Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050517\
Data File : BE092942.D
Acq On : 5 May 2017 22:54
Operator : SJ/MA
Sample : I2893-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 06 01:49:48 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	714	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	2930	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	1063	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	3581	0.40	ng		0.00
26) Chrysene-d12	21.28	240	3499	0.40	ng		0.00
33) Perylene-d12	23.69	264	774	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	315	0.20	ng		0.00
5) Phenol-d6	6.94	99	243	0.11	ng		0.00
8) Nitrobenzene-d5	8.90	82	795	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.13	152	1631	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.87	330	102	0.61	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	2616	0.54	ng		0.00
24) Fluoranthene-d10	19.15	212	3436	0.41	ng		0.00
28) Terphenyl-d14	19.73	244	2794	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	280	0.20	ng	#	84
6) bis(2-Chloroethyl)ether	7.11	93	119	0.05	ng	#	20
21) Pentachlorophenol	16.79	266	8	0.17	ng		96
23) Anthracene	17.27	178	178	0.02	ng	#	94
31) Bis(2-ethylhexyl)phthalate	21.20	149	1462	0.65	ng	#	96
34) Benzo(b)fluoranthene	22.95	252	161	0.06	ng	#	37
35) Benzo(k)fluoranthene	23.00	252	109	0.04	ng	#	13
36) Benzo(a)pyrene	23.59	252	46	0.02	ng	#	1
37) Dibenzo(a,h)anthracene	26.25	278	118	0.05	ng	#	39
38) Benzo(g,h,i)perylene	26.99	276	374	0.04	ng	#	35

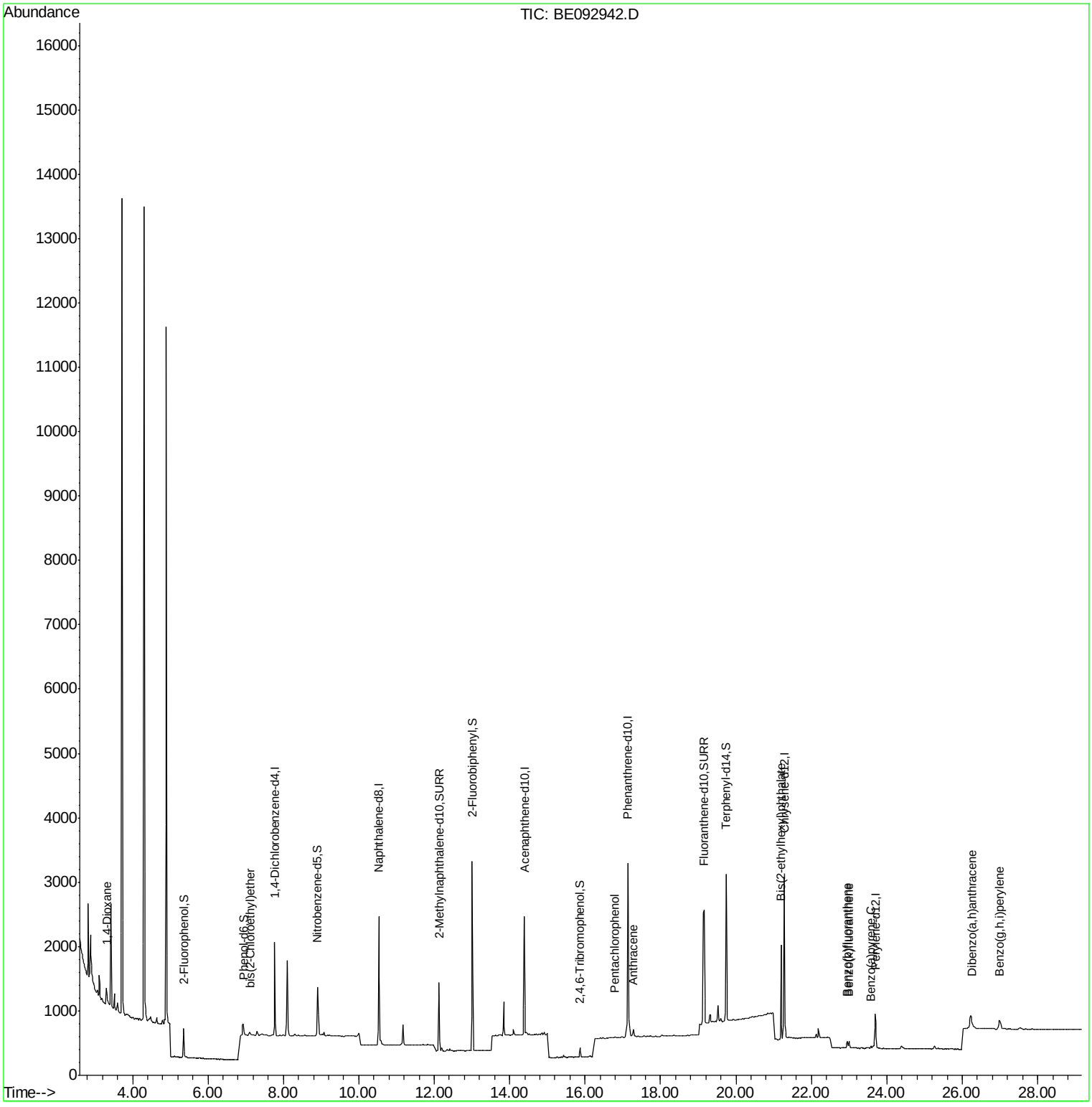
(#) = qualifier out of range (m) = manual integration (+) = signals summed

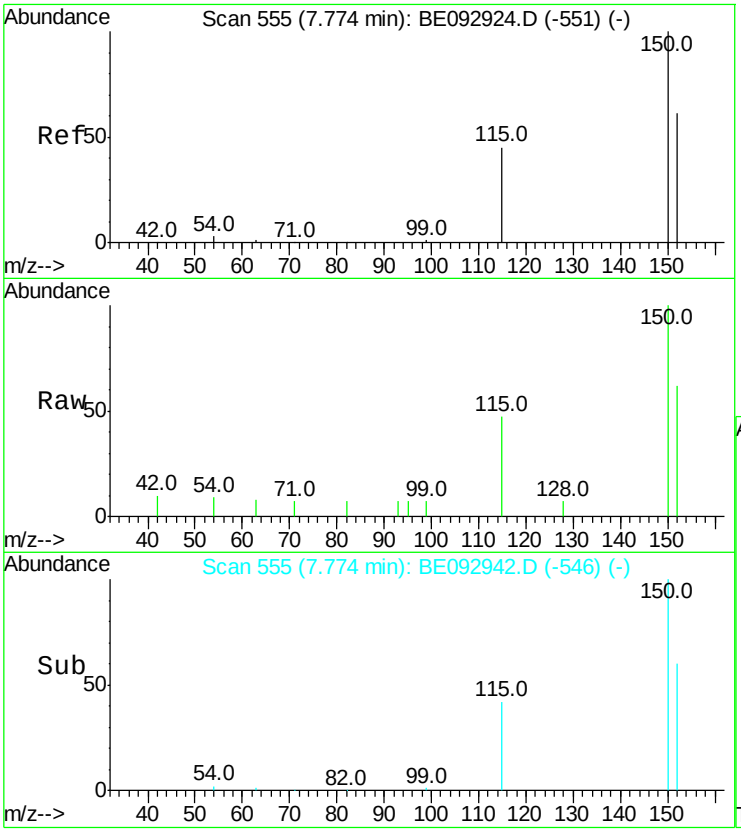
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050517\
Data File : BE092942.D
Acq On : 5 May 2017 22:54
Operator : SJ/MA
Sample : I2893-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 06 01:49:48 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



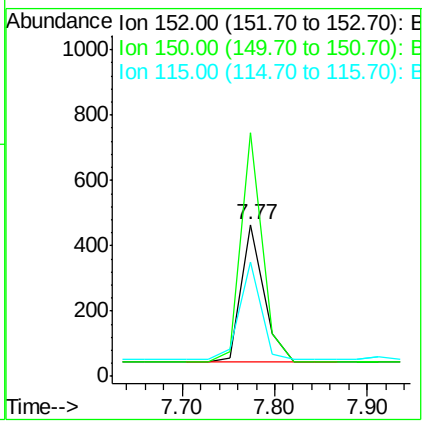


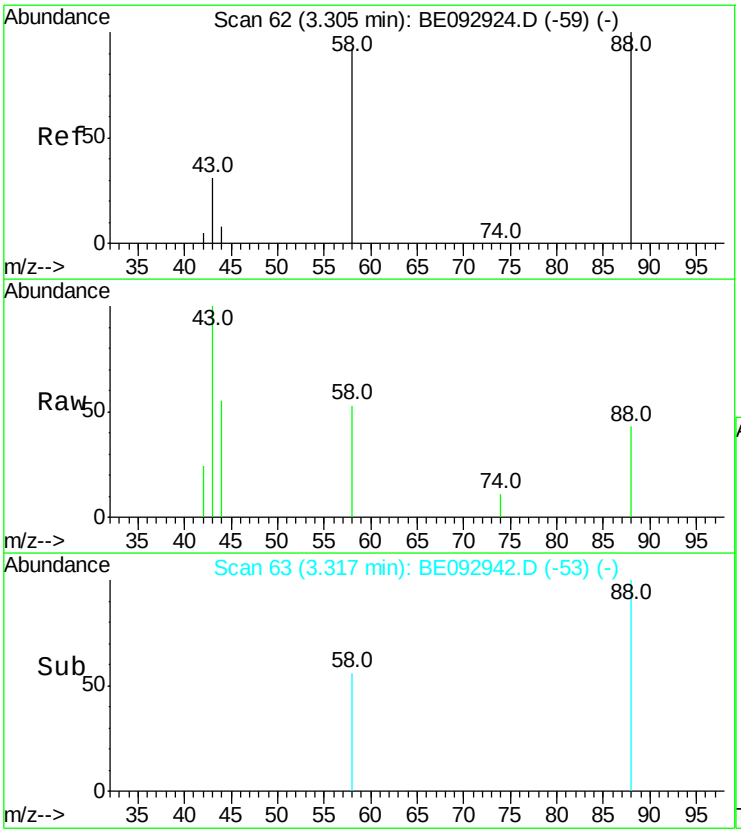
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 714

