Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050917\
Data File : BE092960.D
Acq On : 9 May 2017 11:59
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 09 17:12:59 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 15:34:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	706	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	3193	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	1604	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	4017	0.40	ng		0.00
26) Chrysene-d12	21.28	240	4666	0.40	ng		0.00
33) Perylene-d12	23.70	264	4371	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	835	0.53	ng		0.00
5) Phenol-d6	6.94	99	1117	0.50	ng		0.00
8) Nitrobenzene-d5	8.93	82	973	0.45	ng		0.02
11) 2-Methylnaphthalene-d10	12.13	152	1803	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	151	0.60	ng		0.01
15) 2-Fluorobiphenyl	13.02	172	2652	0.36	ng		0.01
24) Fluoranthene-d10	19.15	212	4363	0.47	ng		0.00
28) Terphenyl-d14	19.74	244	2794	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	563	0.42	ng		99
3) n-Nitrosodimethylamine	3.61	42	522	0.50	ng	#	84
6) bis(2-Chloroethyl)ether	7.20	93	1143	0.44	ng		99
9) Naphthalene	10.58	128	3361	0.39	ng	#	86
10) Hexachlorobutadiene	10.89	225	464	0.40	ng		94
12) 2-Methylnaphthalene	12.19	142	2049	0.39	ng		95
16) Acenaphthylene	14.10	152	10582	0.42	ng		98
17) Acenaphthene	14.45	154	2014	0.40	ng		96
18) Fluorene	15.44	166	2525	0.40	ng		99
20) Hexachlorobenzene	16.47	284	751	0.44	ng	#	100
21) Pentachlorophenol	16.81	266	176	0.56	ng	#	84
22) Phenanthrene	17.18	178	4799	0.42	ng		96
23) Anthracene	17.27	178	3970	0.46	ng		99
25) Fluoranthene	19.17	202	21755	0.45	ng	#	97
27) Pyrene	19.53	202	22795	0.38	ng	#	100
29) Benzo(a)anthracene	21.27	228	4703	0.43	ng	#	83
30) Chrysene	21.32	228	5584	0.40	ng	#	84
31) Bis(2-ethylhexyl)phthalate	21.20	149	1946	0.65	ng	#	97
32) Indeno(1,2,3-cd)pyrene	26.24	276	31554	0.63	ng		99
34) Benzo(b)fluoranthene	22.96	252	6750	0.47	ng	#	84
35) Benzo(k)fluoranthene	23.01	252	6510	0.46	ng	#	79
36) Benzo(a)pyrene	23.58	252	5286	0.45	ng	#	74
37) Dibenzo(a,h)anthracene	26.27	278	6506	0.49	ng	#	76
38) Benzo(g,h,i)perylene	27.00	276	31166	0.56	ng	#	79

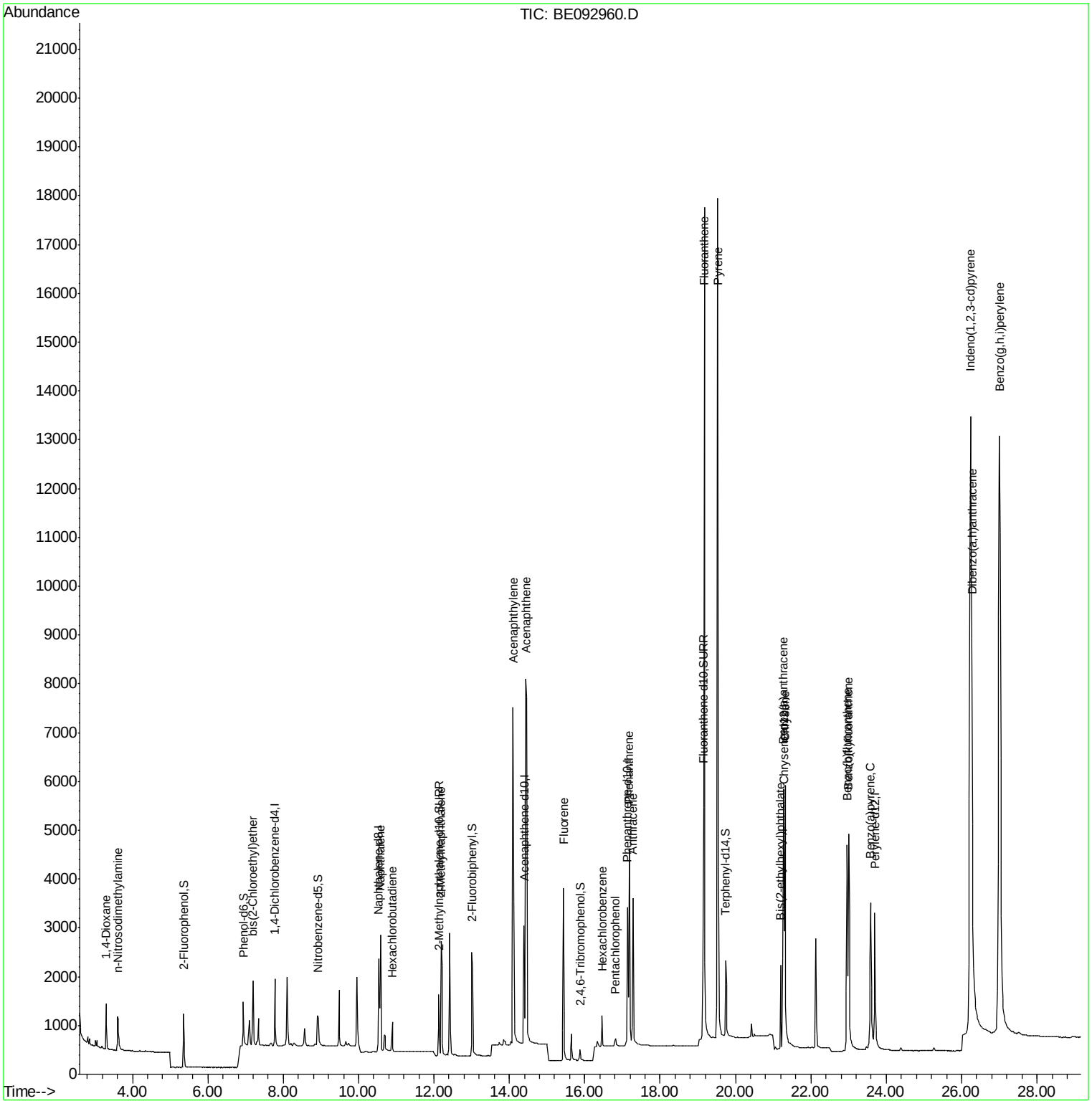
(#) = qualifier out of range (m) = manual integration (+) = signals summed

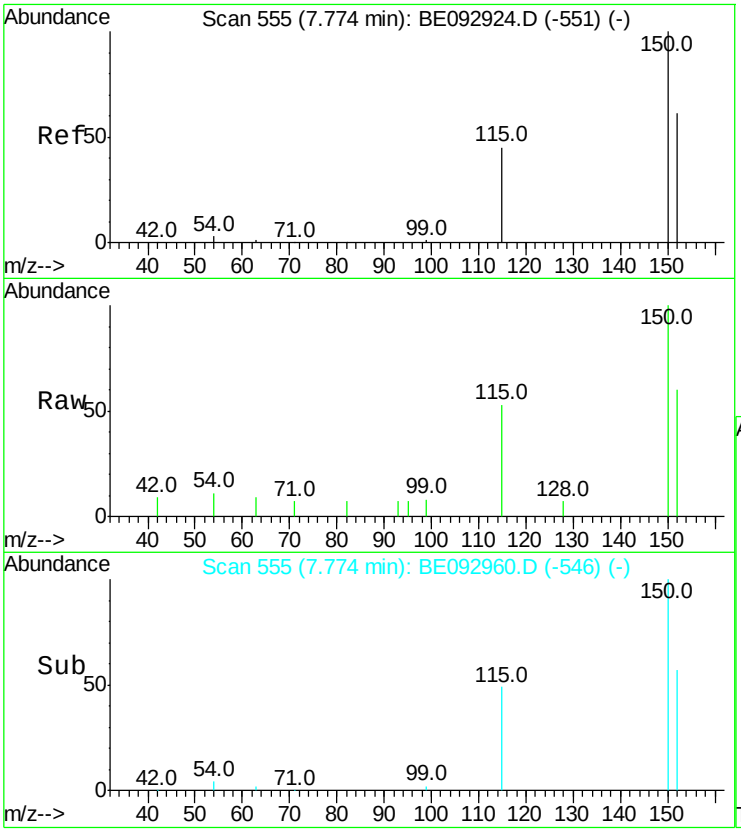
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050917\
Data File : BE092960.D
Acq On : 9 May 2017 11:59
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 09 17:12:59 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 15:34:16 2017
Response via : Initial Calibration



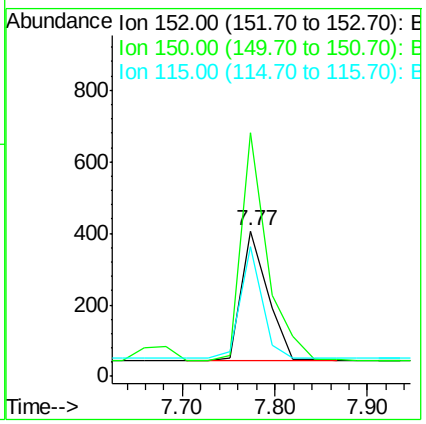


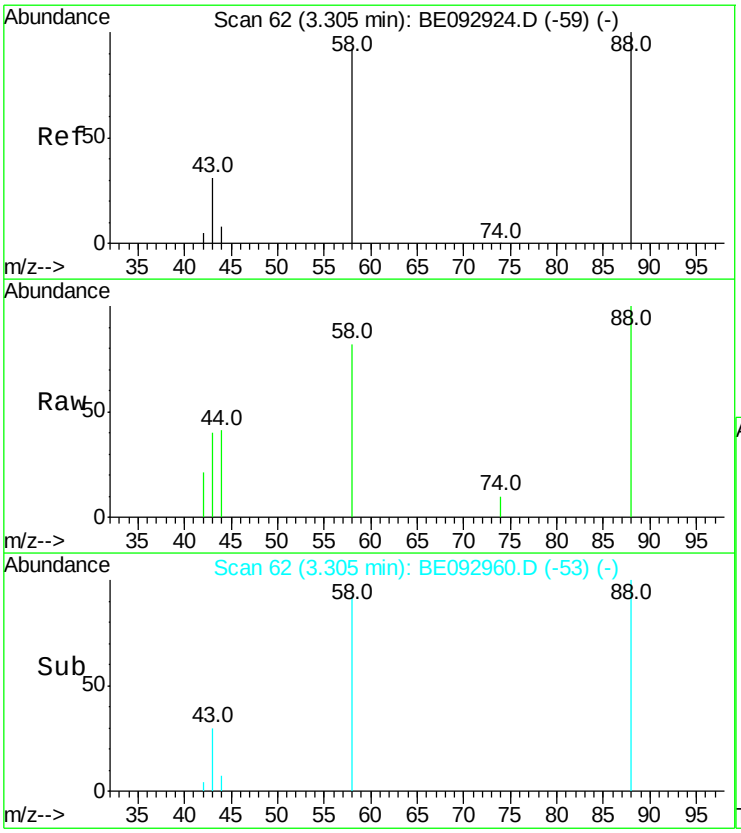
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 706

Ion	Ratio	Lower	Upper
152	100		
150	167.7	129.9	194.9
115	89.7	62.6	93.8

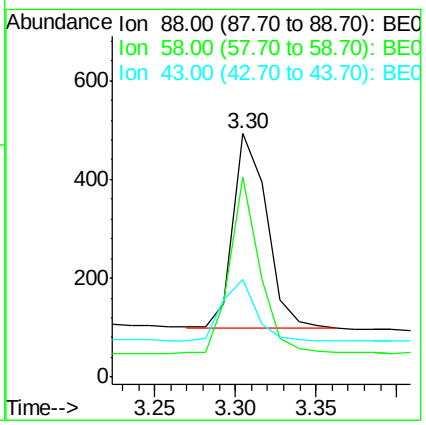


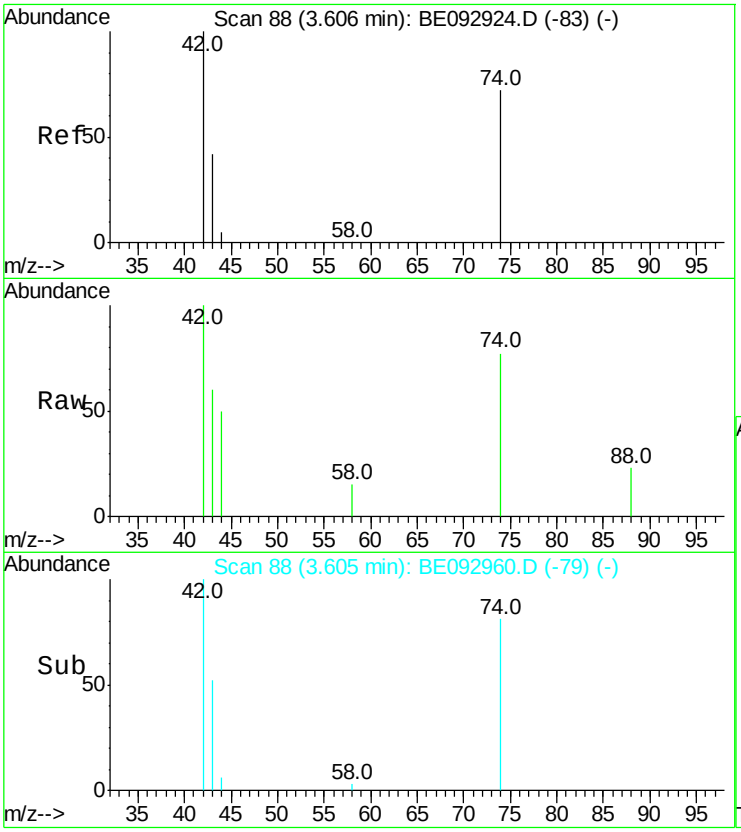


#2
1,4-Dioxane
Concen: 0.42 ng
RT: 3.30 min Scan# 62
Delta R.T. -0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Tgt Ion: 88 Resp: 563

