Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050517\
Data File : BE092956.D
Acq On : 6 May 2017 7:36
Operator : SJ/MA
Sample : I2893-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 08 04:29:40 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	929	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	4169	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	2263	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	5277	0.40	ng	0.00
26) Chrysene-d12	21.28	240	6448	0.40	ng	0.00
33) Perylene-d12	23.70	264	5361	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	456	0.22	ng	0.01
5) Phenol-d6	6.94	99	419	0.14	ng	0.00
8) Nitrobenzene-d5	8.90	82	1302	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	2288	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	293	0.83	ng	0.01
15) 2-Fluorobiphenyl	13.01	172	4453	0.43	ng	0.00
24) Fluoranthene-d10	19.15	212	5794	0.47	ng	0.00
28) Terphenyl-d14	19.73	244	4329	0.38	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.61	42	34	0.02	ng	# 1
6) bis(2-Chloroethyl)ether	7.13	93	286	0.08	ng	# 32
9) Naphthalene	10.58	128	513	0.05	ng	# 85
21) Pentachlorophenol	16.81	266	35	0.21	ng	94
22) Phenanthrene	17.18	178	726	0.05	ng	# 80
23) Anthracene	17.27	178	227	0.02	ng	# 9
25) Fluoranthene	19.17	202	3169	0.05	ng	# 58
27) Pyrene	19.53	202	5908	0.07	ng	# 61
29) Benzo(a)anthracene	21.27	228	376	0.02	ng	# 1
31) Bis(2-ethylhexyl)phthalate	21.20	149	808	0.20	ng	# 49

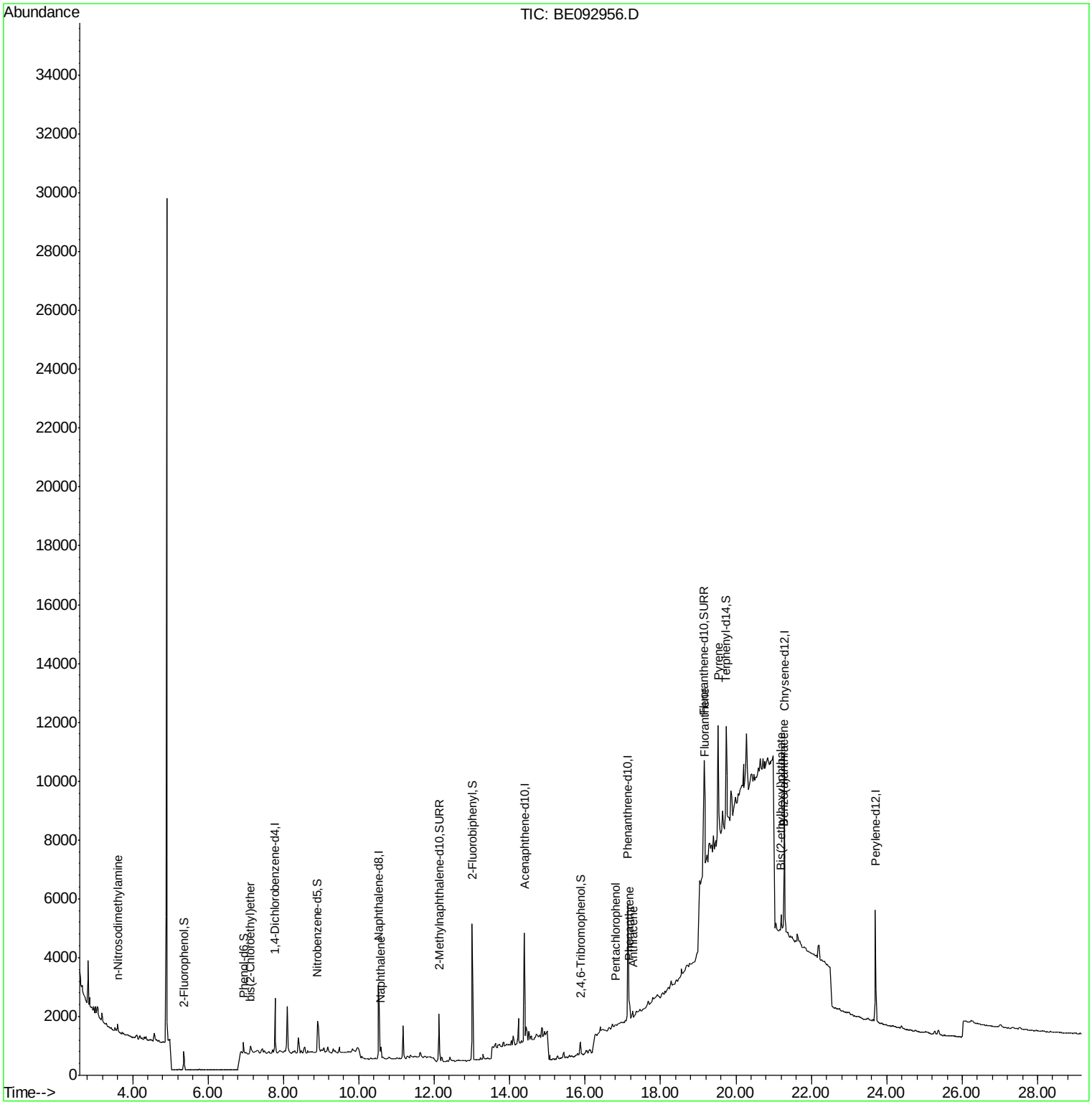
(#) = qualifier out of range (m) = manual integration (+) = signals summed

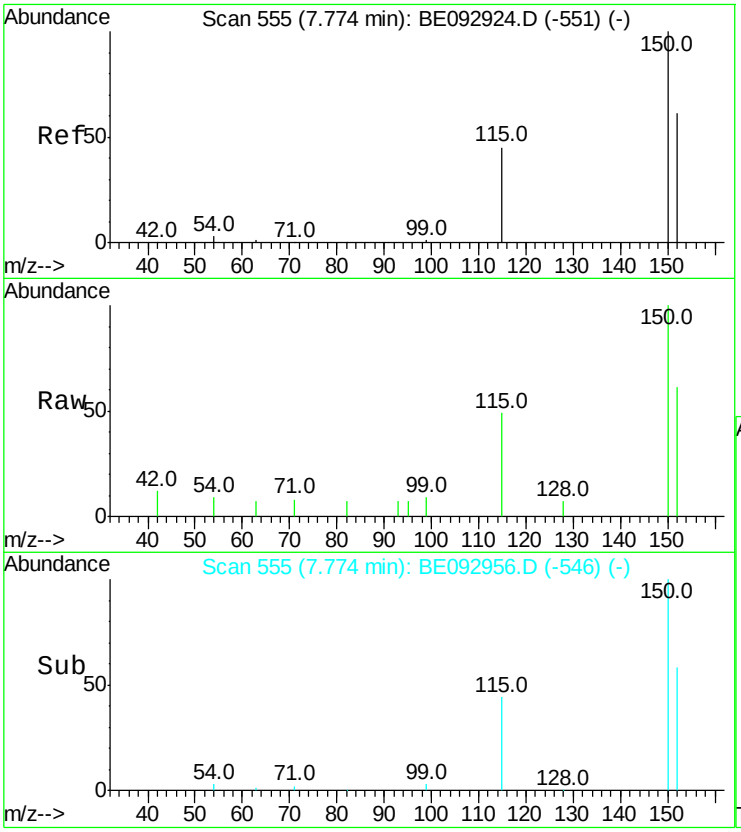
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050517\
Data File : BE092956.D
Acq On : 6 May 2017 7:36
Operator : SJ/MA
Sample : I2893-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 08 04:29:40 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



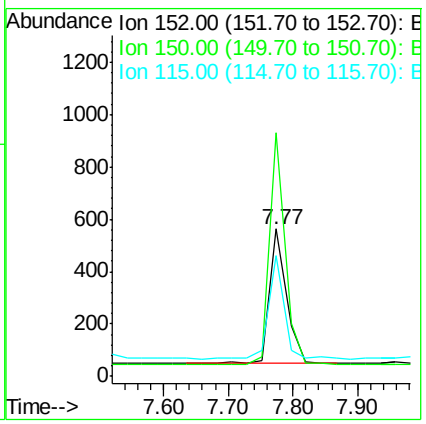


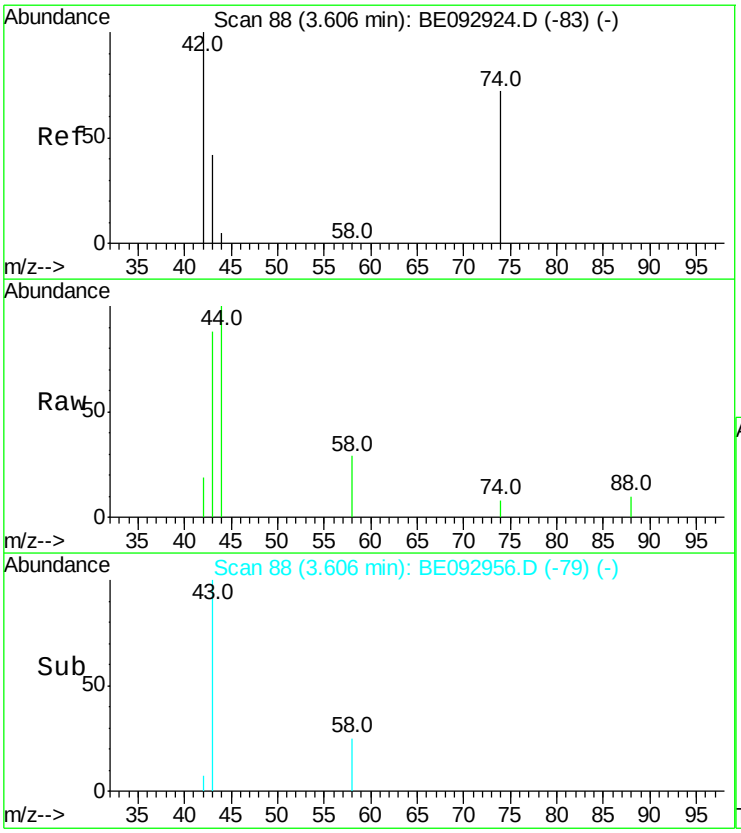
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 929

