Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050517\
Data File : BE092954.D
Acq On : 6 May 2017 6:22
Operator : SJ/MA
Sample : I2893-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 08 04:29:17 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	774	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	3379	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	1676	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	4397	0.40	ng		0.00
26) Chrysene-d12	21.28	240	5046	0.40	ng		0.00
33) Perylene-d12	23.70	264	4000	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	439	0.25	ng		0.00
5) Phenol-d6	6.94	99	383	0.16	ng		0.00
8) Nitrobenzene-d5	8.90	82	1121	0.49	ng		0.00
11) 2-Methylnaphthalene-d10	12.13	152	2077	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	231	0.88	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	3254	0.42	ng		0.00
24) Fluoranthene-d10	19.15	212	5091	0.50	ng		0.00
28) Terphenyl-d14	19.73	244	3439	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	37	0.02	ng	#	1
3) n-Nitrosodimethylamine	3.61	42	59	0.05	ng	#	1
6) bis(2-Chloroethyl)ether	7.20	93	124	0.04	ng	#	34
18) Fluorene	15.43	166	178	0.03	ng	#	56
21) Pentachlorophenol	16.79	266	29	0.21	ng		98
22) Phenanthrene	17.18	178	419	0.03	ng	#	67
25) Fluoranthene	19.17	202	2115	0.04	ng	#	58
27) Pyrene	19.53	202	3256	0.05	ng	#	67
29) Benzo(a)anthracene	21.27	228	251	0.02	ng	#	1
31) Bis(2-ethylhexyl)phthalate	21.20	149	1809	0.56	ng	#	94

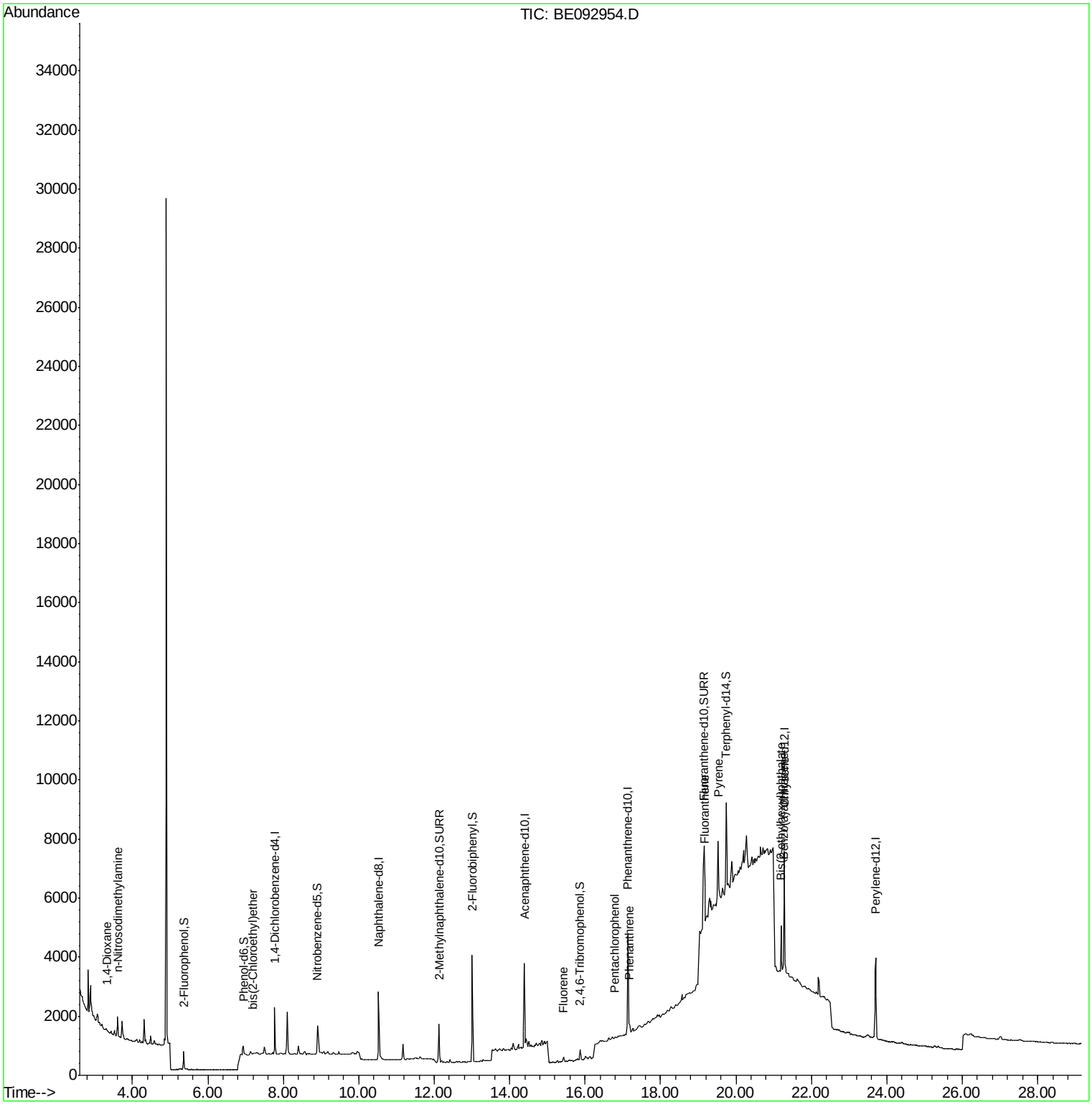
(#) = qualifier out of range (m) = manual integration (+) = signals summed

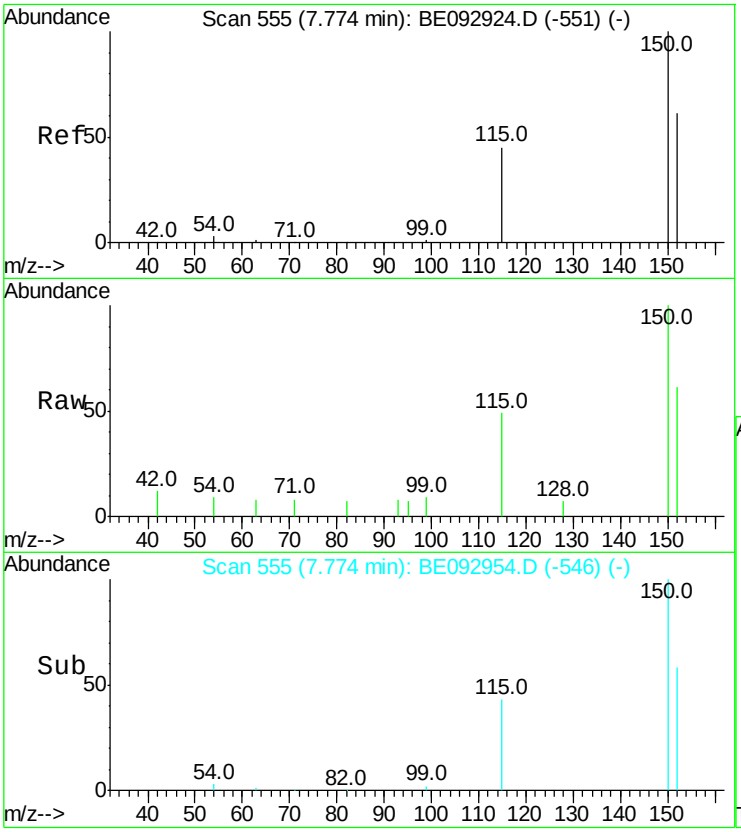
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050517\
Data File : BE092954.D
Acq On : 6 May 2017 6:22
Operator : SJ/MA
Sample : I2893-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 08 04:29:17 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



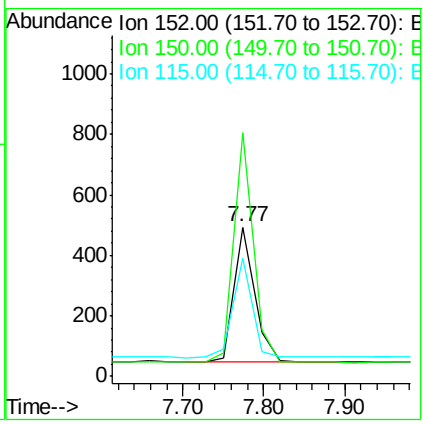


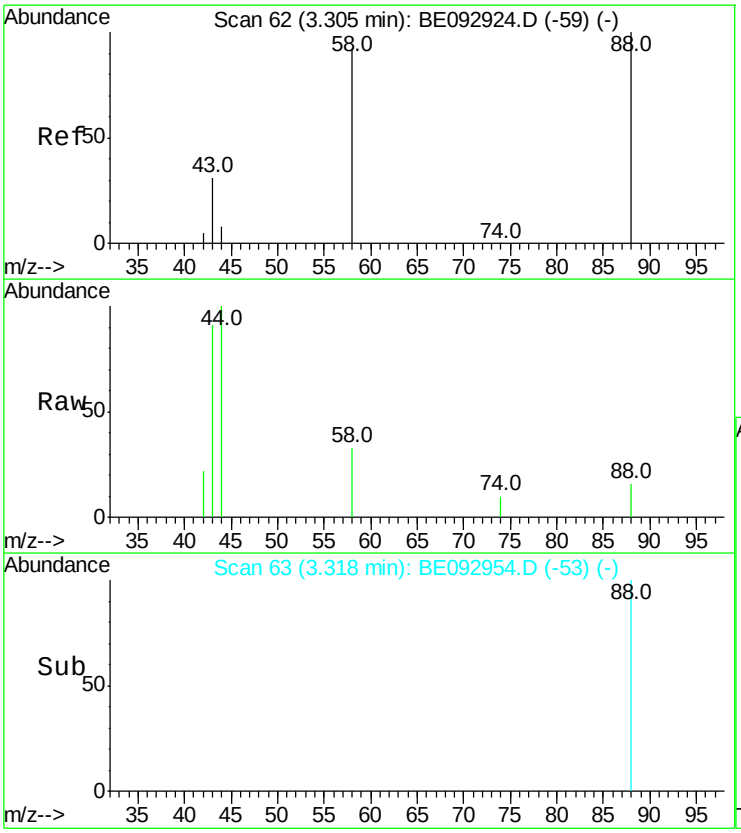
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092954.D
Acq: 6 May 2017 6:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 774