Ion	Ratio	Lower	Upper
88	100		
58	81.2	64.9	97.3
43	31.8	26.6	40.0

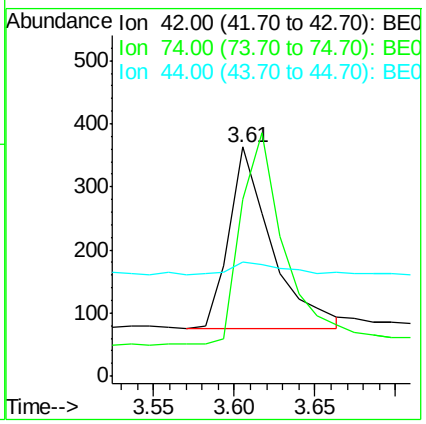




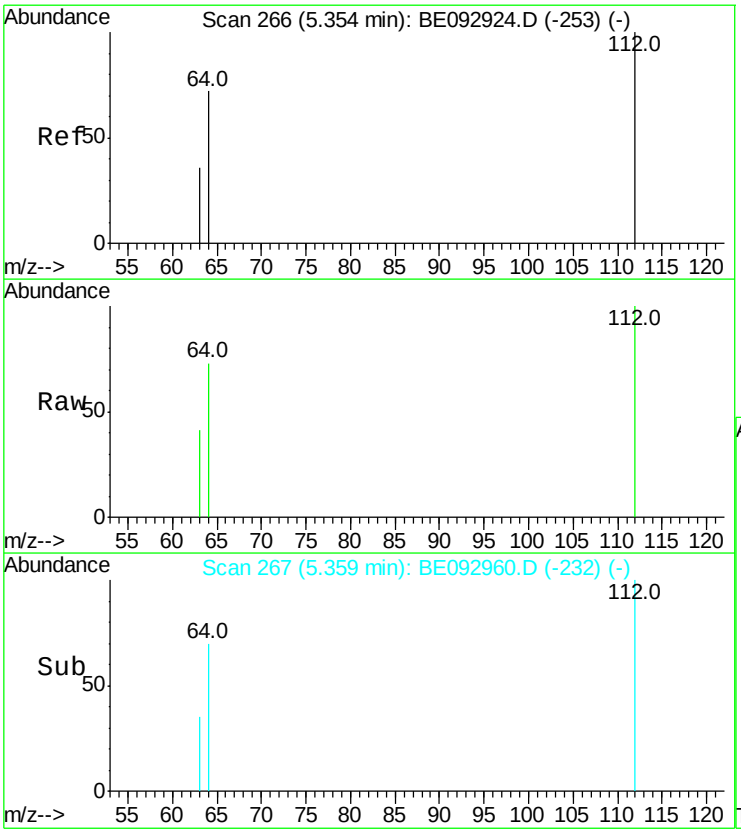
#3
n-Nitrosodimethylamine
Concen: 0.50 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Tgt Ion: 42 Resp: 522

Ion	Ratio	Lower	Upper
42	100		
74	121.6	106.6	160.0
44	9.4	25.7	38.5#



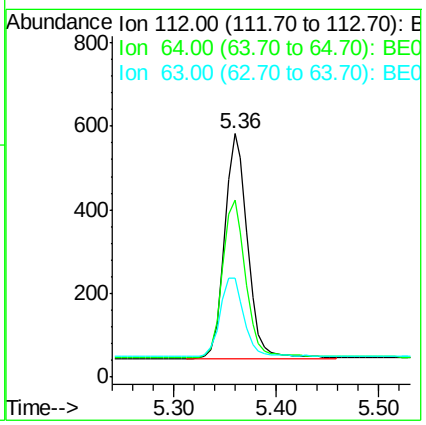
Instrument :
BNA_E
ClientSampleId :

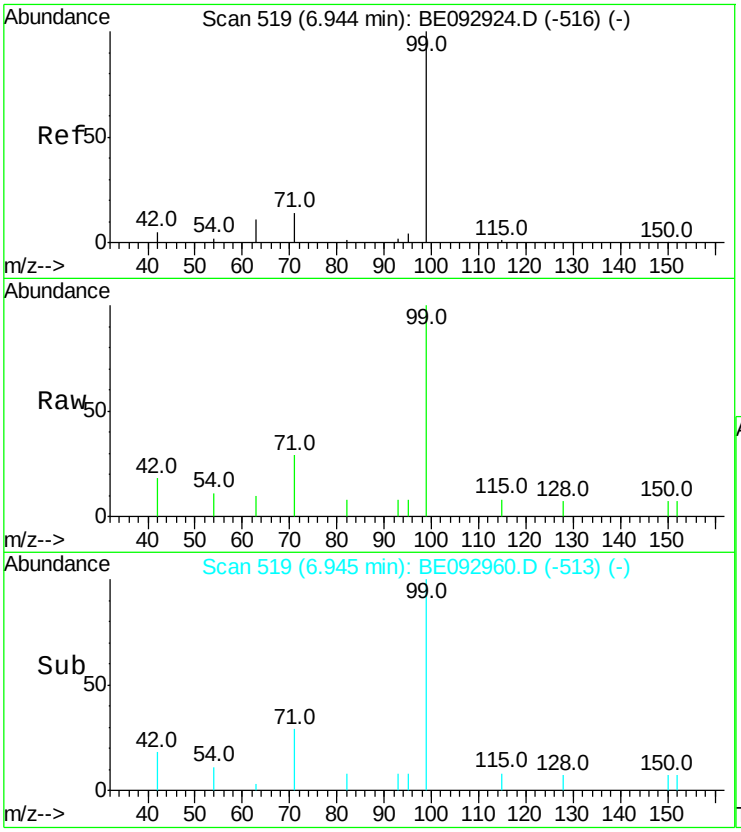


#4
2-Fluorophenol
Concen: 0.53 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.01 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Tgt Ion:112 Resp: 835

Ion	Ratio	Lower	Upper
112	100		
64	72.7	52.6	79.0
63	36.6	29.0	43.4



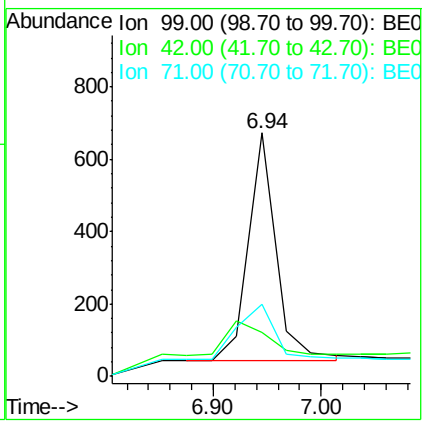


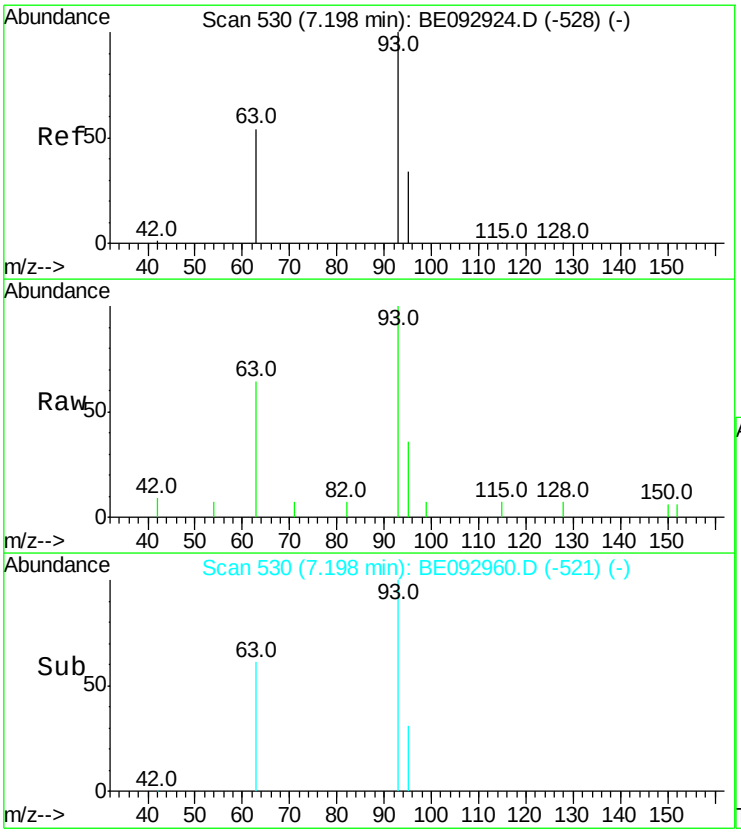
#5
Phenol-d6
Concen: 0.50 ng
RT: 6.94 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1117

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	32.9	0.0	0.0#

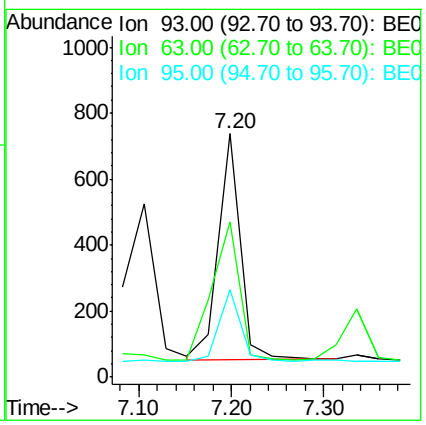


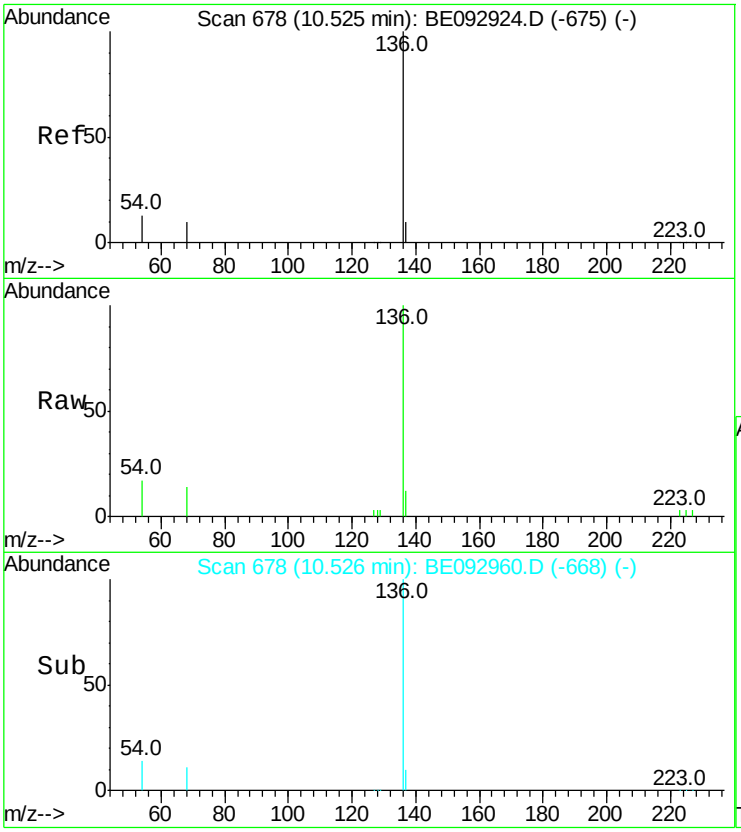


#6
bis(2-Chloroethyl)ether
Concen: 0.44 ng
RT: 7.20 min Scan# 530
Delta R.T. 0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Tgt Ion: 93 Resp: 1143