Ion	Ratio	Lower	Upper
152	100		
150	165.2	129.9	194.9
115	81.5	62.6	93.8

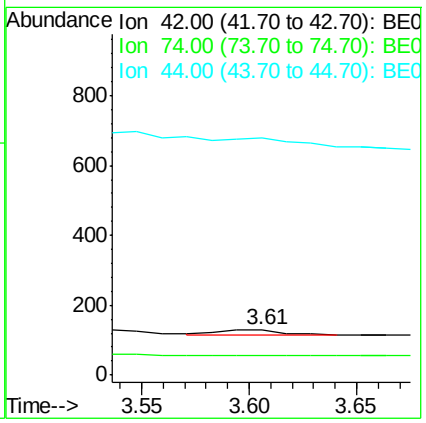


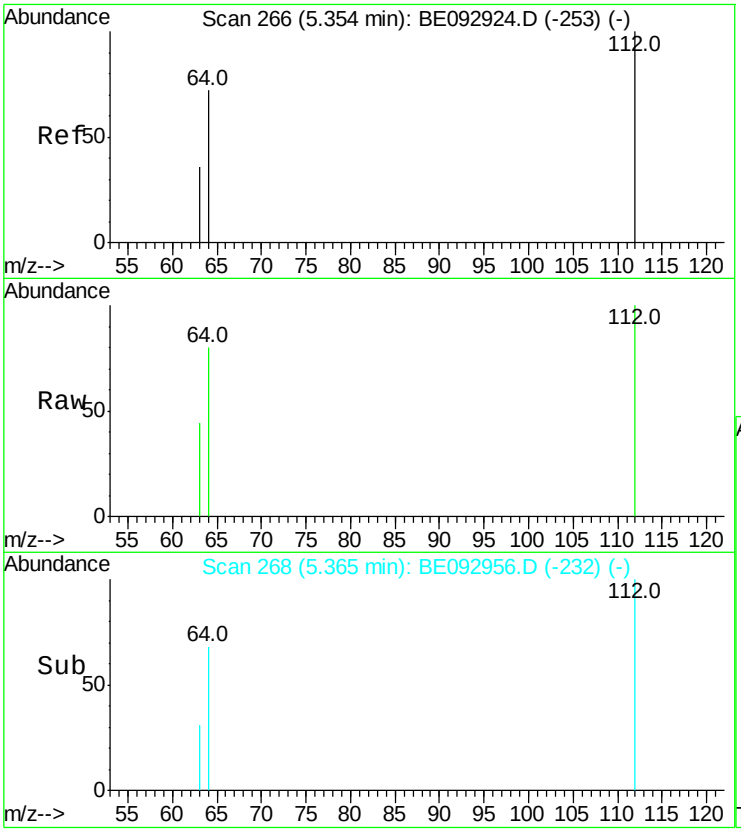


#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.61 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Tgt Ion: 42 Resp: 34

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



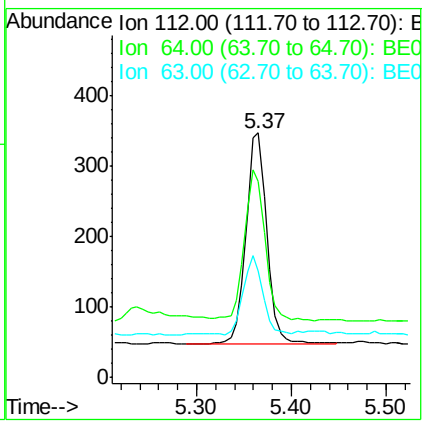


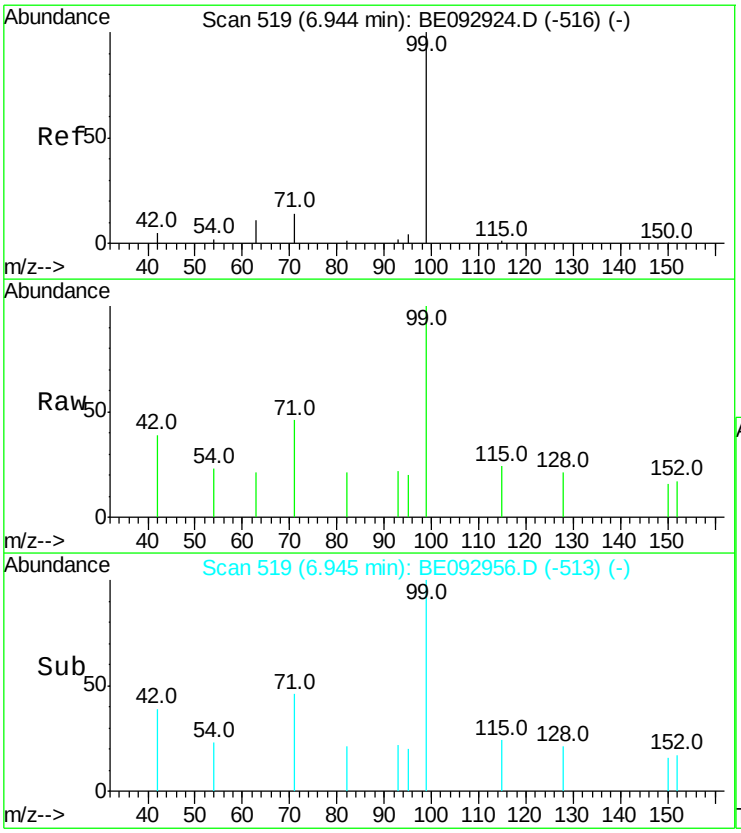
#4
2-Fluorophenol
Concen: 0.22 ng
RT: 5.37 min Scan# 268
Delta R.T. 0.01 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 456

Ion	Ratio	Lower	Upper
112	100		
64	71.7	52.6	79.0
63	35.3	29.0	43.4

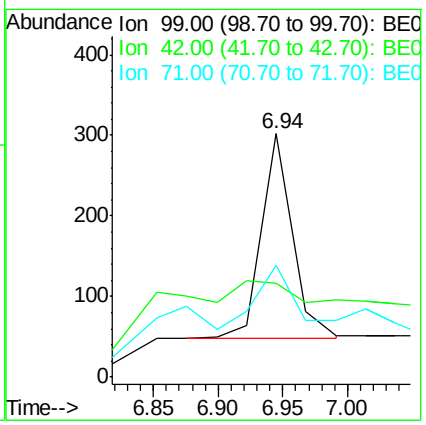


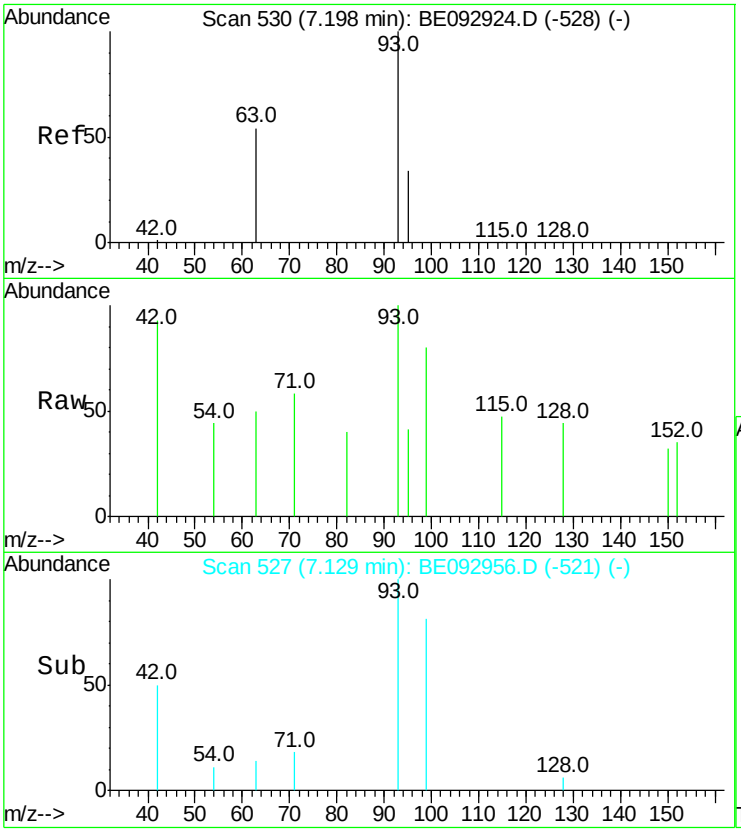


#5
Phenol-d6
Concen: 0.14 ng
RT: 6.94 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Tgt Ion: 99 Resp: 419