Ion	Ratio	Lower	Upper
152	100		
150	160.1	129.9	194.9
115	75.1	62.6	93.8

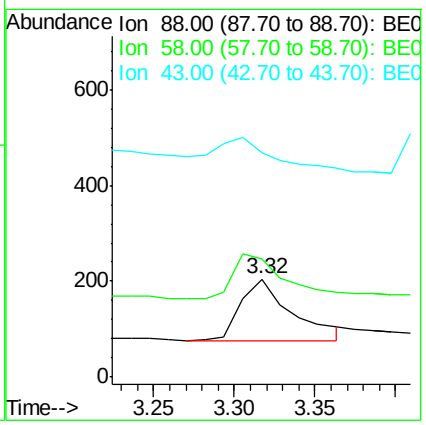


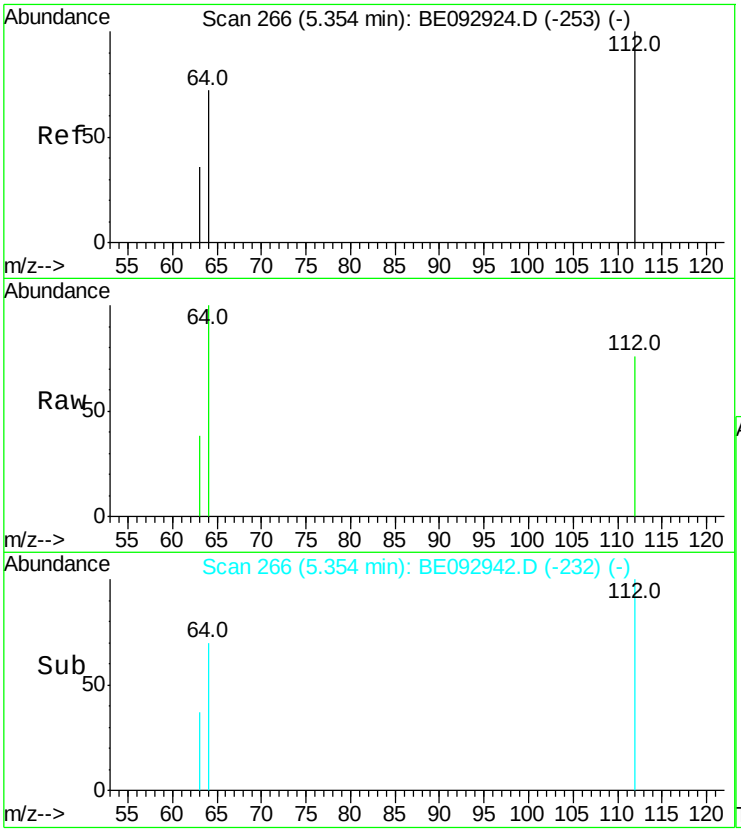


#2
1,4-Dioxane
Concen: 0.20 ng
RT: 3.32 min Scan# 63
Delta R.T. 0.01 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Tgt Ion: 88 Resp: 280

Ion	Ratio	Lower	Upper
88	100		
58	72.9	64.9	97.3
43	52.5	26.6	40.0#



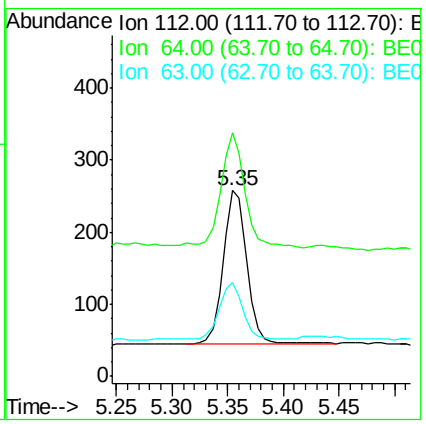


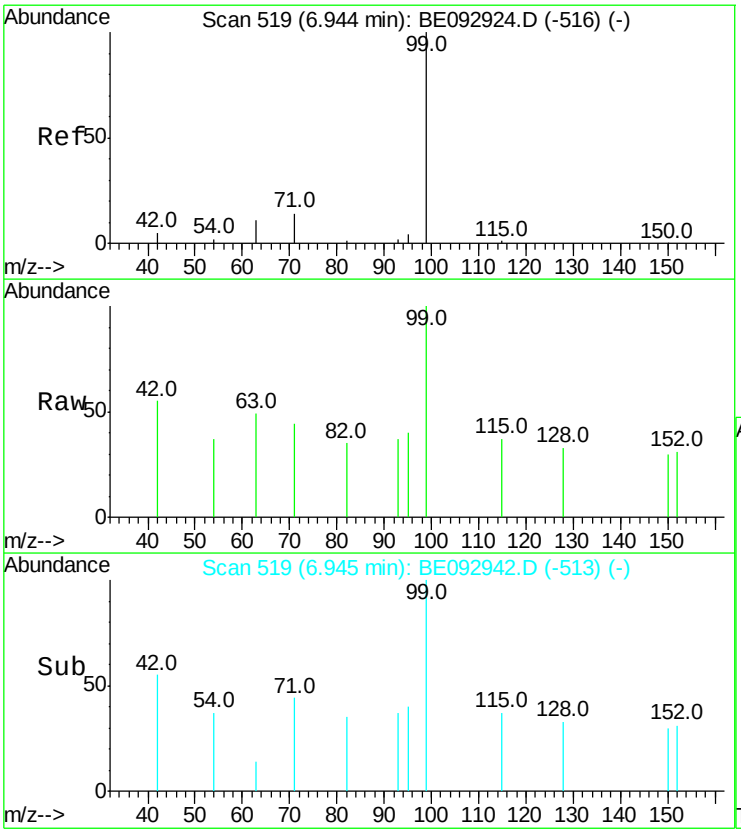
#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.35 min Scan# 266
Delta R.T. 0.00 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 315

Ion	Ratio	Lower	Upper
112	100		
64	77.1	52.6	79.0
63	37.5	29.0	43.4

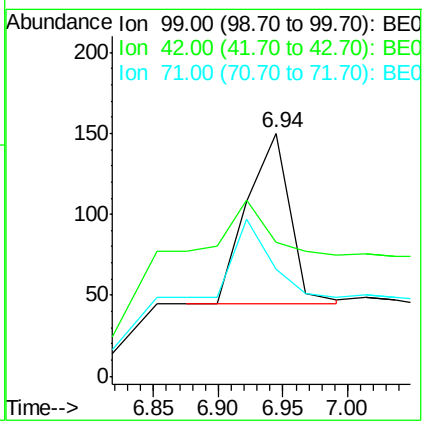


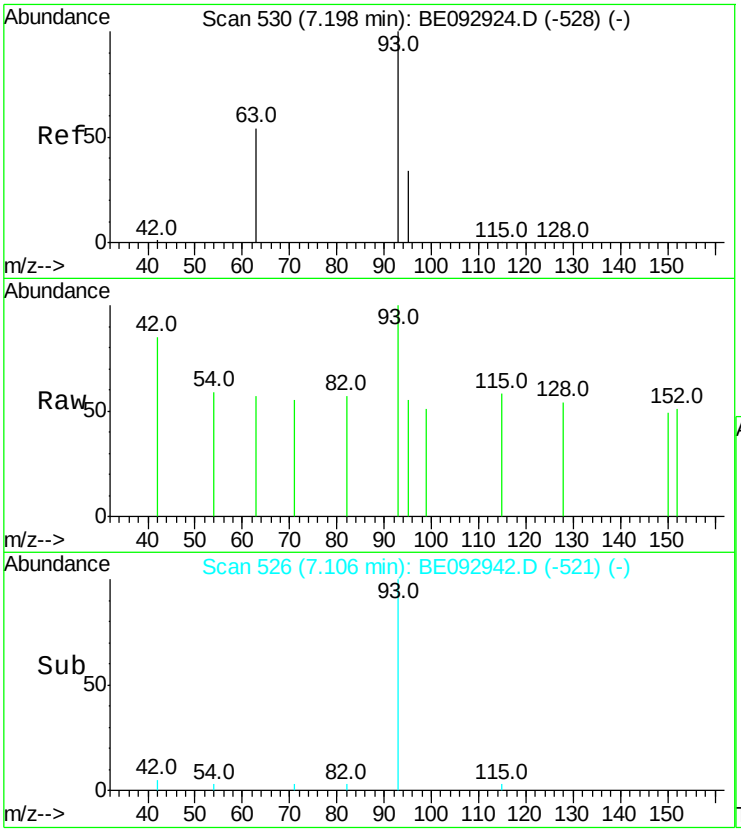


#5
Phenol-d6
Concen: 0.11 ng
RT: 6.94 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Tgt Ion: 99 Resp: 243