Ion	Ratio	Lower	Upper
93	100		
63	75.7	61.2	91.8
95	31.0	25.5	38.3



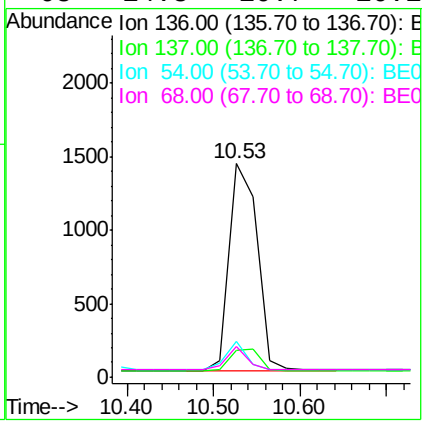


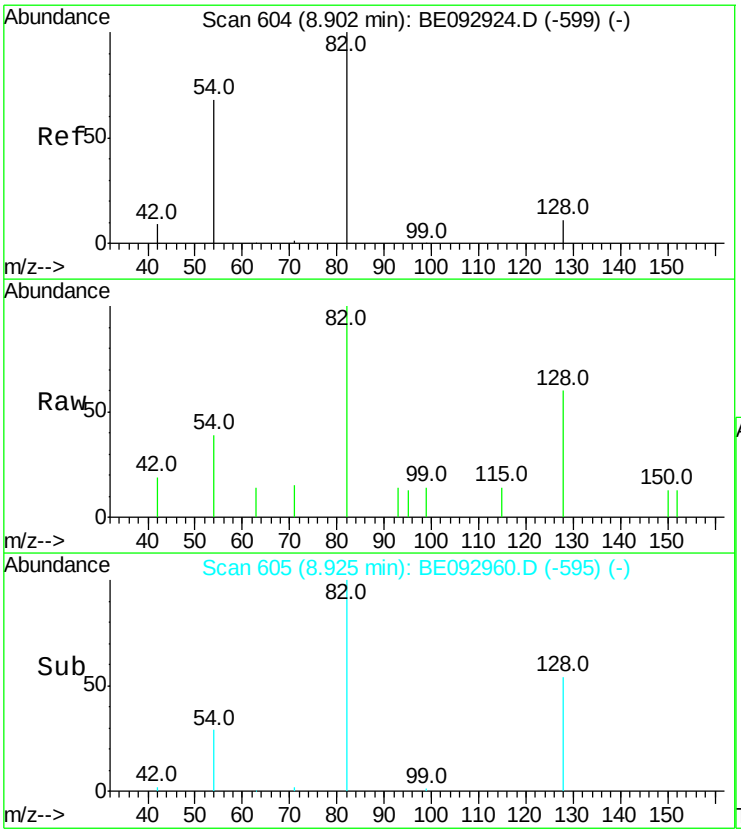
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. 0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3193

Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.4	15.6
54	16.9	12.6	18.8
68	14.3	10.7	16.1

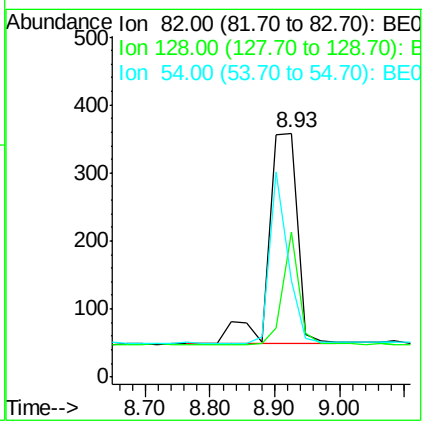


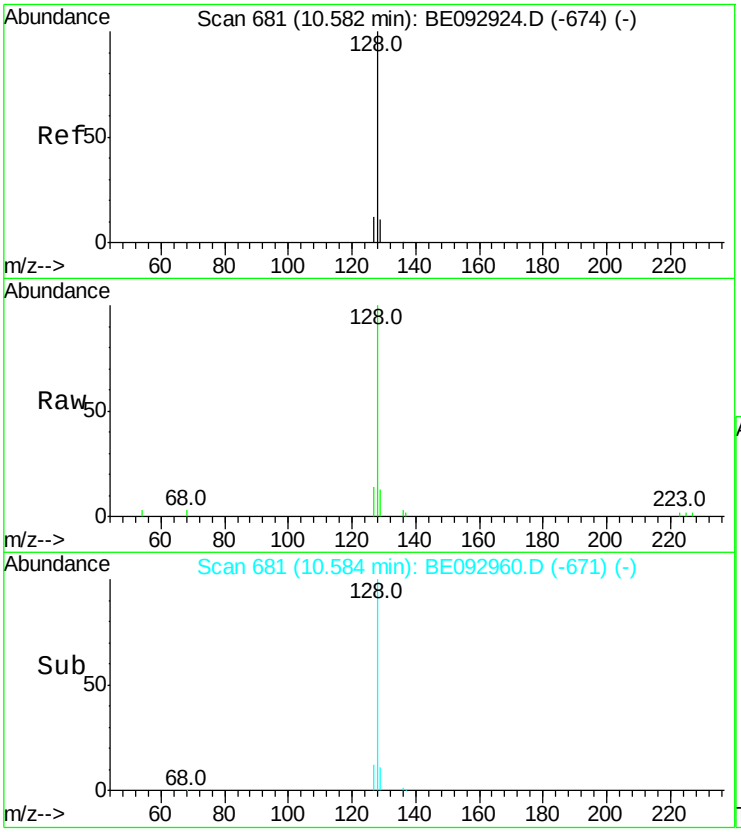


#8
Nitrobenzene-d5
Concen: 0.45 ng
RT: 8.93 min Scan# 605
Delta R.T. 0.02 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Tgt Ion: 82 Resp: 973

Ion	Ratio	Lower	Upper
82	100		
128	59.8	35.3	52.9#
54	39.4	65.1	97.7#



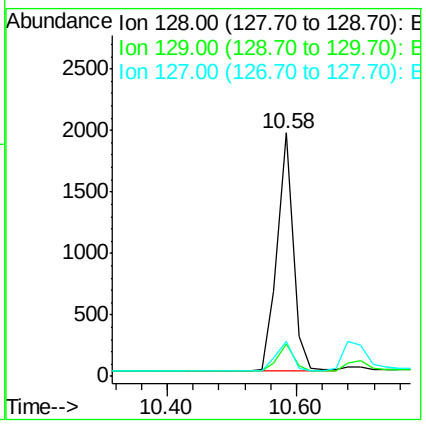


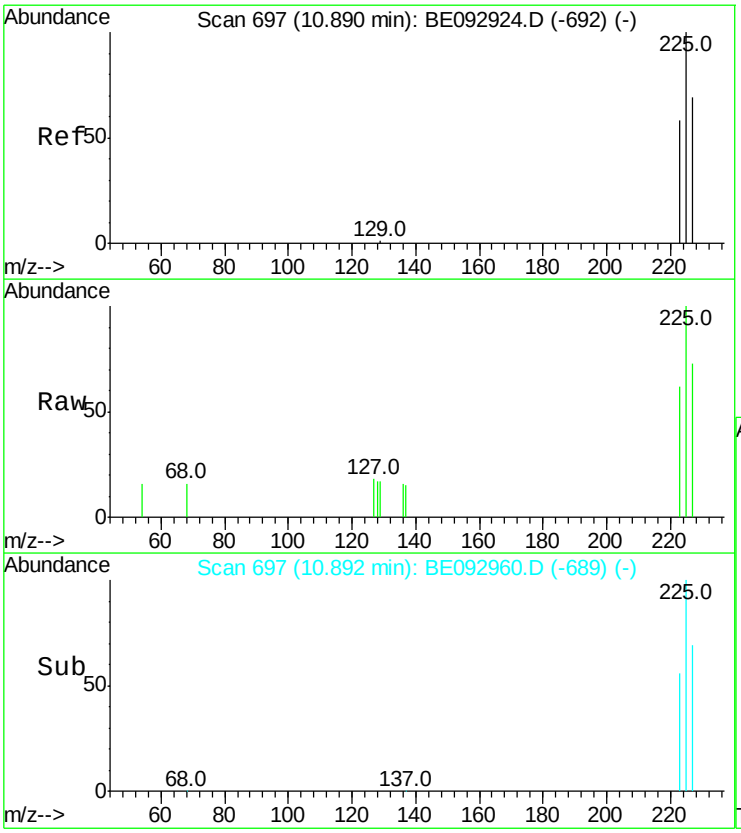
#9
Naphthalene
Concen: 0.39 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 3361

Ion	Ratio	Lower	Upper
128	100		
129	13.1	15.8	23.8#
127	14.1	16.0	24.0#

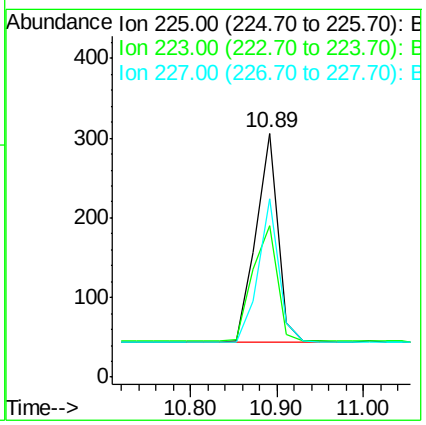


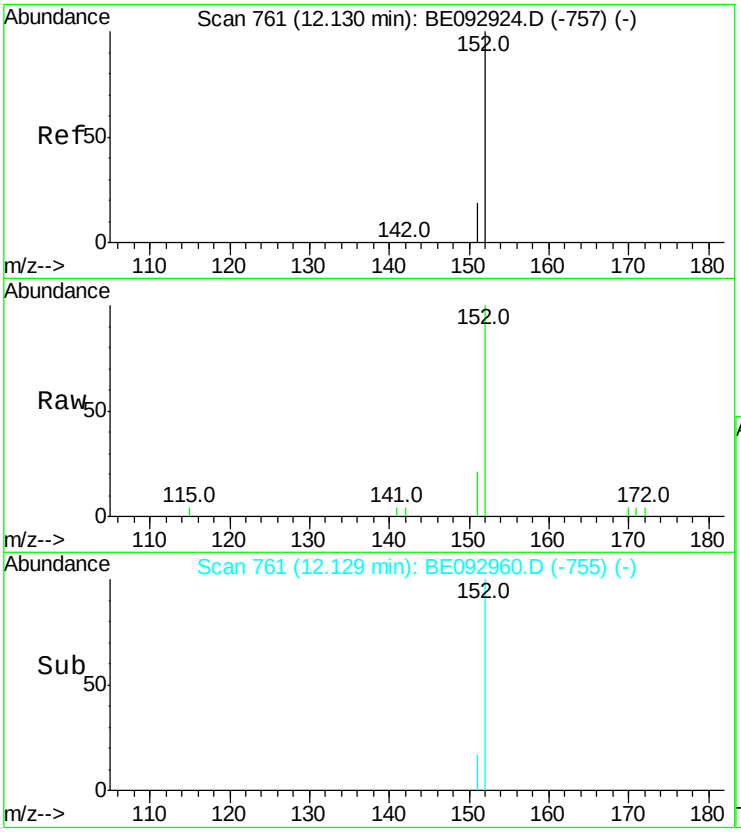


#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 10.89 min Scan# 697
Delta R.T. 0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Tgt Ion:225 Resp: 464

Ion	Ratio	Lower	Upper
225	100		
223	61.6	55.4	83.2
227	63.6	52.2	78.4



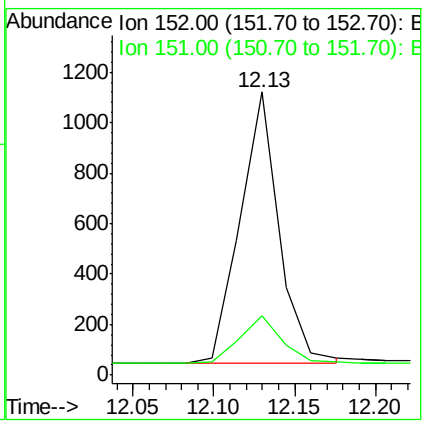


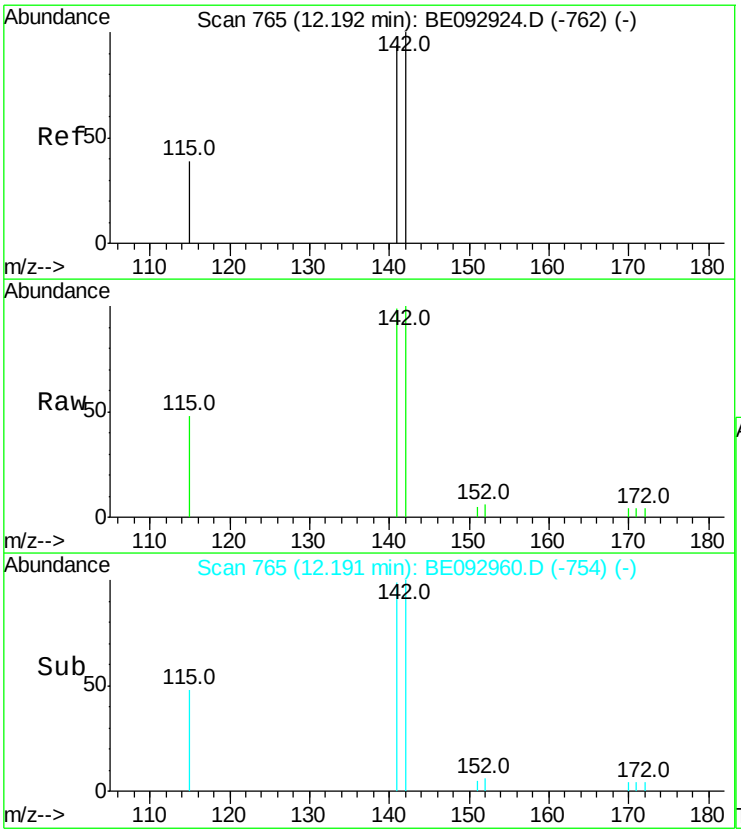
#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.13 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1803