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	27.9	0.0	0.0#



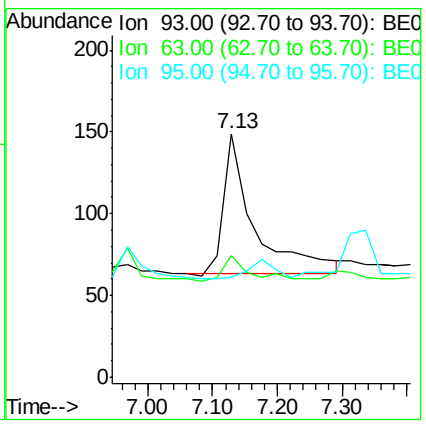


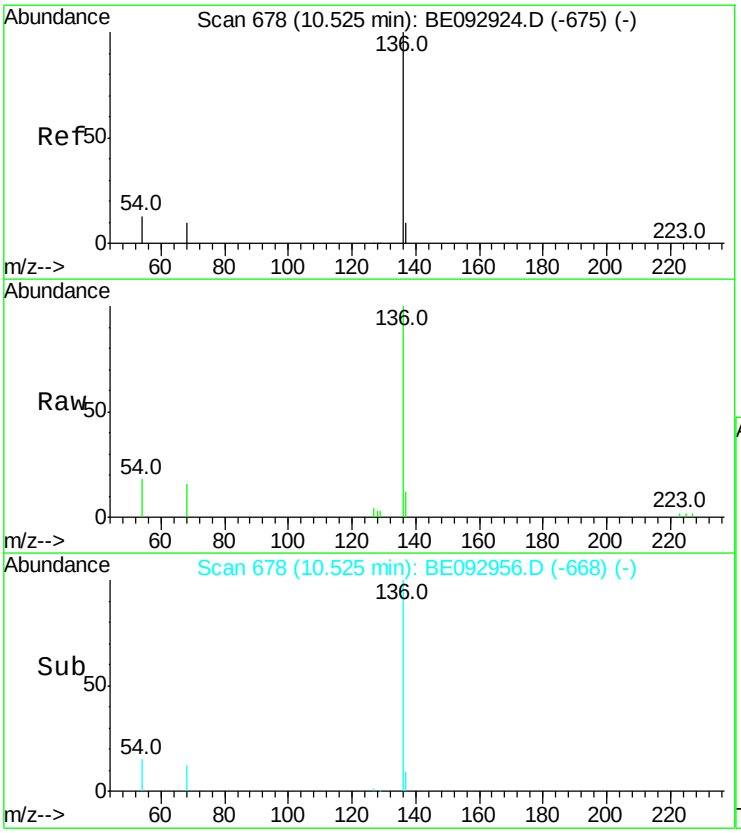
#6
bis(2-Chloroethyl)ether
Concen: 0.08 ng
RT: 7.13 min Scan# 527
Delta R.T. -0.07 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 286

Ion	Ratio	Lower	Upper
93	100		
63	14.3	61.2	91.8#
95	0.0	25.5	38.3#

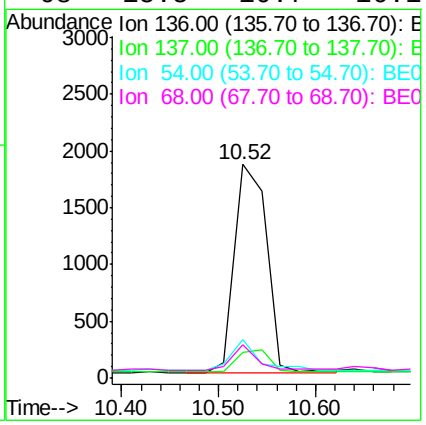


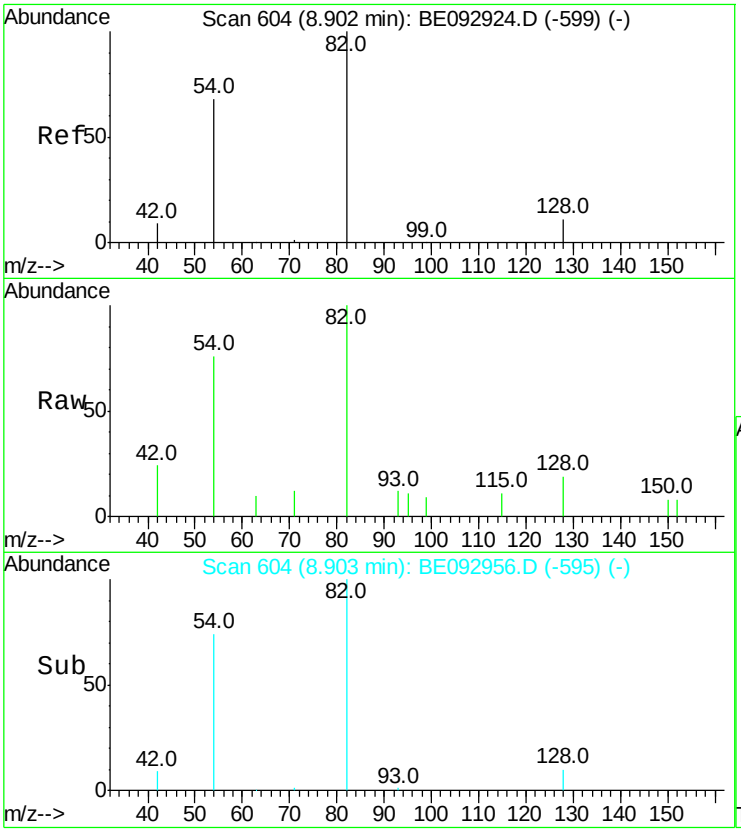


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.52 min Scan# 678
Delta R.T. 0.00 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Tgt Ion:136 Resp: 4169

Ion	Ratio	Lower	Upper
136	100		
137	12.0	10.4	15.6
54	18.1	12.6	18.8
68	15.5	10.7	16.1



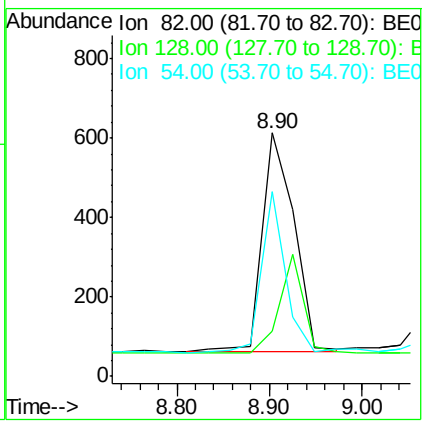


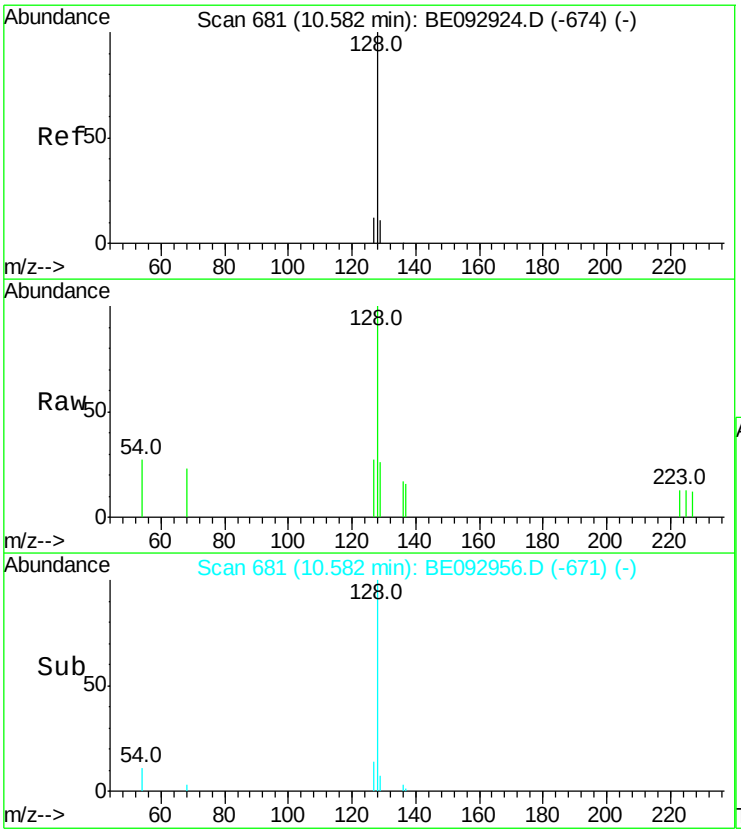
#8
Nitrobenzene-d5
Concen: 0.46 ng
RT: 8.90 min Scan# 604
Delta R.T. 0.00 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 1302