Ion	Ratio	Lower	Upper
152	100		
150	163.0	129.9	194.9
115	79.1	62.6	93.8

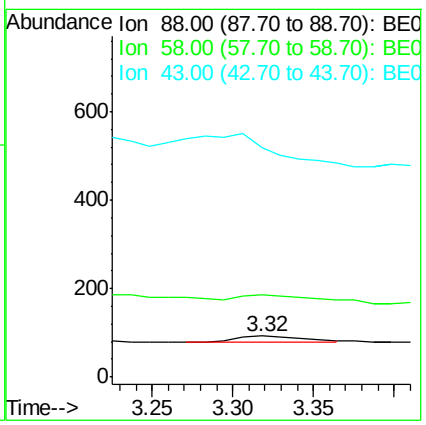


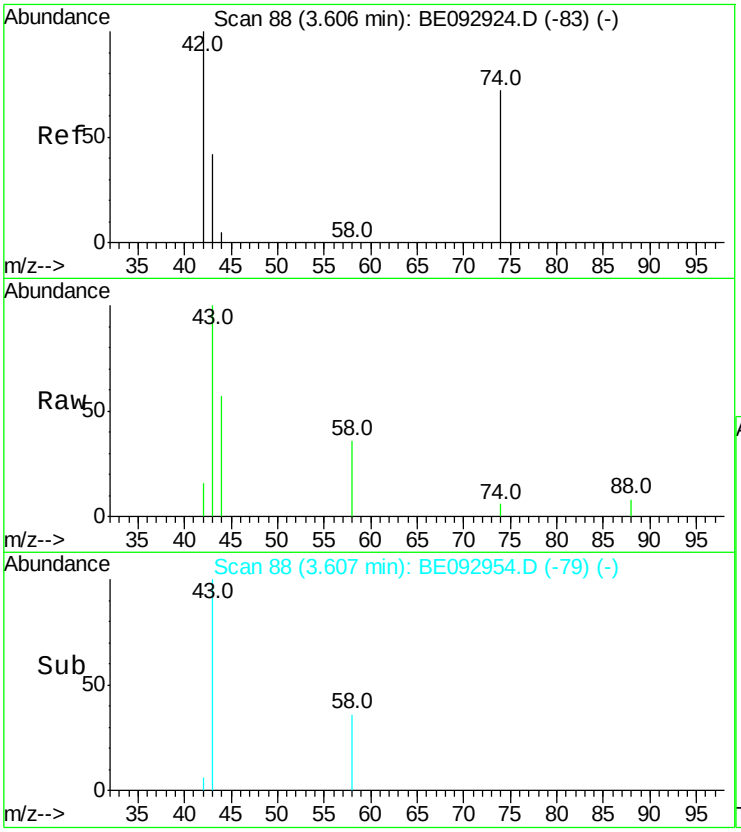


#2
1,4-Dioxane
Concen: 0.02 ng
RT: 3.32 min Scan# 63
Delta R.T. 0.01 min
Lab File: BE092954.D
Acq: 6 May 2017 6:22

Tgt Ion: 88 Resp: 37

Ion	Ratio	Lower	Upper
88	100		
58	78.4	64.9	97.3
43	645.9	26.6	40.0#



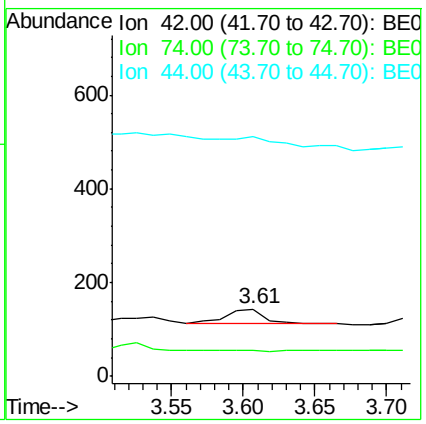


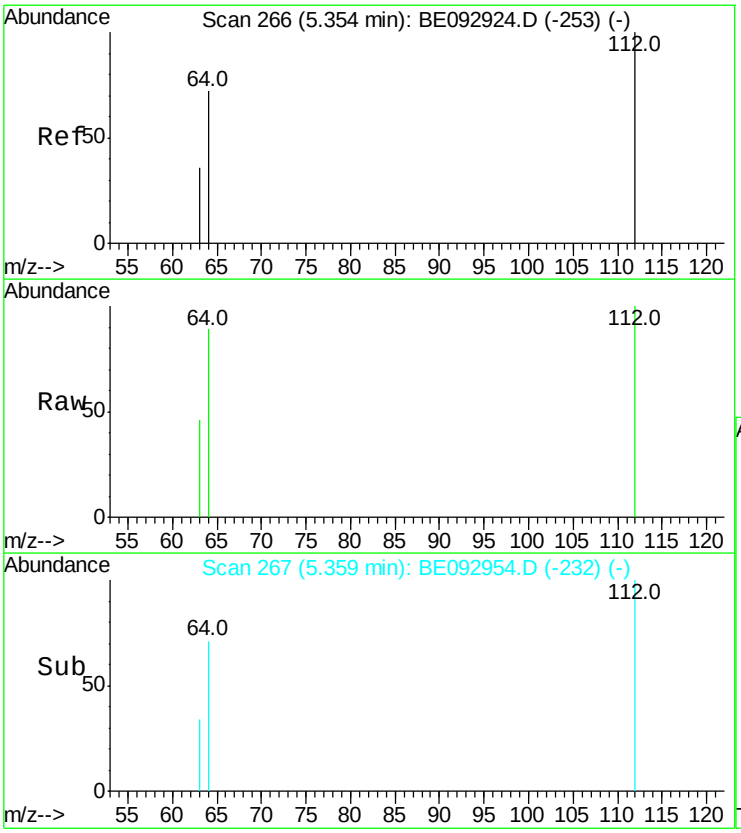
#3
n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 3.61 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE092954.D
Acq: 6 May 2017 6:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 59

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

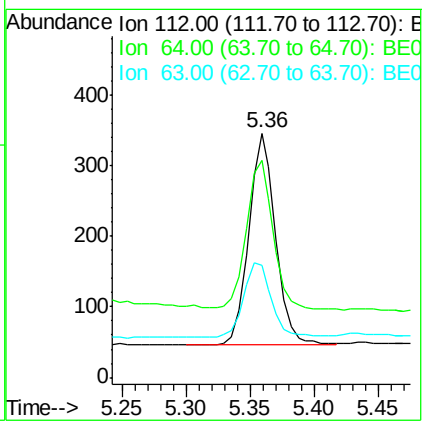


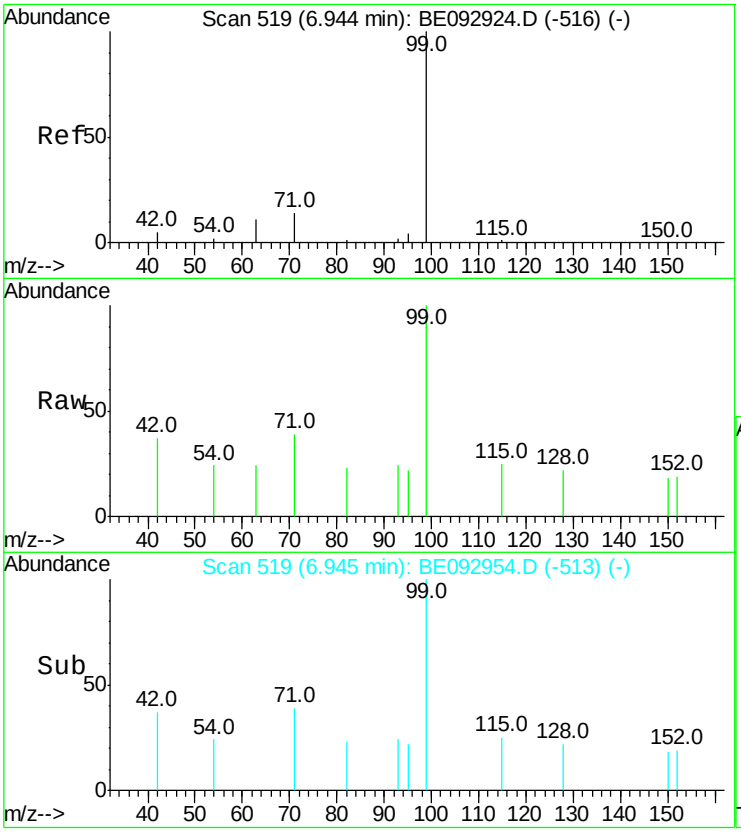


#4
2-Fluorophenol
Concen: 0.25 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.01 min
Lab File: BE092954.D
Acq: 6 May 2017 6:22