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.7	23.5

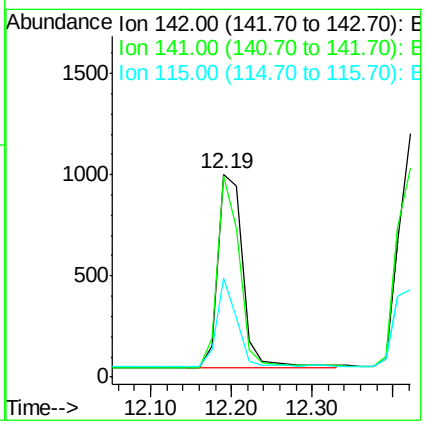


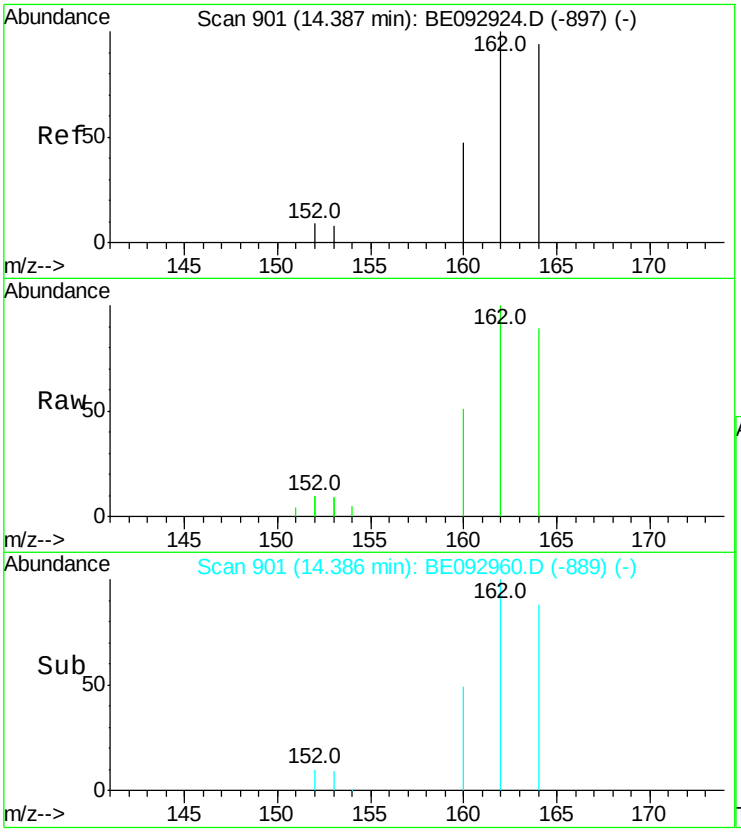


#12
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Tgt Ion:142 Resp: 2049

Ion	Ratio	Lower	Upper
142	100		
141	99.1	76.0	114.0
115	48.5	41.6	62.4



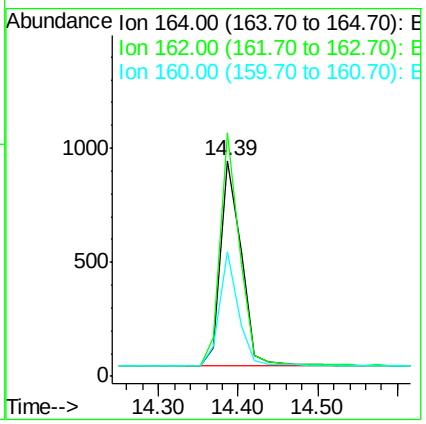


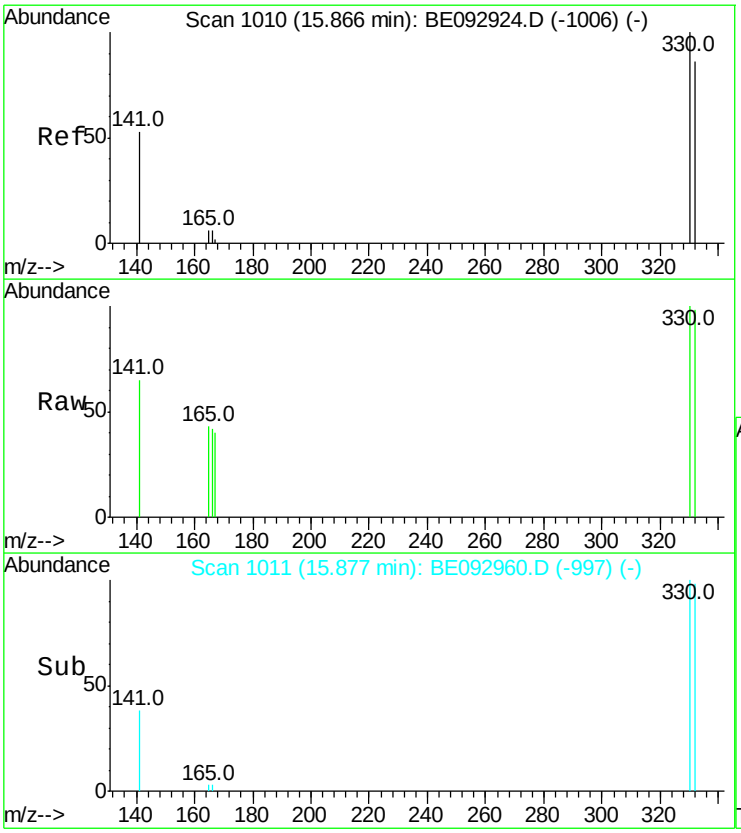
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1604

Ion	Ratio	Lower	Upper
164	100		
162	112.9	86.6	130.0
160	57.7	44.5	66.7

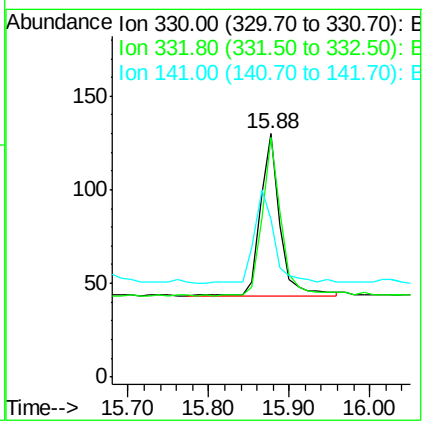


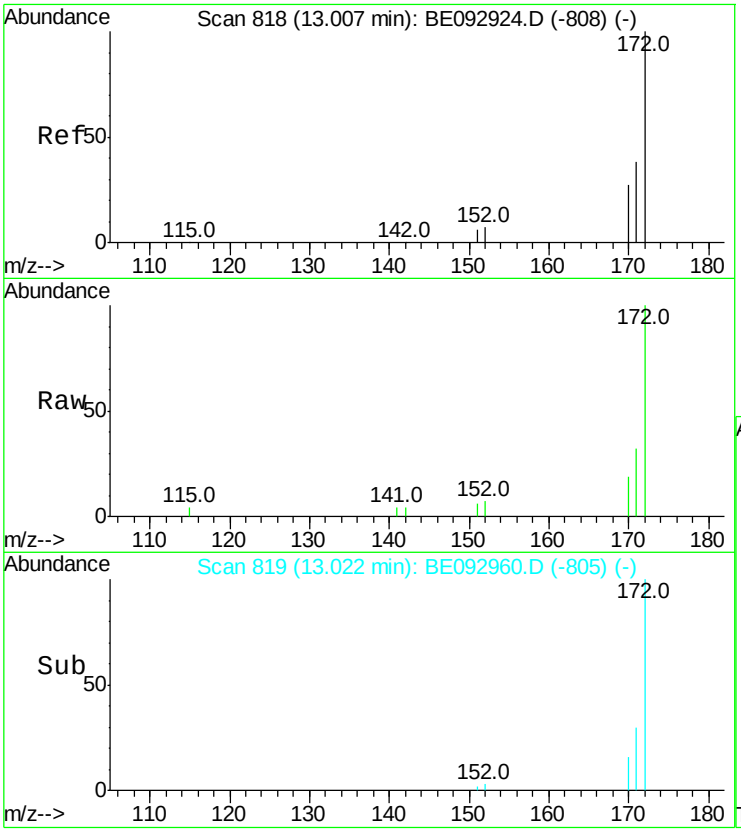


#14
2,4,6-Tribromophenol
Concen: 0.60 ng
RT: 15.88 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Tgt Ion:330 Resp: 151

Ion	Ratio	Lower	Upper
330	100		
332	95.4	69.1	103.7
141	58.9	54.6	81.8



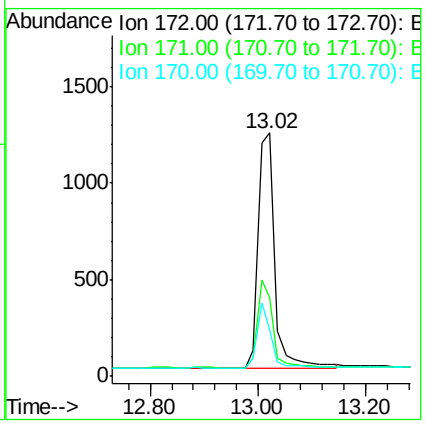


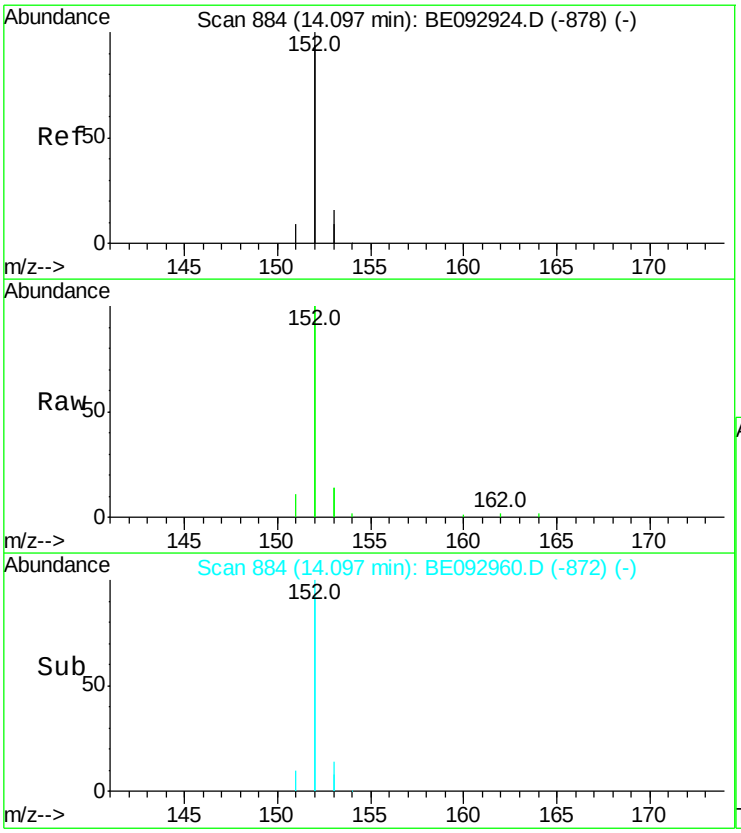
#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.01 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2652

Ion	Ratio	Lower	Upper
172	100		
171	32.1	35.8	53.6#
170	19.3	28.5	42.7#

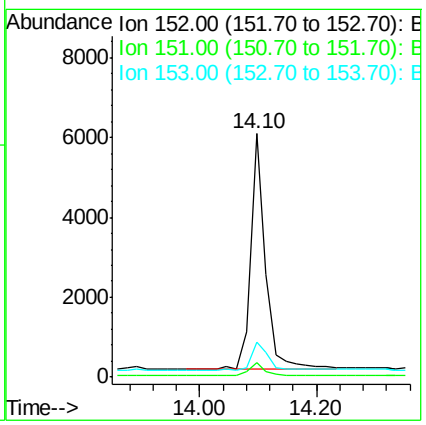


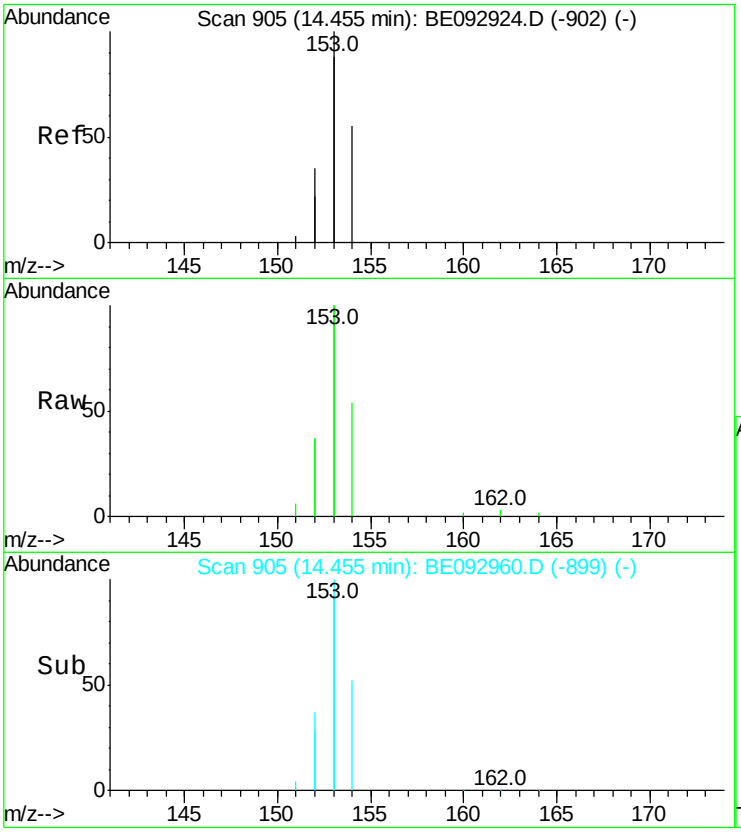


#16
Acenaphthylene
Concen: 0.42 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Tgt Ion:152 Resp: 10582

