Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050517\
Data File : BE092944.D
Acq On : 6 May 2017 00:06
Operator : SJ/MA
Sample : I2893-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 06 01:50:10 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	726	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	2986	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1415	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3887	0.40	ng	0.00
26) Chrysene-d12	21.28	240	4127	0.40	ng	0.00
33) Perylene-d12	23.69	264	3652	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	334	0.21	ng	0.00
5) Phenol-d6	6.94	99	293	0.13	ng	0.00
8) Nitrobenzene-d5	8.90	82	837	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1734	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	128	0.58	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	2581	0.40	ng	0.00
24) Fluoranthene-d10	19.15	212	4099	0.45	ng	0.00
28) Terphenyl-d14	19.74	244	3215	0.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	41	0.03	ng	# 1
3) n-Nitrosodimethylamine	3.59	42	37	0.03	ng	# 17
6) bis(2-Chloroethyl)ether	7.08	93	446	0.17	ng	# 24
21) Pentachlorophenol	16.79	266	17	0.19	ng	98
22) Phenanthrene	17.18	178	223	0.02	ng	# 84
31) Bis(2-ethylhexyl)phthalate	21.20	149	635	0.24	ng	# 95

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

Quantitation Report (Not Reviewed)

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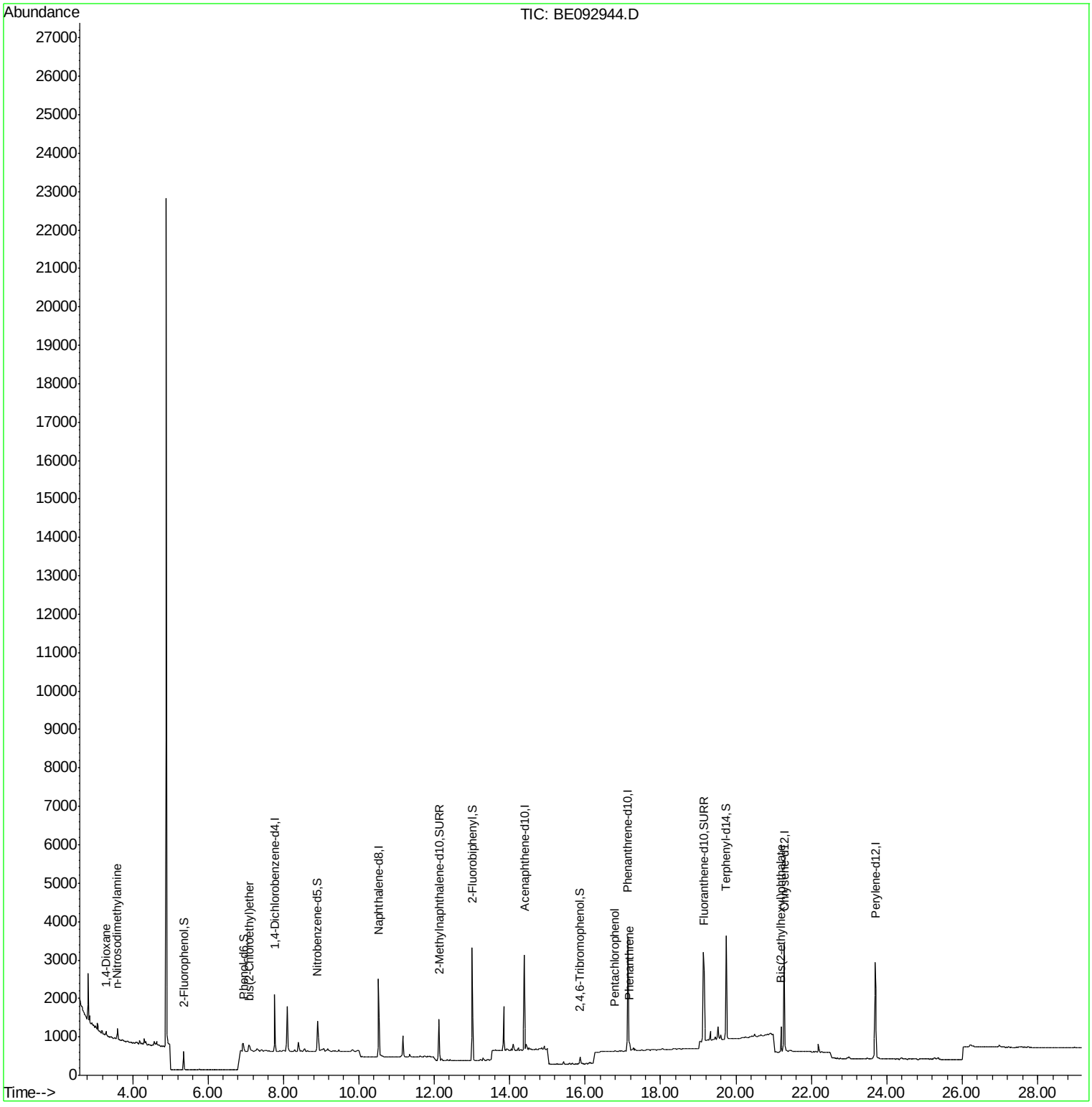
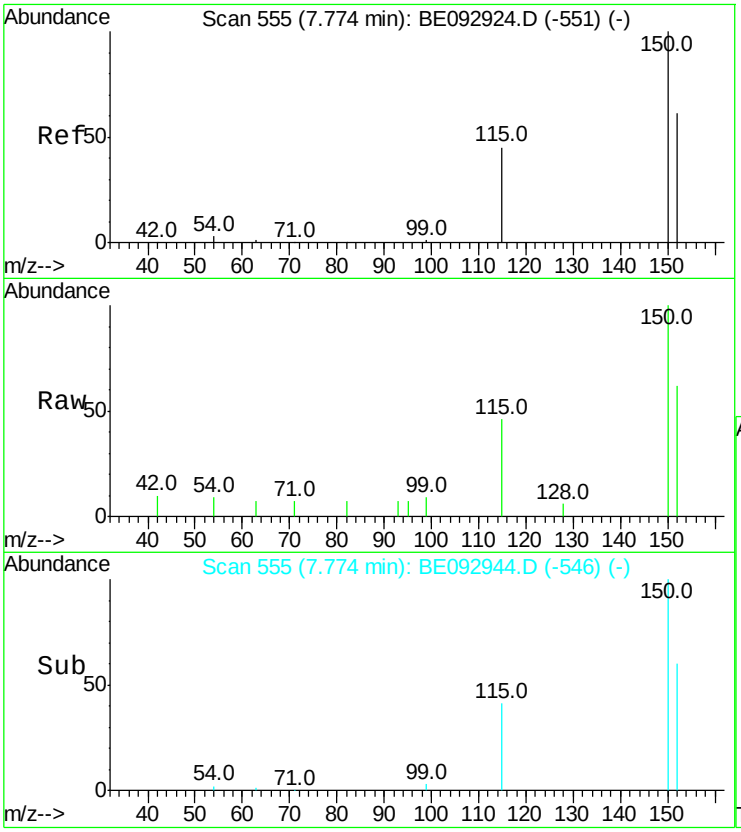