Tgt Ion:112 Resp: 439

Ion	Ratio	Lower	Upper
112	100		
64	69.7	52.6	79.0
63	36.2	29.0	43.4



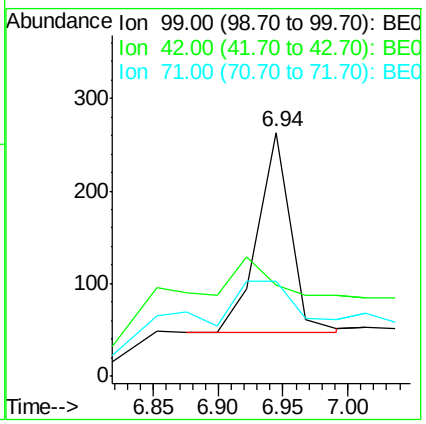


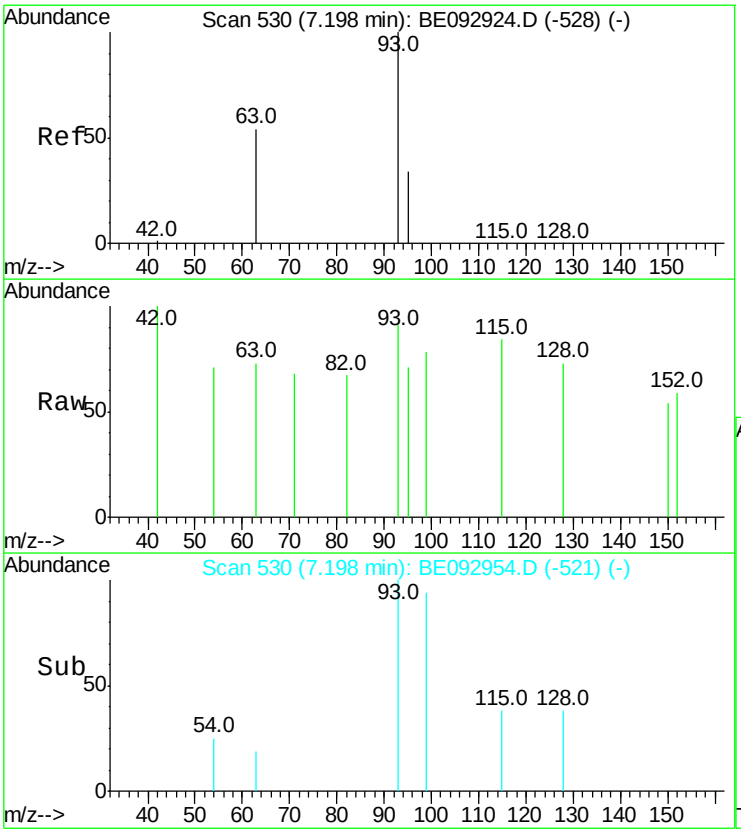
#5
Phenol-d6
Concen: 0.16 ng
RT: 6.94 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE092954.D
Acq: 6 May 2017 6:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 383

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

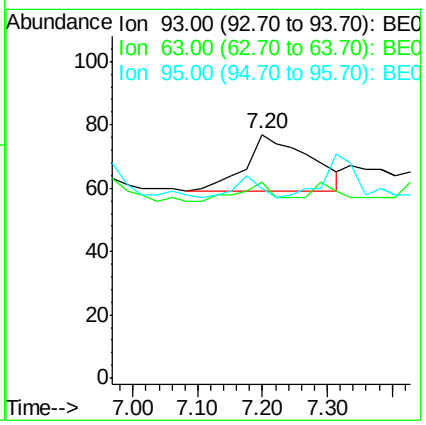


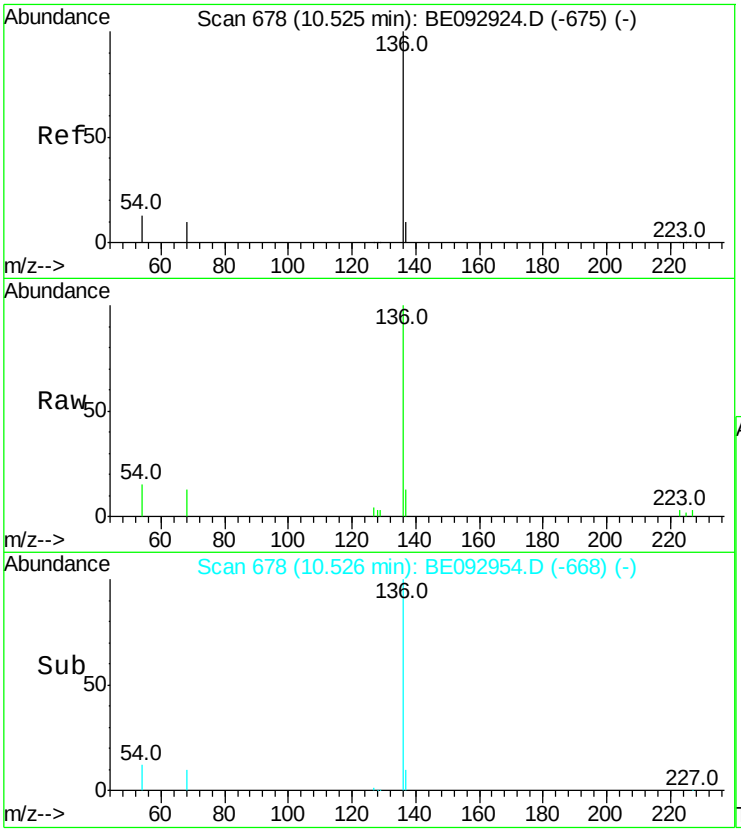


#6
bis(2-Chloroethyl)ether
Concen: 0.04 ng
RT: 7.20 min Scan# 530
Delta R.T. 0.00 min
Lab File: BE092954.D
Acq: 6 May 2017 6:22

Tgt Ion: 93 Resp: 124

Ion	Ratio	Lower	Upper
93	100		
63	16.9	61.2	91.8#
95	0.0	25.5	38.3#



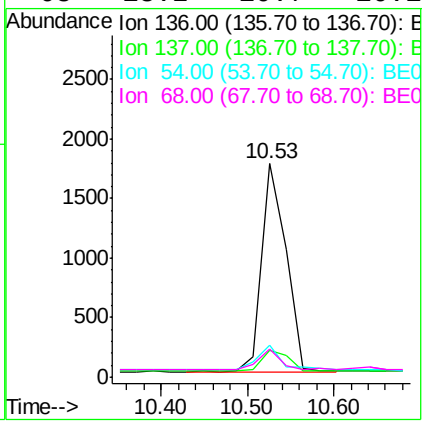


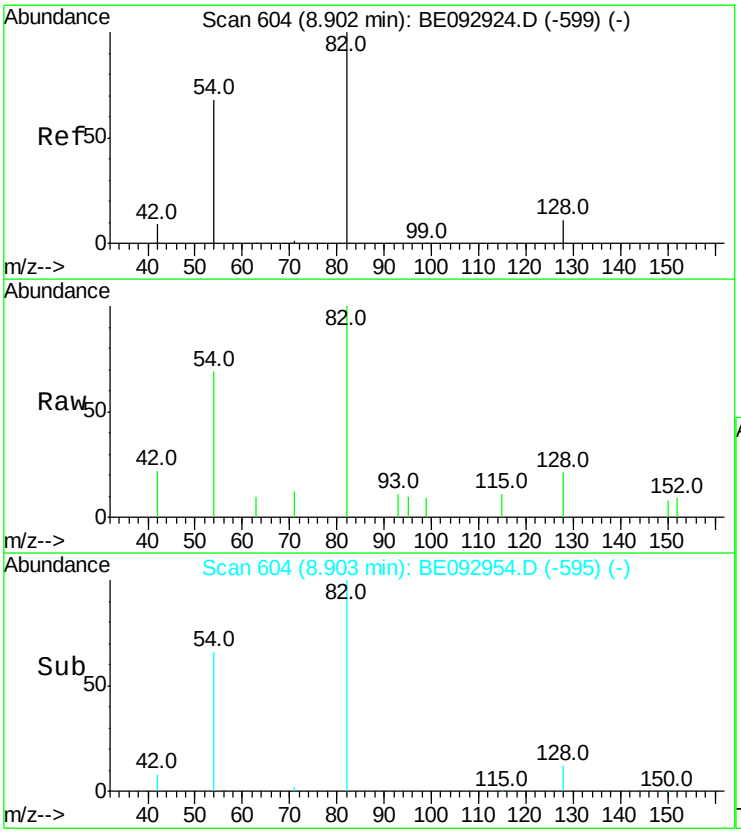
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. 0.00 min
Lab File: BE092954.D
Acq: 6 May 2017 6:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3379

Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.4	15.6
54	14.9	12.6	18.8
68	13.2	10.7	16.1