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



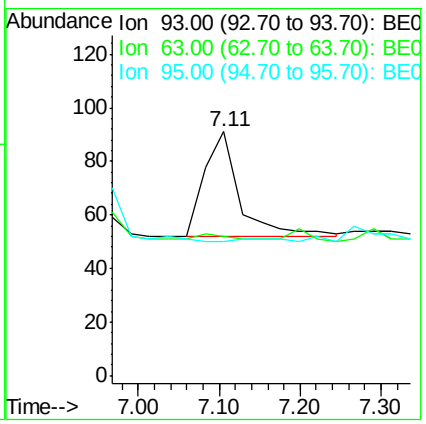


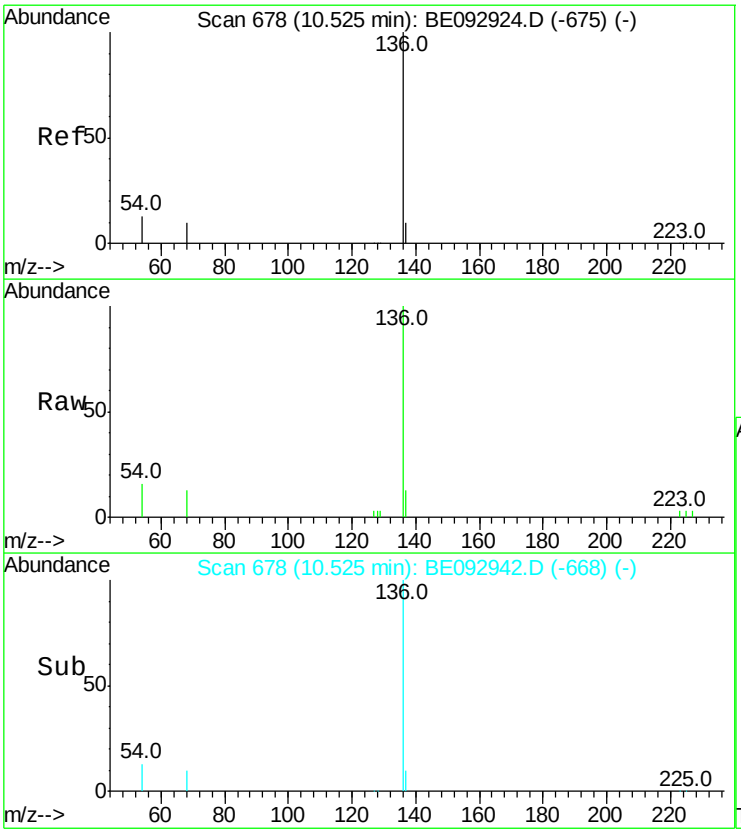
#6
bis(2-Chloroethyl)ether
Concen: 0.05 ng
RT: 7.11 min Scan# 526
Delta R.T. -0.09 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 93 Resp: 119

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

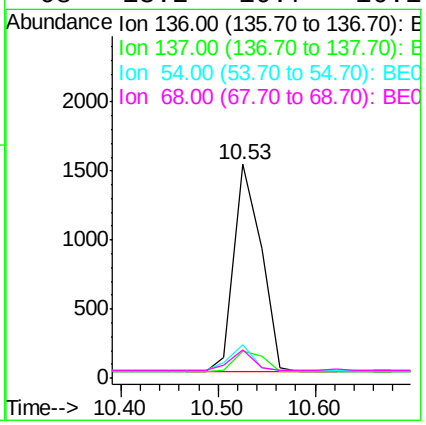


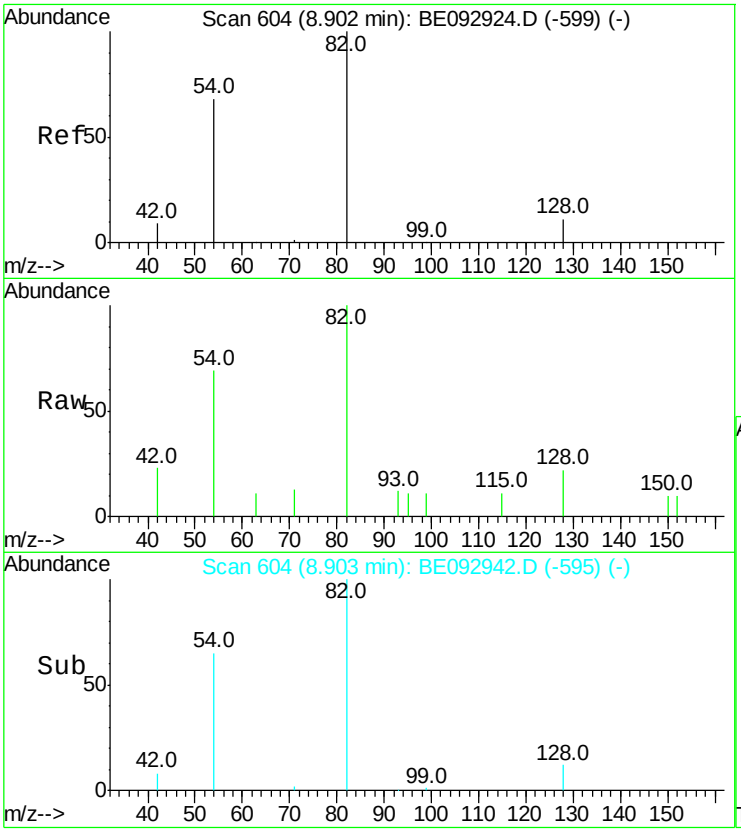


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. 0.00 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Tgt Ion:136 Resp: 2930

Ion	Ratio	Lower	Upper
136	100		
137	12.8	10.4	15.6
54	15.5	12.6	18.8
68	13.2	10.7	16.1



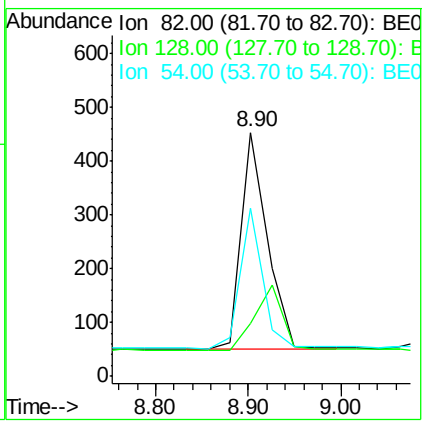


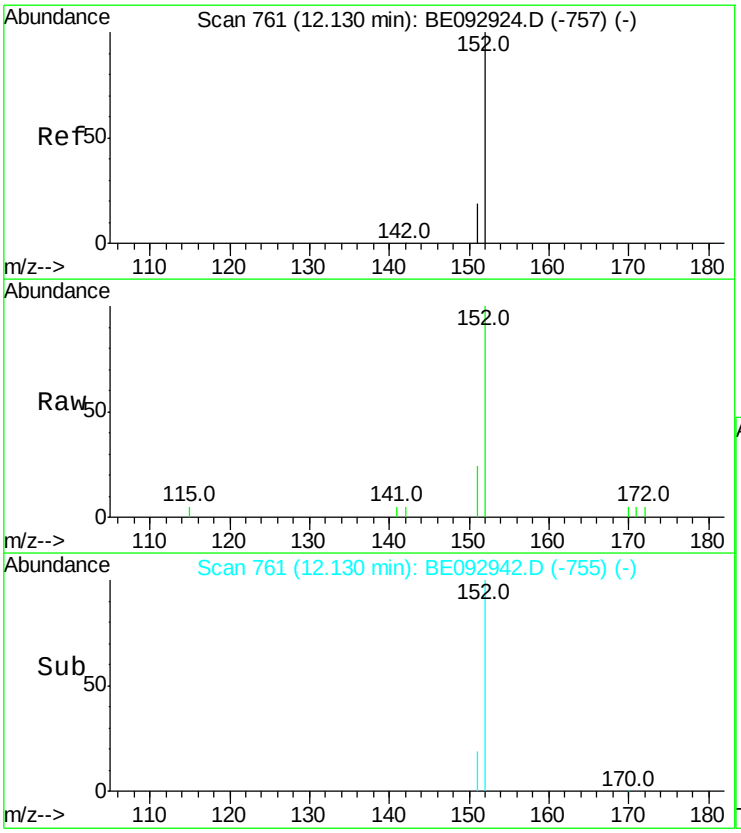
#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 8.90 min Scan# 604
Delta R.T. 0.00 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 795