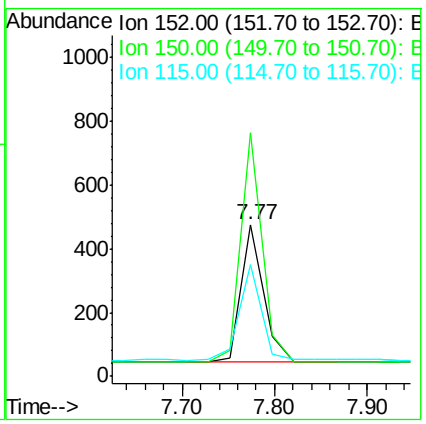


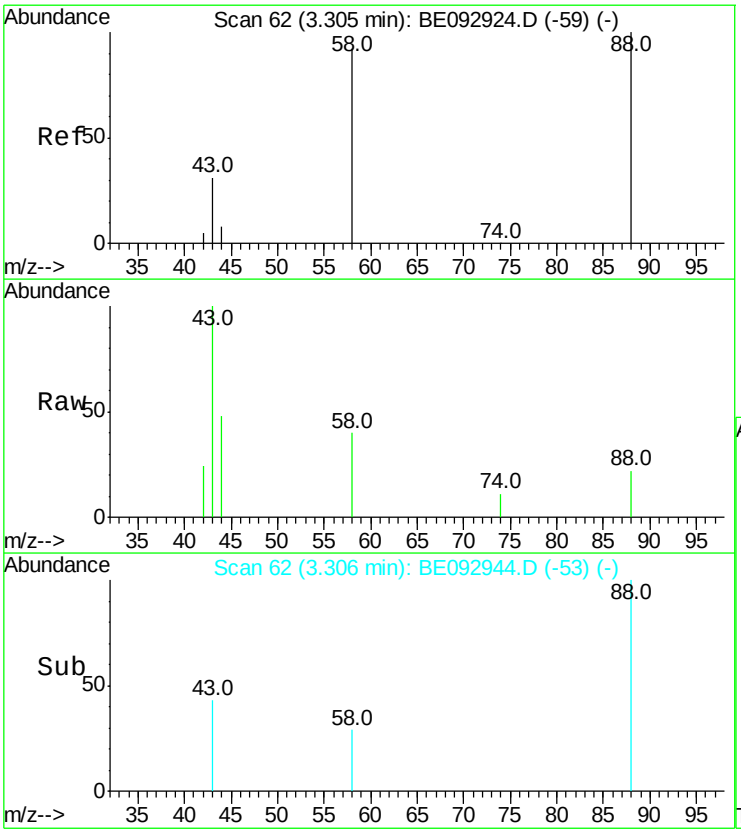
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092944.D
Acq: 6 May 2017 00:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 726

Ion	Ratio	Lower	Upper
152	100		
150	160.5	129.9	194.9
115	73.3	62.6	93.8

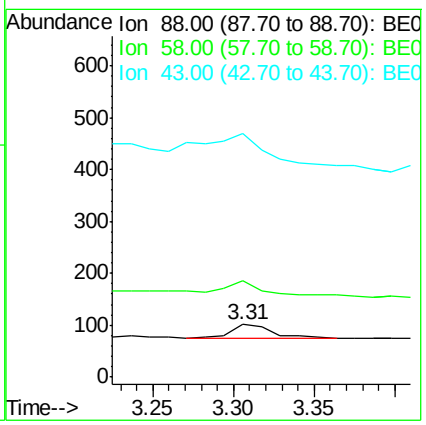


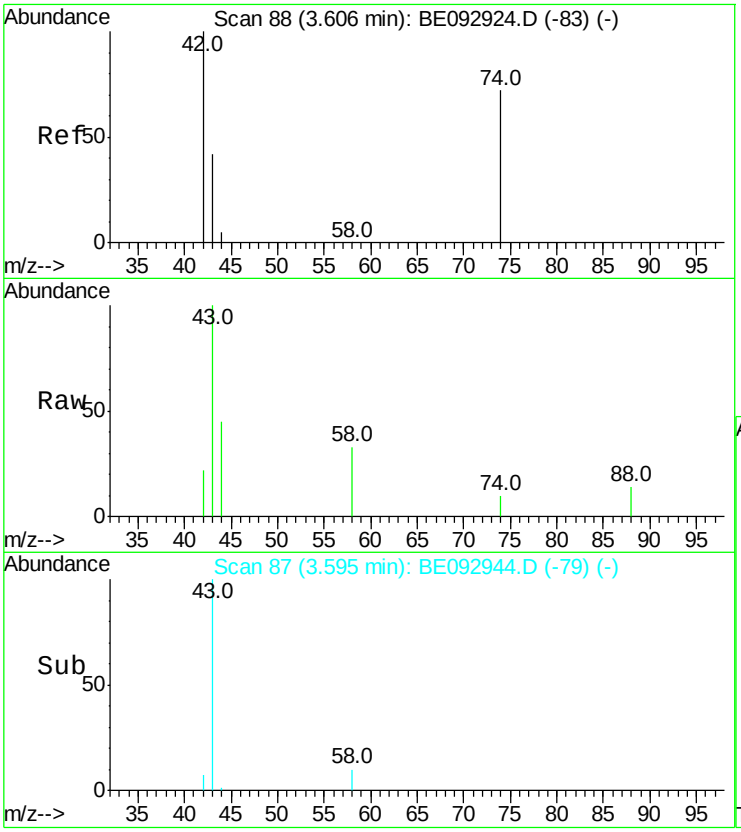


#2
1,4-Dioxane
Concen: 0.03 ng
RT: 3.31 min Scan# 62
Delta R.T. 0.00 min
Lab File: BE092944.D
Acq: 6 May 2017 00:06

Tgt Ion: 88 Resp: 41

Ion	Ratio	Lower	Upper
88	100		
58	92.7	64.9	97.3
43	412.2	26.6	40.0#



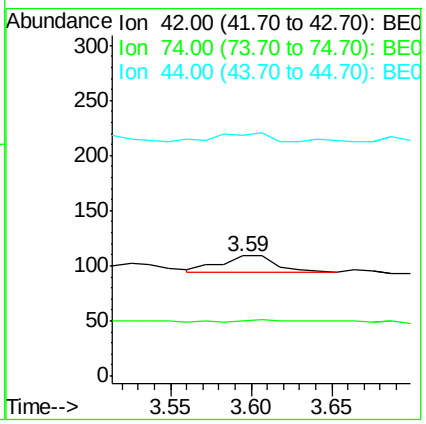


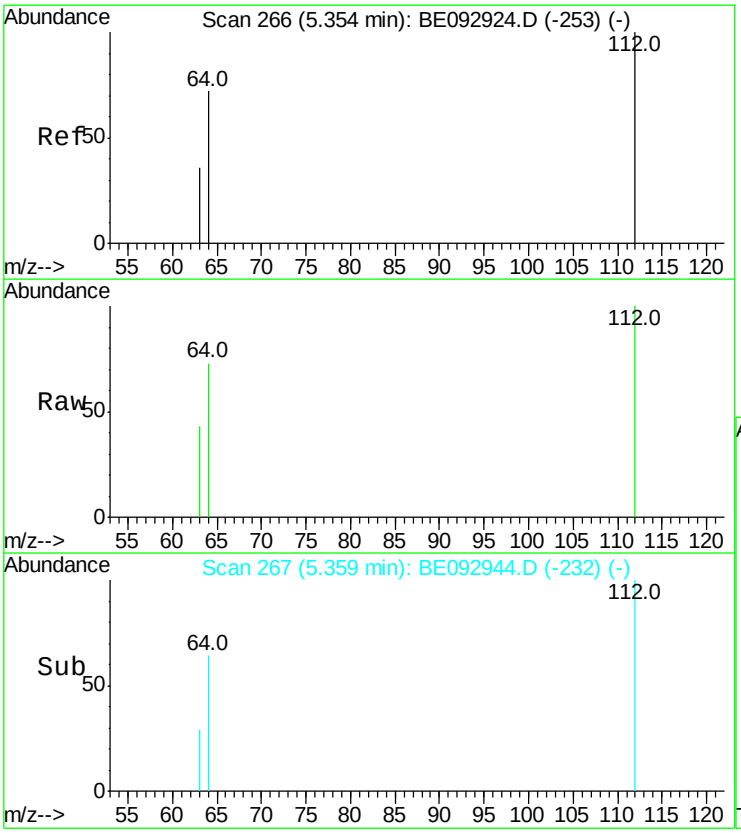
#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.59 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE092944.D
Acq: 6 May 2017 00:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 37