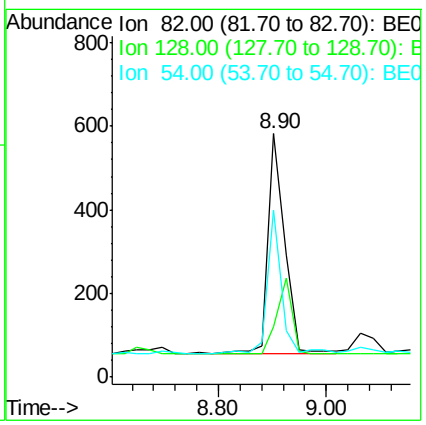


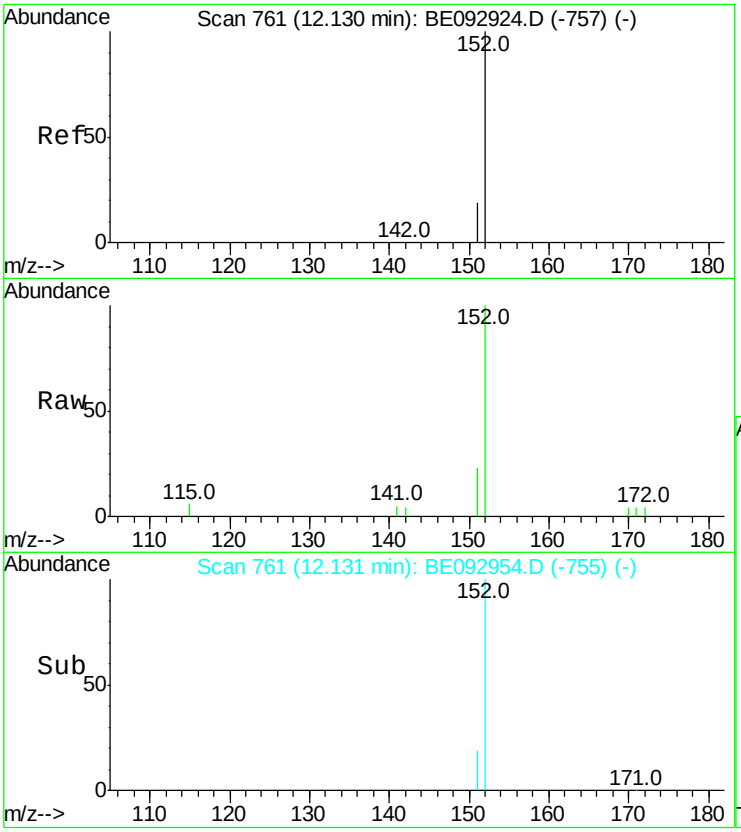


#8
Nitrobenzene-d5
Concen: 0.49 ng
RT: 8.90 min Scan# 604
Delta R.T. 0.00 min
Lab File: BE092954.D
Acq: 6 May 2017 6:22

Tgt Ion: 82 Resp: 1121

Ion	Ratio	Lower	Upper
82	100		
128	20.6	35.3	52.9#
54	68.7	65.1	97.7



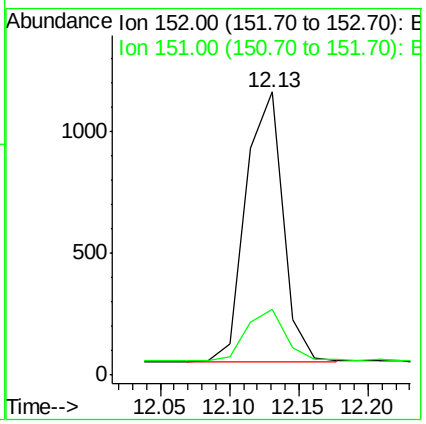


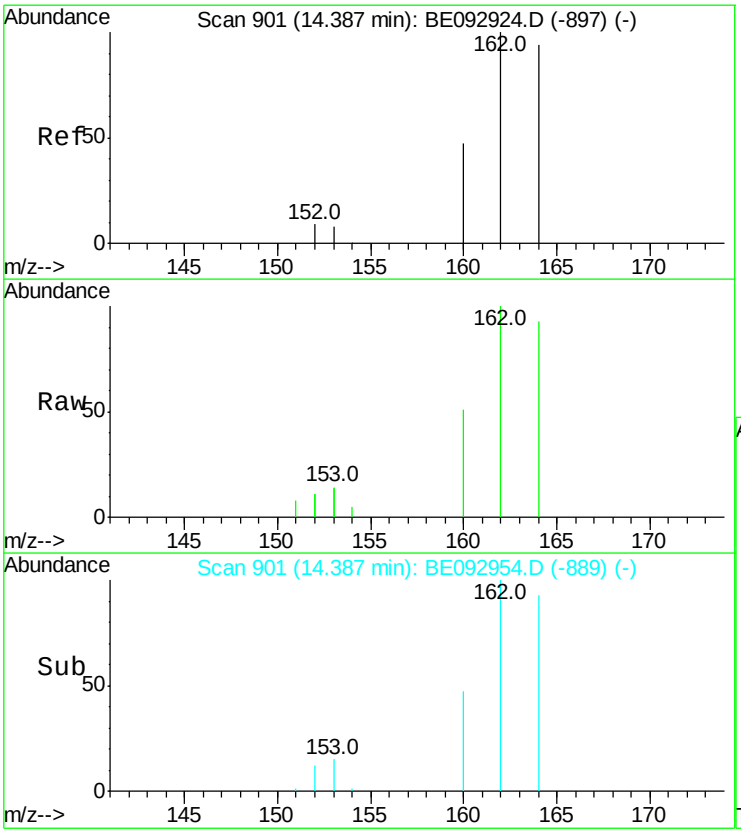
#11
2-Methylnaphthalene-d10
Concen: 0.41 ng
RT: 12.13 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE092954.D
Acq: 6 May 2017 6:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2077

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5

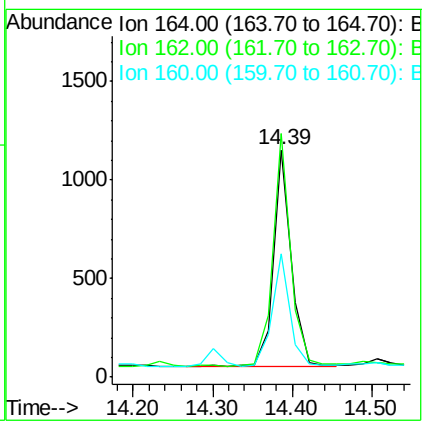


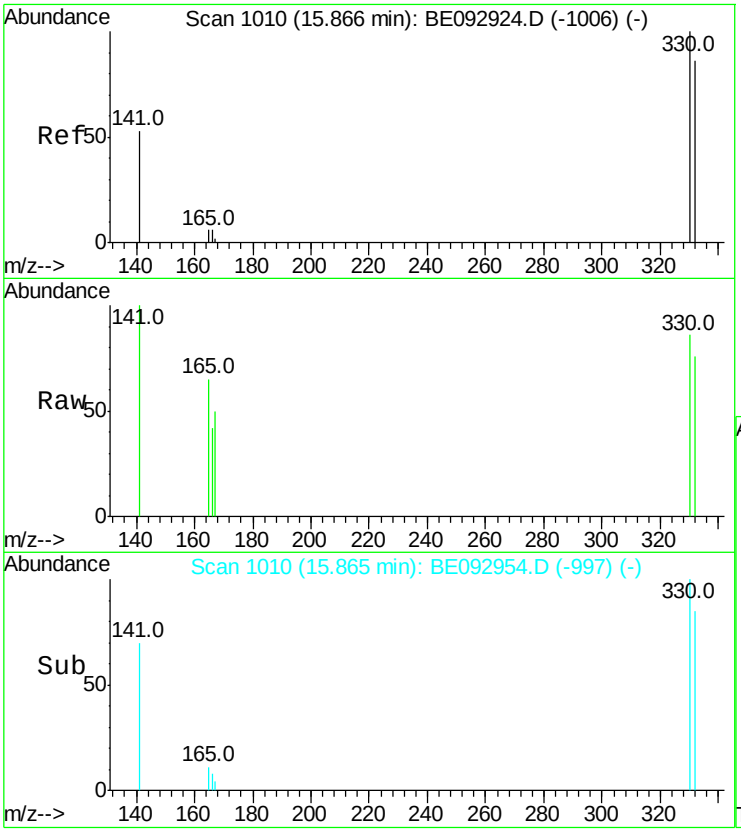


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE092954.D
Acq: 6 May 2017 6:22

