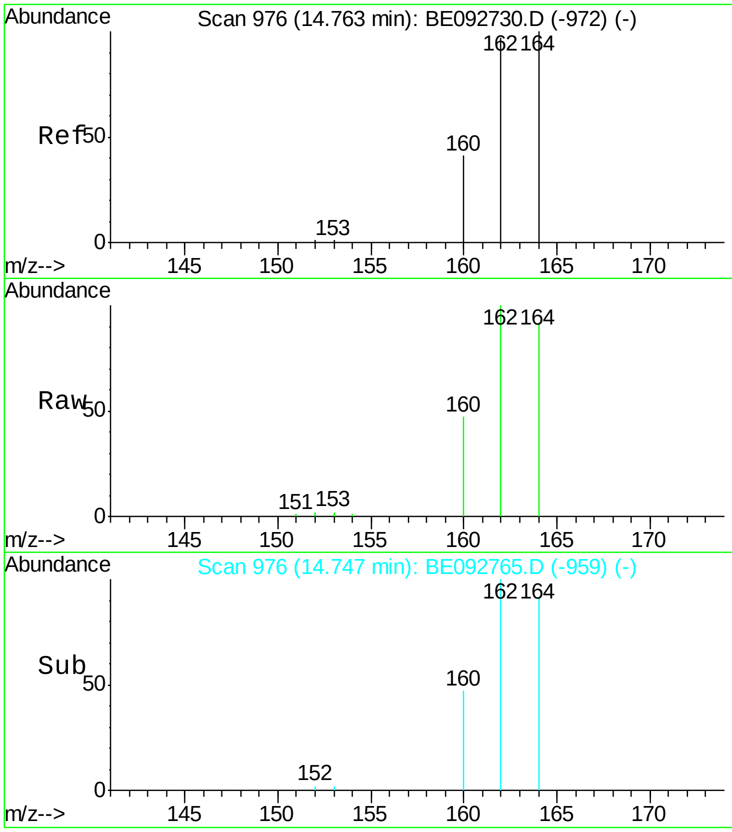
Tgt Ion:142 Resp: 5830

Ion	Ratio	Lower	Upper
142	100		
141	85.2	73.7	110.5
115	36.5	34.0	51.0





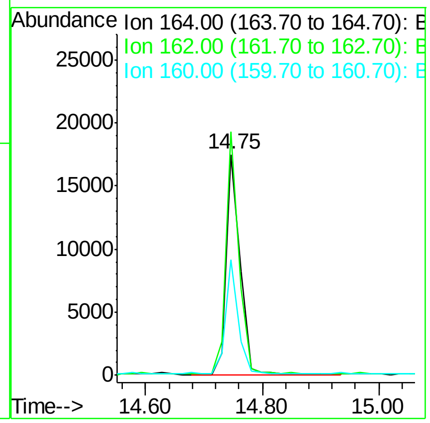
Instrument :
BNA_E
ClientSampleId :
C19013051

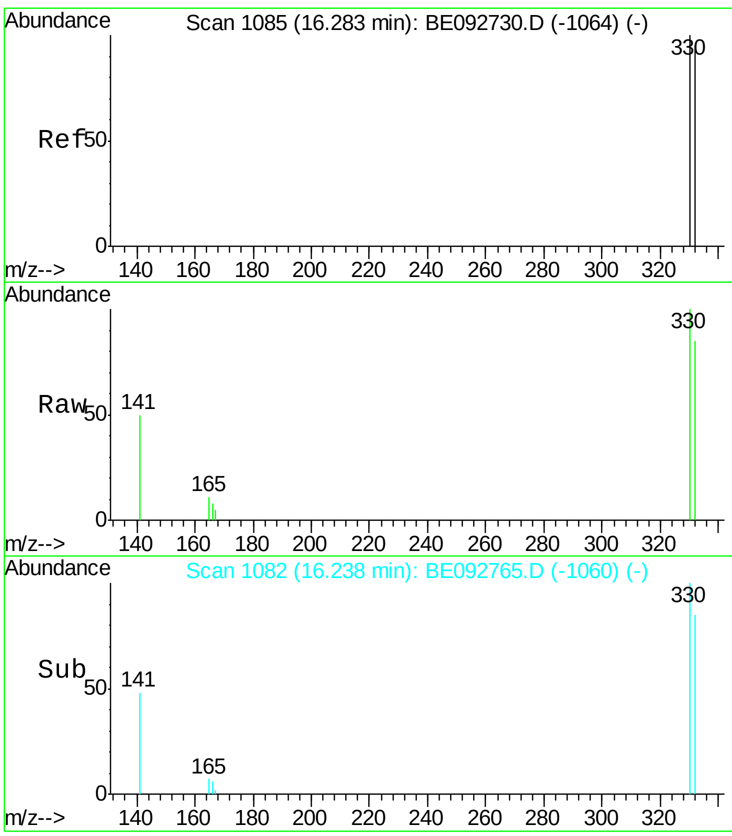


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.75 min Scan# 976
Delta R.T. -0.02 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Tgt Ion:164 Resp: 29163