Ion	Ratio	Lower	Upper
82	100		
128	18.8	35.3	52.9#
54	76.0	65.1	97.7

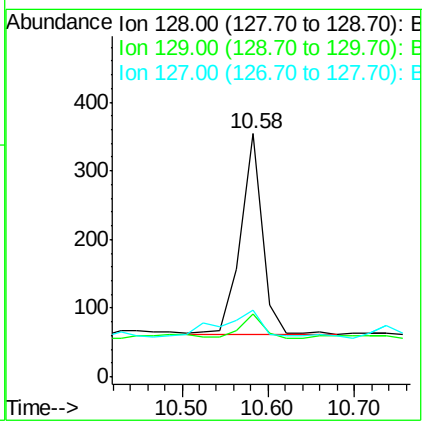


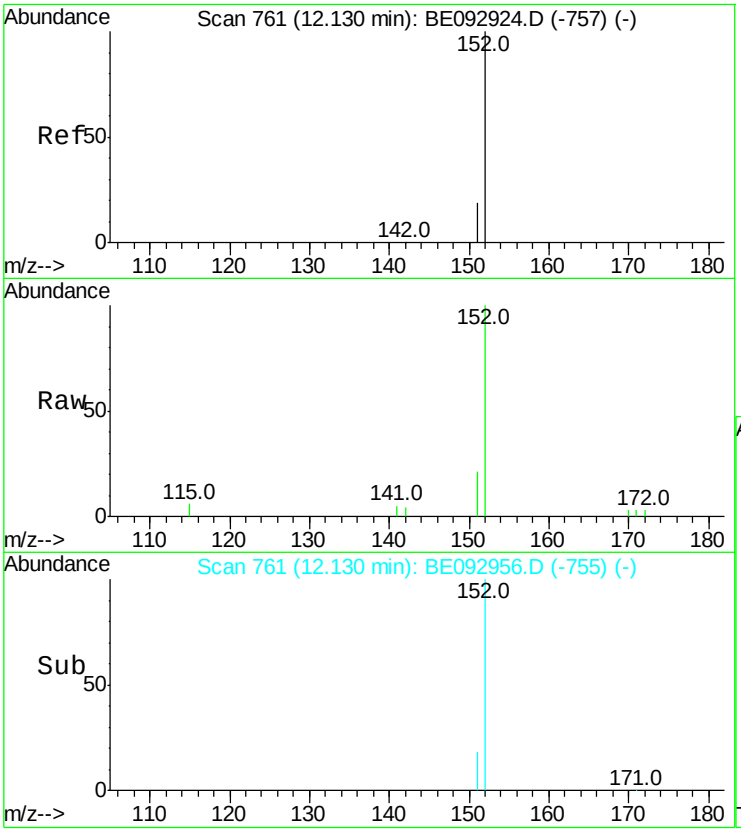


#9
Naphthalene
Concen: 0.05 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Tgt Ion:128 Resp: 513

Ion	Ratio	Lower	Upper
128	100		
129	25.7	15.8	23.8#
127	27.4	16.0	24.0#



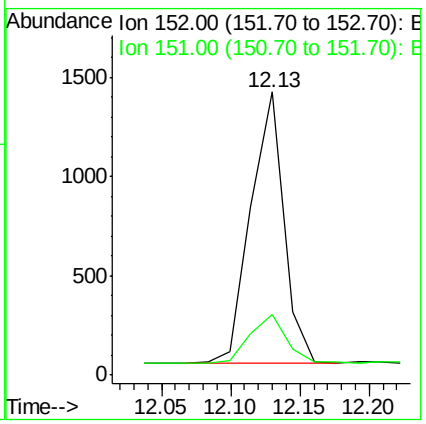


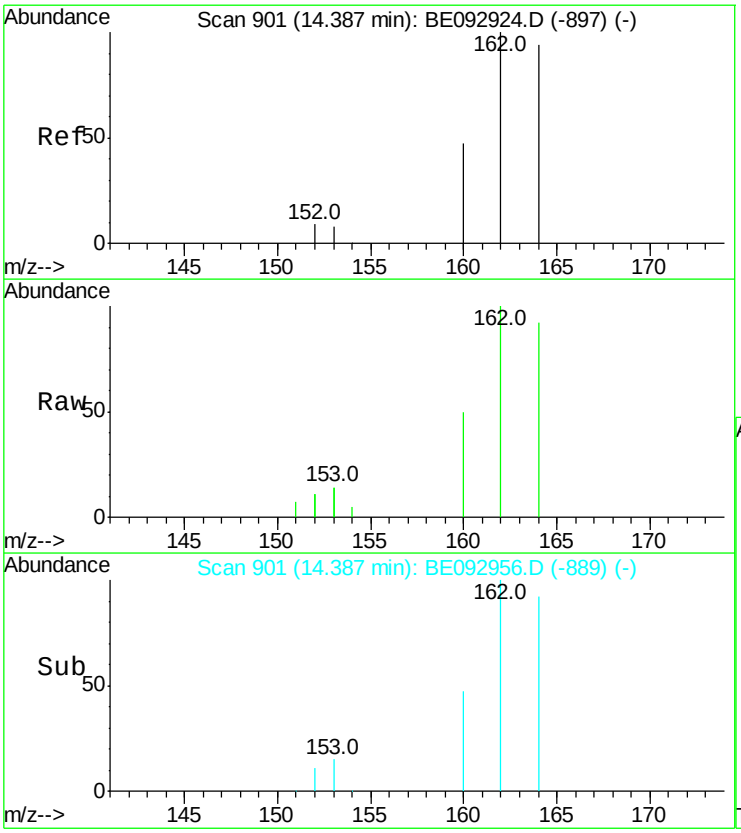
#11
2-Methylnaphthalene-d10
Concen: 0.37 ng
RT: 12.13 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2288