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.8	5.8
153	13.4	10.0	15.0



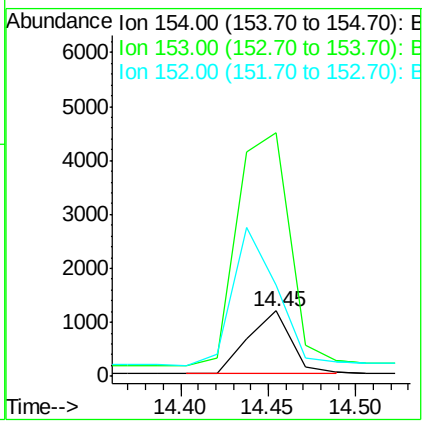


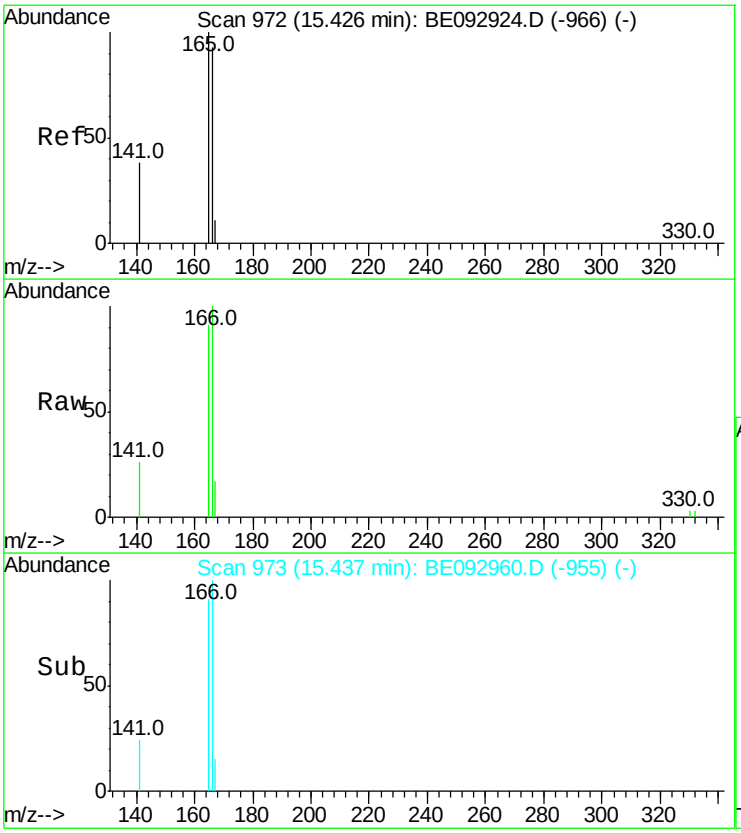
#17
Acenaphthene
Concen: 0.40 ng
RT: 14.45 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2014

Ion	Ratio	Lower	Upper
154	100		
153	455.6	355.6	533.4
152	225.3	177.8	266.8

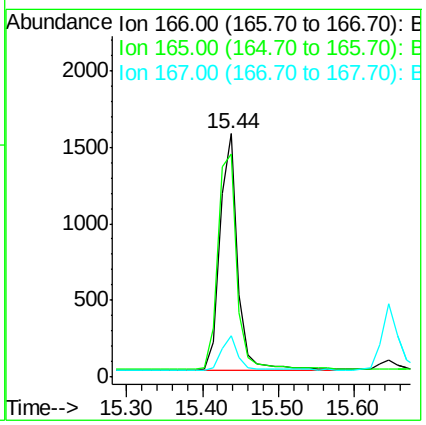


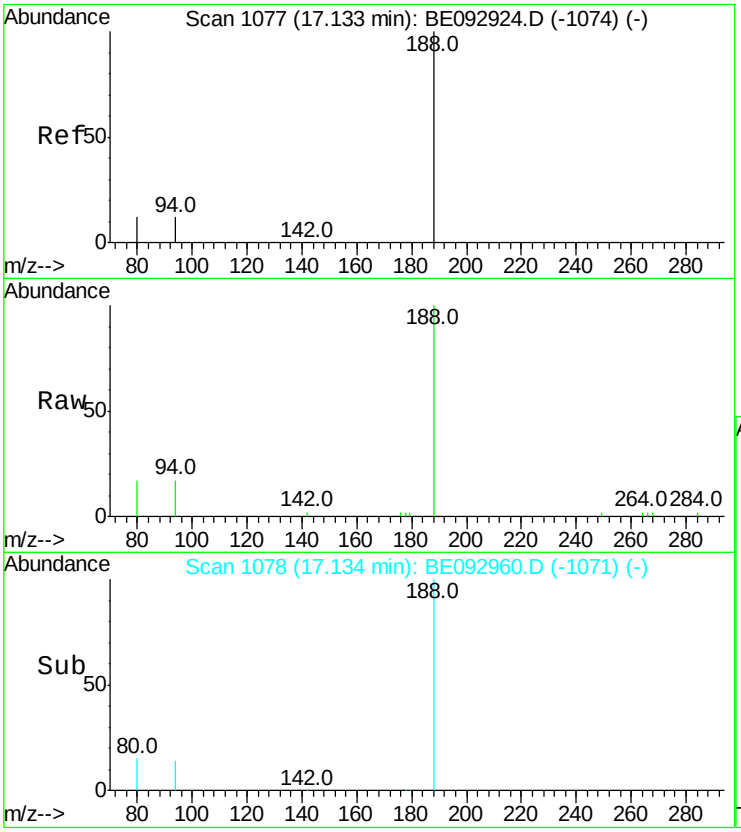


#18
Fluorene
Concen: 0.40 ng
RT: 15.44 min Scan# 973
Delta R.T. 0.01 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Tgt Ion:166 Resp: 2525

Ion	Ratio	Lower	Upper
166	100		
165	99.9	80.7	121.1
167	14.7	11.3	16.9



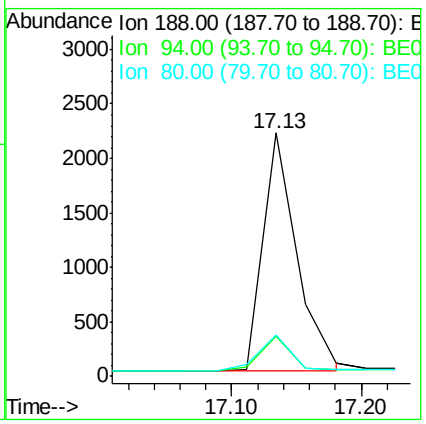


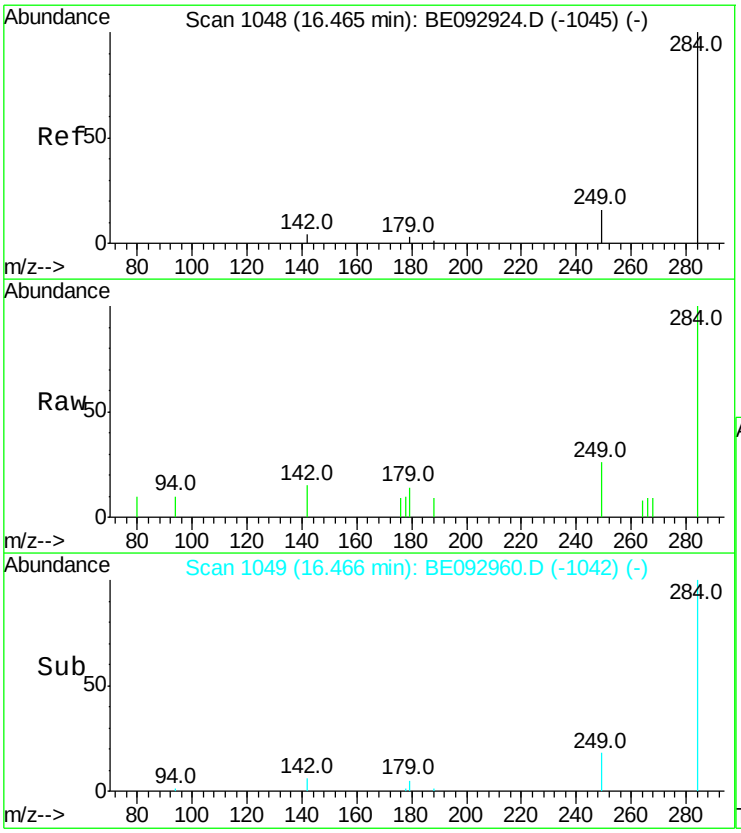
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 4017

Ion	Ratio	Lower	Upper
188	100		
94	16.5	10.2	15.4#
80	17.2	10.6	15.8#

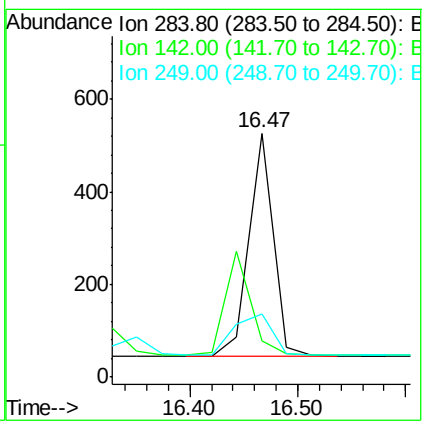


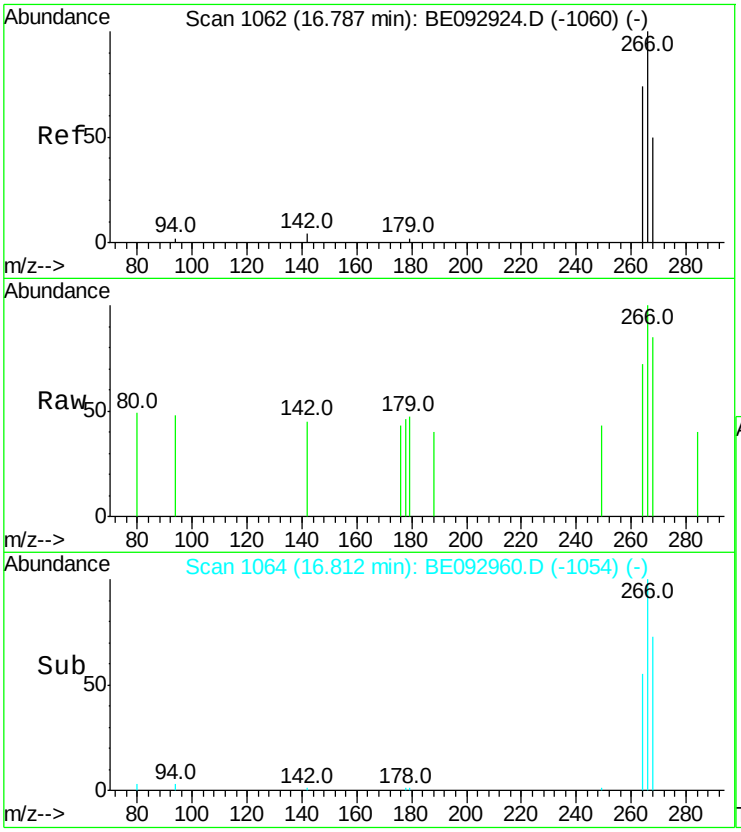


#20
Hexachlorobenzene
Concen: 0.44 ng
RT: 16.47 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Tgt Ion:284 Resp: 751