Ion	Ratio	Lower	Upper
164	100		
162	110.2	71.4	107.0#
160	52.2	27.4	41.2#

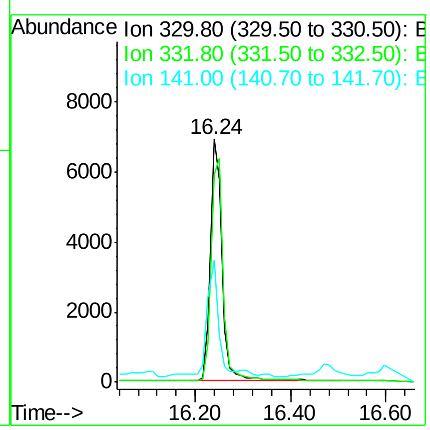


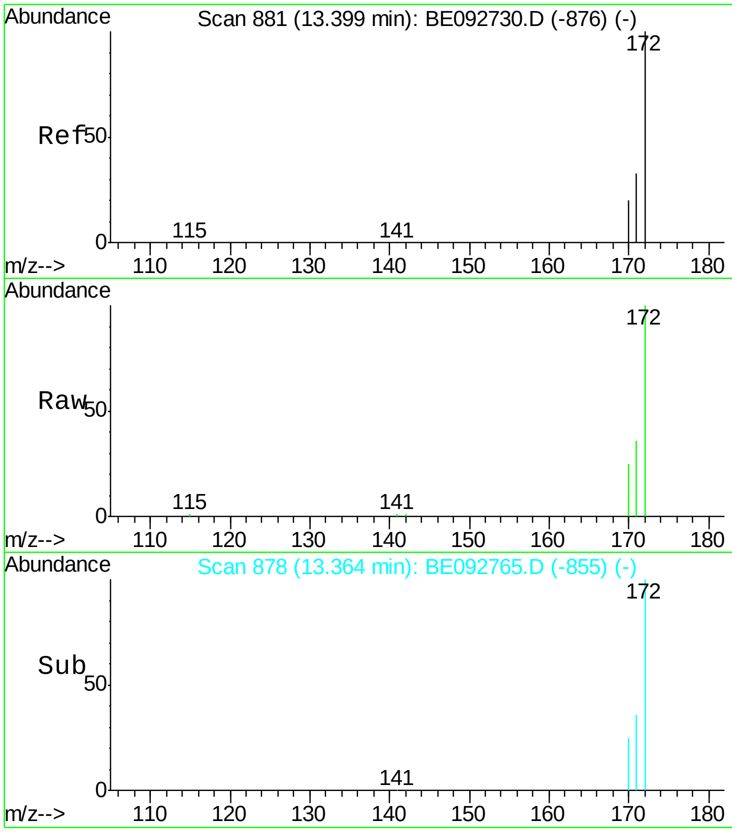


#13
2,4,6-Tribromophenol
Concen: 19.21 ng
RT: 16.24 min Scan# 1082
Delta R.T. -0.04 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Tgt Ion:330 Resp: 11888

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.0
141	46.7	31.0	46.6#



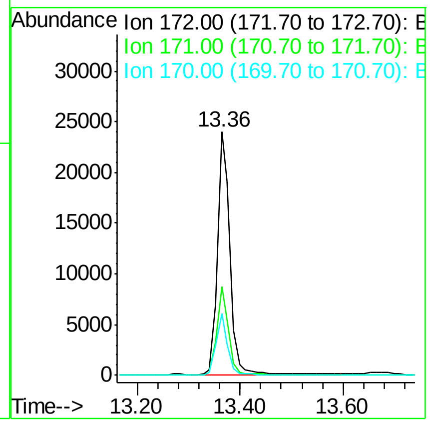


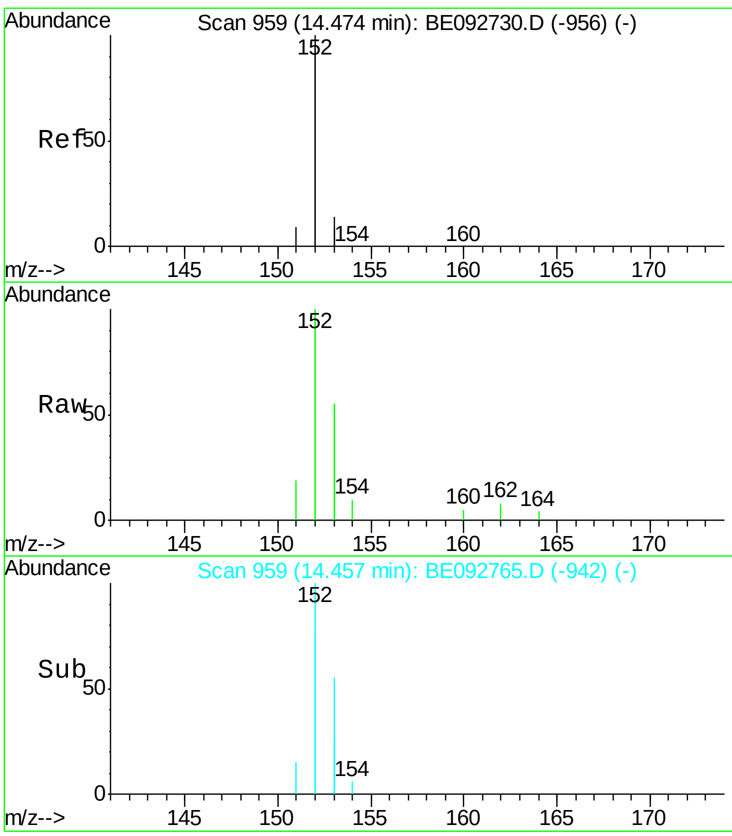
#14
2-Fluorobiphenyl
Concen: 5.67 ng
RT: 13.36 min Scan# 878
Delta R.T. -0.04 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Tgt Ion:172 Resp: 40329

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.1	45.1
170	25.3	21.8	32.6

Instrument :
BNA_E
ClientSampleId :
C19013051

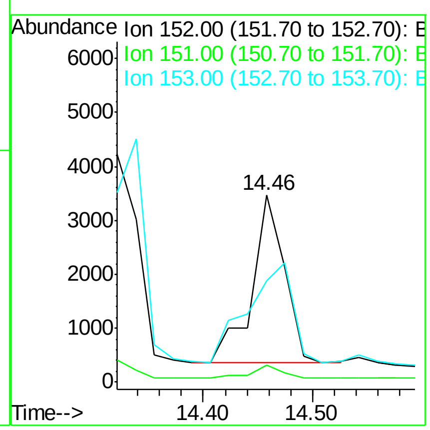


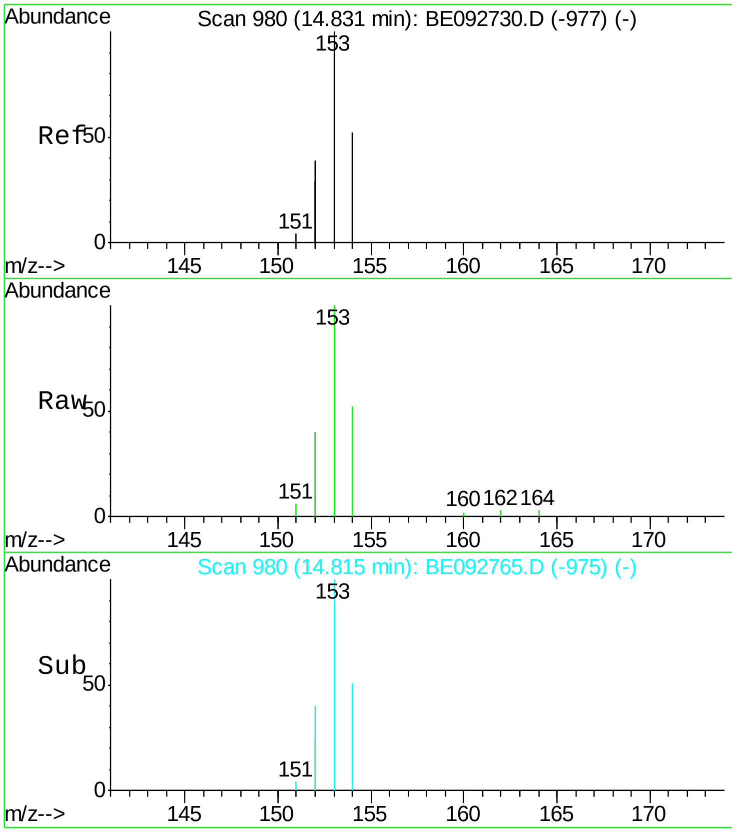


#15
Acenaphthylene
Concen: 0.15 ng
RT: 14.46 min Scan# 959
Delta R.T. -0.02 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Tgt Ion:152 Resp: 6488