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5

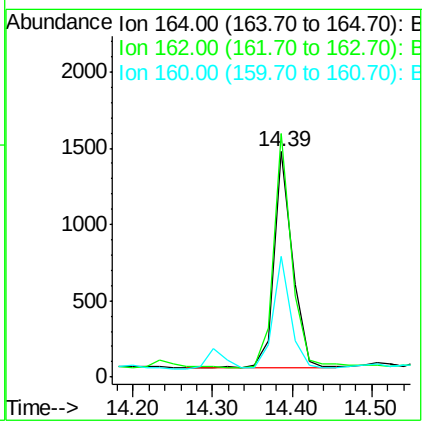


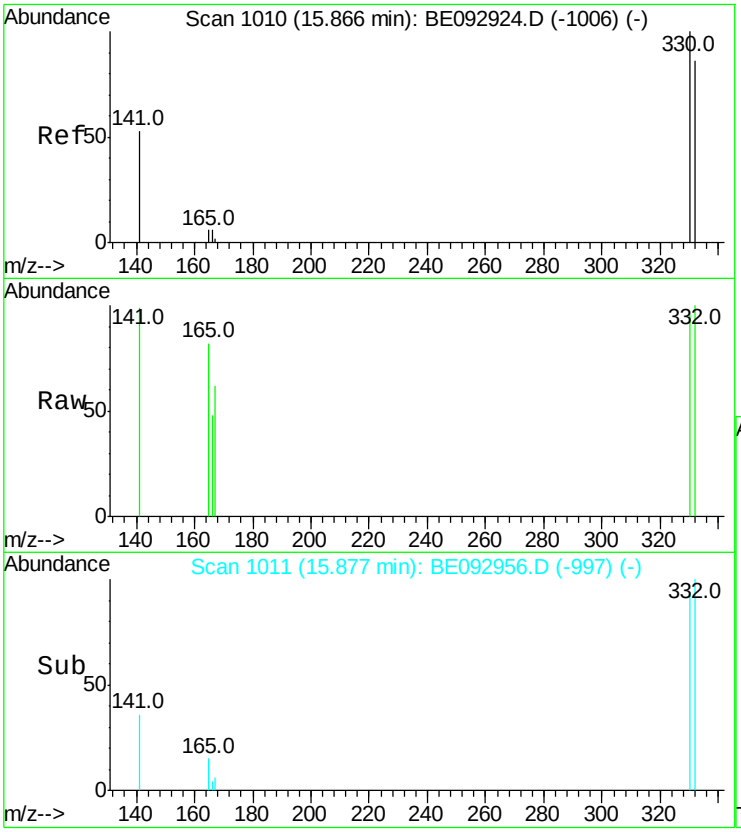


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Tgt Ion:164 Resp: 2263

Ion	Ratio	Lower	Upper
164	100		
162	108.1	86.6	130.0
160	53.6	44.5	66.7



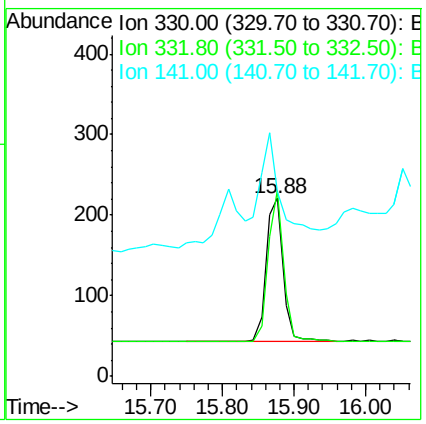


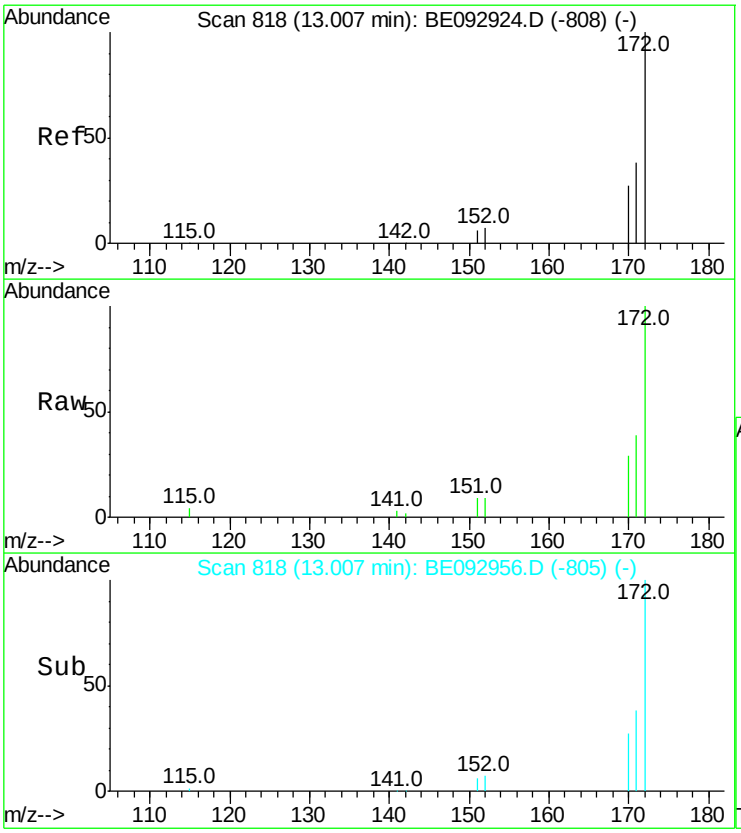
#14
2,4,6-Tribromophenol
Concen: 0.83 ng
RT: 15.88 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 293

Ion	Ratio	Lower	Upper
330	100		
332	96.2	69.1	103.7
141	80.5	54.6	81.8

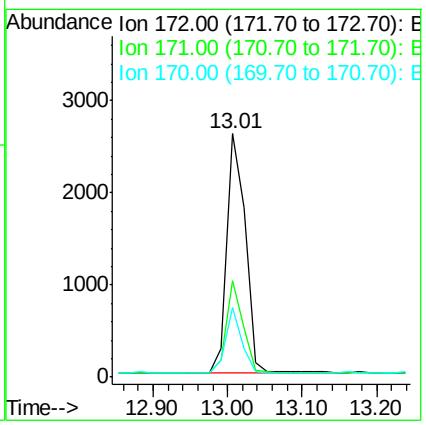


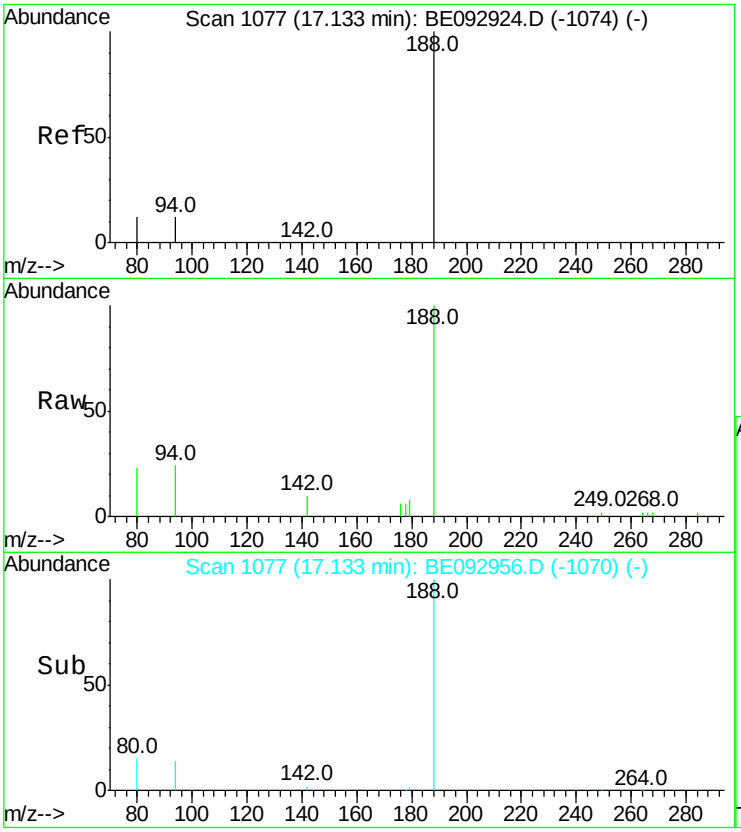


#15
2-Fluorobiphenyl
Concen: 0.43 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Tgt Ion:172 Resp: 4453

Ion	Ratio	Lower	Upper
172	100		
171	39.4	35.8	53.6
170	28.6	28.5	42.7



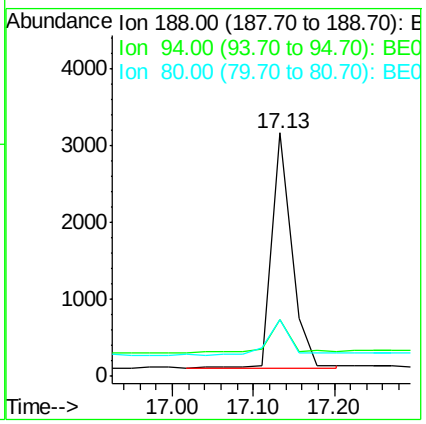


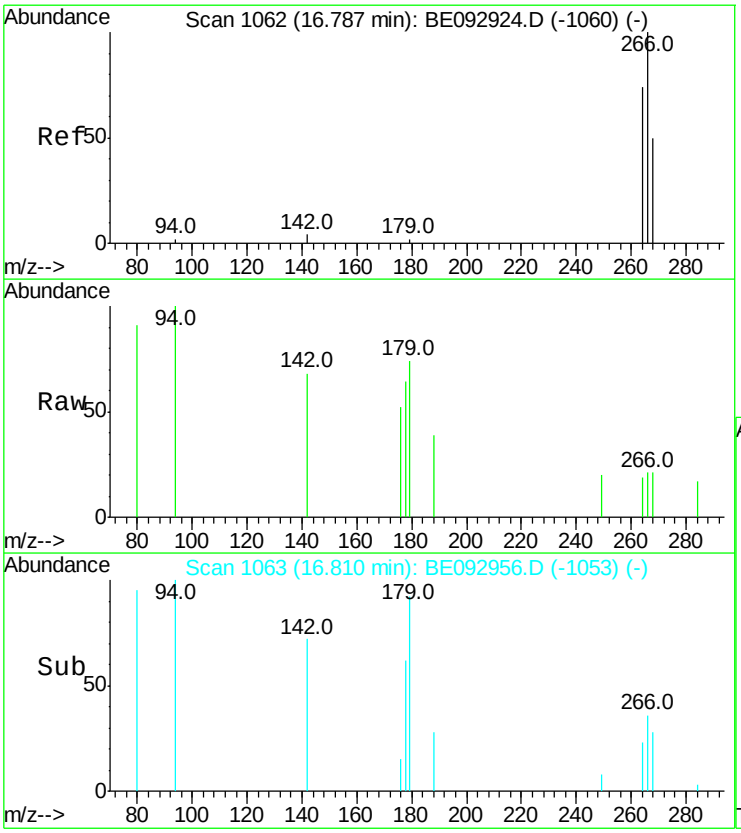
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5277