Tgt Ion:164 Resp: 1676

Ion	Ratio	Lower	Upper
164	100		
162	107.2	86.6	130.0
160	54.4	44.5	66.7



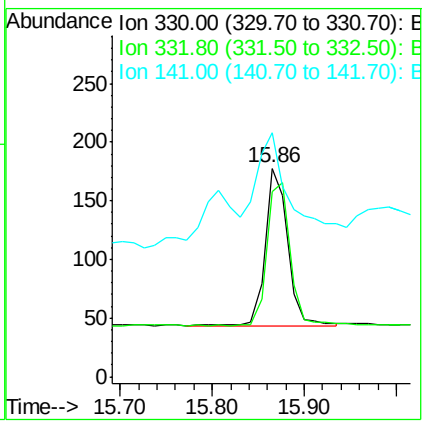


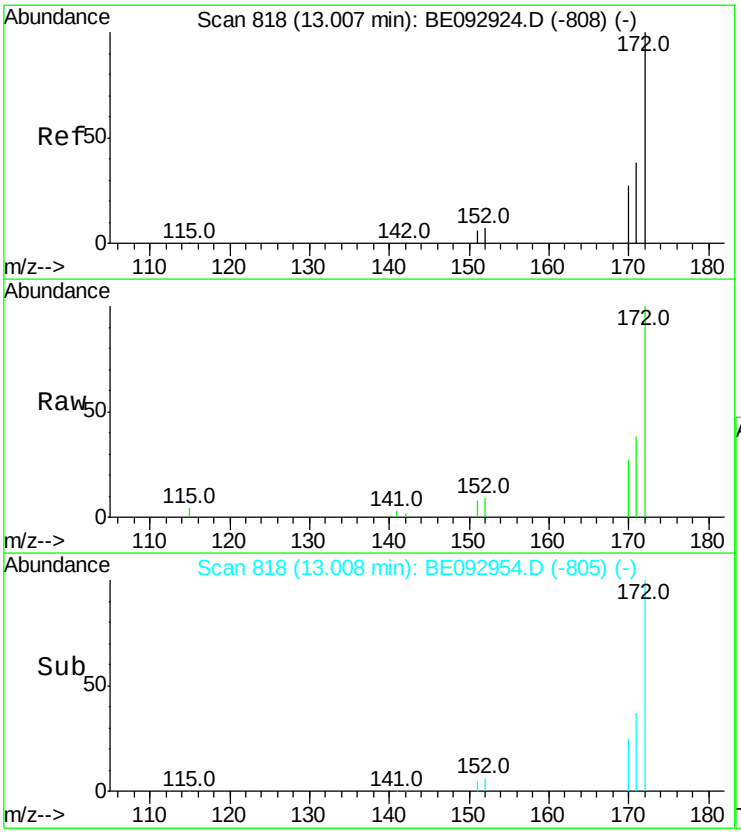
#14
2,4,6-Tribromophenol
Concen: 0.88 ng
RT: 15.86 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BE092954.D
Acq: 6 May 2017 6:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 231

Ion	Ratio	Lower	Upper
330	100		
332	94.8	69.1	103.7
141	84.4	54.6	81.8#

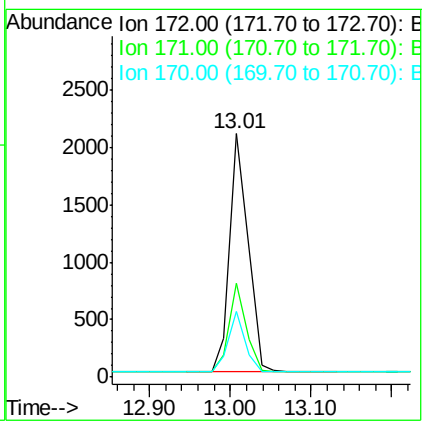


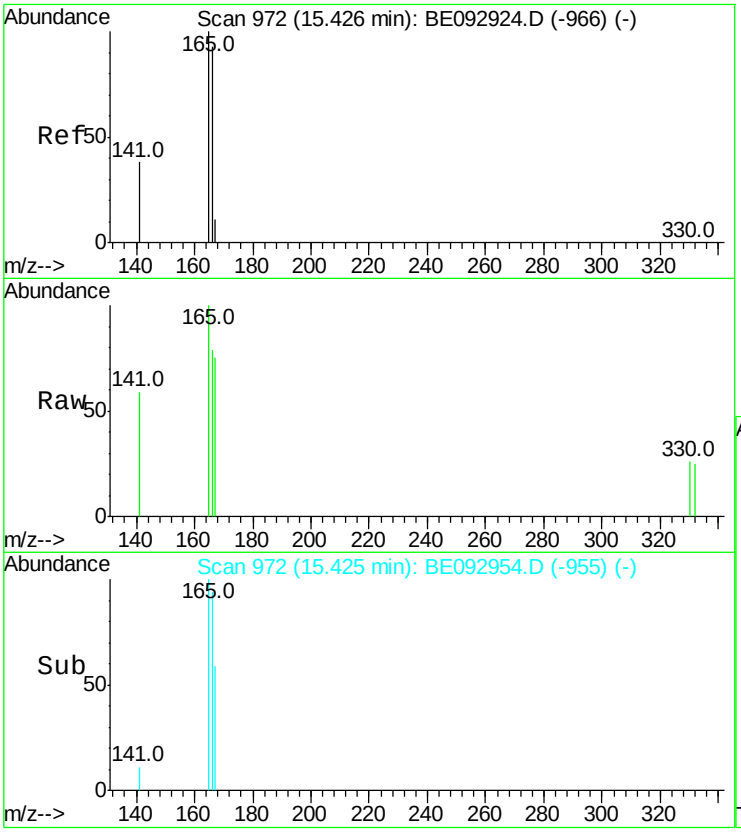


#15
2-Fluorobiphenyl
Concen: 0.42 ng
RT: 13.01 min Scan# 818
Delta R.T. 0.00 min
Lab File: BE092954.D
Acq: 6 May 2017 6:22

Tgt Ion:172 Resp: 3254

Ion	Ratio	Lower	Upper
172	100		
171	38.3	35.8	53.6
170	27.0	28.5	42.7#



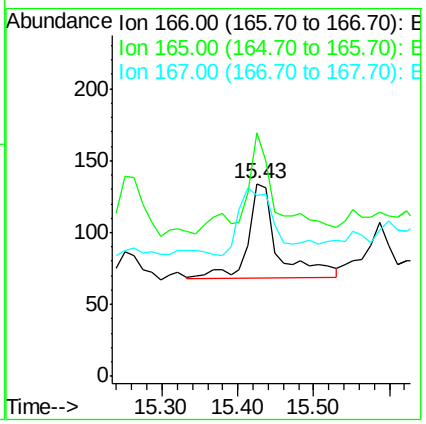


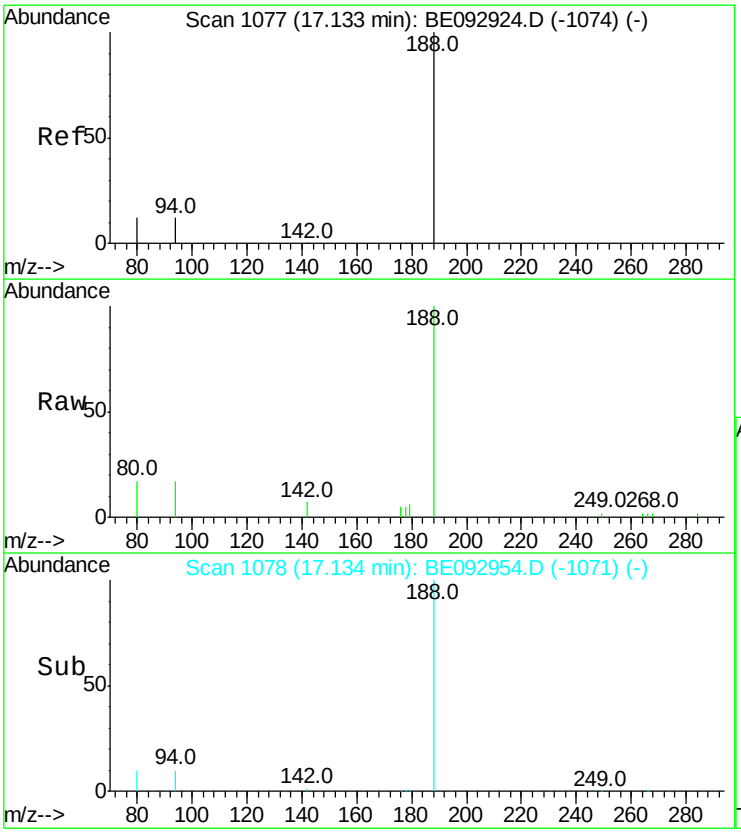
#18
Fluorene
Concen: 0.03 ng
RT: 15.43 min Scan# 972
Delta R.T. -0.00 min
Lab File: BE092954.D
Acq: 6 May 2017 6:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 178