Ion	Ratio	Lower	Upper
152	100		
151	8.0	3.9	5.9#
153	86.2	10.4	15.6#



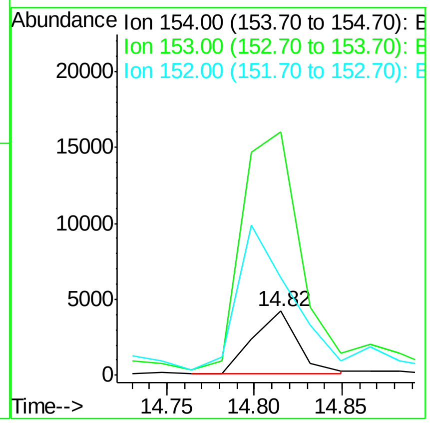


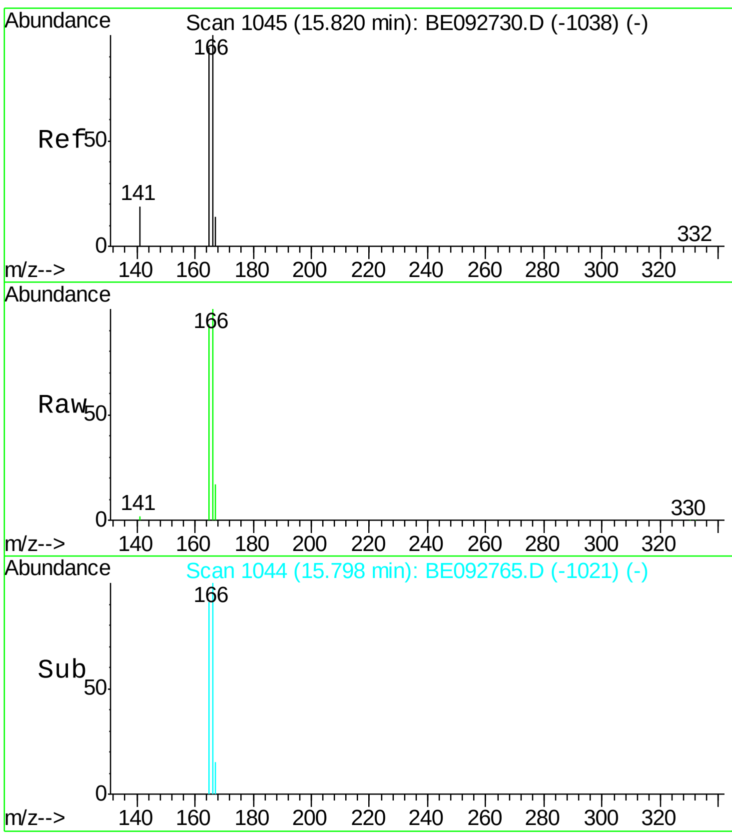
#16
Acenaphthene
Concen: 1.17 ng
RT: 14.82 min Scan# 980
Delta R.T. -0.02 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Instrument :
BNA_E
ClientSampleId :
C19013051

Tgt Ion:154 Resp: 7470

Ion	Ratio	Lower	Upper
154	100		
153	488.3	350.8	526.2
152	272.5	171.1	256.7#

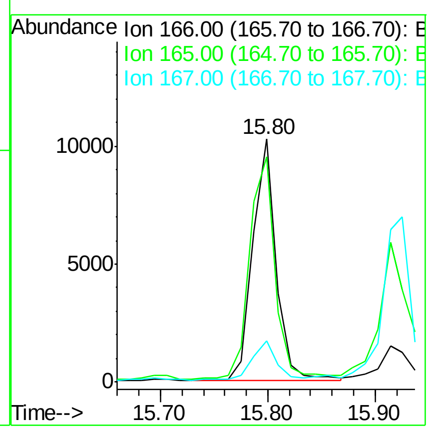


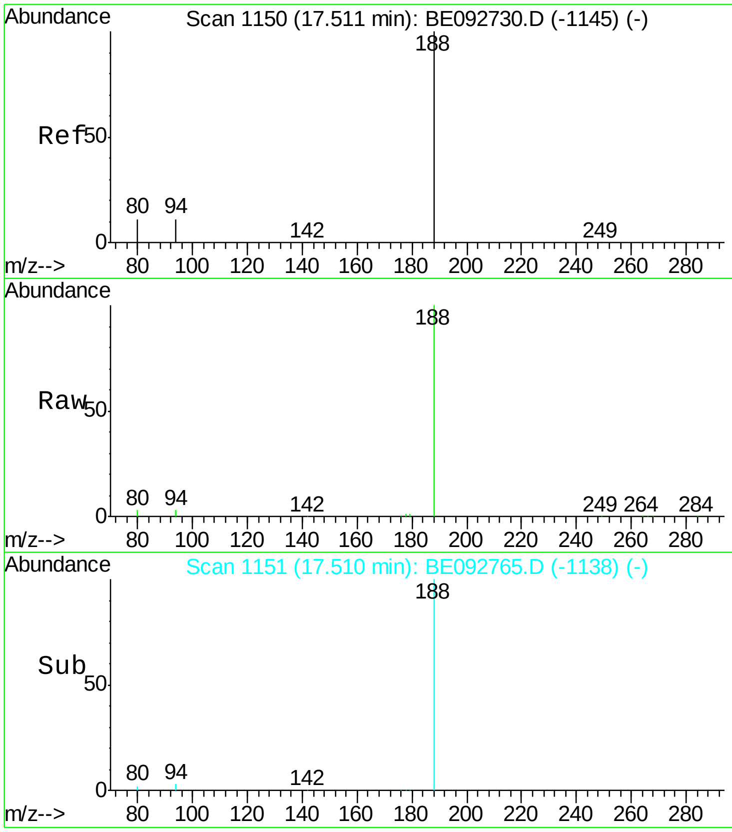


#17
Fluorene
Concen: 1.88 ng
RT: 15.80 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Tgt Ion:166 Resp: 15438