Ion	Ratio	Lower	Upper
42	100		
74	16.2	106.6	160.0#
44	40.5	25.7	38.5#

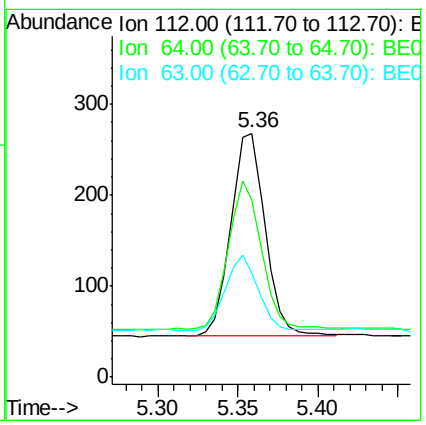


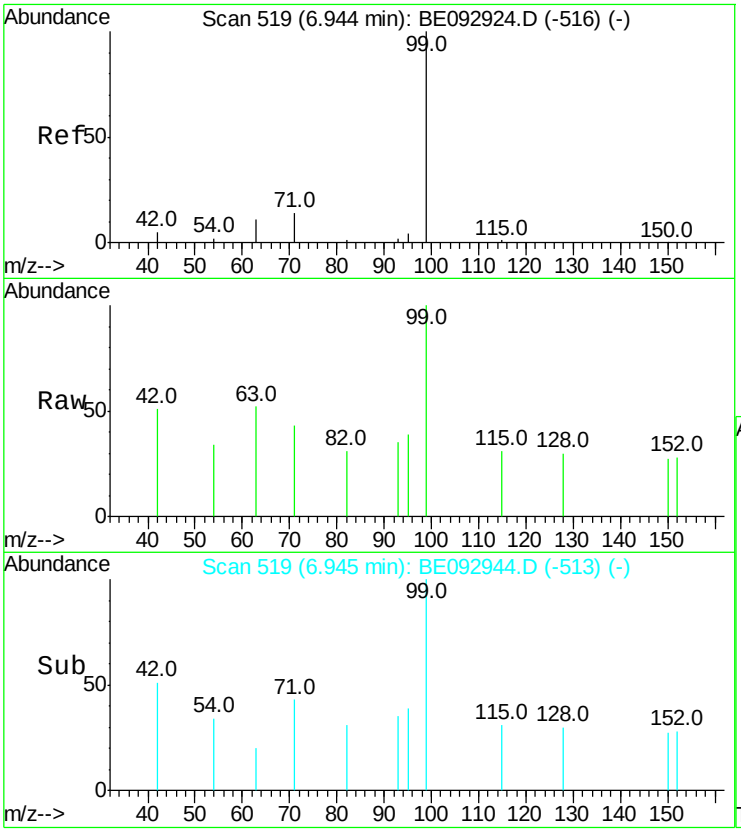


#4
2-Fluorophenol
Concen: 0.21 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.01 min
Lab File: BE092944.D
Acq: 6 May 2017 00:06

Tgt Ion:112 Resp: 334

Ion	Ratio	Lower	Upper
112	100		
64	71.6	52.6	79.0
63	35.6	29.0	43.4



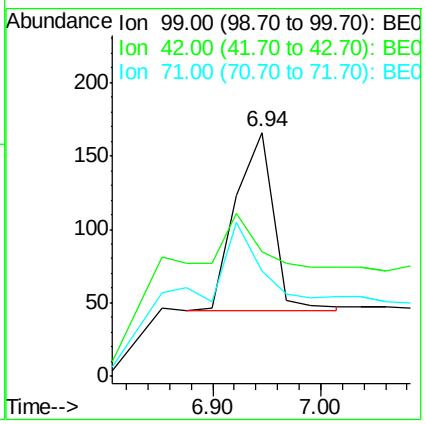


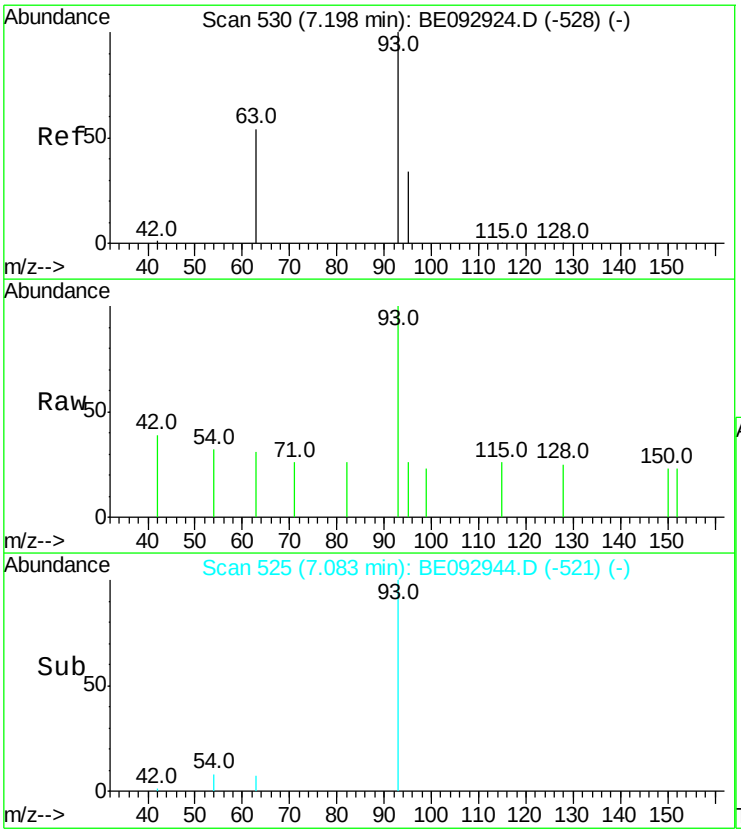
#5
Phenol-d6
Concen: 0.13 ng
RT: 6.94 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE092944.D
Acq: 6 May 2017 00:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 293

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

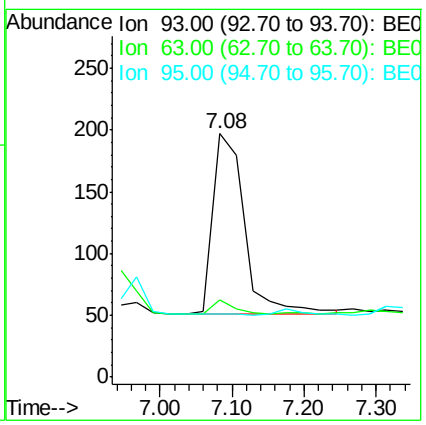


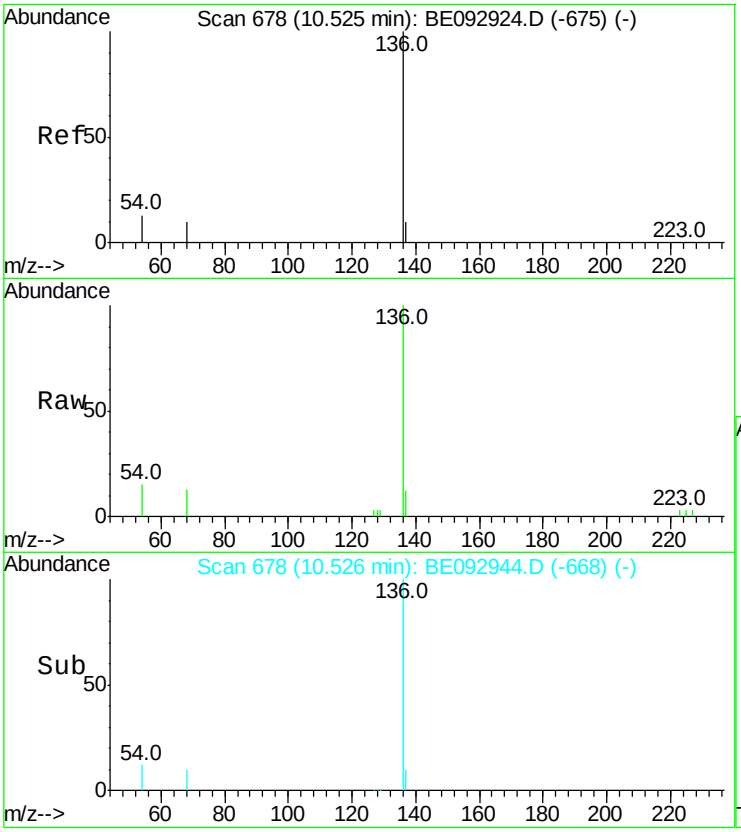


#6
bis(2-Chloroethyl)ether
Concen: 0.17 ng
RT: 7.08 min Scan# 525
Delta R.T. -0.11 min
Lab File: BE092944.D
Acq: 6 May 2017 00:06