Ion	Ratio	Lower	Upper
188	100		
94	23.5	10.2	15.4#
80	23.1	10.6	15.8#

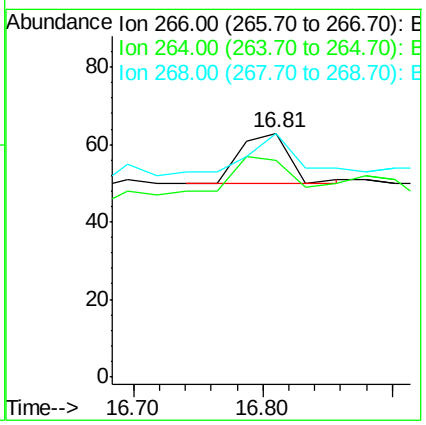


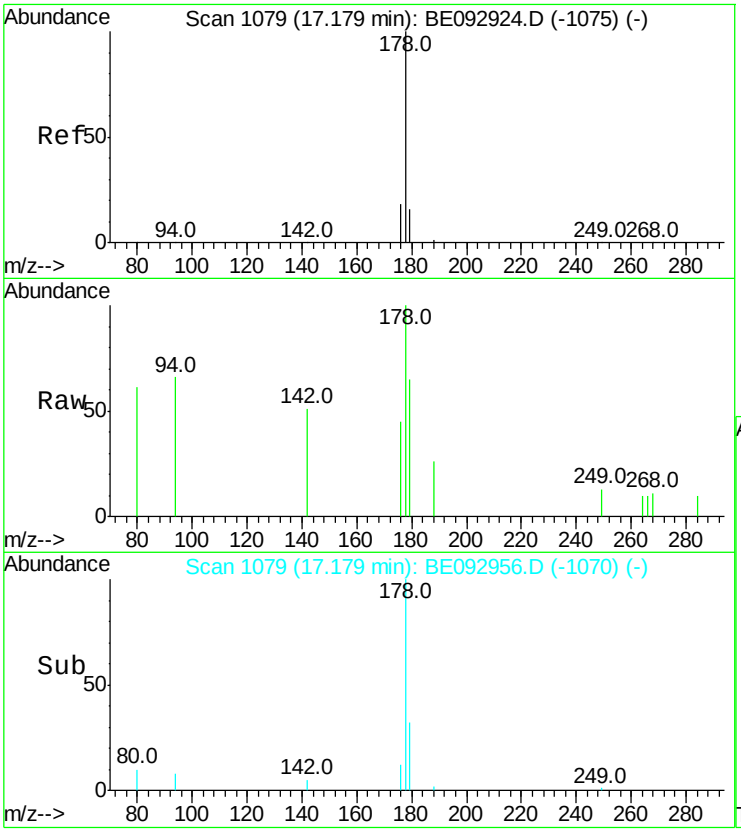


#21
Pentachlorophenol
Concen: 0.21 ng
RT: 16.81 min Scan# 1063
Delta R.T. 0.02 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Tgt Ion:266 Resp: 35

Ion	Ratio	Lower	Upper
266	100		
264	88.9	75.4	113.2
268	100.0	75.4	113.2



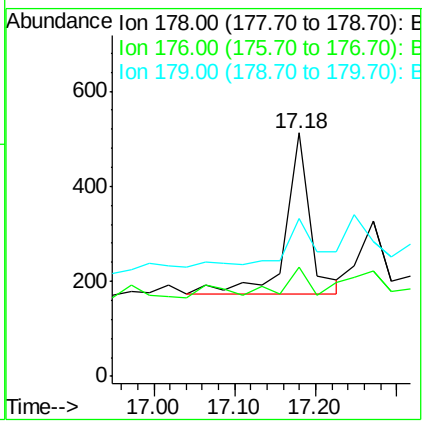


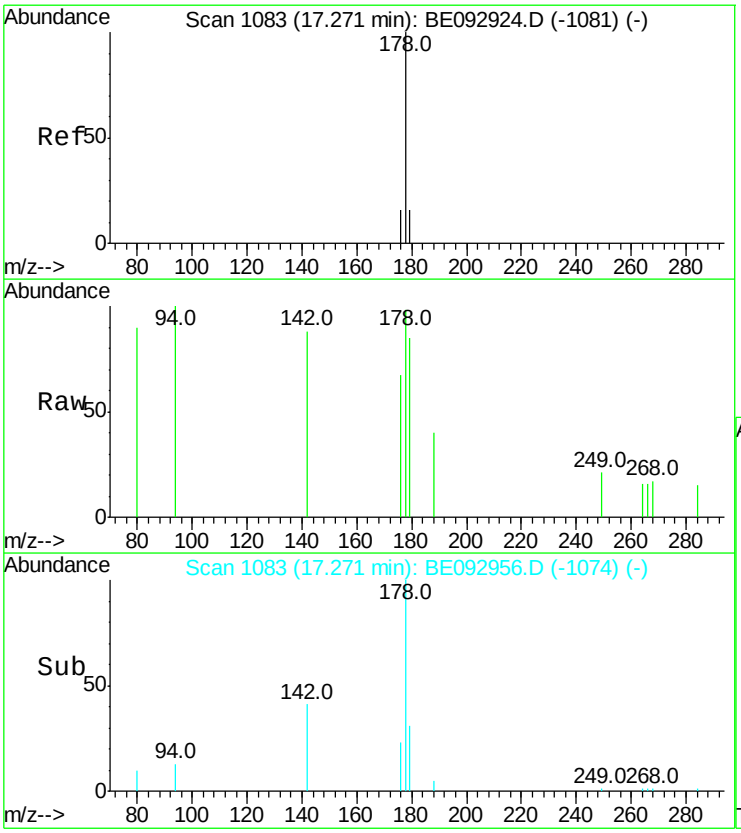
#22
Phenanthrene
Concen: 0.05 ng
RT: 17.18 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 726

Ion	Ratio	Lower	Upper
178	100		
176	16.5	14.2	21.4
179	33.7	13.6	20.4#

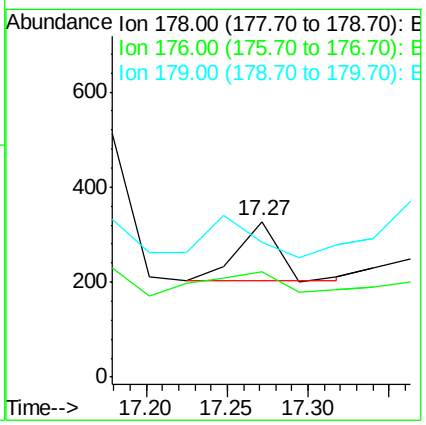


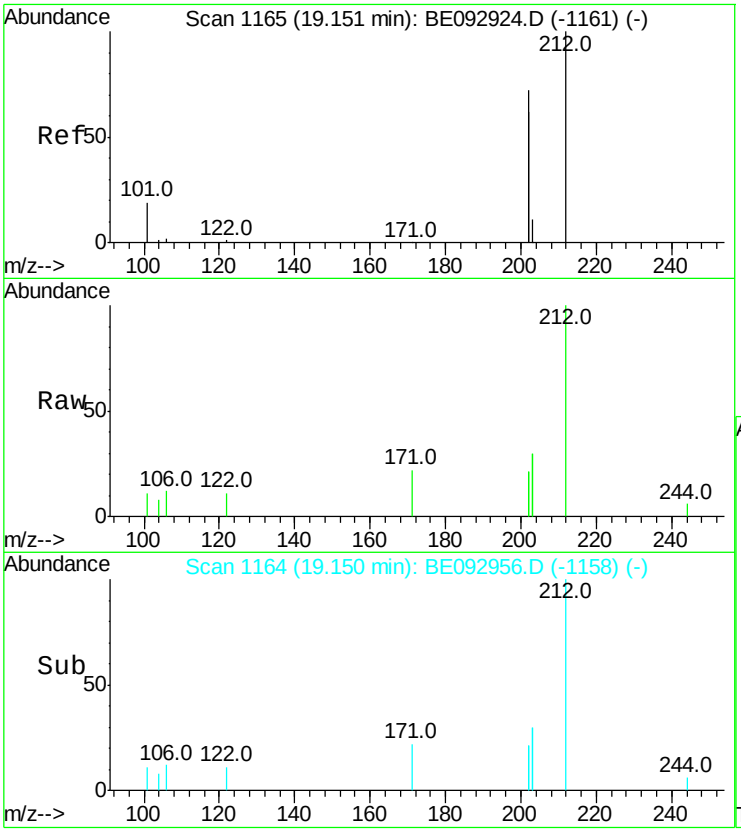


#23
Anthracene
Concen: 0.02 ng
RT: 17.27 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Tgt Ion:178 Resp: 227

Ion	Ratio	Lower	Upper
178	100		
176	79.7	14.7	22.1#
179	0.0	12.8	19.2#



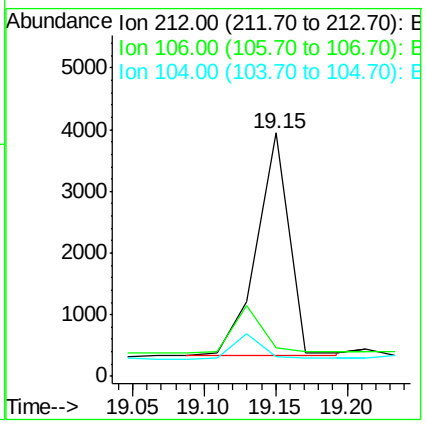


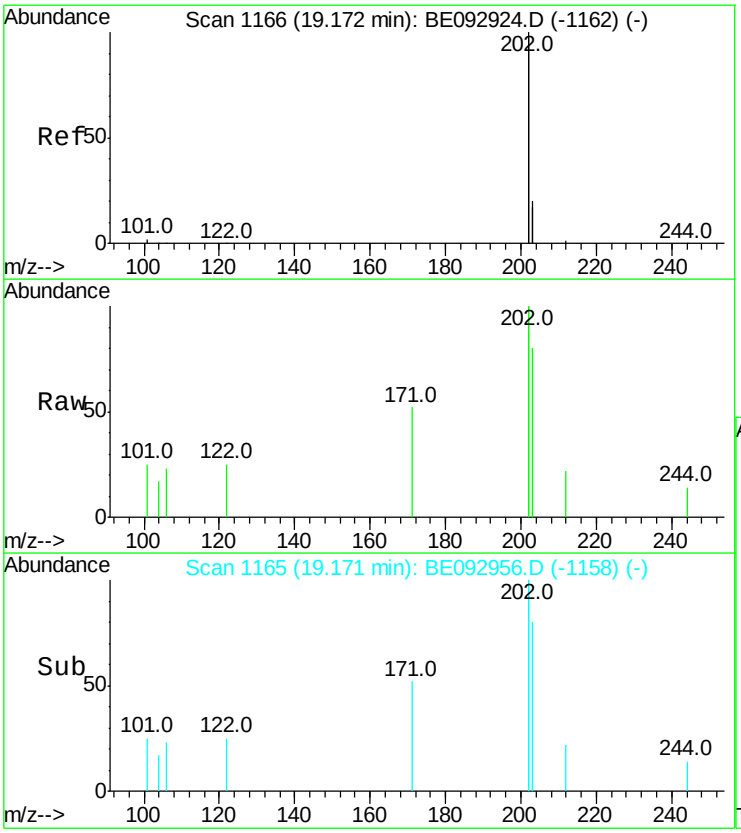
#24
Fluoranthene-d10
Concen: 0.47 ng
RT: 19.15 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 5794