Ion	Ratio	Lower	Upper
166	100		
165	100.4	78.2	117.4
167	16.9	11.0	16.4#



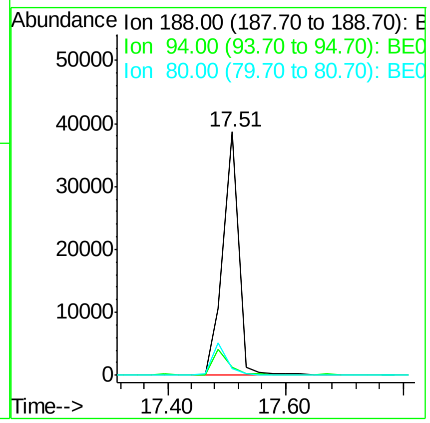


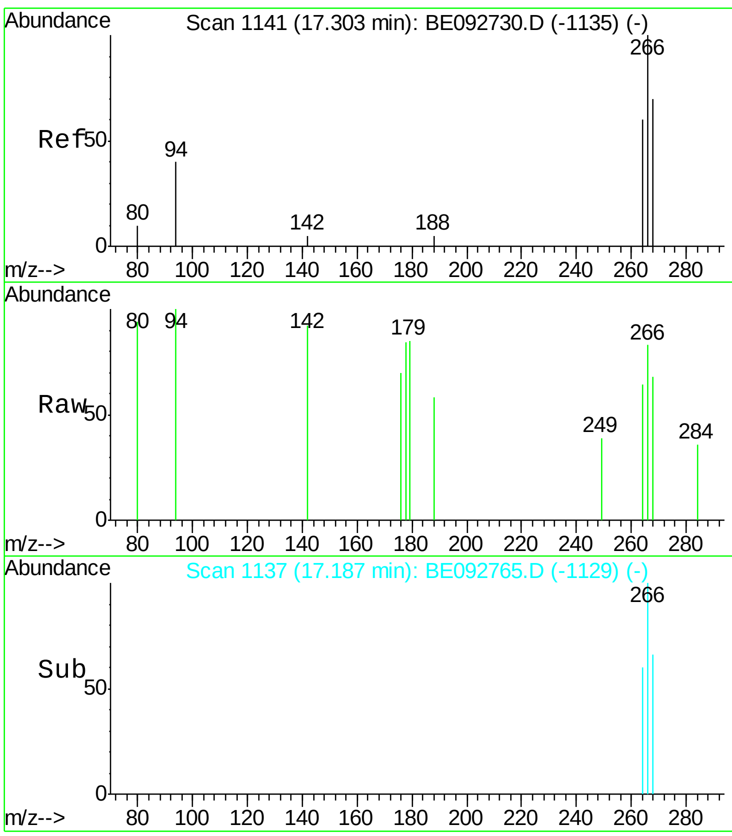
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Instrument :
BNA_E
ClientSampleId :
C19013051

Tgt Ion:188 Resp: 71326

Ion	Ratio	Lower	Upper
188	100		
94	3.5	3.2	4.8
80	2.8	2.6	3.8

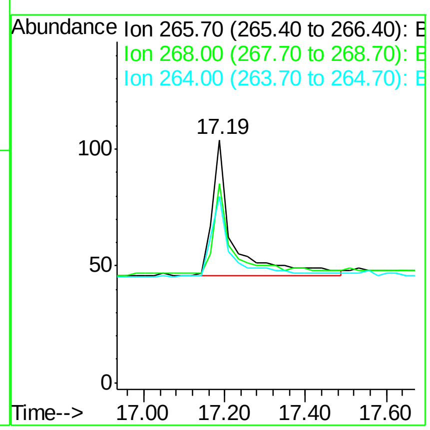


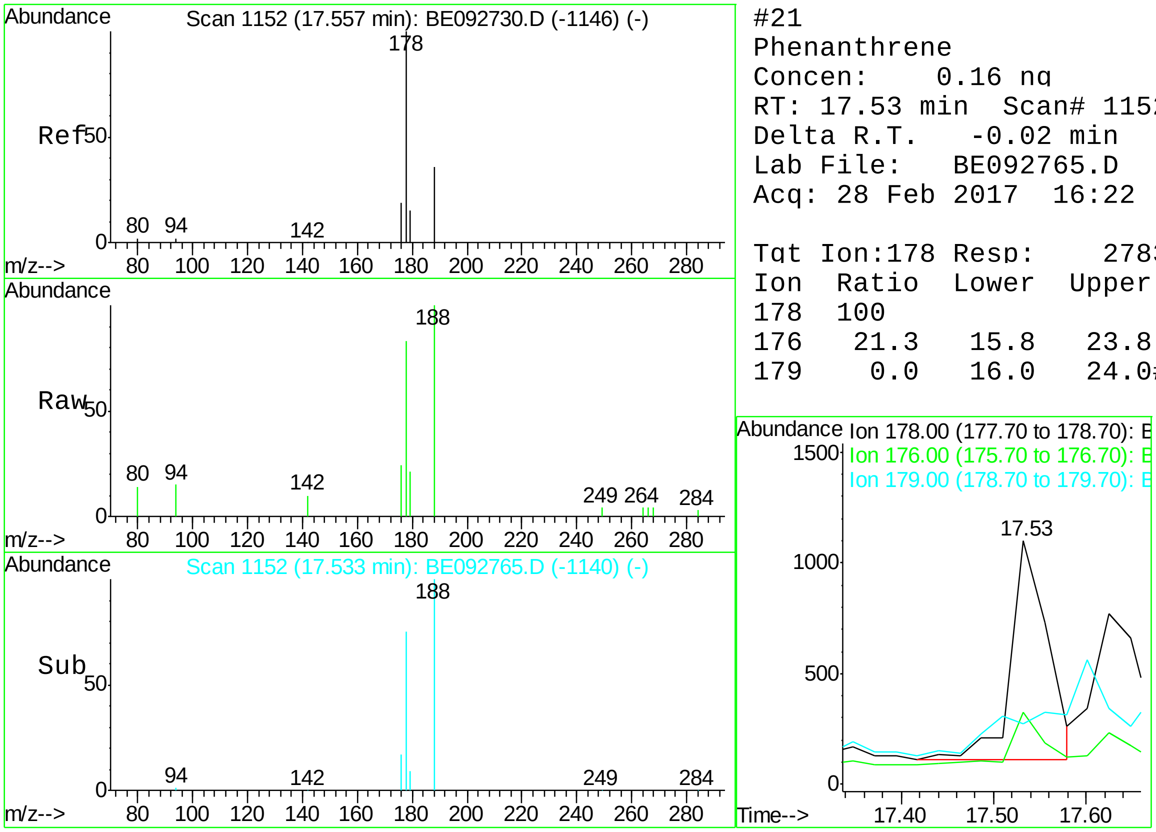


#20
Pentachlorophenol
Concen: 0.50 ng
RT: 17.19 min Scan# 1137
Delta R.T. -0.12 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Tgt Ion:266 Resp: 203