Tgt Ion: 93 Resp: 446

Ion	Ratio	Lower	Upper
93	100		
63	4.9	61.2	91.8#
95	0.0	25.5	38.3#



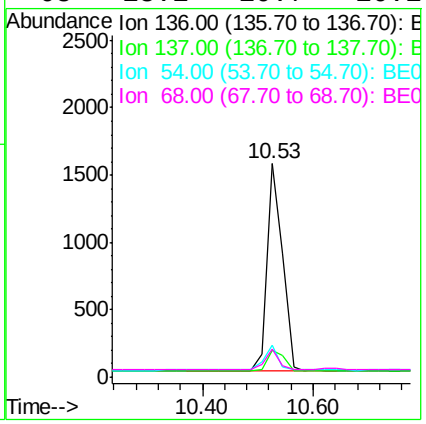


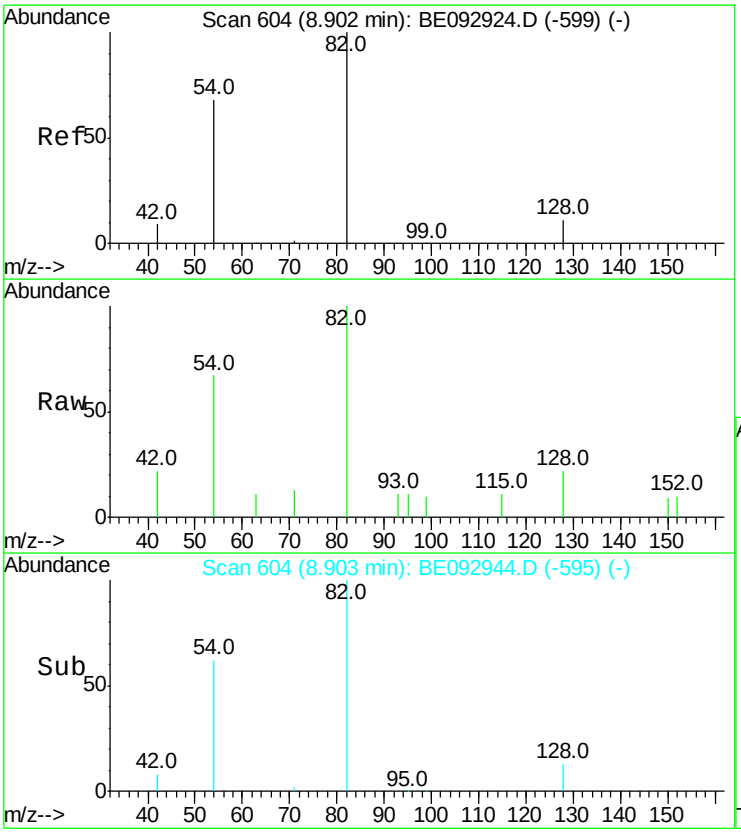
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. 0.00 min
Lab File: BE092944.D
Acq: 6 May 2017 00:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 2986

Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.4	15.6
54	14.9	12.6	18.8
68	13.1	10.7	16.1

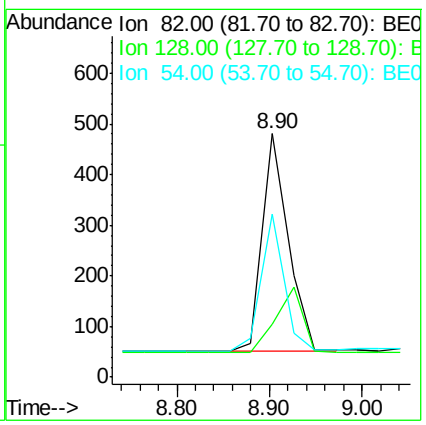


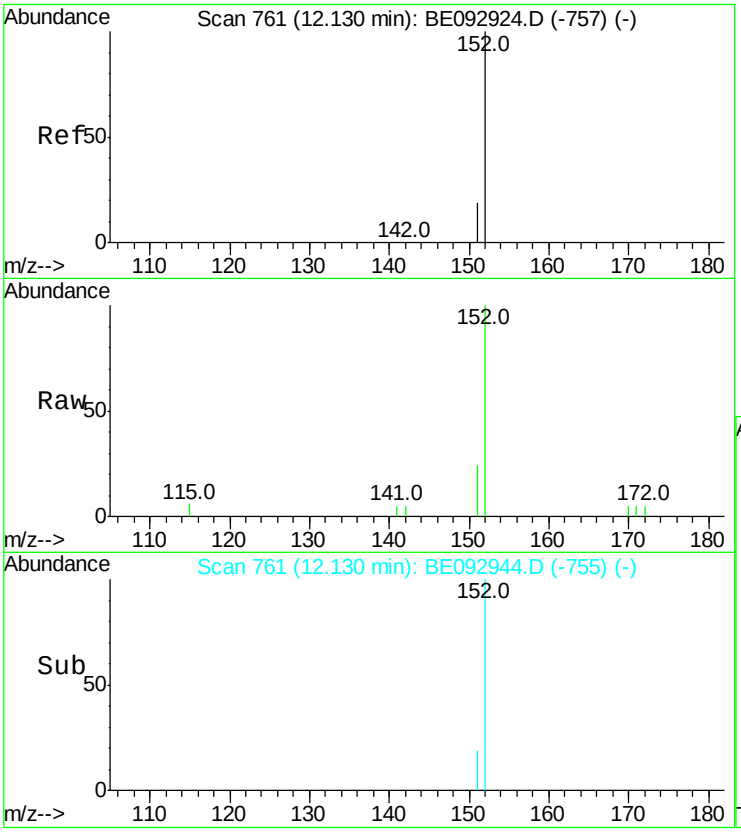


#8
Nitrobenzene-d5
Concen: 0.42 ng
RT: 8.90 min Scan# 604
Delta R.T. 0.00 min
Lab File: BE092944.D
Acq: 6 May 2017 00:06