Ion	Ratio	Lower	Upper
166	100		
165	73.6	80.7	121.1#
167	80.9	11.3	16.9#

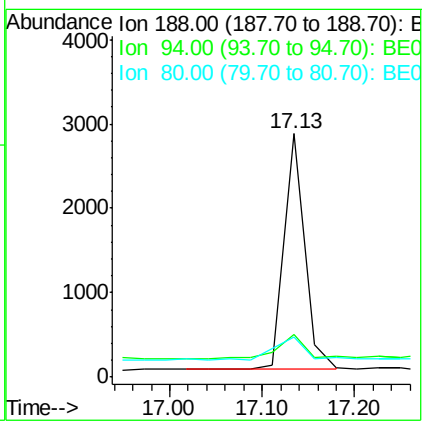


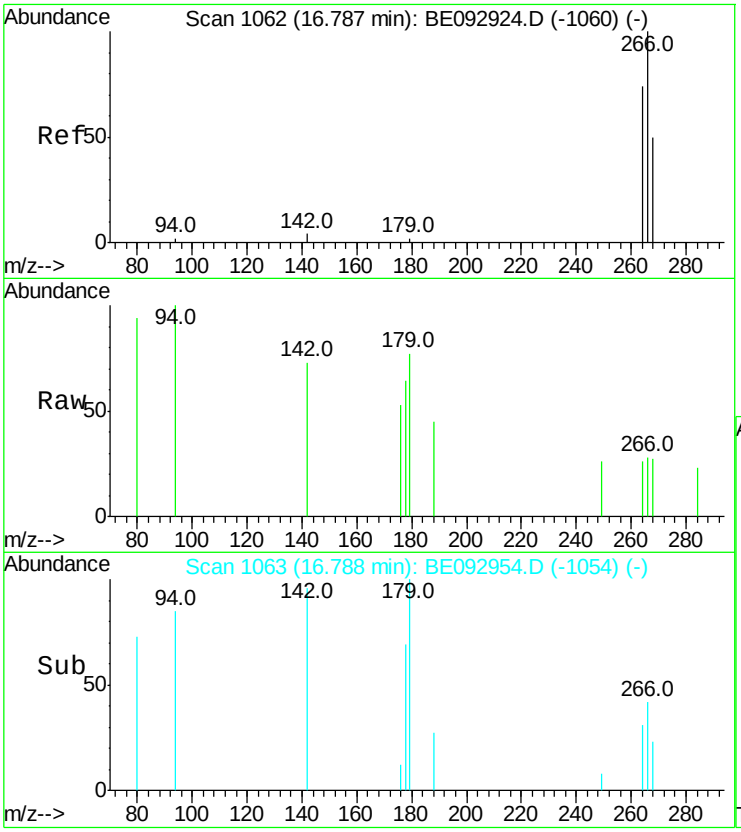


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BE092954.D
Acq: 6 May 2017 6:22

Tgt Ion:188 Resp: 4397

Ion	Ratio	Lower	Upper
188	100		
94	17.5	10.2	15.4#
80	16.7	10.6	15.8#



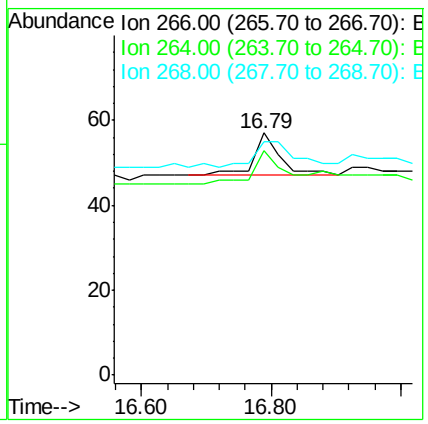


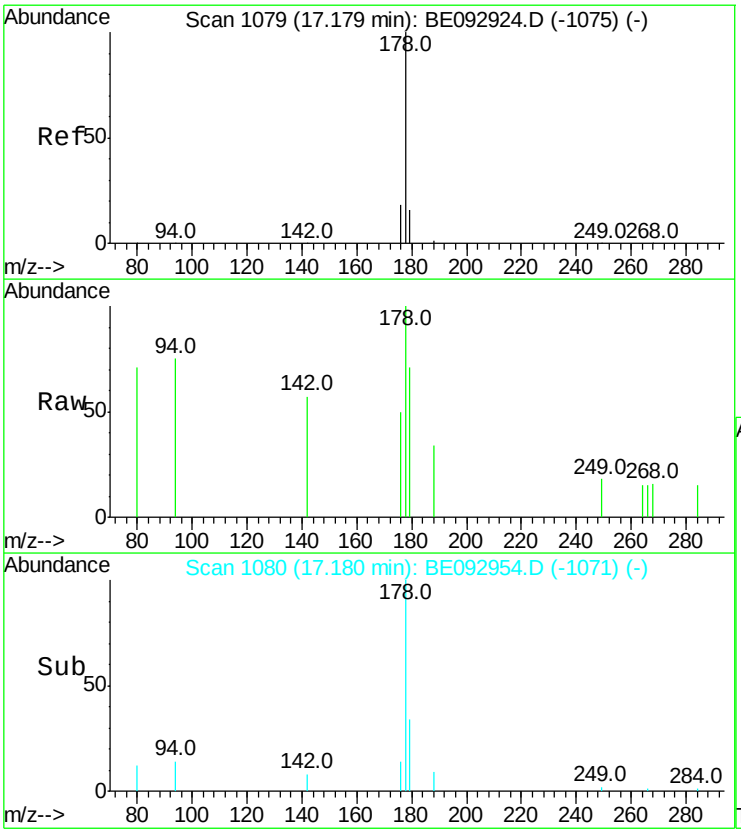
#21
Pentachlorophenol
Concen: 0.21 ng
RT: 16.79 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BE092954.D
Acq: 6 May 2017 6:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 29

Ion	Ratio	Lower	Upper
266	100		
264	93.0	75.4	113.2
268	96.5	75.4	113.2

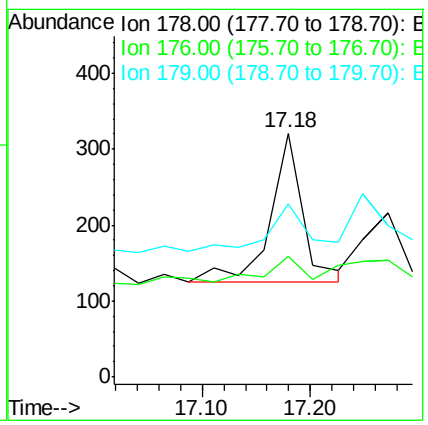


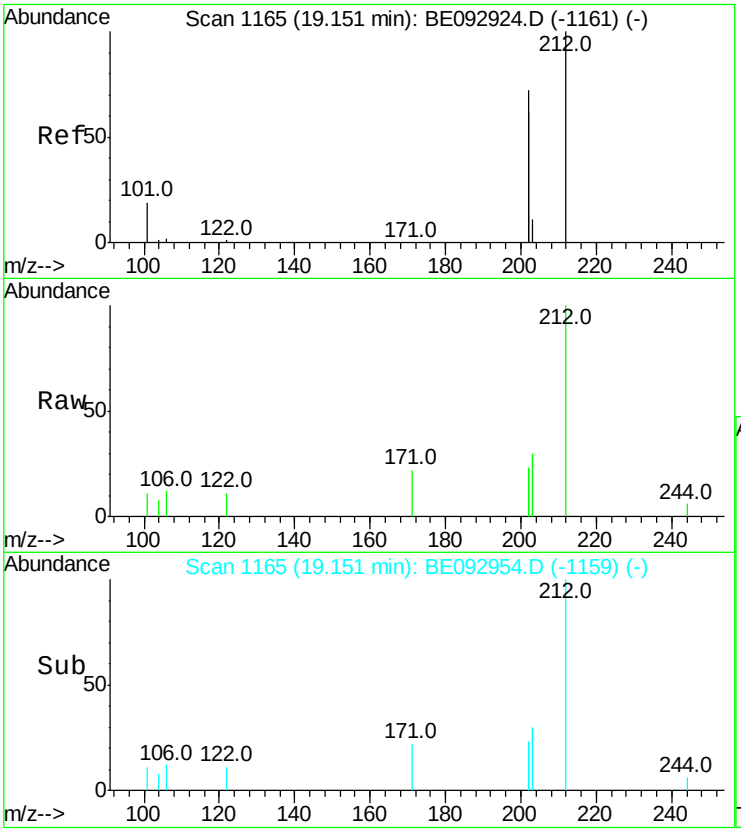


#22
Phenanthrene
Concen: 0.03 ng
RT: 17.18 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BE092954.D
Acq: 6 May 2017 6:22

Tgt Ion:178 Resp: 419

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.2	21.4
179	44.9	13.6	20.4#



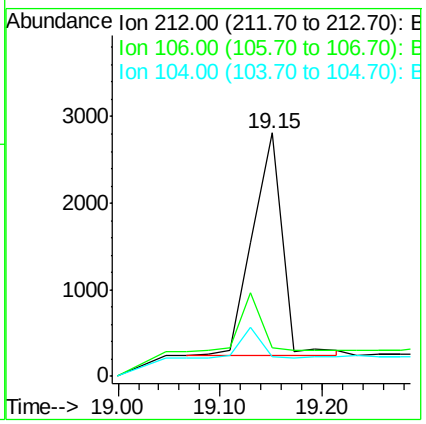


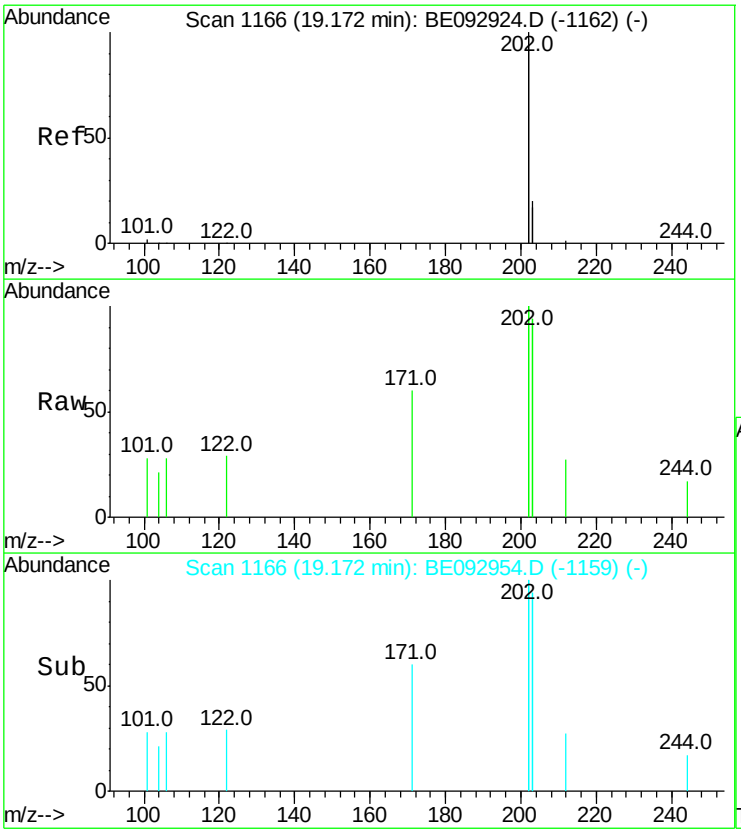
#24
Fluoranthene-d10
Concen: 0.50 ng
RT: 19.15 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BE092954.D
Acq: 6 May 2017 6:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 5091