Ion	Ratio	Lower	Upper
82	100		
128	21.9	35.3	52.9#
54	68.9	65.1	97.7

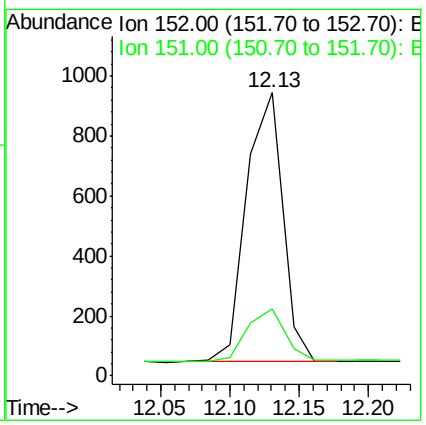


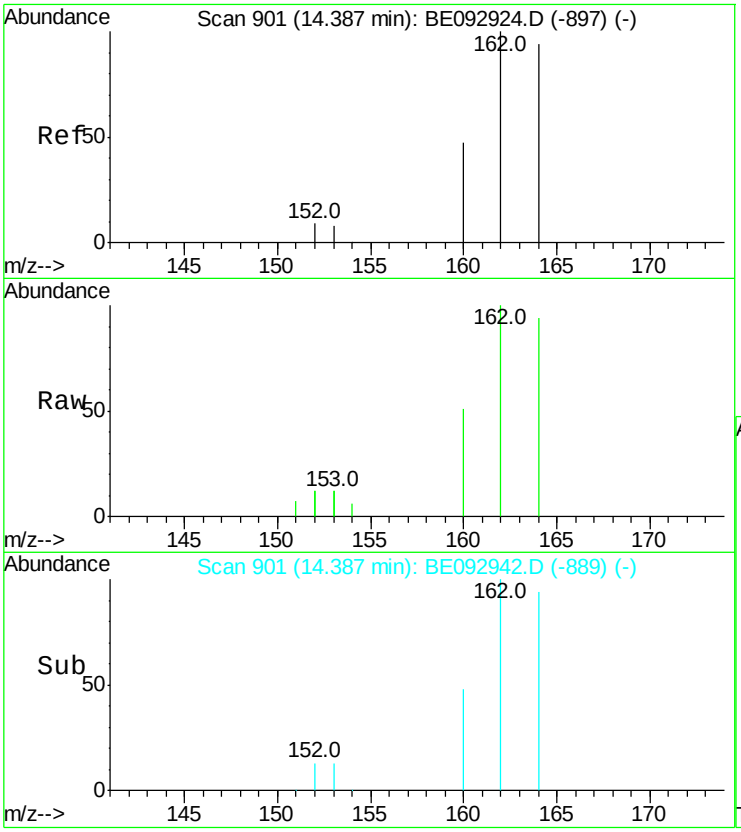


#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.13 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Tgt Ion:152 Resp: 1631

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5



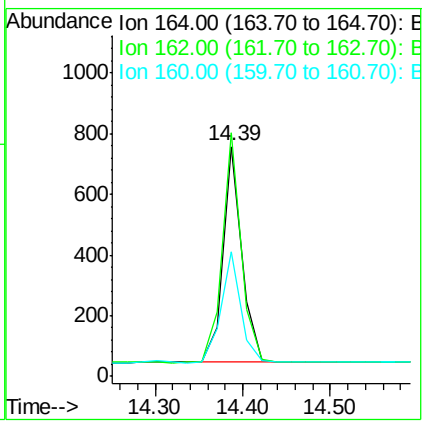


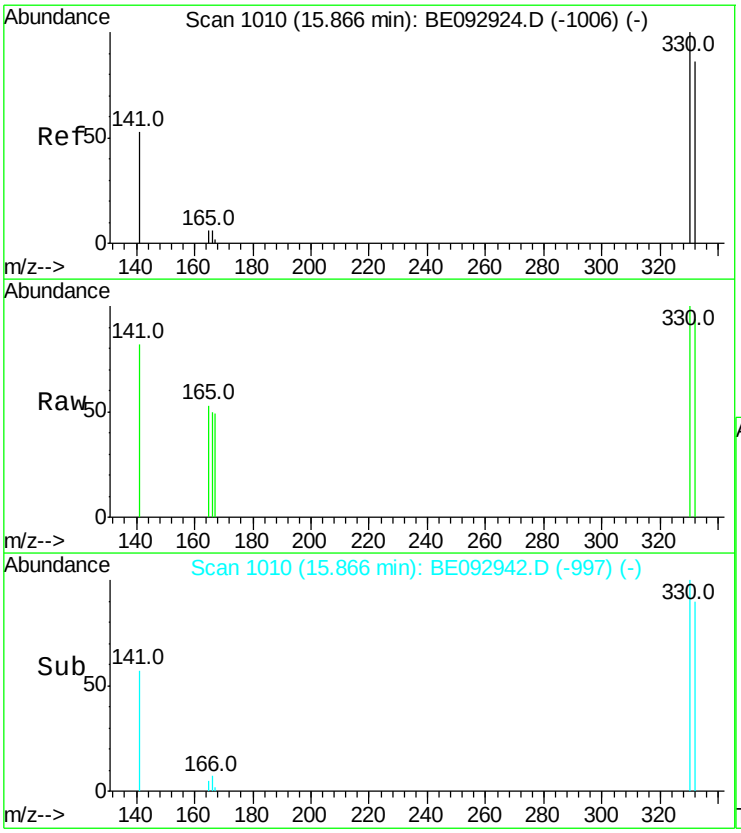
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1063

Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.6	130.0
160	54.0	44.5	66.7

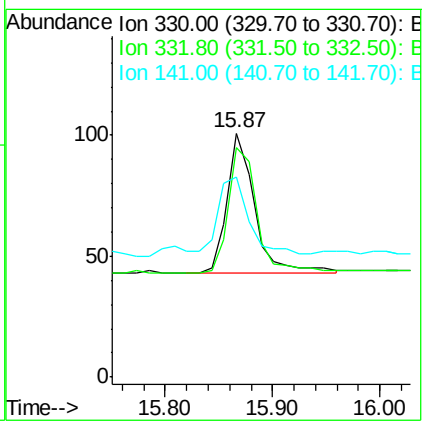


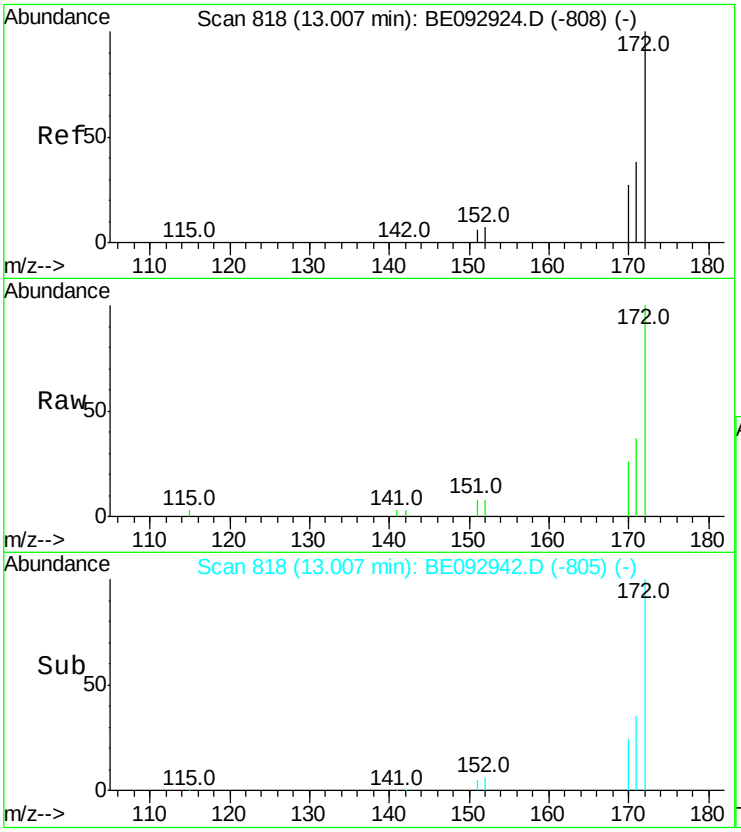


#14
2,4,6-Tribromophenol
Concen: 0.61 ng
RT: 15.87 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Tgt Ion:330 Resp: 102