Tgt Ion: 82 Resp: 837

Ion	Ratio	Lower	Upper
82	100		
128	21.6	35.3	52.9#
54	66.7	65.1	97.7



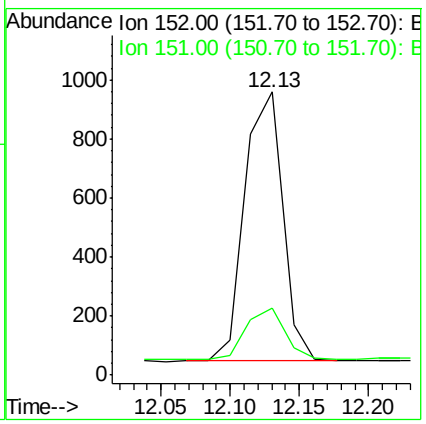


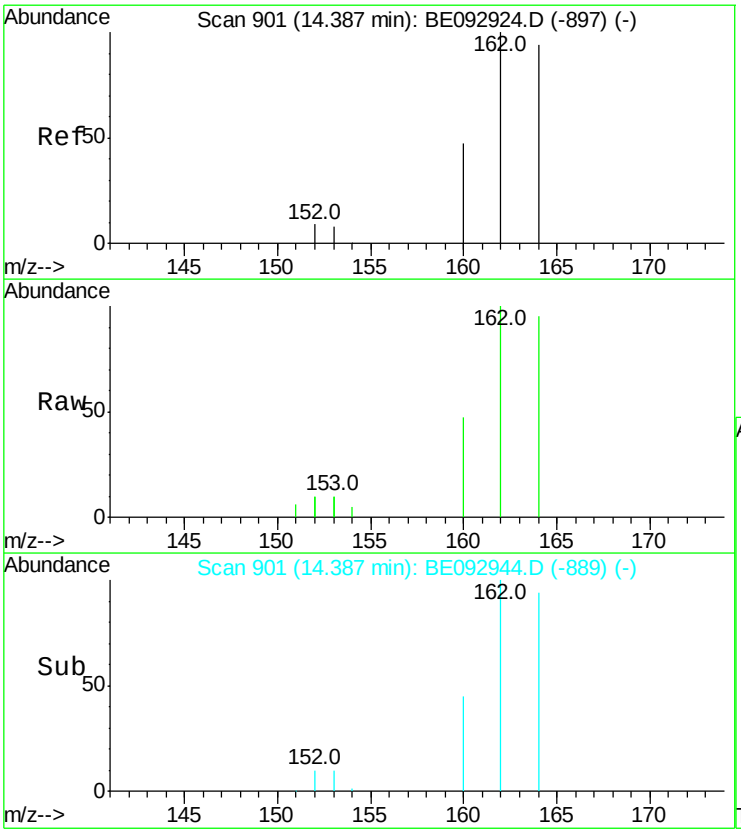
#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.13 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE092944.D
Acq: 6 May 2017 00:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1734

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5

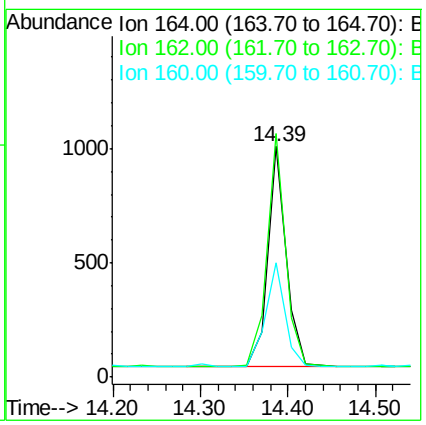


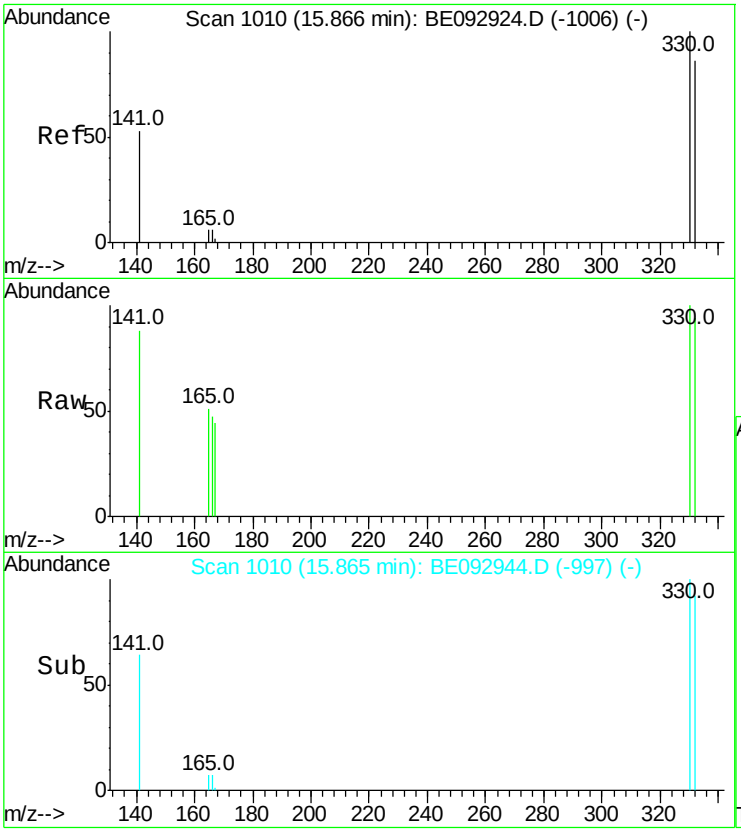


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE092944.D
Acq: 6 May 2017 00:06

Tgt Ion:164 Resp: 1415

Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.6	130.0
160	49.7	44.5	66.7



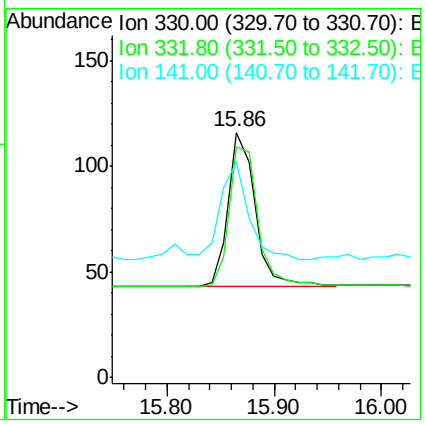


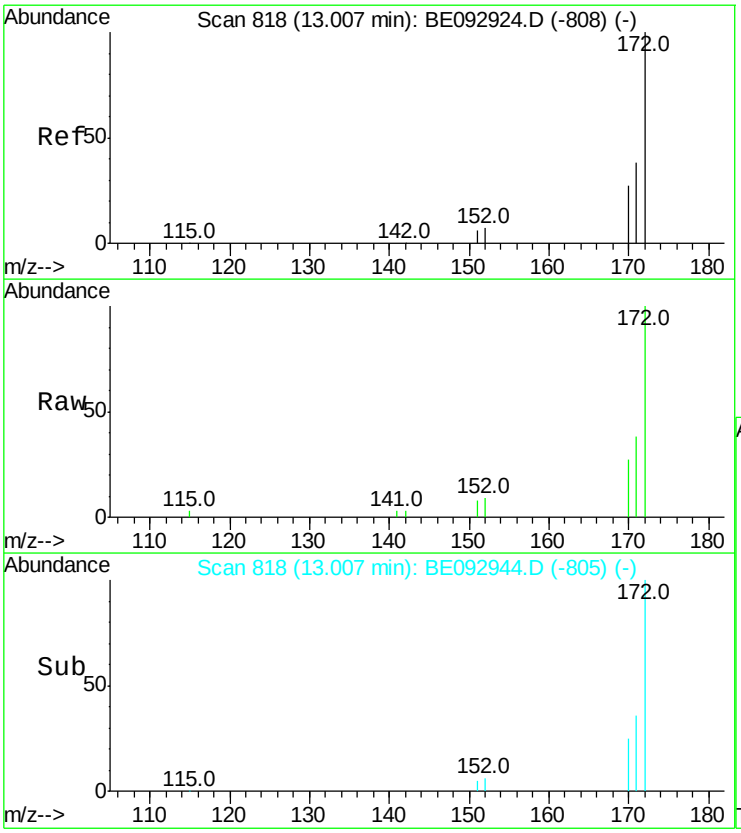
#14
2,4,6-Tribromophenol
Concen: 0.58 ng
RT: 15.86 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BE092944.D
Acq: 6 May 2017 00:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 128