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

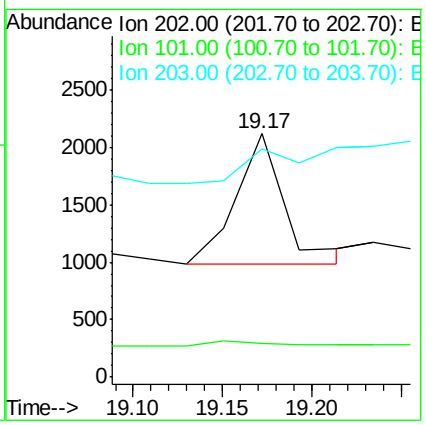


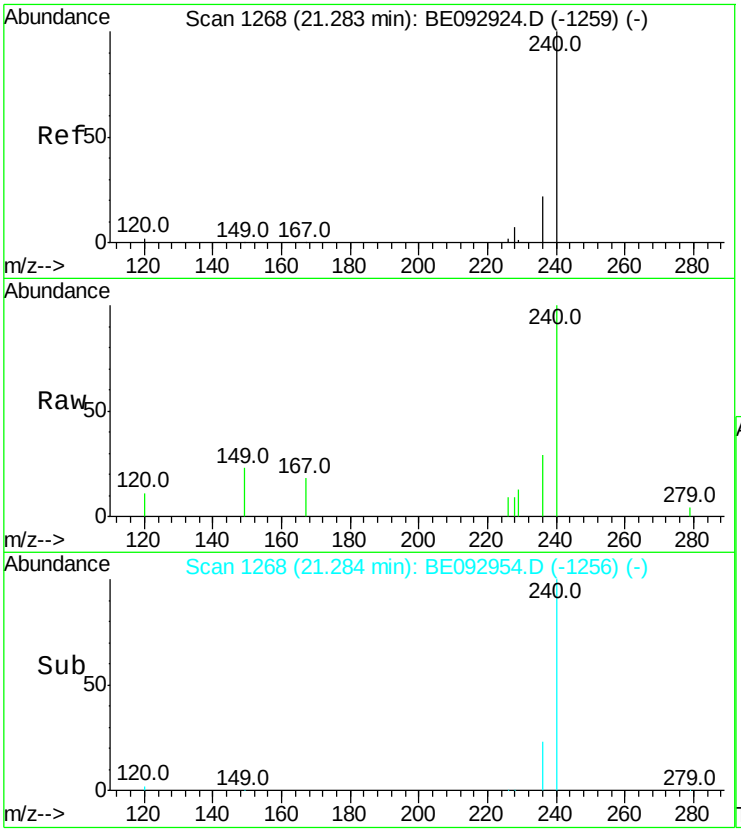


#25
Fluoranthene
Concen: 0.04 ng
RT: 19.17 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BE092954.D
Acq: 6 May 2017 6:22

Tgt Ion:202 Resp: 2115

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



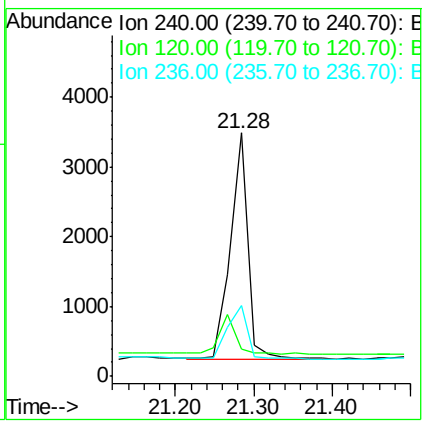


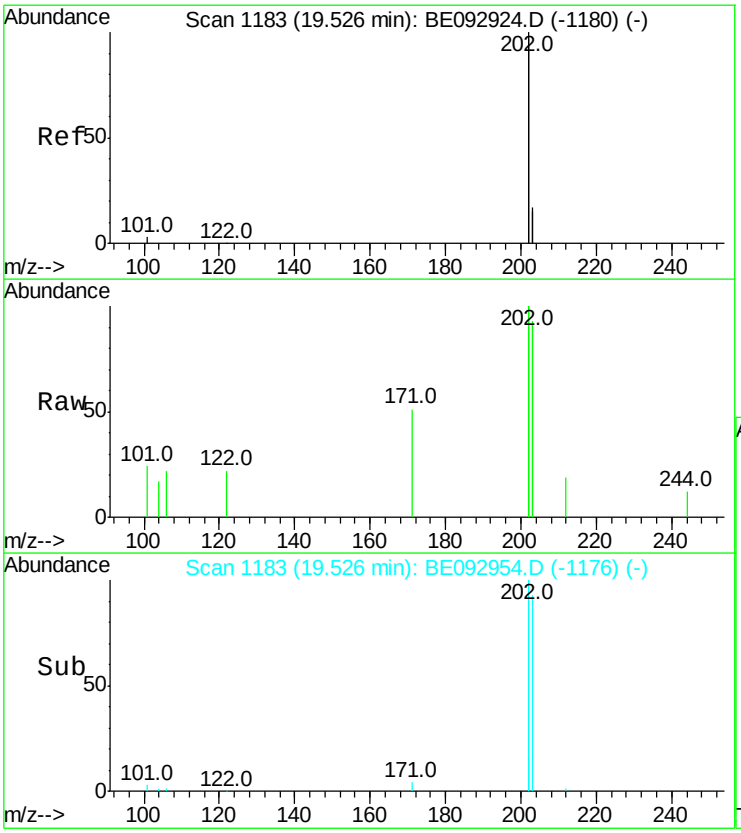
#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BE092954.D
Acq: 6 May 2017 6:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 5046

Ion	Ratio	Lower	Upper
240	100		
120	11.2	4.6	6.8#
236	29.0	19.8	29.8

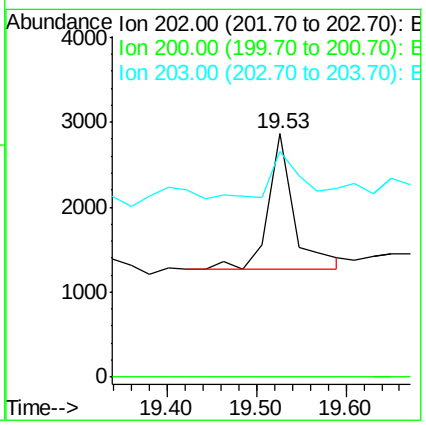


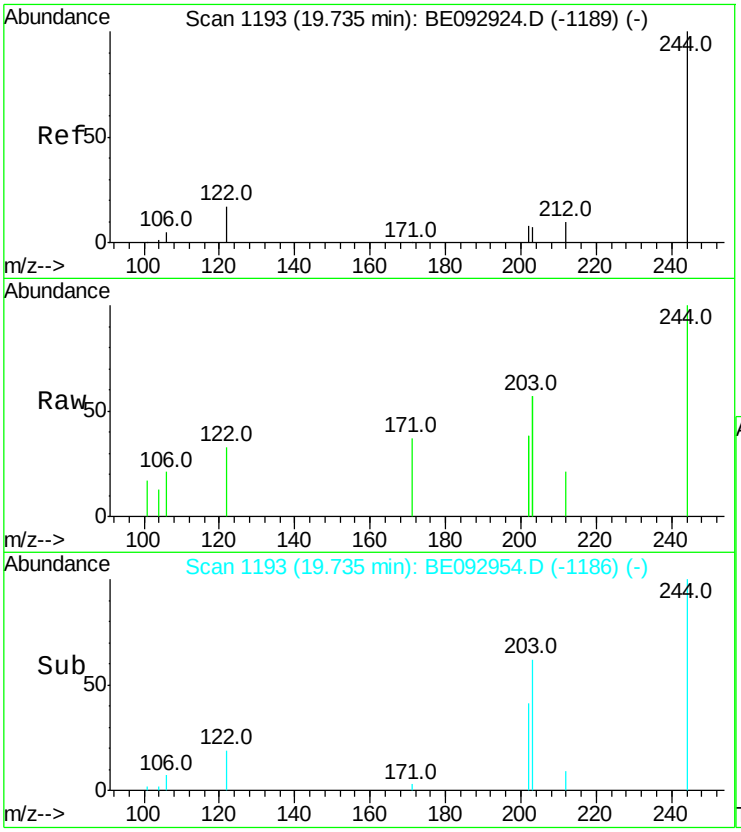


#27
Pyrene
Concen: 0.05 ng
RT: 19.53 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE092954.D
Acq: 6 May 2017 6:22