Ion	Ratio	Lower	Upper
266	100		
268	81.7	62.5	93.7
264	76.9	57.2	85.8



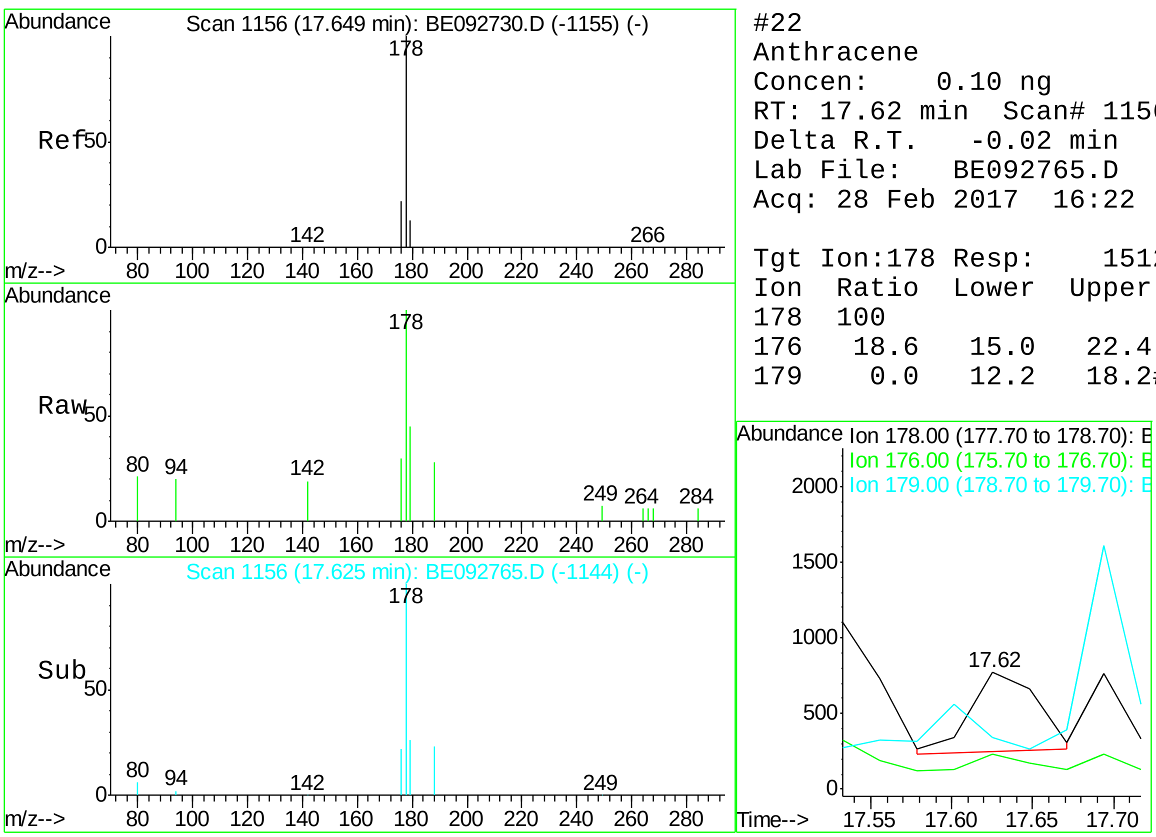


#21
Phenanthrene
Concen: 0.16 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Instrument : BNA_E
ClientSampleId : C19013051

Tgt Ion:178 Resp: 2783

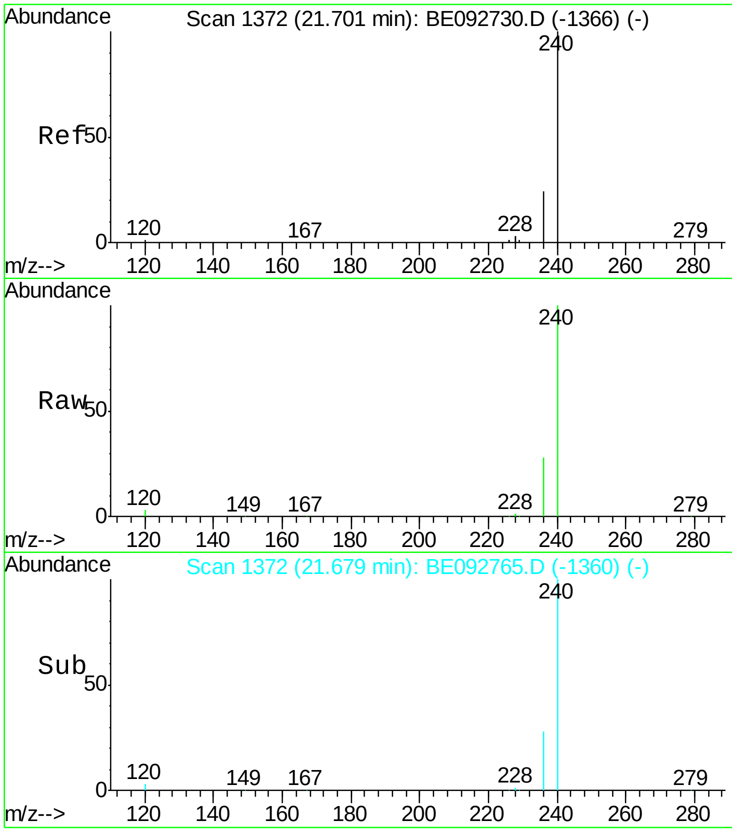
Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.8	23.8
179	0.0	16.0	24.0#

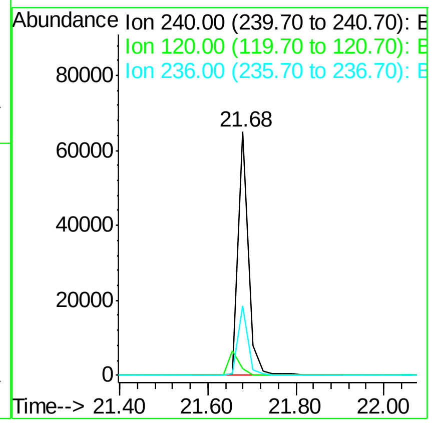


#22
Anthracene
Concen: 0.10 ng
RT: 17.62 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Tgt Ion:178 Resp: 1512