Ion	Ratio	Lower	Upper
330	100		
332	96.9	69.1	103.7
141	64.1	54.6	81.8

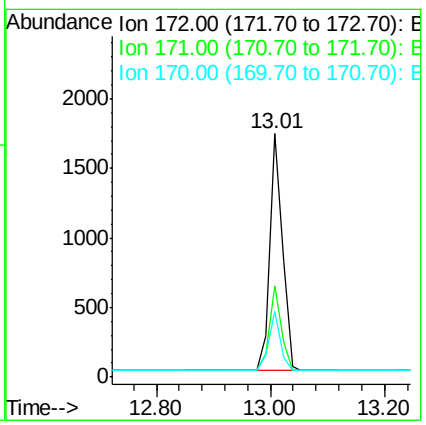


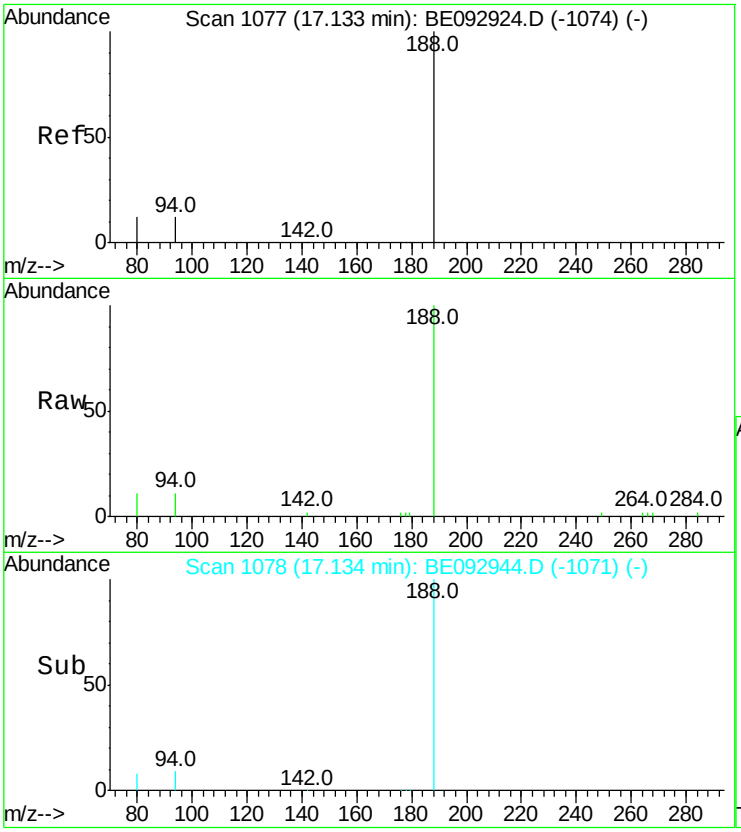


#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.01 min Scan# 818
Delta R.T. 0.00 min
Lab File: BE092944.D
Acq: 6 May 2017 00:06

Tgt Ion:172 Resp: 2581

Ion	Ratio	Lower	Upper
172	100		
171	37.7	35.8	53.6
170	26.7	28.5	42.7#



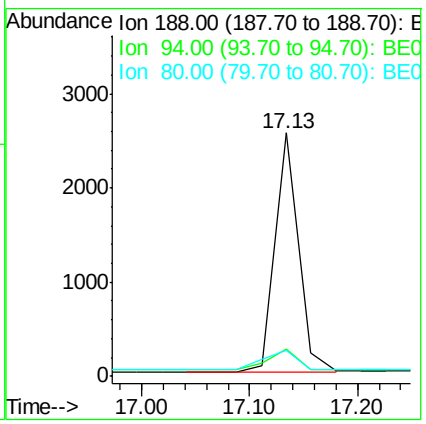


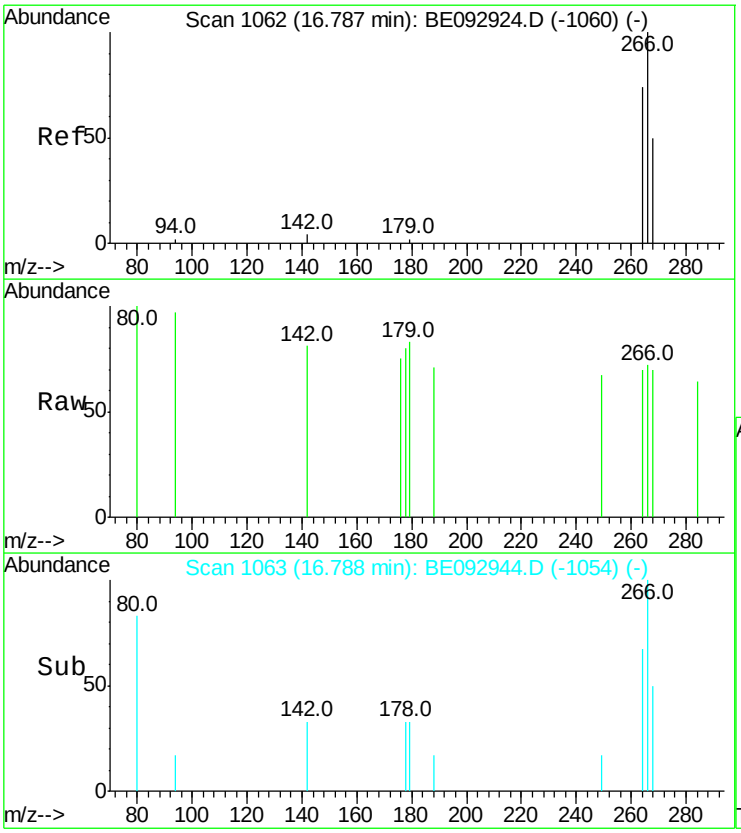
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BE092944.D
Acq: 6 May 2017 00:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 3887

Ion	Ratio	Lower	Upper
188	100		
94	11.1	10.2	15.4
80	10.7	10.6	15.8

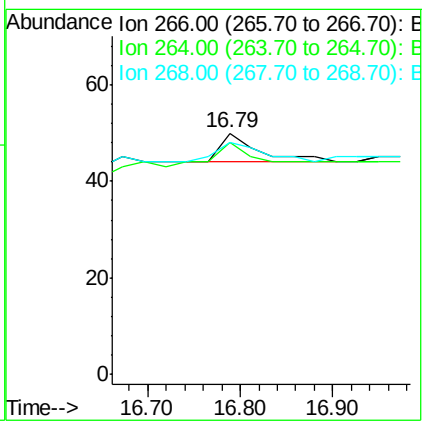


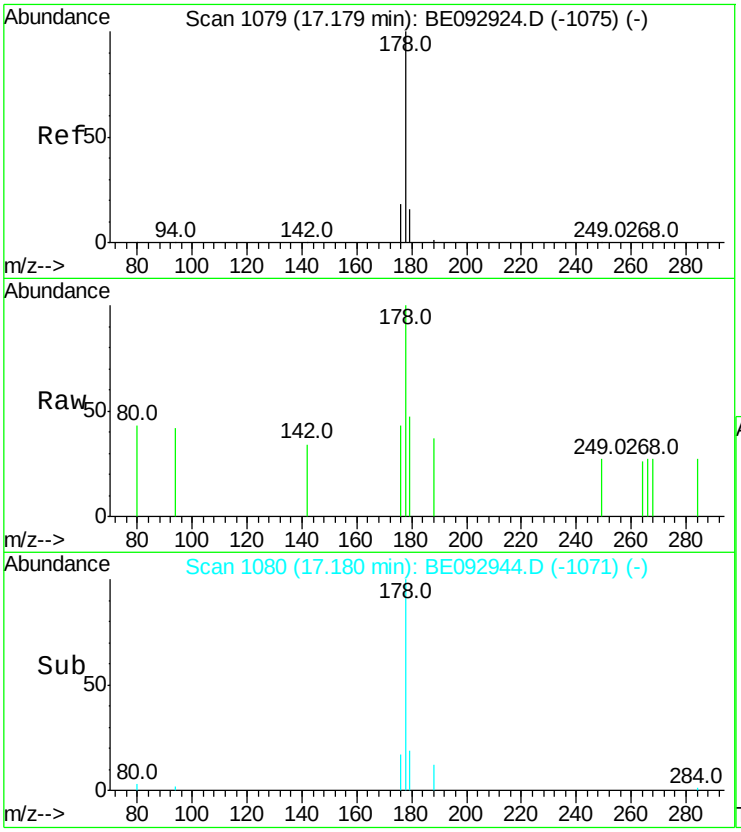


#21
Pentachlorophenol
Concen: 0.19 ng
RT: 16.79 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BE092944.D
Acq: 6 May 2017 00:06