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

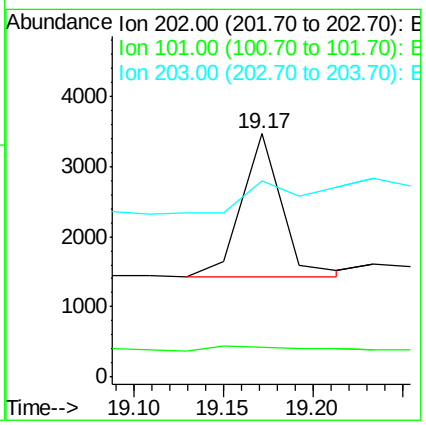


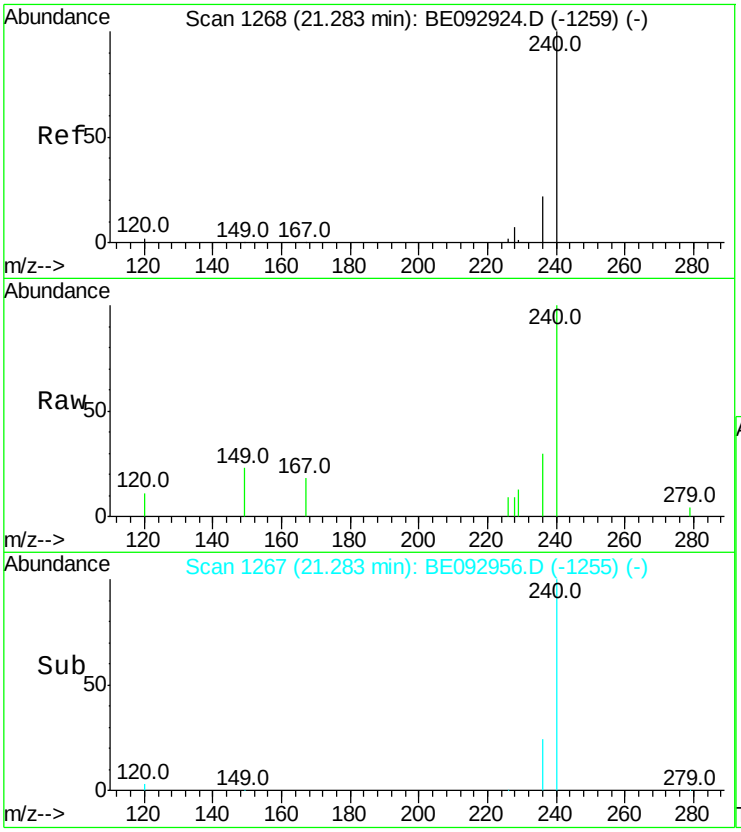


#25
Fluoranthene
Concen: 0.05 ng
RT: 19.17 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Tgt Ion:202 Resp: 3169

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



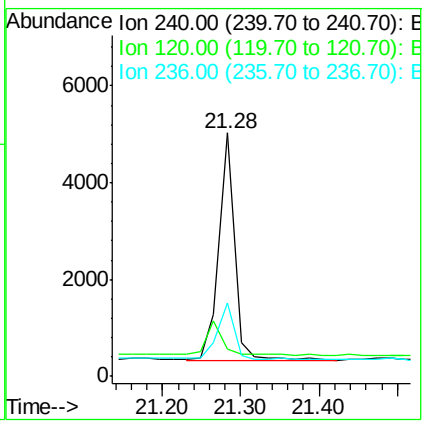


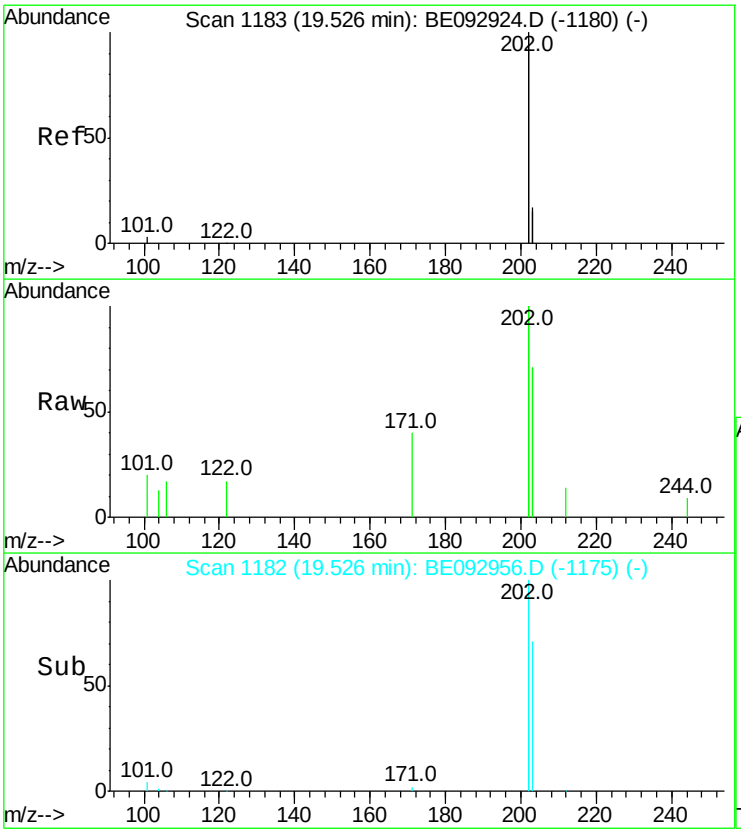
#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6448

Ion	Ratio	Lower	Upper
240	100		
120	11.5	4.6	6.8#
236	30.3	19.8	29.8#

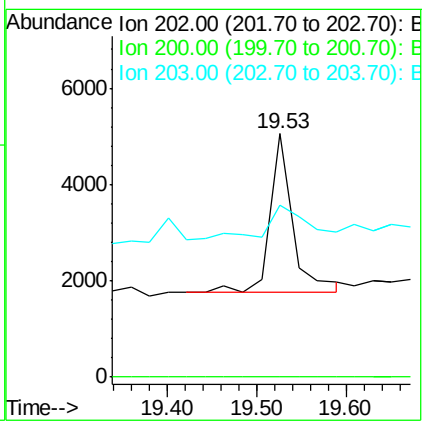


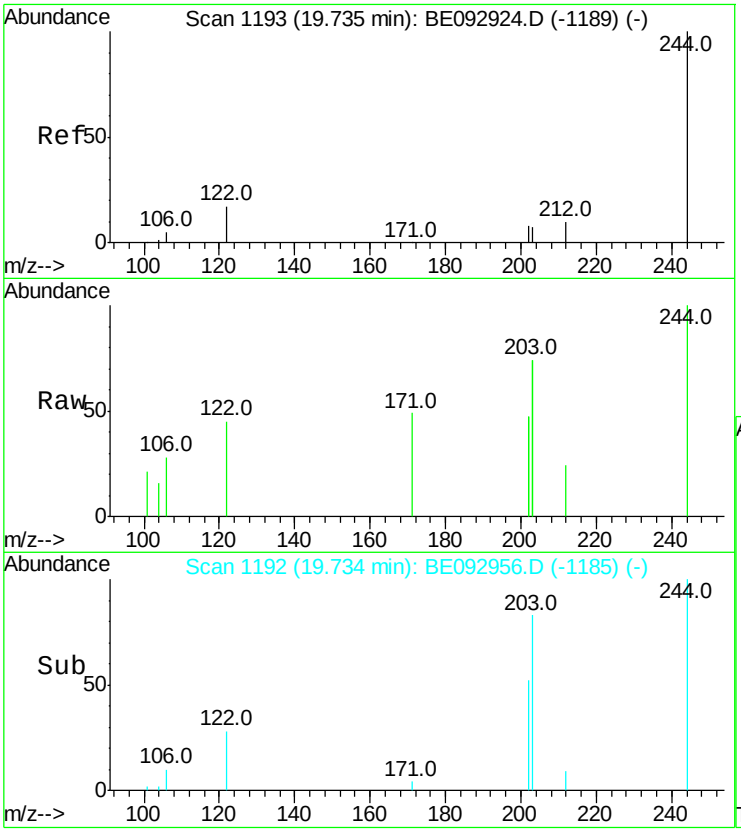


#27
Pyrene
Concen: 0.07 ng
RT: 19.53 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Tgt Ion:202 Resp: 5908