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	0.0	12.2	18.2#



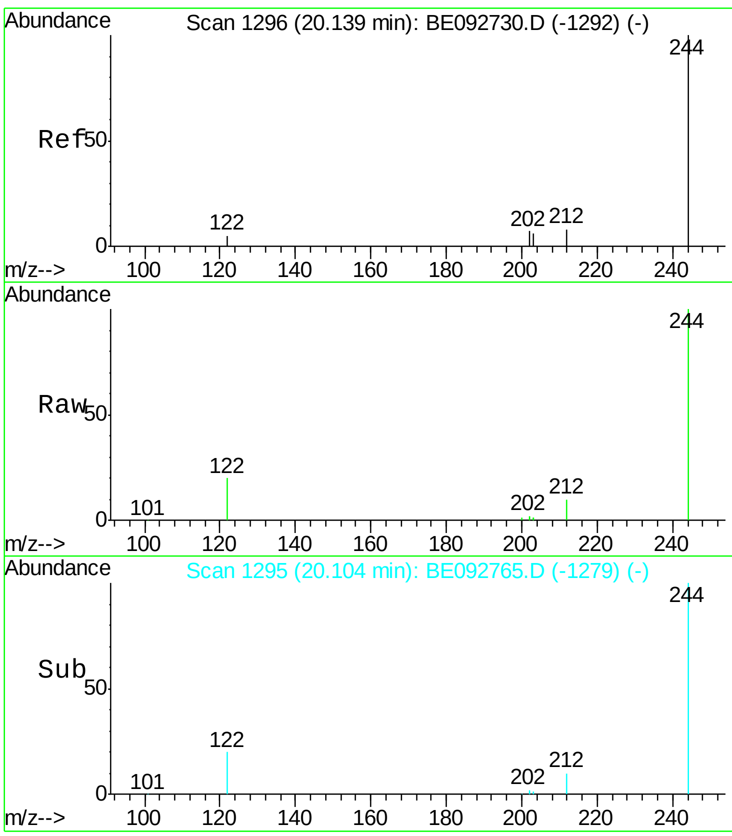


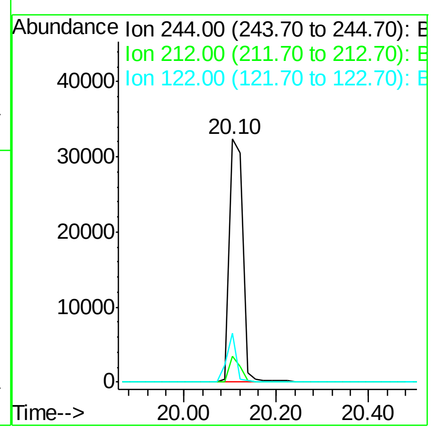
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Tgt Ion:240 Resp: 103295

Ion	Ratio	Lower	Upper
240	100		
120	3.0	2.6	4.0
236	28.5	24.6	37.0

Instrument :
BNA_E
ClientSampleId :
C19013051

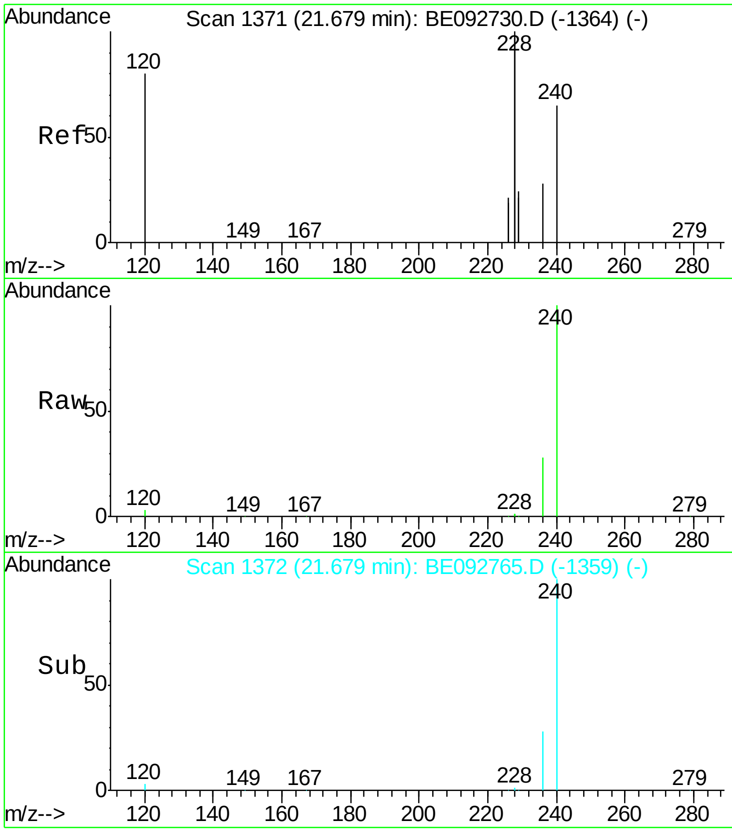




#26
Terphenyl-d14
Concen: 5.10 ng
RT: 20.10 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Tgt Ion:244 Resp: 67174