Tgt Ion:266 Resp: 17

Ion	Ratio	Lower	Upper
266	100		
264	96.0	75.4	113.2
268	96.0	75.4	113.2



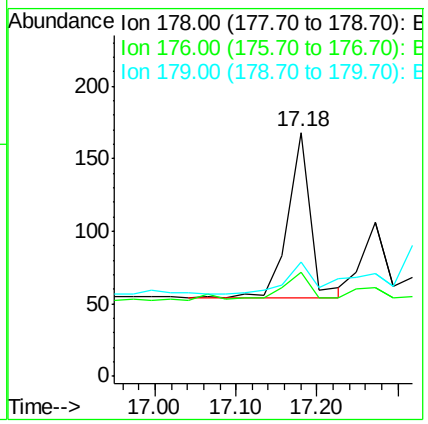


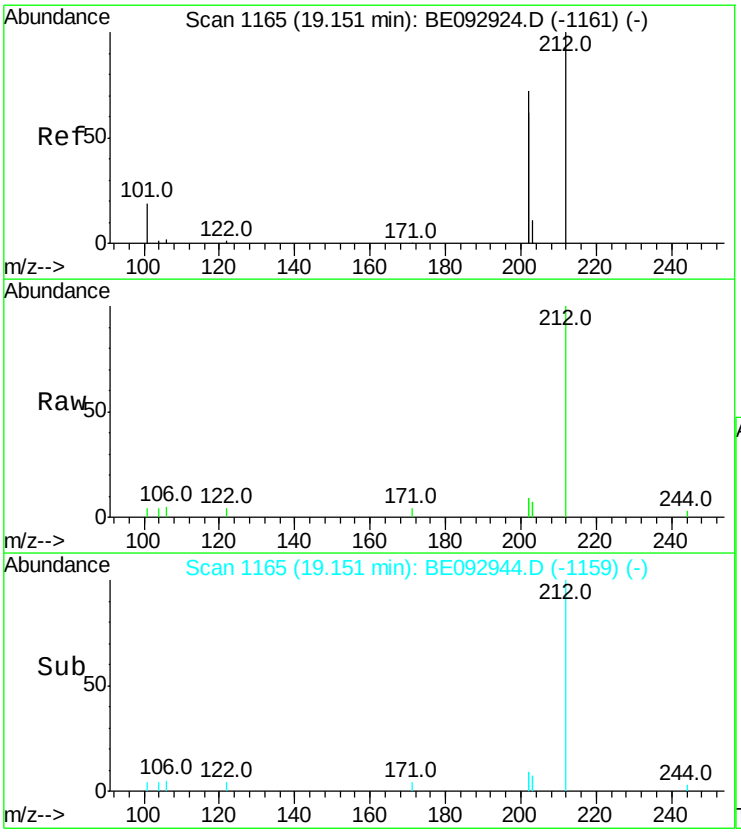
#22
Phenanthrene
Concen: 0.02 ng
RT: 17.18 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BE092944.D
Acq: 6 May 2017 00:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 223

Ion	Ratio	Lower	Upper
178	100		
176	21.1	14.2	21.4
179	27.8	13.6	20.4#

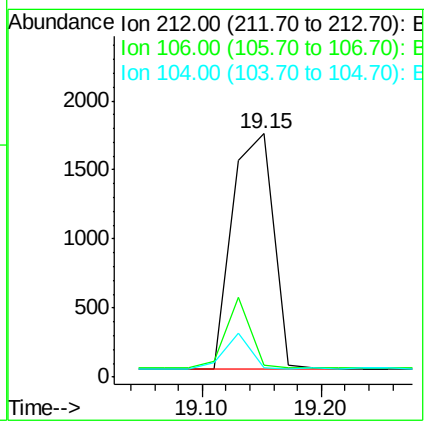


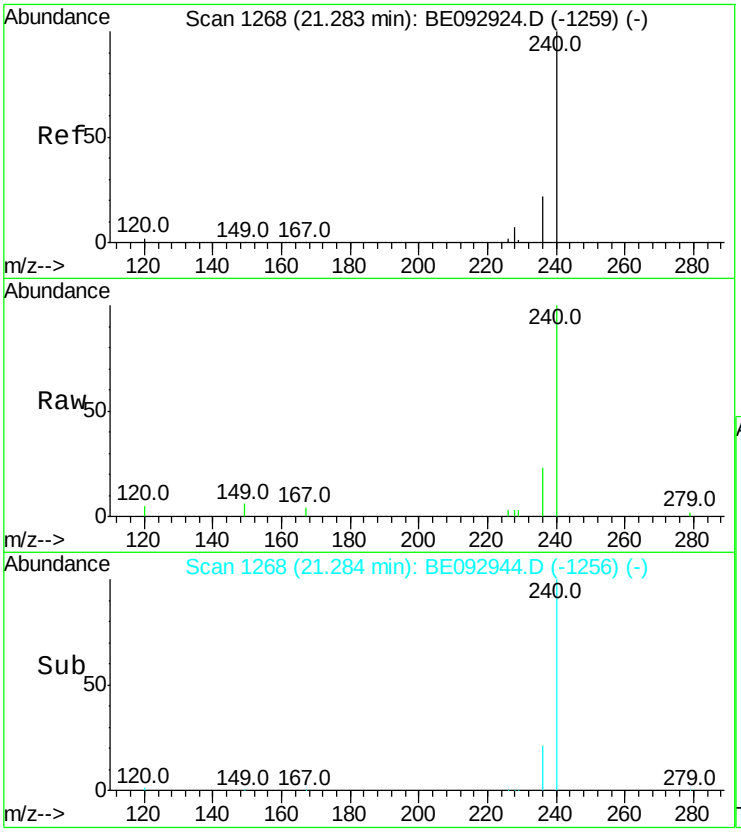


#24
Fluoranthene-d10
Concen: 0.45 ng
RT: 19.15 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE092944.D
Acq: 6 May 2017 00:06