Ion	Ratio	Lower	Upper
330	100		
332	94.1	69.1	103.7
141	62.7	54.6	81.8



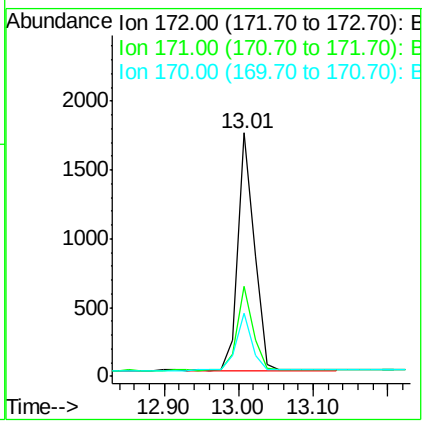


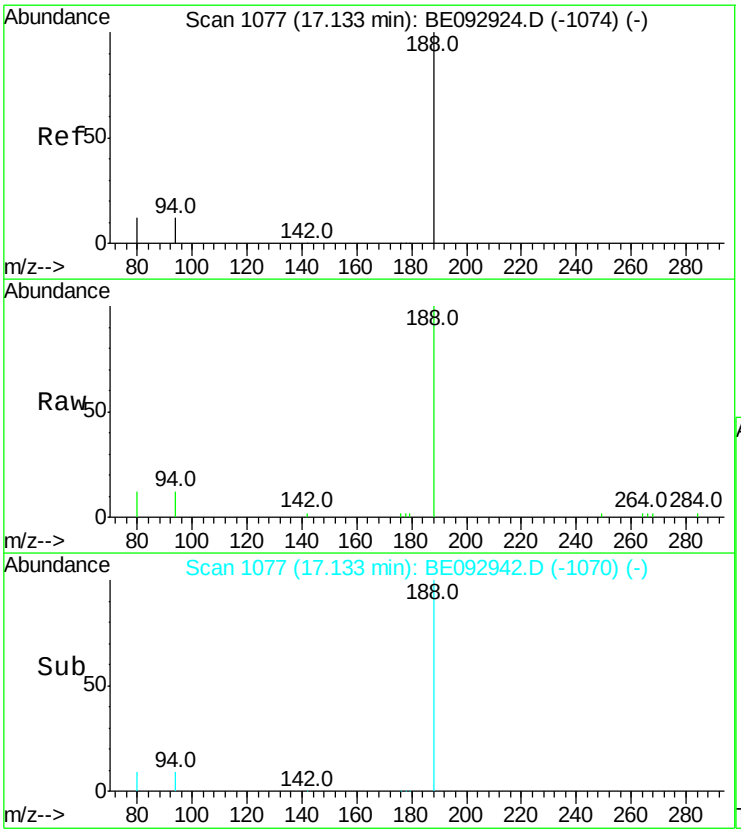
#15
2-Fluorobiphenyl
Concen: 0.54 ng
RT: 13.01 min Scan# 818
Delta R.T. 0.00 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2616

Ion	Ratio	Lower	Upper
172	100		
171	37.0	35.8	53.6
170	25.9	28.5	42.7#

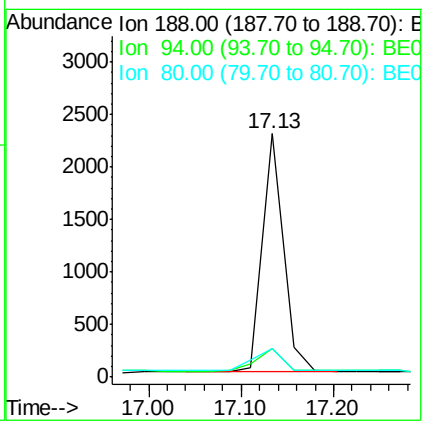


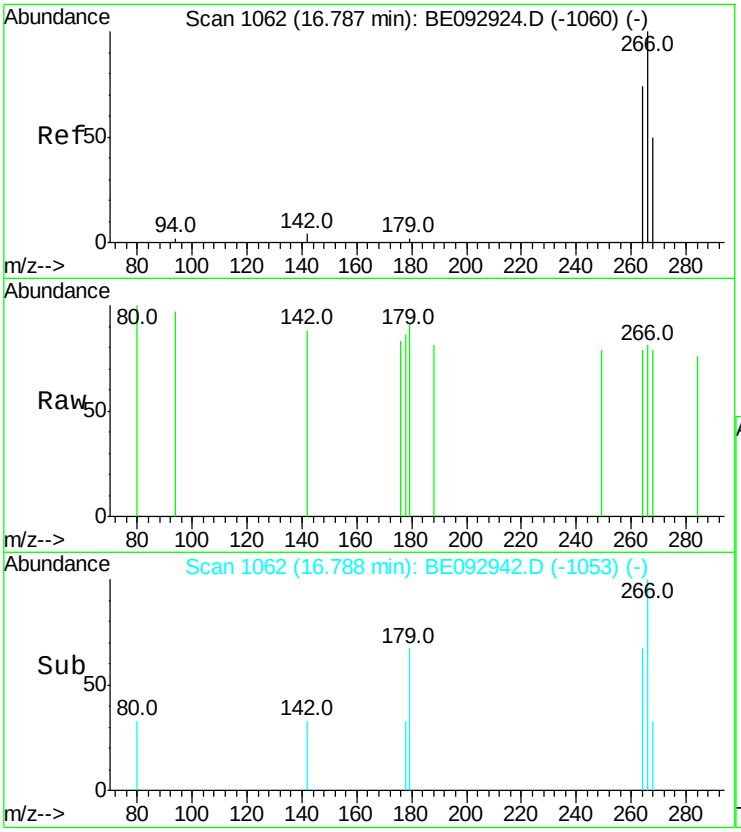


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Tgt Ion:188 Resp: 3581

Ion	Ratio	Lower	Upper
188	100		
94	11.7	10.2	15.4
80	11.6	10.6	15.8



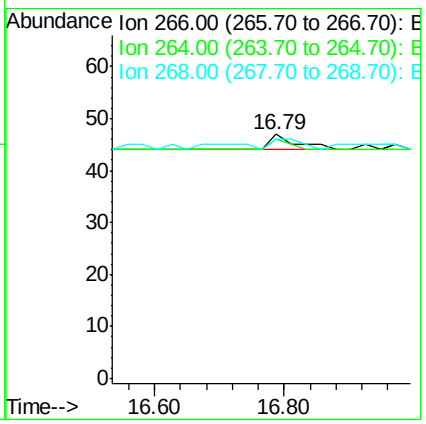


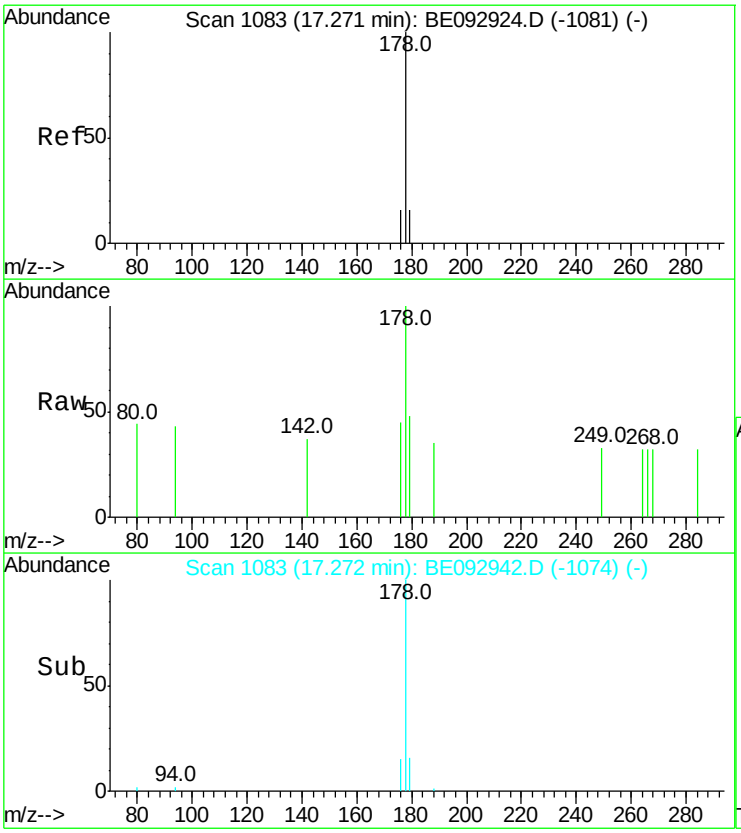
#21
Pentachlorophenol
Concen: 0.17 ng
RT: 16.79 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 8