Ion	Ratio	Lower	Upper
244	100		
212	10.5	6.7	10.1#
122	20.0	3.6	5.4#

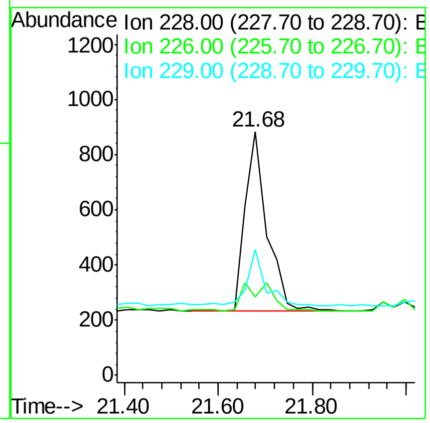


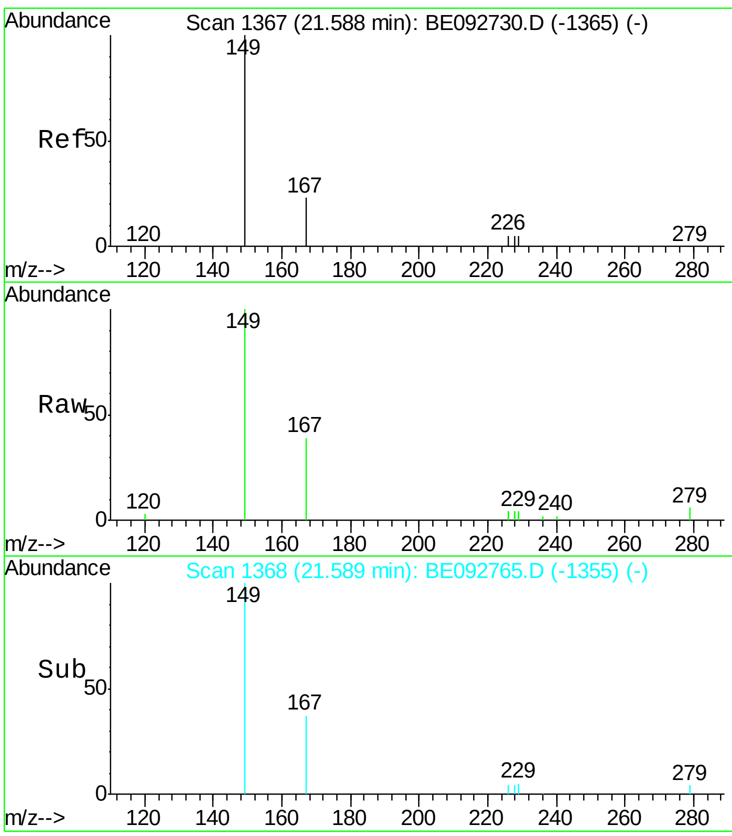
#27
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.68 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Instrument :
BNA_E
ClientSampleId :
C19013051

Tgt Ion:228 Resp: 2125

Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.6	35.4
229	51.7	13.3	19.9#

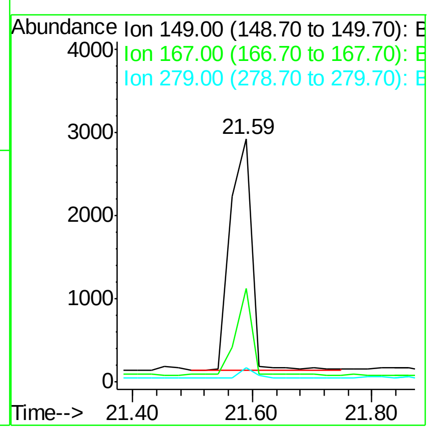


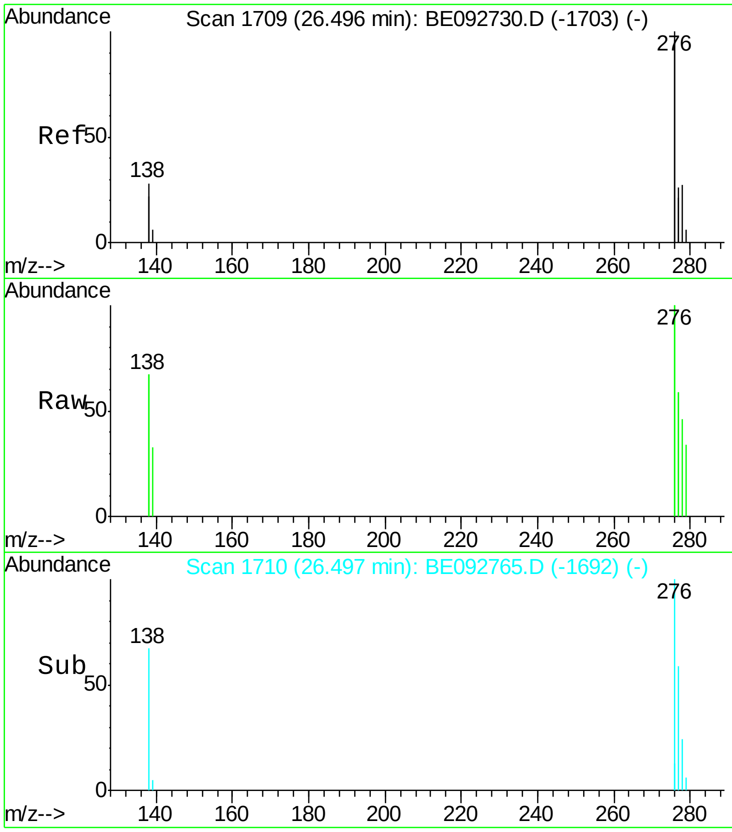


#29
Bis(2-ethylhexyl)phthalate
Concen: 0.55 ng
RT: 21.59 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Tgt Ion:149 Resp: 6819

Ion	Ratio	Lower	Upper
149	100		
167	28.0	16.0	24.0#
279	3.4	16.0	24.0#



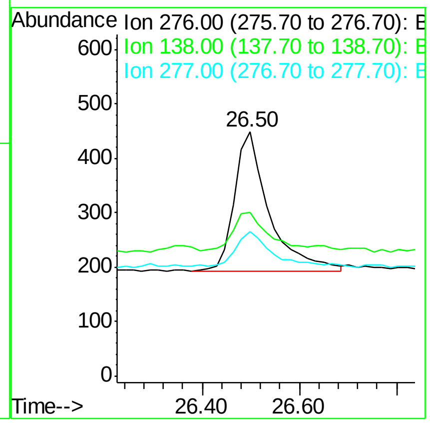


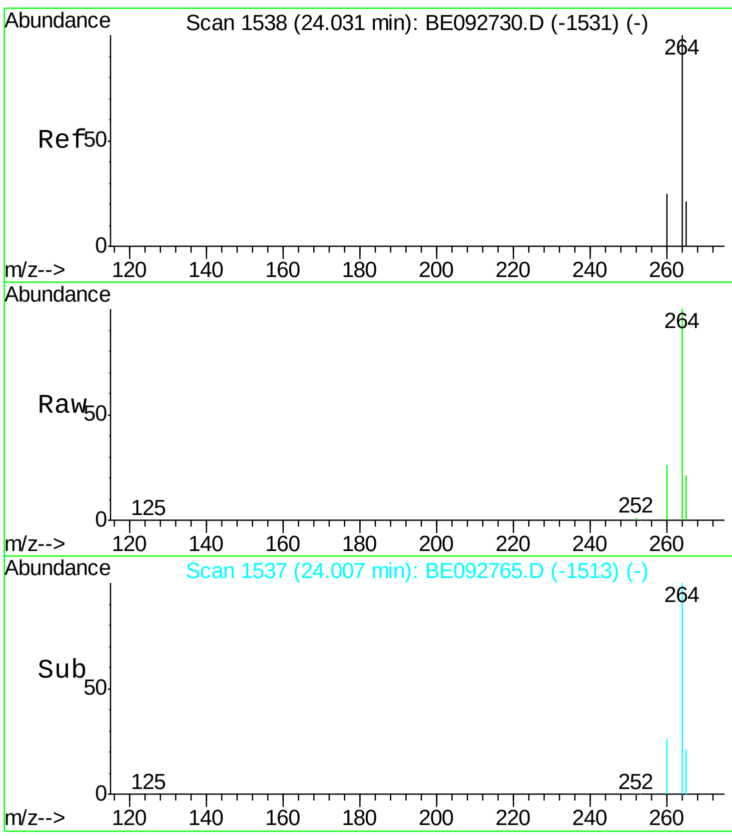
#30
Indeno(1,2,3-cd)pyrene
Concen: 0.04 ng
RT: 26.50 min   Scan# 1710
Delta R.T.   0.00 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Instrument : BNA_E
ClientSampleId : C19013051