Tgt Ion:212 Resp: 4099

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



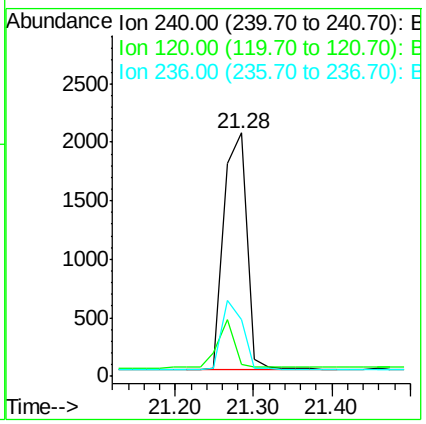


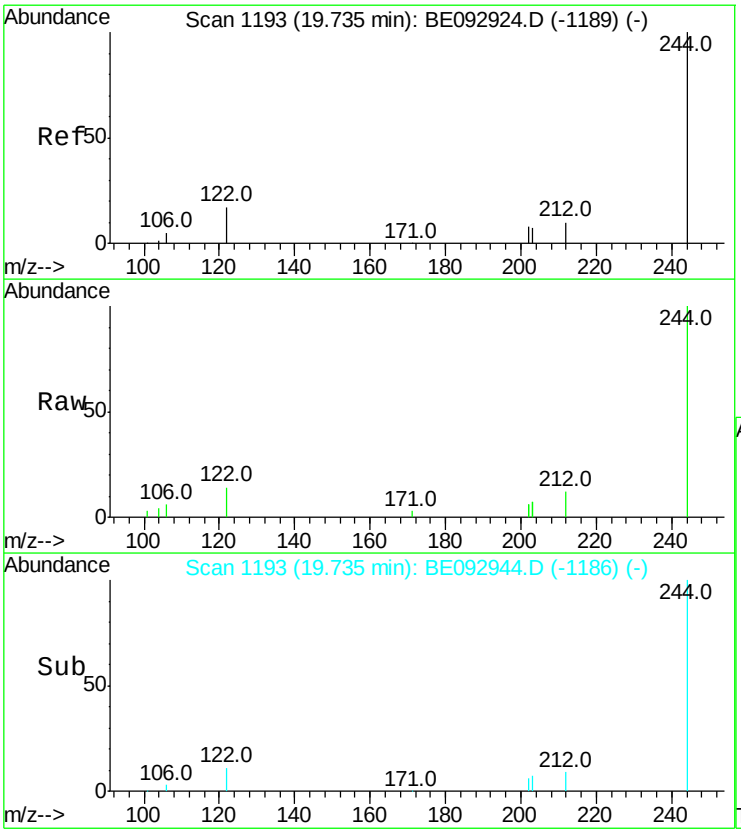
#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BE092944.D
Acq: 6 May 2017 00:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 4127

Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.6	6.8
236	23.2	19.8	29.8

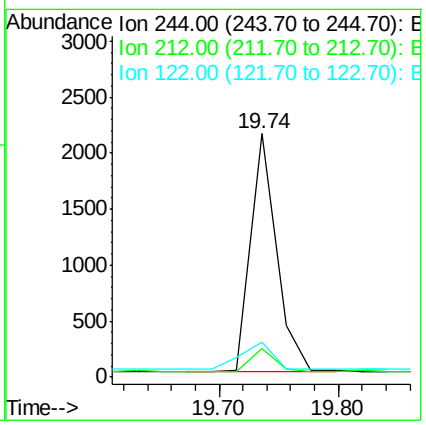


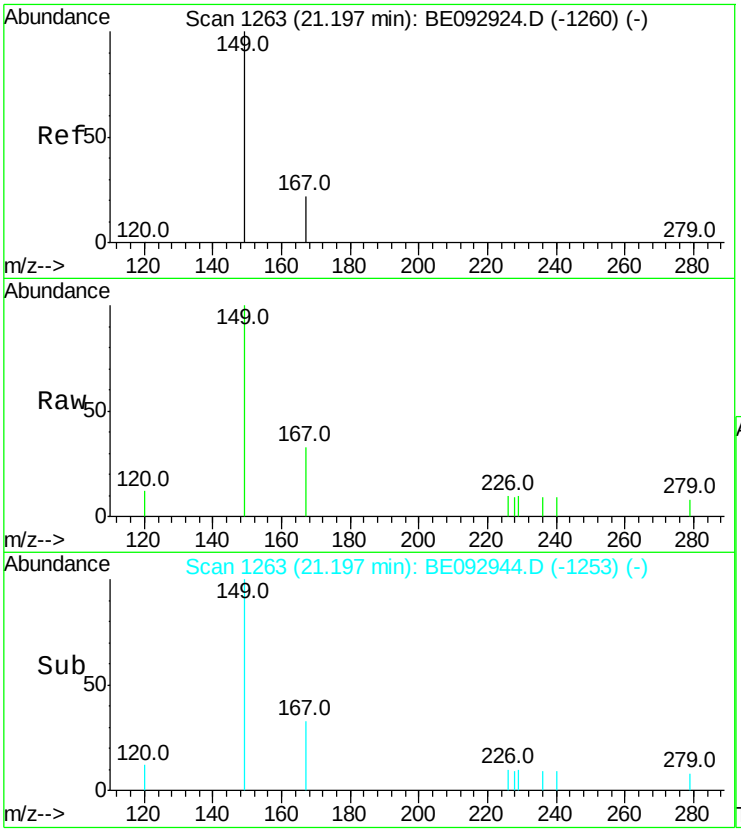


#28
Terphenyl-d14
Concen: 0.45 ng
RT: 19.74 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE092944.D
Acq: 6 May 2017 00:06

Tgt Ion:244 Resp: 3215

Ion	Ratio	Lower	Upper
244	100		
212	11.5	18.4	27.6#
122	14.3	23.3	34.9#



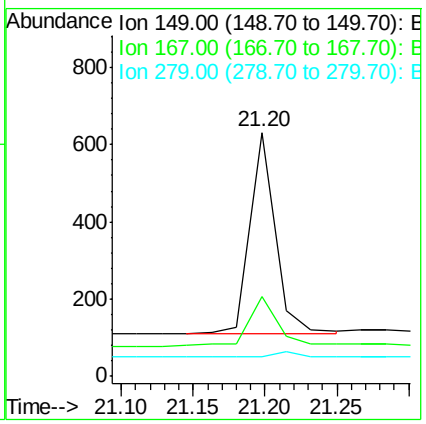


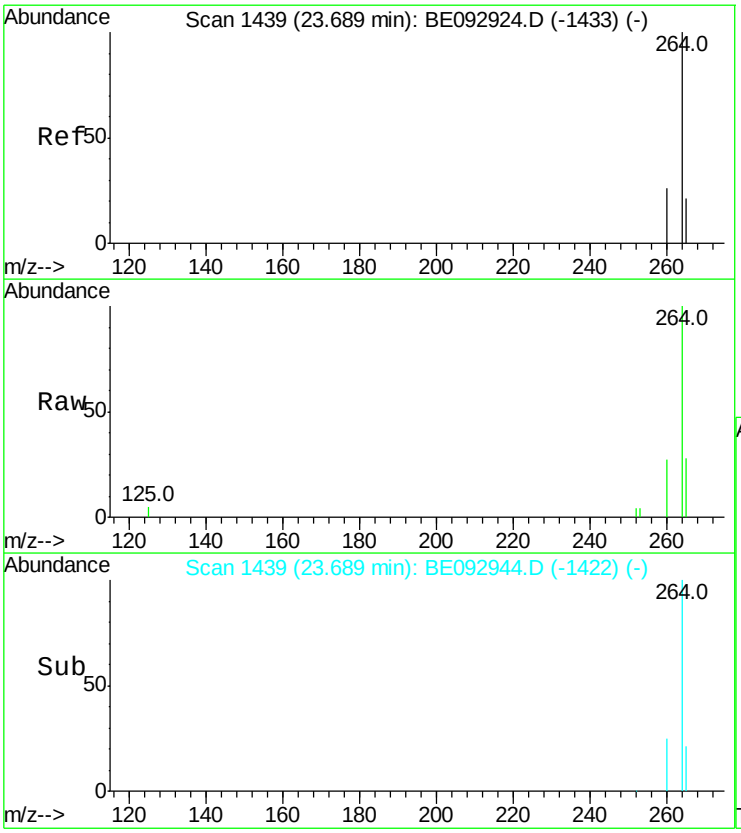
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.24 ng
RT: 21.20 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BE092944.D
Acq: 6 May 2017 00:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 635

Ion	Ratio	Lower	Upper
149	100		
167	28.5	20.9	31.3
279	0.0	0.0	0.0





#33
Perylene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE092944.D
Acq: 6 May 2017 00:06

Tgt Ion:264 Resp: 3652

Ion	Ratio	Lower	Upper
264	100		
260	27.5	23.5	35.3
265	27.5	27.2	40.8