Ion	Ratio	Lower	Upper
266	100		
264	97.9	75.4	113.2
268	97.9	75.4	113.2

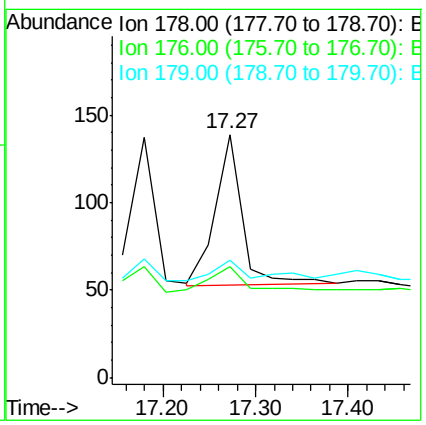


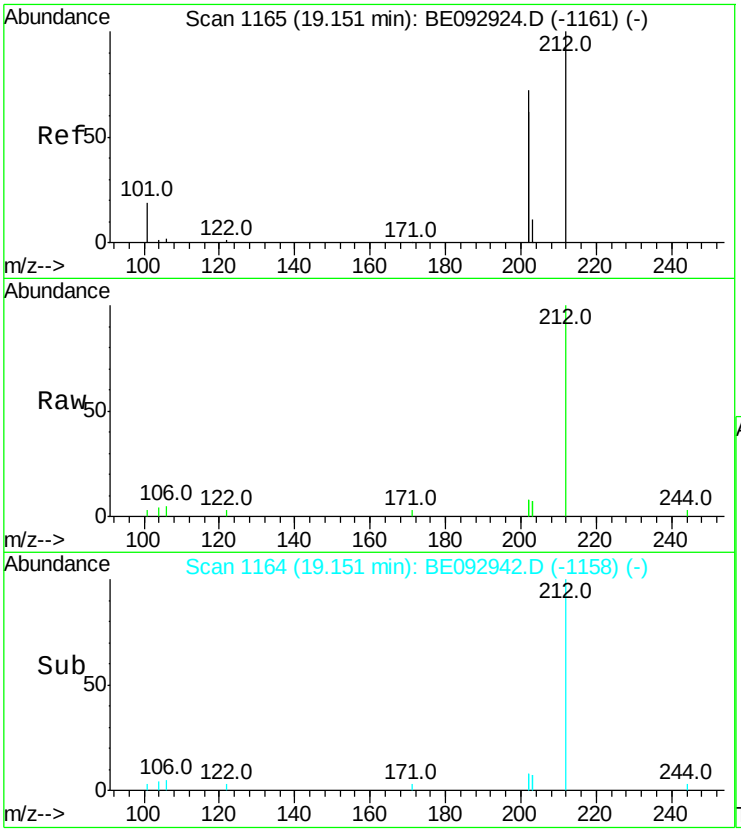


#23
Anthracene
Concen: 0.02 ng
RT: 17.27 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Tgt Ion:178 Resp: 178

Ion	Ratio	Lower	Upper
178	100		
176	22.5	14.7	22.1#
179	16.9	12.8	19.2



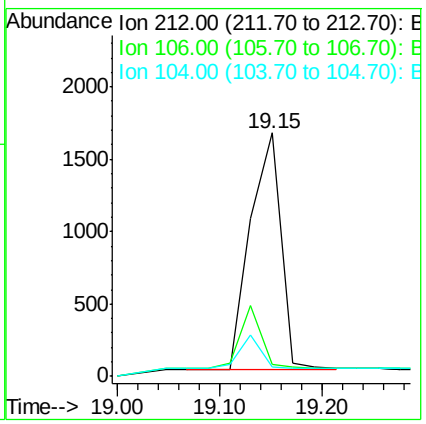


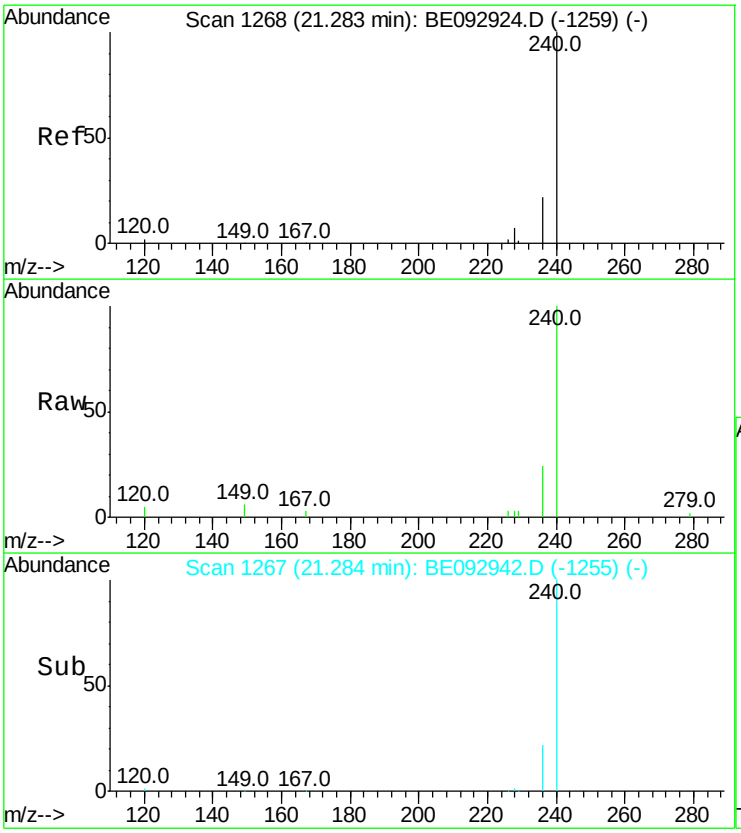
#24
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.15 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 3436

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

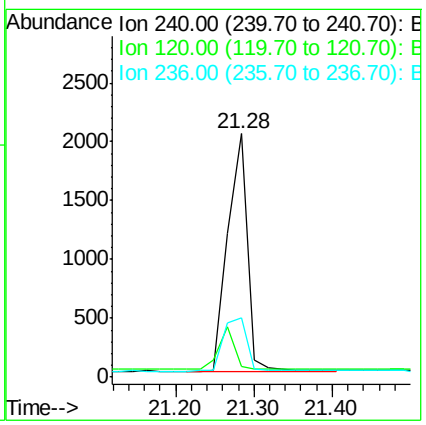


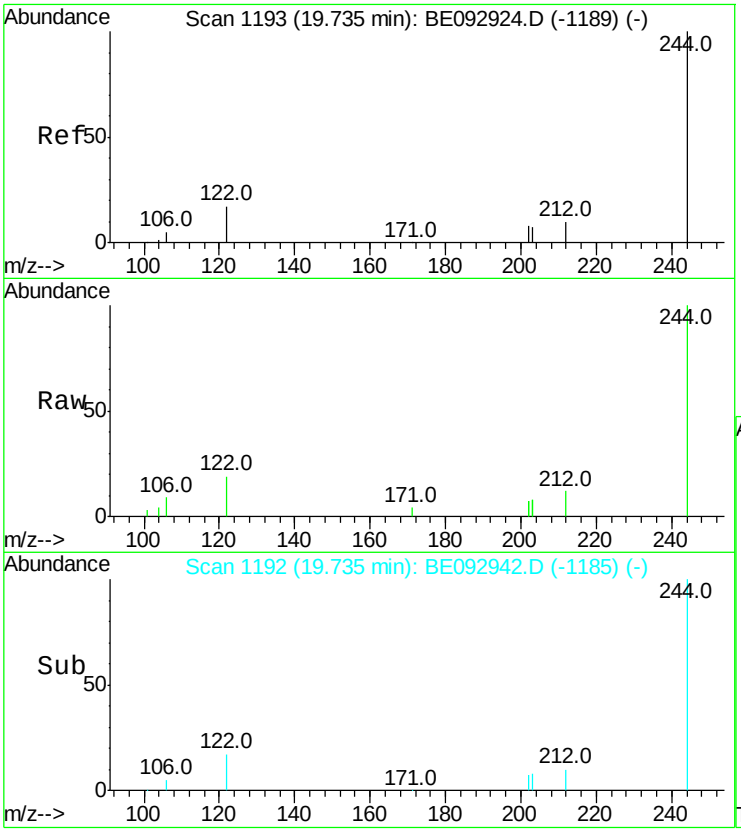


#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Tgt Ion:240 Resp: 3499

Ion	Ratio	Lower	Upper
240	100		
120	4.5	4.6	6.8#
236	24.4	19.8	29.8



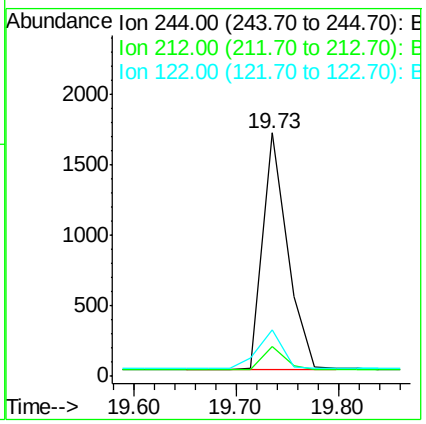


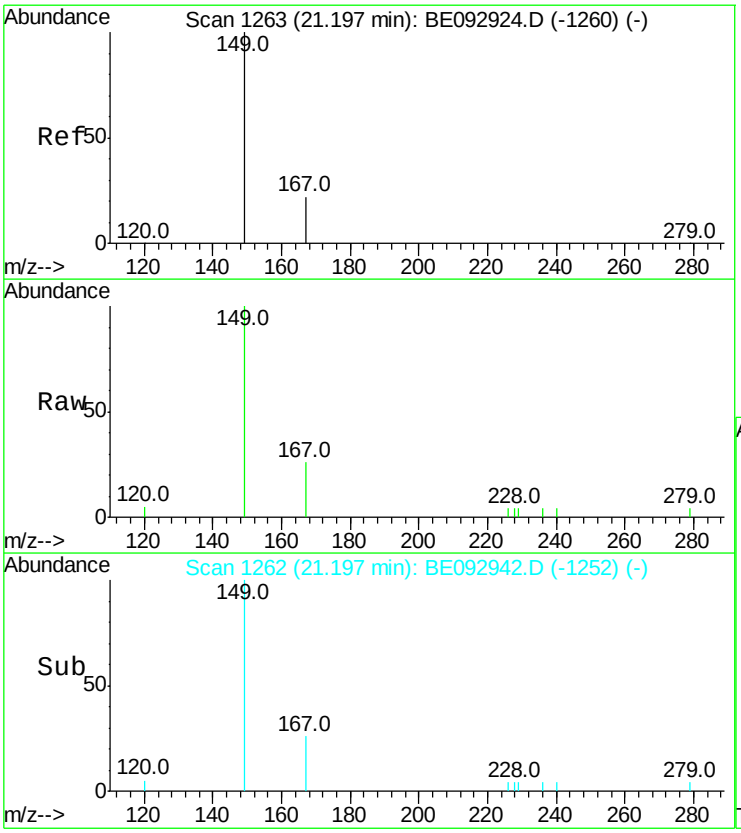
#28
Terphenyl-d14
Concen: 0.46 ng
RT: 19.73 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 2794