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	33.8	13.5	20.3#



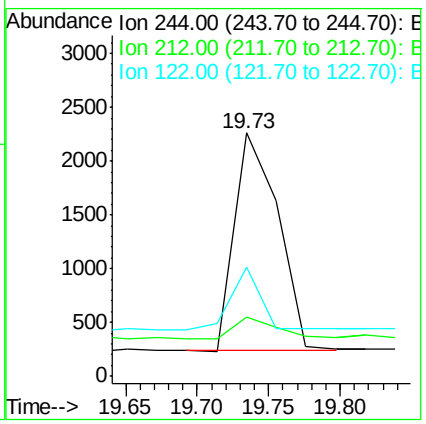


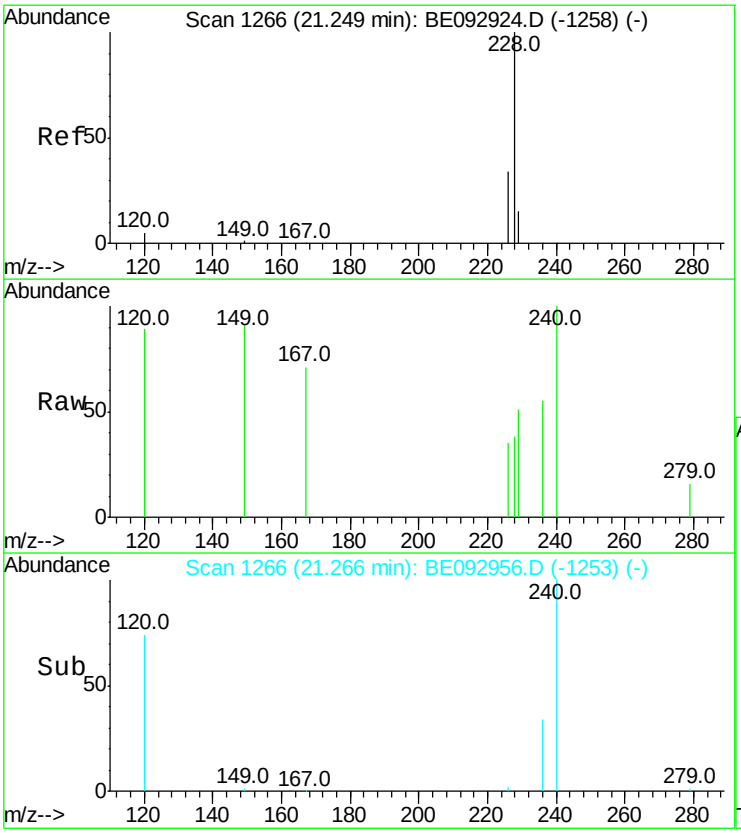
#28
Terphenyl-d14
Concen: 0.38 ng
RT: 19.73 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 4329

Ion	Ratio	Lower	Upper
244	100		
212	24.4	18.4	27.6
122	44.7	23.3	34.9#

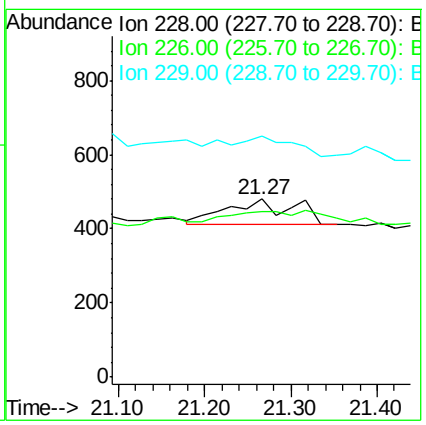


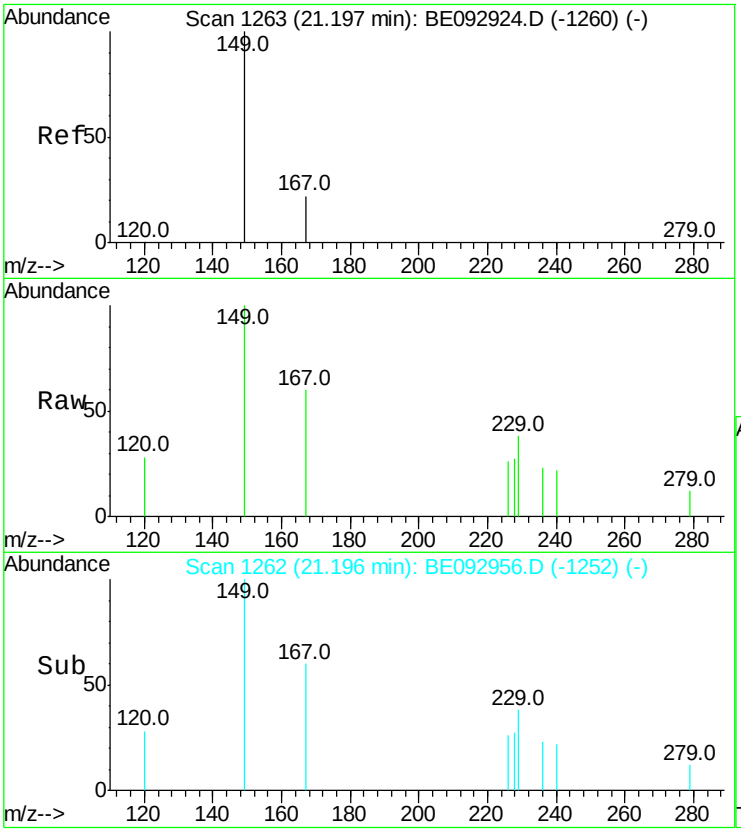


#29
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.27 min Scan# 1266
Delta R.T. 0.02 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Tgt Ion:228 Resp: 376

Ion	Ratio	Lower	Upper
228	100		
226	93.1	32.0	48.0#
229	135.8	21.4	32.0#



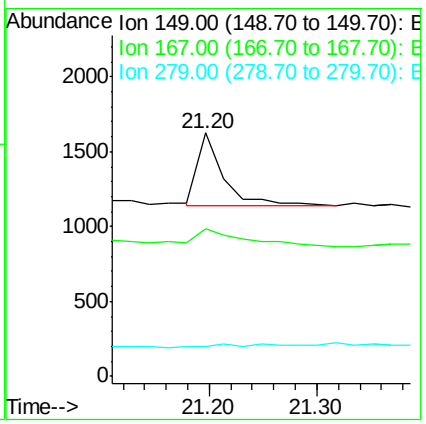


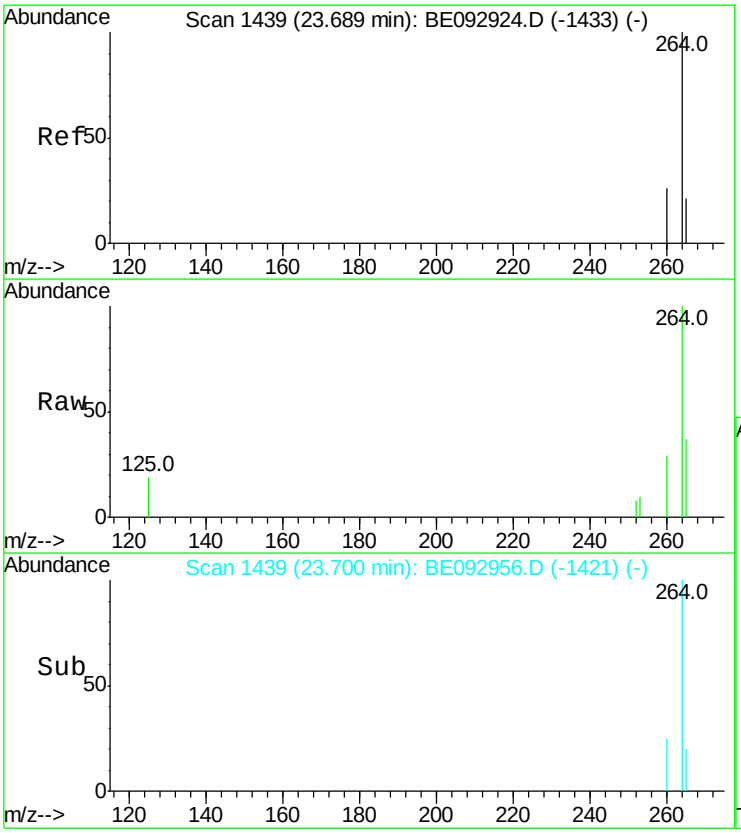
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.20 ng
RT: 21.20 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 808

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# 1439
Delta R.T. 0.01 min
Lab File: BE092956.D
Acq: 6 May 2017 7:36

Tgt Ion:264 Resp: 5361

Ion	Ratio	Lower	Upper
264	100		
260	28.8	23.5	35.3
265	36.5	27.2	40.8