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	28.8	0.0	0.0#



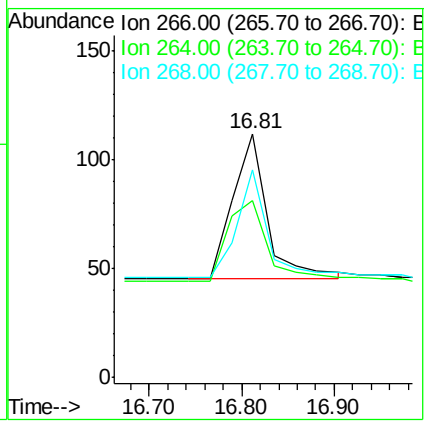


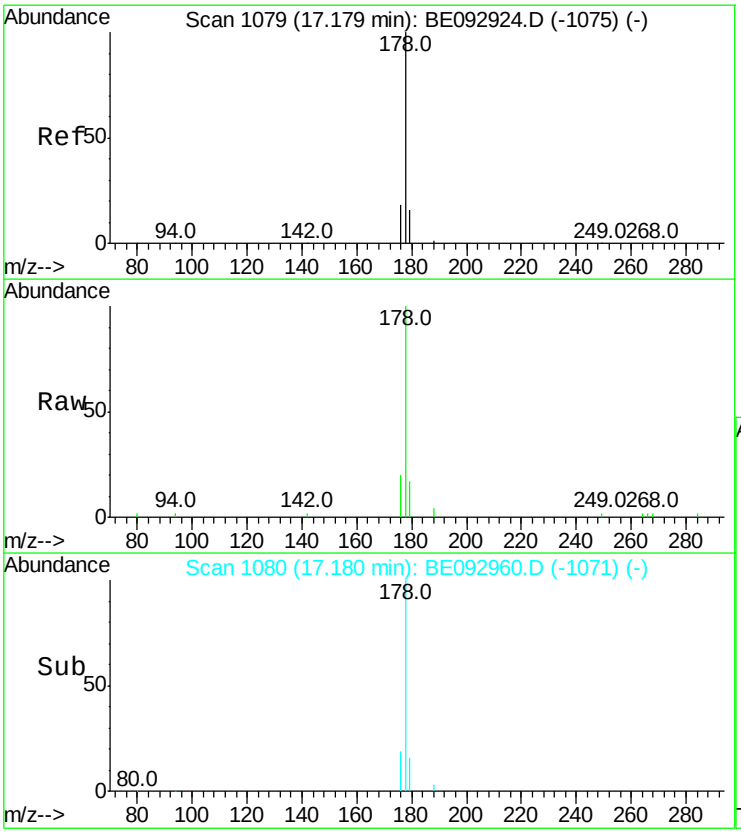
#21
Pentachlorophenol
Concen: 0.56 ng
RT: 16.81 min Scan# 1064
Delta R.T. 0.02 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 176

Ion	Ratio	Lower	Upper
266	100		
264	72.3	75.4	113.2#
268	84.8	75.4	113.2

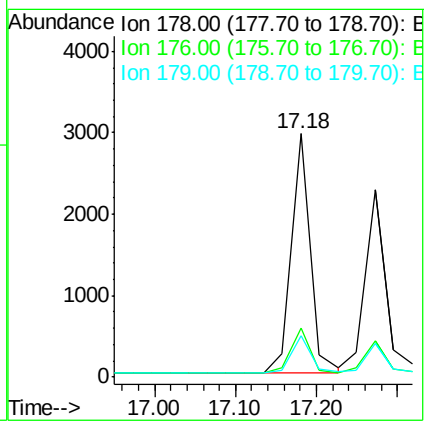


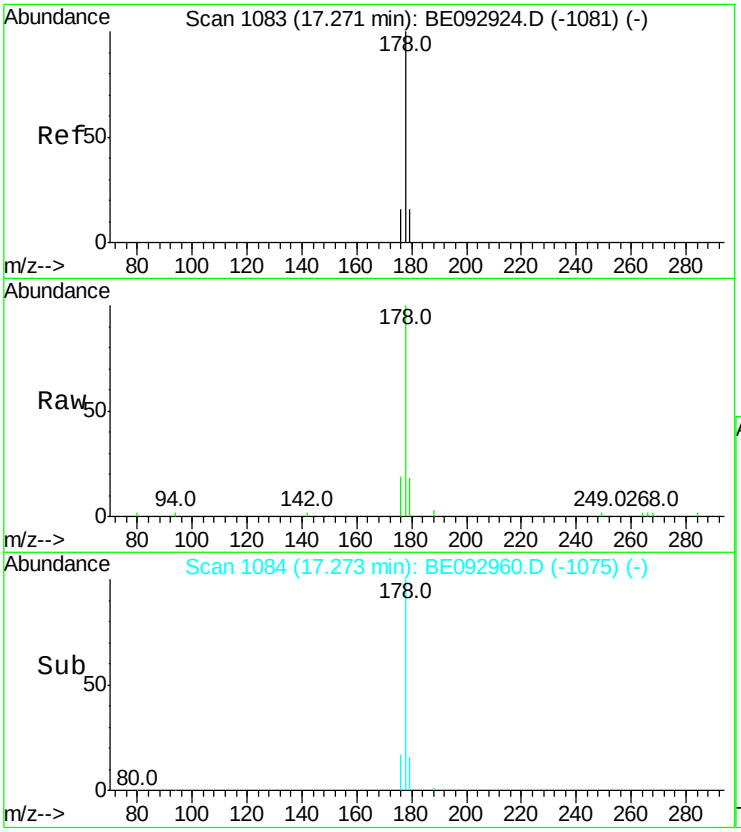


#22
Phenanthrene
Concen: 0.42 ng
RT: 17.18 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Tgt Ion:178 Resp: 4799

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.2	21.4
179	15.5	13.6	20.4



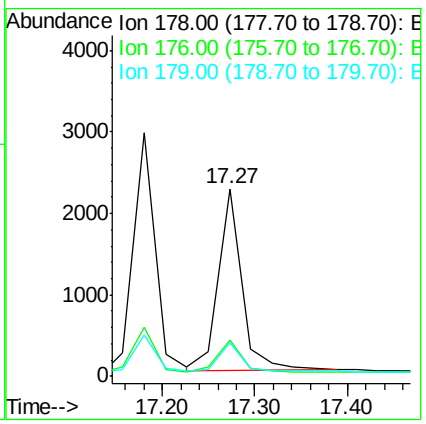


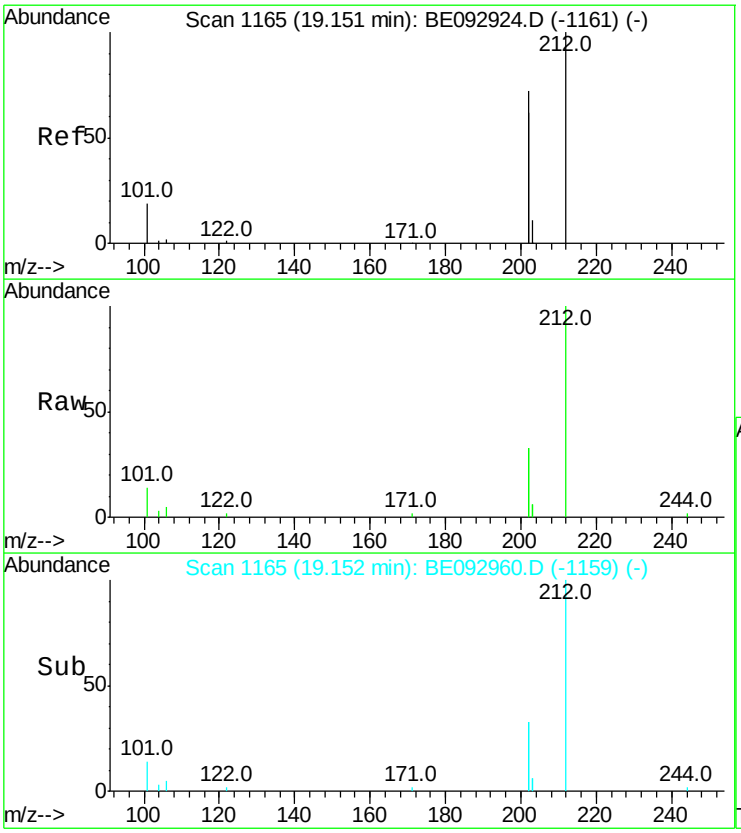
#23
Anthracene
Concen: 0.46 ng
RT: 17.27 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 3970

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.7	22.1
179	15.5	12.8	19.2

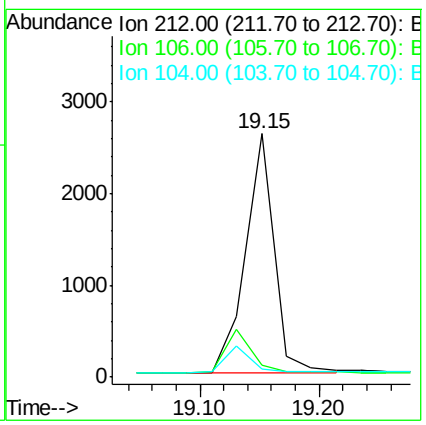


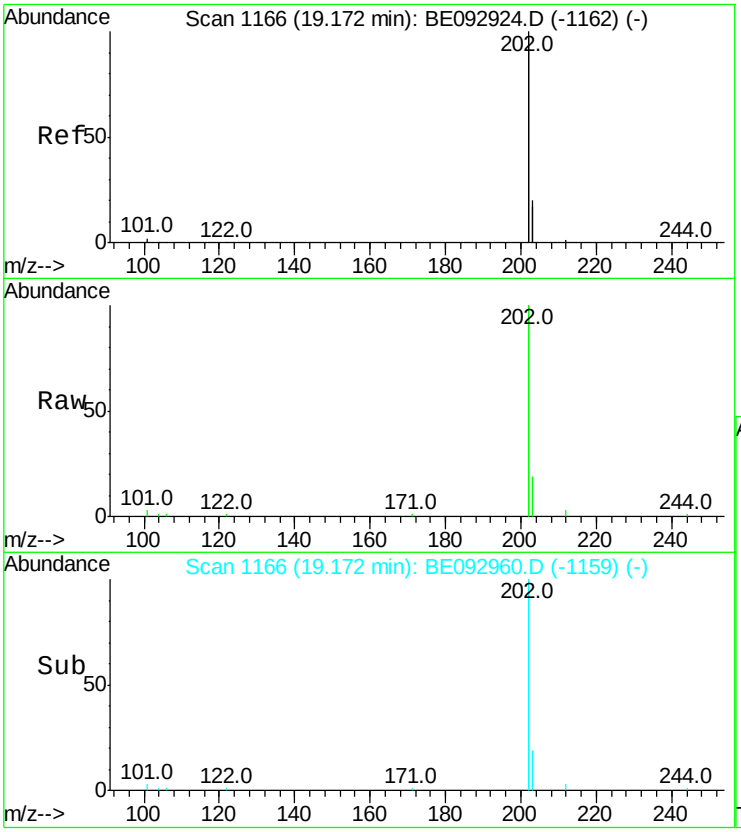


#24
Fluoranthene-d10
Concen: 0.47 ng
RT: 19.15 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Tgt Ion:212 Resp: 4363

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



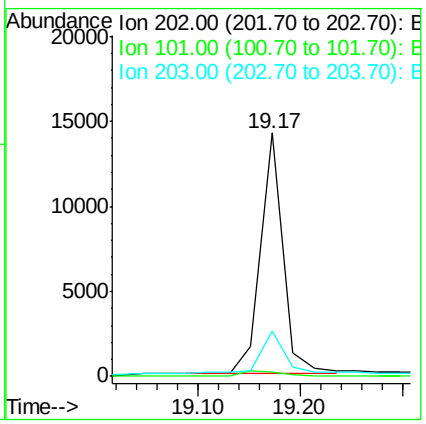


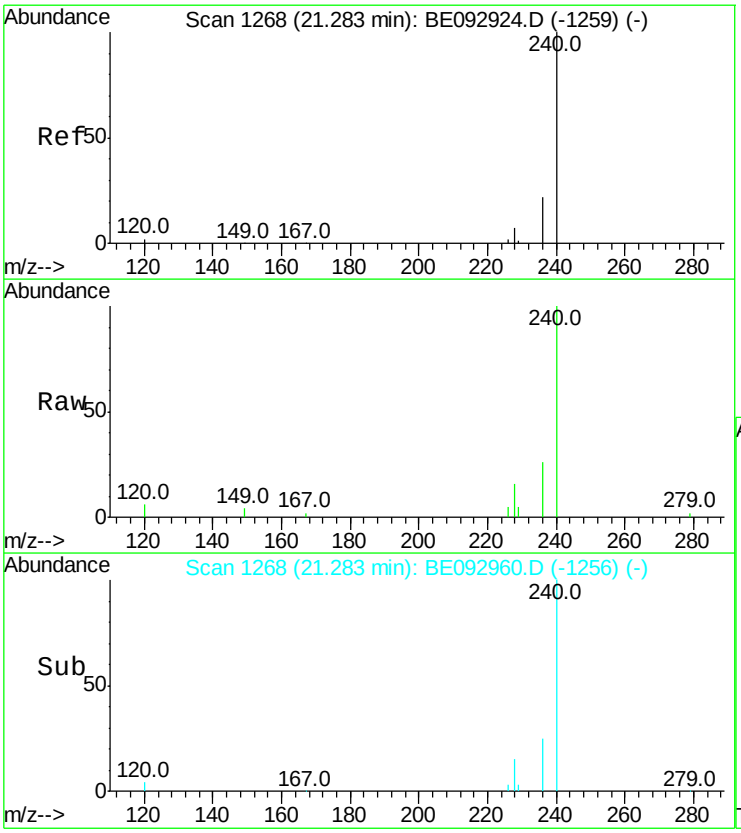
#25
Fluoranthene
Concen: 0.45 ng
RT: 19.17 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 21755