Ion	Ratio	Lower	Upper
244	100		
212	12.4	18.4	27.6#
122	19.3	23.3	34.9#

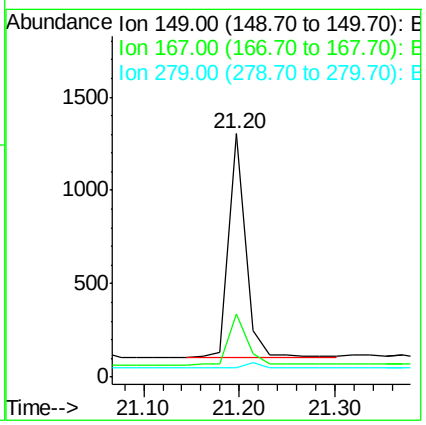


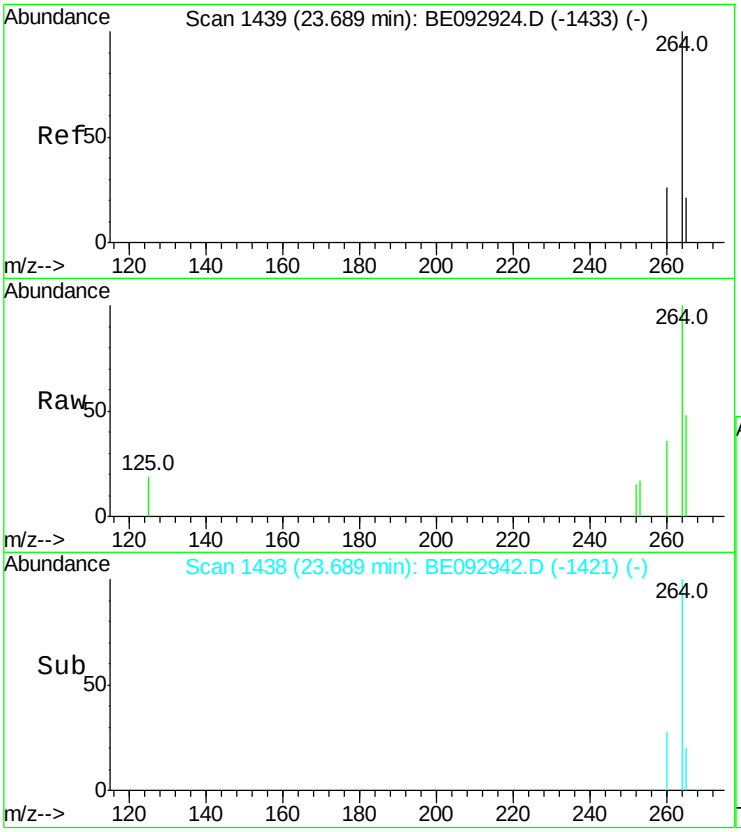


#31
Bis(2-ethylhexyl)phthalate
Concen: 0.65 ng
RT: 21.20 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Tgt Ion:149 Resp: 1462

Ion	Ratio	Lower	Upper
149	100		
167	24.2	20.9	31.3
279	3.2	0.0	0.0#



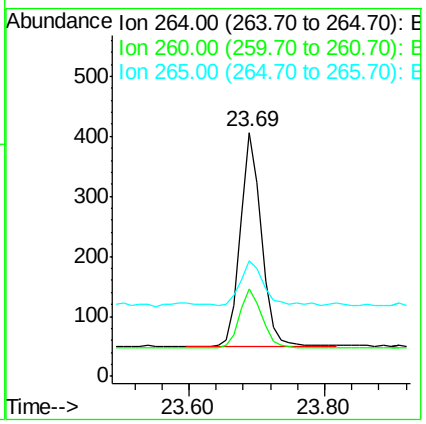


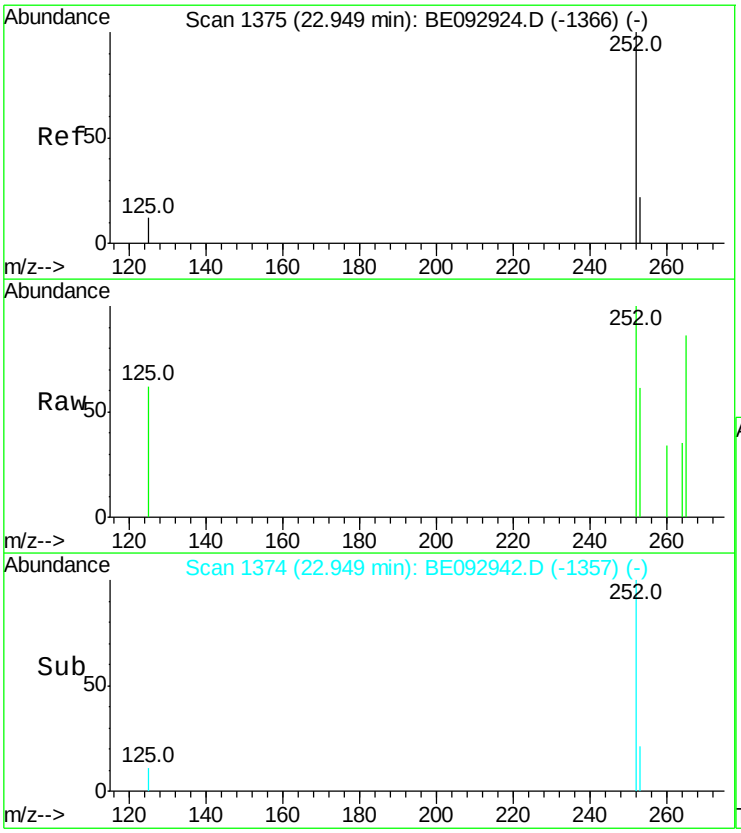
#33
Perylene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 774

Ion	Ratio	Lower	Upper
264	100		
260	36.0	23.5	35.3#
265	47.5	27.2	40.8#

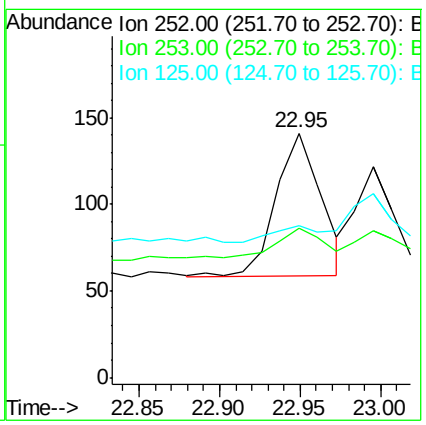


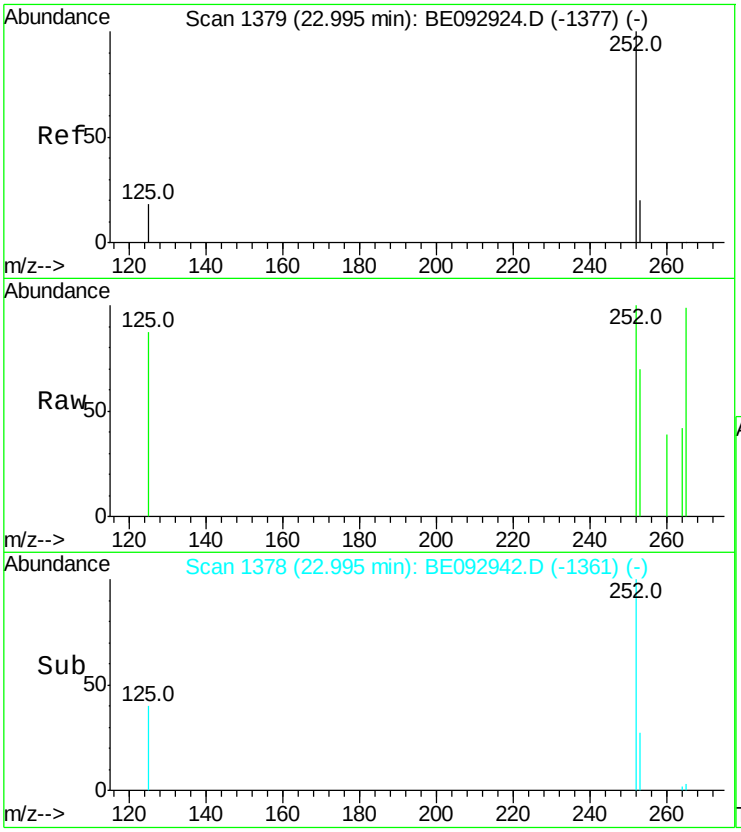


#34
Benzo(b)fluoranthene
Concen: 0.06 ng
RT: 22.95 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Tgt Ion:252 Resp: 161