Tgt Ion:202 Resp: 3256

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	31.3	13.5	20.3#



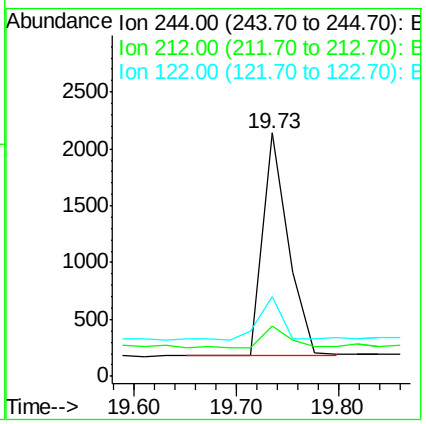


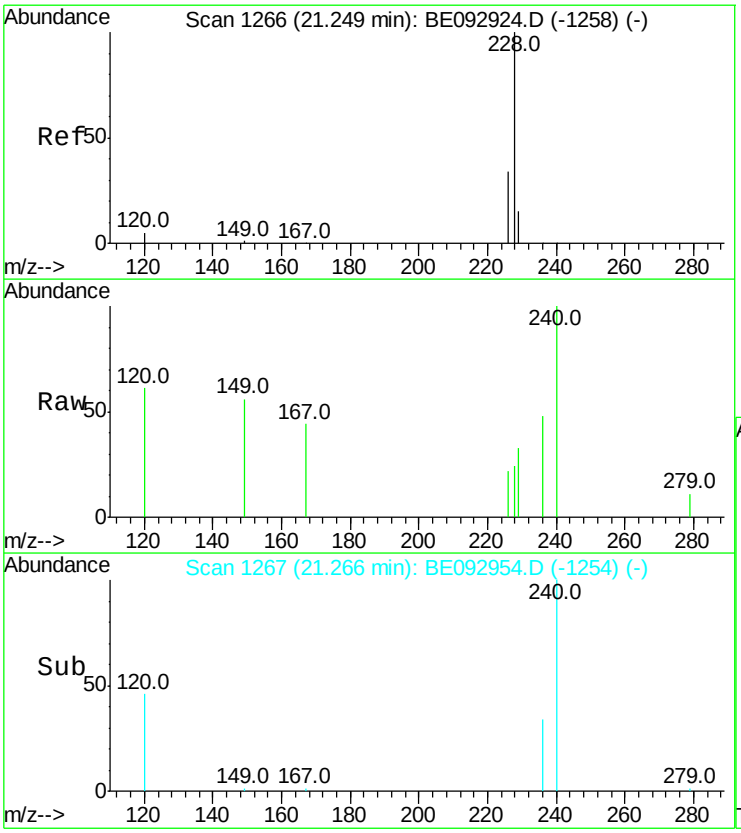
#28
Terphenyl-d14
Concen: 0.39 ng
RT: 19.73 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE092954.D
Acq: 6 May 2017 6:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 3439

Ion	Ratio	Lower	Upper
244	100		
212	20.9	18.4	27.6
122	32.6	23.3	34.9

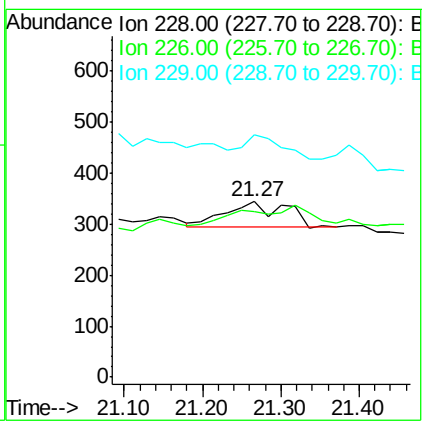


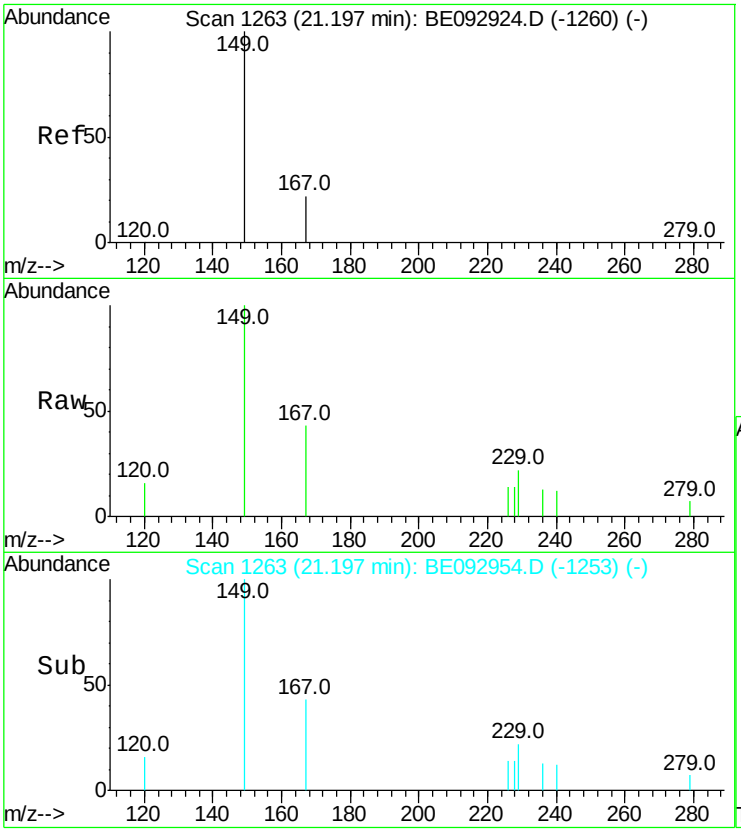


#29
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.27 min Scan# 1267
Delta R.T. 0.02 min
Lab File: BE092954.D
Acq: 6 May 2017 6:22

Tgt Ion:228 Resp: 251

Ion	Ratio	Lower	Upper
228	100		
226	94.2	32.0	48.0#
229	138.4	21.4	32.0#



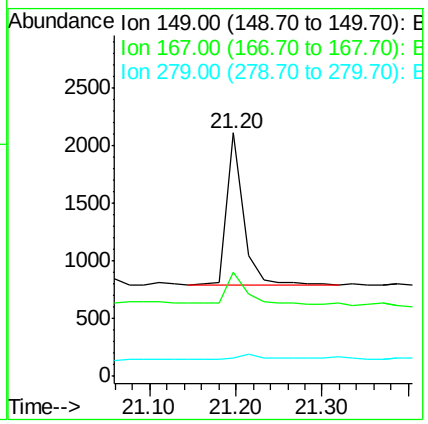


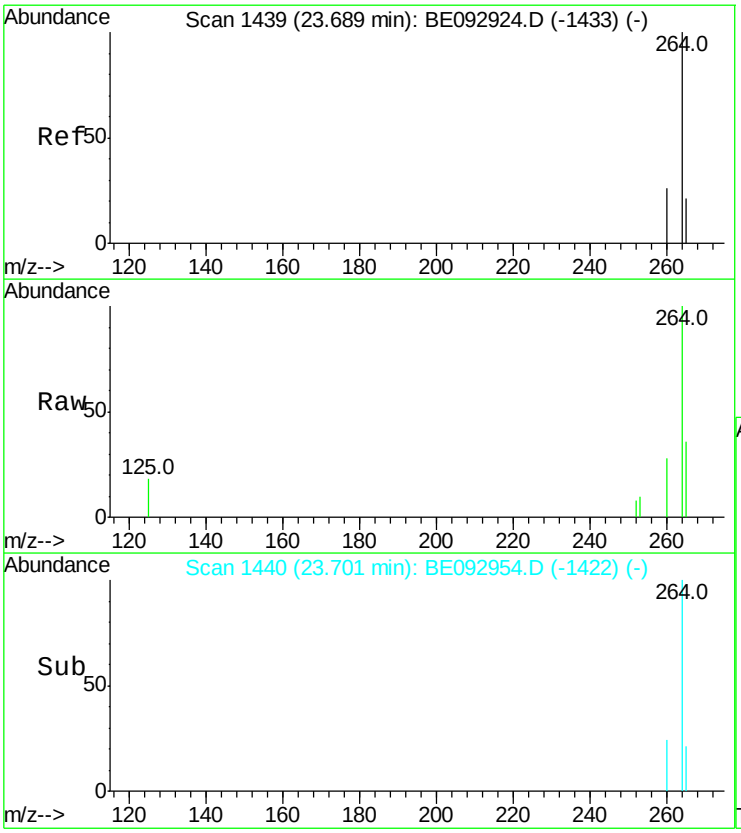
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.56 ng
RT: 21.20 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BE092954.D
Acq: 6 May 2017 6:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 1809

Ion	Ratio	Lower	Upper
149	100		
167	29.2	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: BE092954.D
Acq: 6 May 2017 6:22

Tgt Ion:264 Resp: 4000

Ion	Ratio	Lower	Upper
264	100		
260	28.3	23.5	35.3
265	35.9	27.2	40.8