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	17.6	15.3	22.9

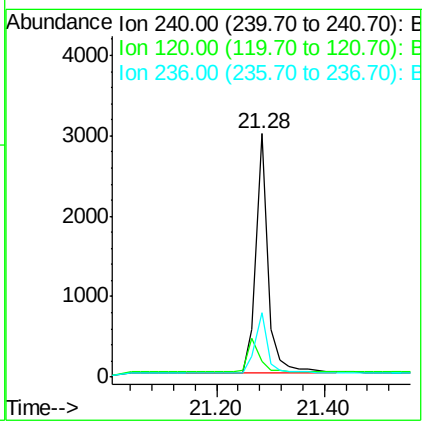


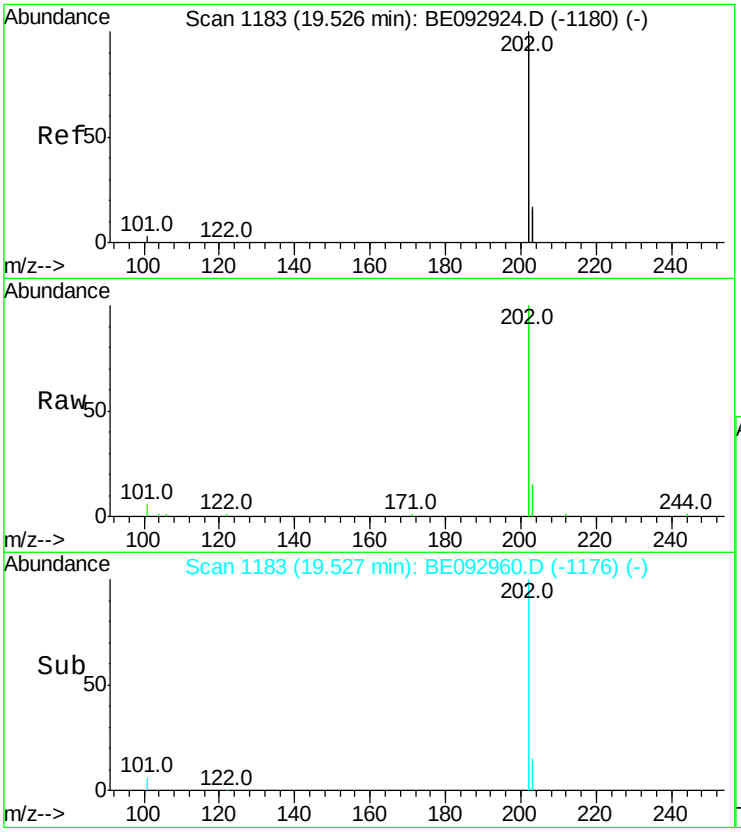


#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Tgt Ion:240 Resp: 4666

Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.6	6.8
236	26.5	19.8	29.8



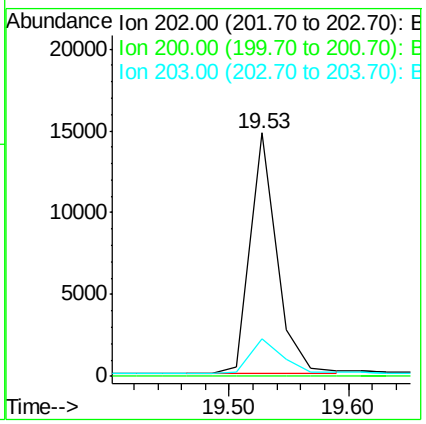


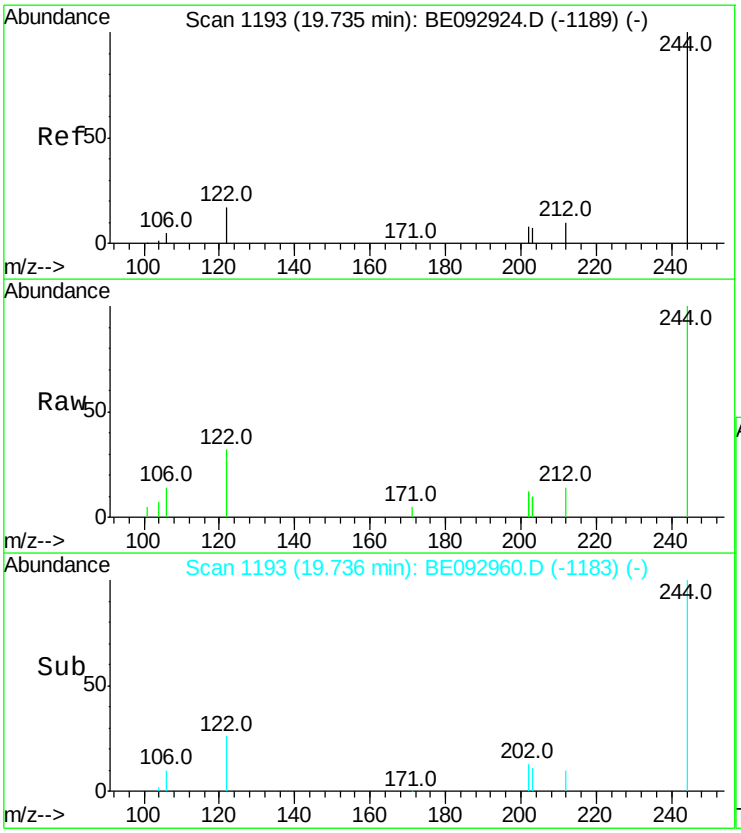
#27
Pyrene
Concen: 0.38 ng
RT: 19.53 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 22795

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	16.8	13.5	20.3

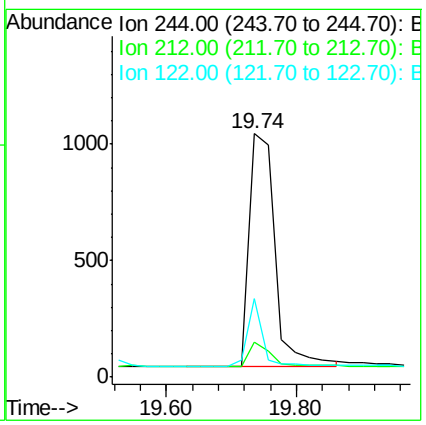


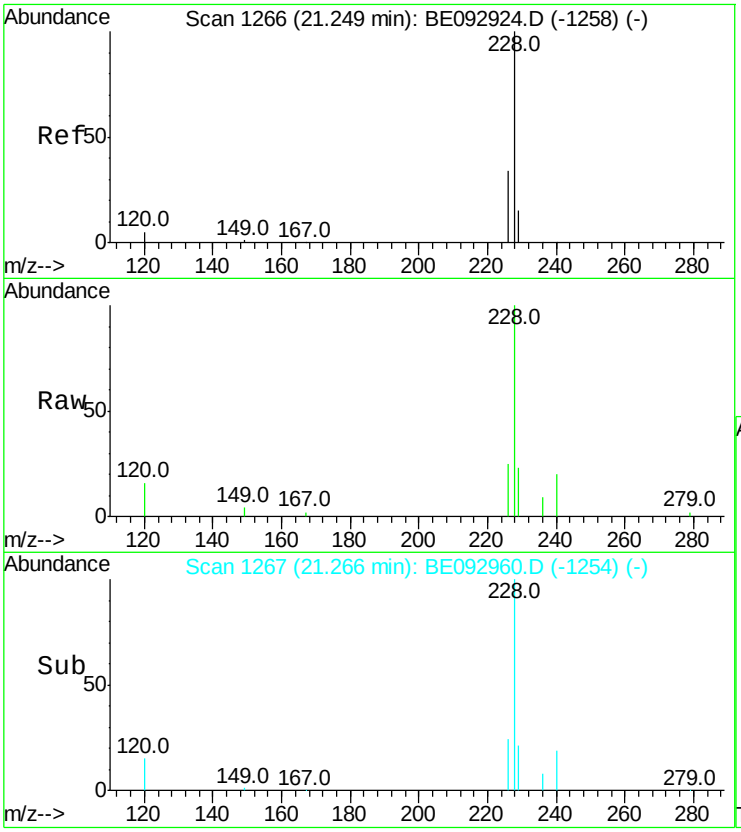


#28
Terphenyl-d14
Concen: 0.34 ng
RT: 19.74 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Tgt Ion:244 Resp: 2794

Ion	Ratio	Lower	Upper
244	100		
212	14.4	18.4	27.6#
122	32.2	23.3	34.9



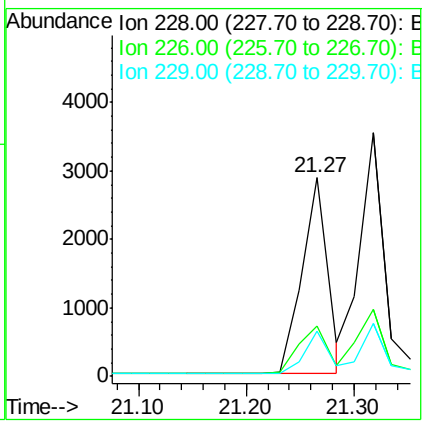


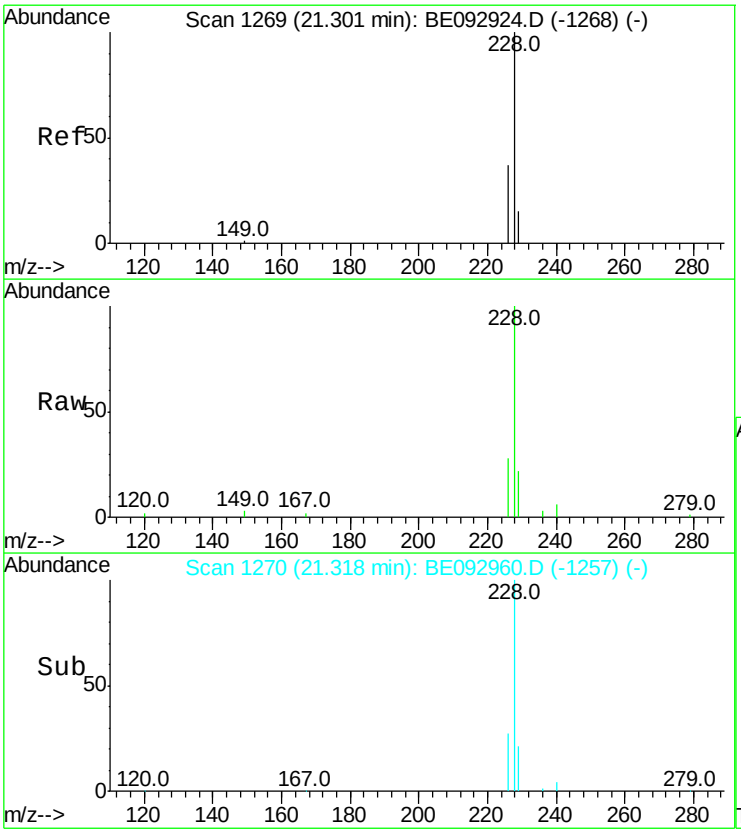
#29
Benzo(a)anthracene
Concen: 0.43 ng
RT: 21.27 min Scan# 1267
Delta R.T. 0.02 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 4703

Ion	Ratio	Lower	Upper
228	100		
226	25.4	32.0	48.0#
229	22.5	21.4	32.0

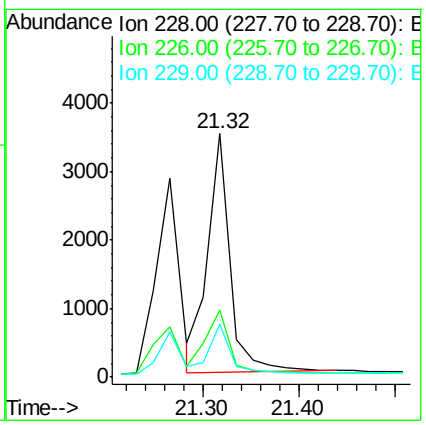


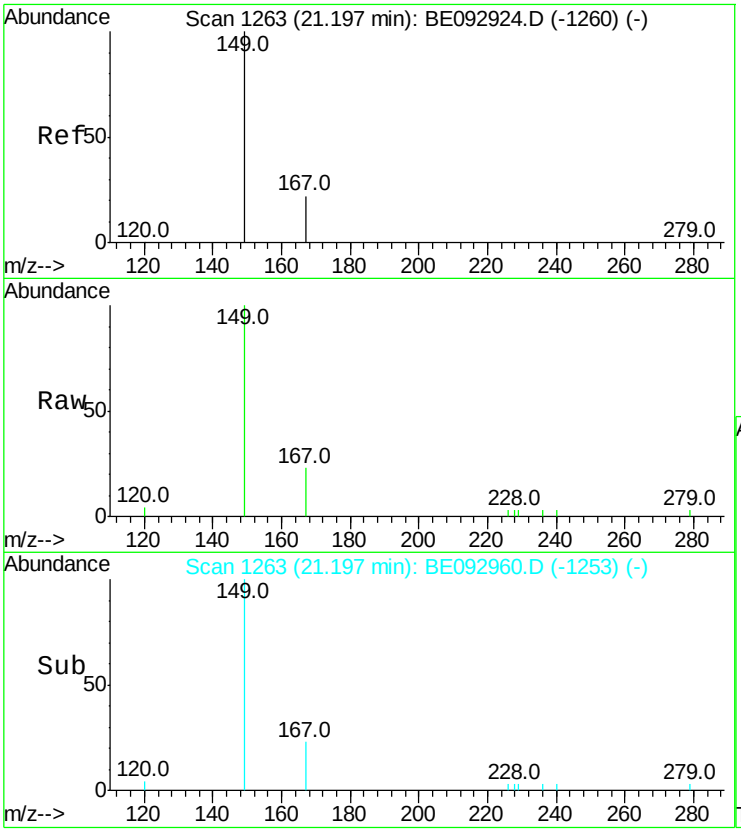


#30
Chrysene
Concen: 0.40 ng
RT: 21.32 min Scan# 1270
Delta R.T. 0.02 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Tgt Ion:228 Resp: 5584