Ion	Ratio	Lower	Upper
252	100		
253	61.0	24.7	37.1#
125	62.4	20.3	30.5#



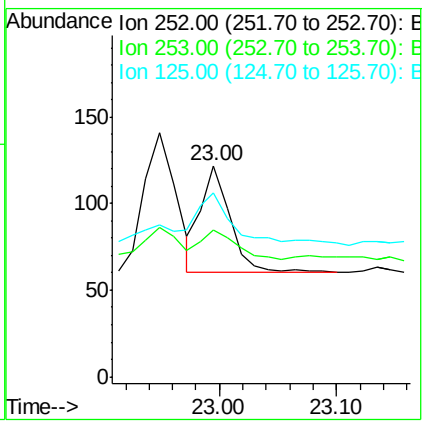


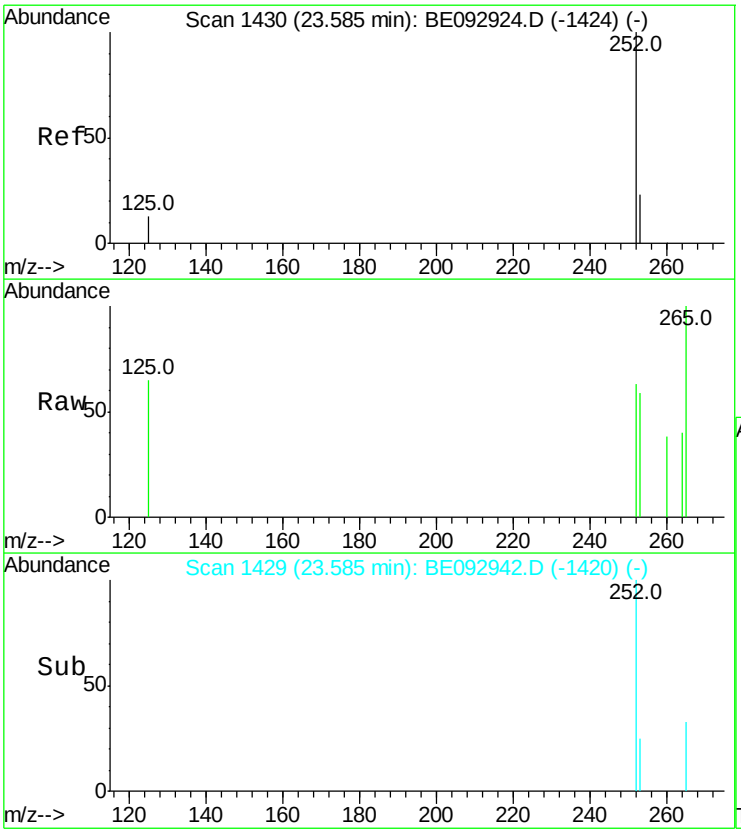
#35
Benzo(k)fluoranthene
Concen: 0.04 ng
RT: 23.00 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 109

Ion	Ratio	Lower	Upper
252	100		
253	69.7	25.8	38.8#
125	86.9	22.9	34.3#

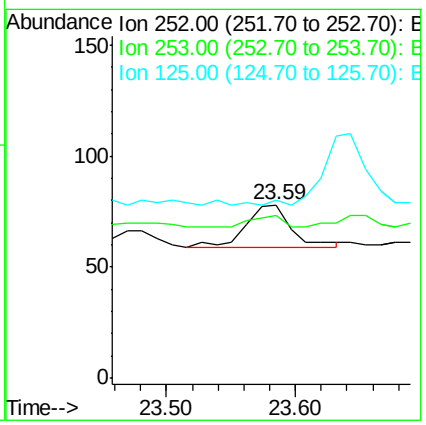


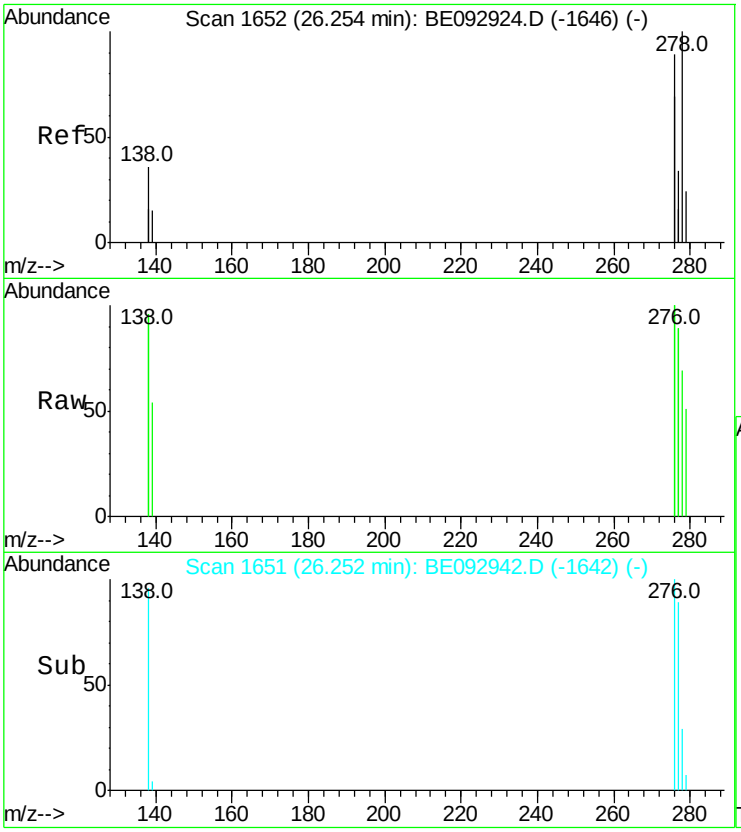


#36
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.59 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Tgt Ion:252 Resp: 46

Ion	Ratio	Lower	Upper
252	100		
253	93.6	31.3	46.9#
125	102.6	26.4	39.6#



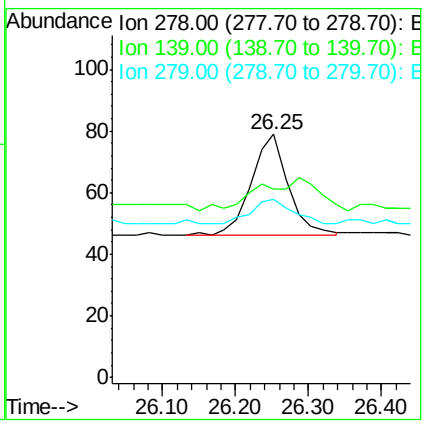


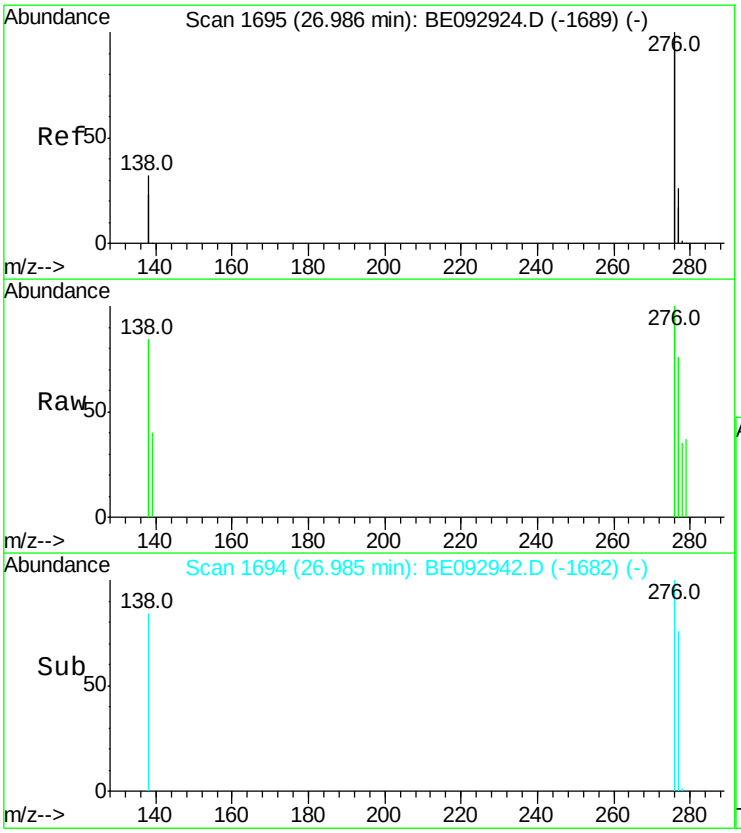
#37
Dibenzo(a,h)anthracene
Concen: 0.05 ng
RT: 26.25 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 118

Ion	Ratio	Lower	Upper
278	100		
139	77.2	27.4	41.2#
279	73.4	33.3	49.9#





#38
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 26.99 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BE092942.D
Acq: 5 May 2017 22:54

Tgt Ion:276 Resp: 374

Ion	Ratio	Lower	Upper
276	100		
277	76.3	29.9	44.9#
138	84.4	34.6	51.8#