Tgt Ion:276 Resp: 1278

Ion	Ratio	Lower	Upper
276	100		
138	26.7	20.3	30.5
277	24.5	19.7	29.5

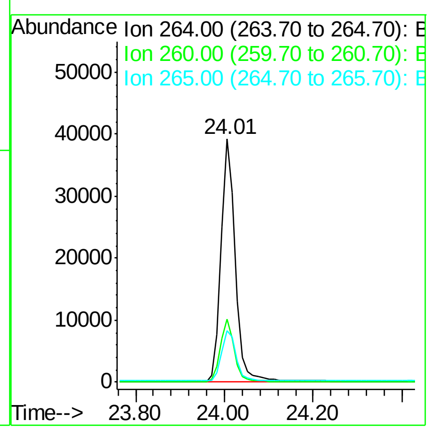


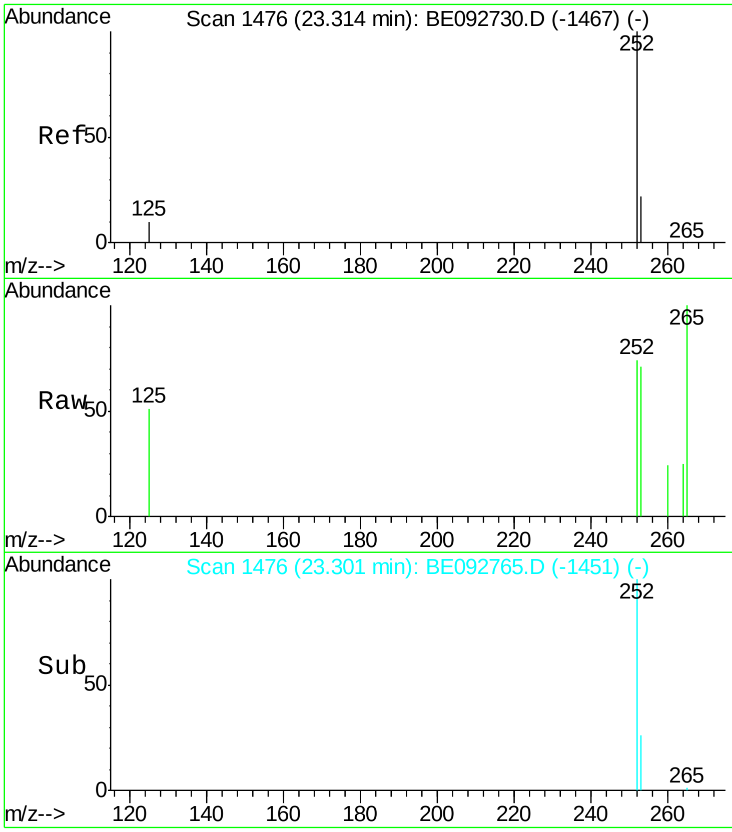


#31
Perylene-d12
Concen: 5.00 ng
RT: 24.01 min   Scan# 1537
Delta R.T.   -0.02 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Tgt Ion:264 Resp: 88339

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.1	30.1
265	21.2	17.9	26.9



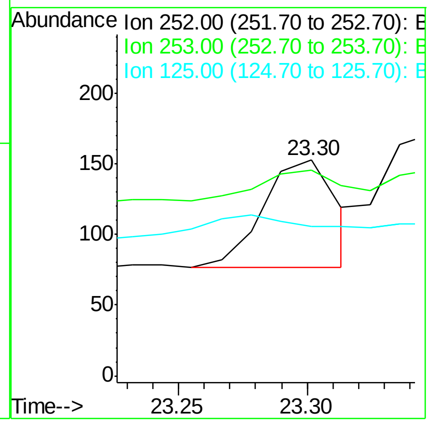


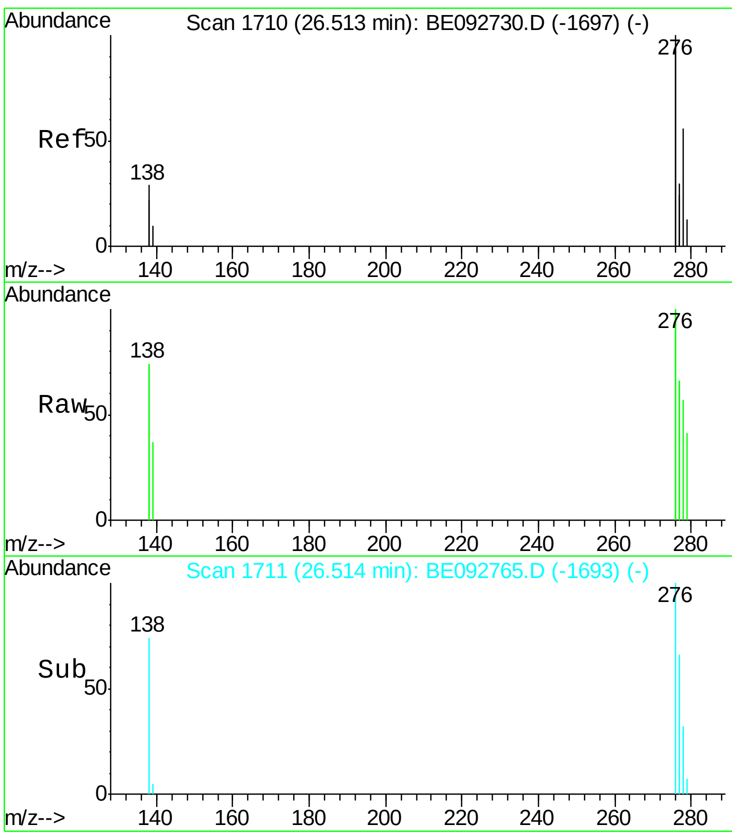
#32
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 23.30 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Instrument :
BNA_E
ClientSampleId :
C19013051

Tgt Ion:252 Resp: 150

Ion	Ratio	Lower	Upper
252	100		
253	95.4	18.7	28.1#
125	69.3	10.5	15.7#





#35
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 26.51 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BE092765.D
Acq: 28 Feb 2017 16:22

Tgt Ion:278 Resp: 304

Ion	Ratio	Lower	Upper
278	100		
139	65.7	13.8	20.8#
279	72.2	21.4	32.2#