Ion	Ratio	Lower	Upper
228	100		
226	27.8	34.2	51.2#
229	22.0	18.6	28.0



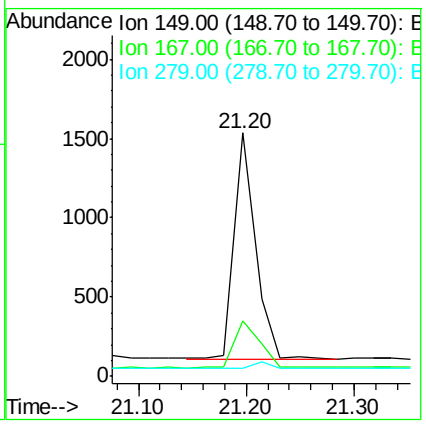


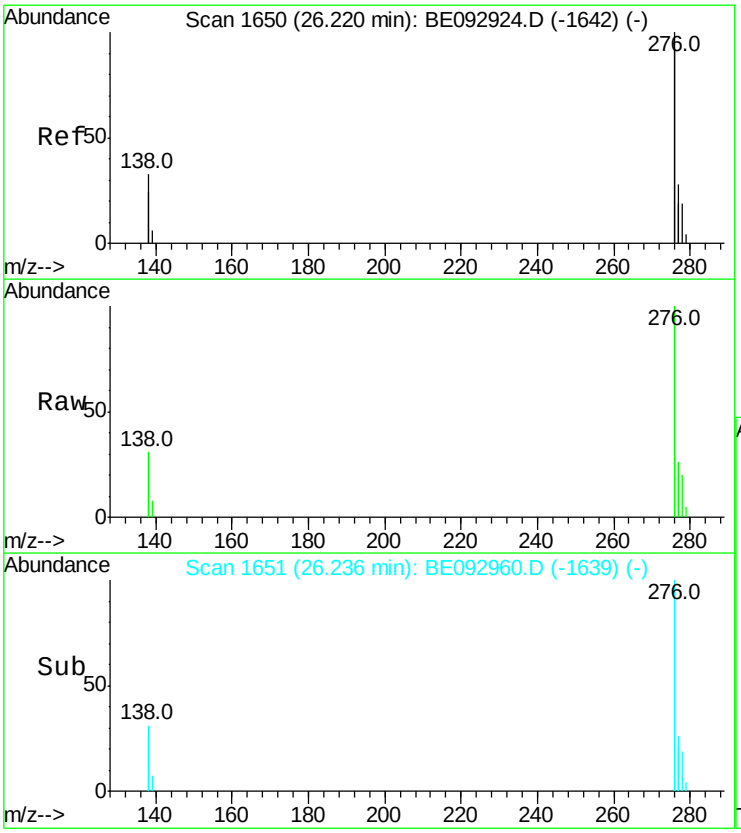
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.65 ng
RT: 21.20 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 1946

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.9	31.3
279	2.6	0.0	0.0#

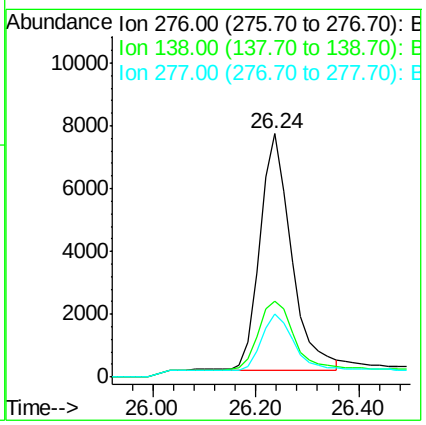


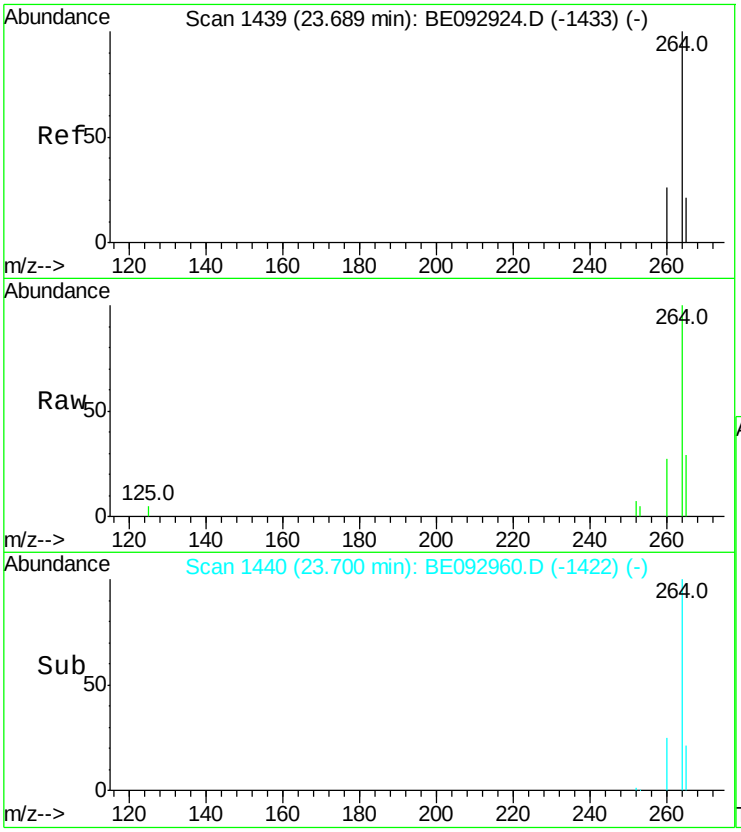


#32
Indeno(1,2,3-cd)pyrene
Concen: 0.63 ng
RT: 26.24 min Scan# 1651
Delta R.T. 0.02 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Tgt Ion:276 Resp: 31554

Ion	Ratio	Lower	Upper
276	100		
138	32.8	25.8	38.6
277	24.8	20.2	30.4



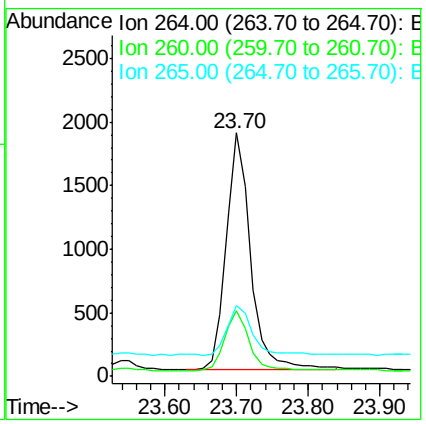


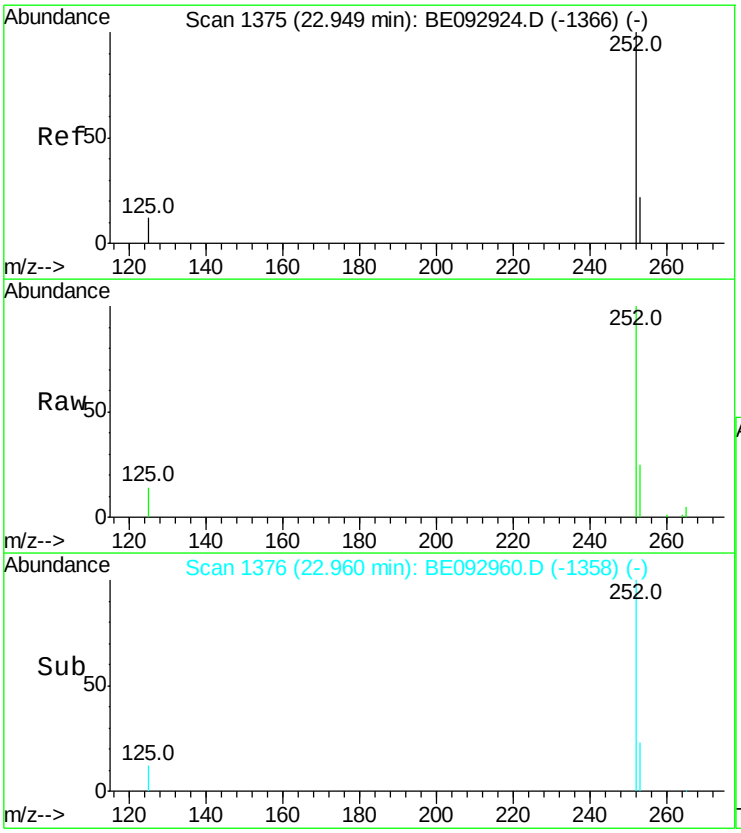
#33
Perylene-d12
Concen: 0.40 ng
RT: 23.70 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 4371

Ion	Ratio	Lower	Upper
264	100		
260	27.1	23.5	35.3
265	29.0	27.2	40.8

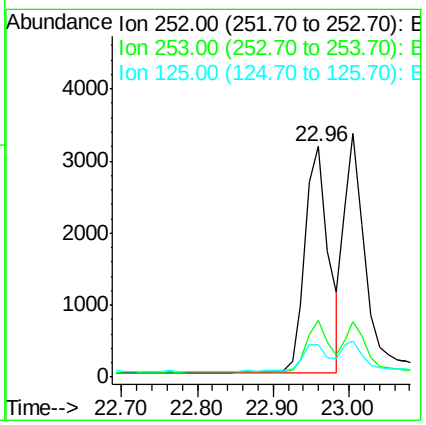


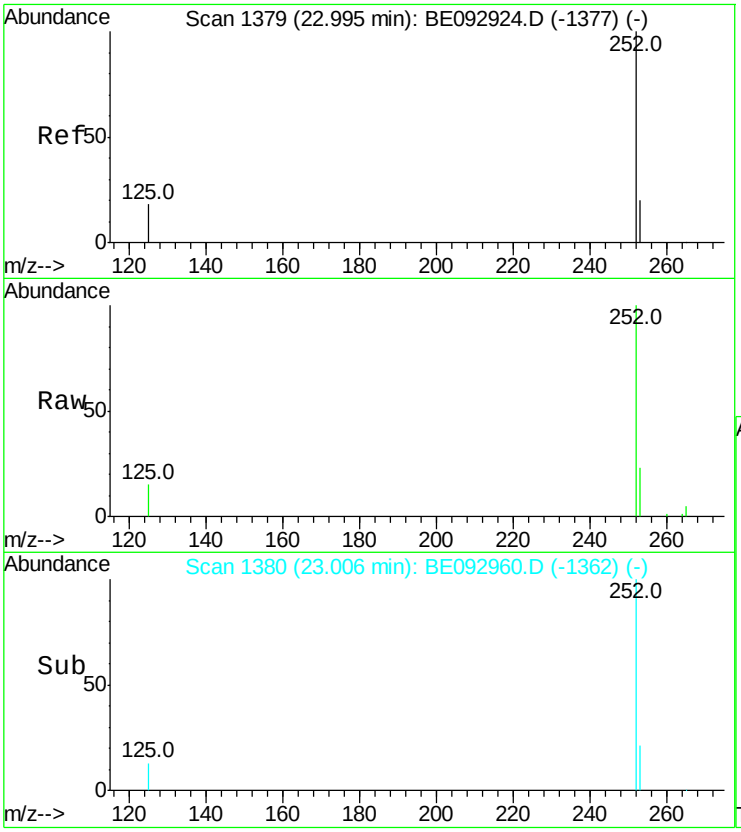


#34
Benzo(b)fluoranthene
Concen: 0.47 ng
RT: 22.96 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Tgt Ion:252 Resp: 6750

Ion	Ratio	Lower	Upper
252	100		
253	24.6	24.7	37.1#
125	14.3	20.3	30.5#



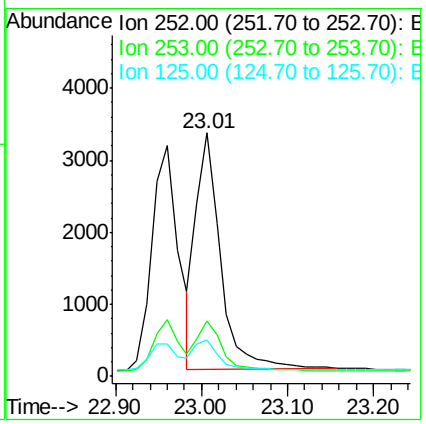


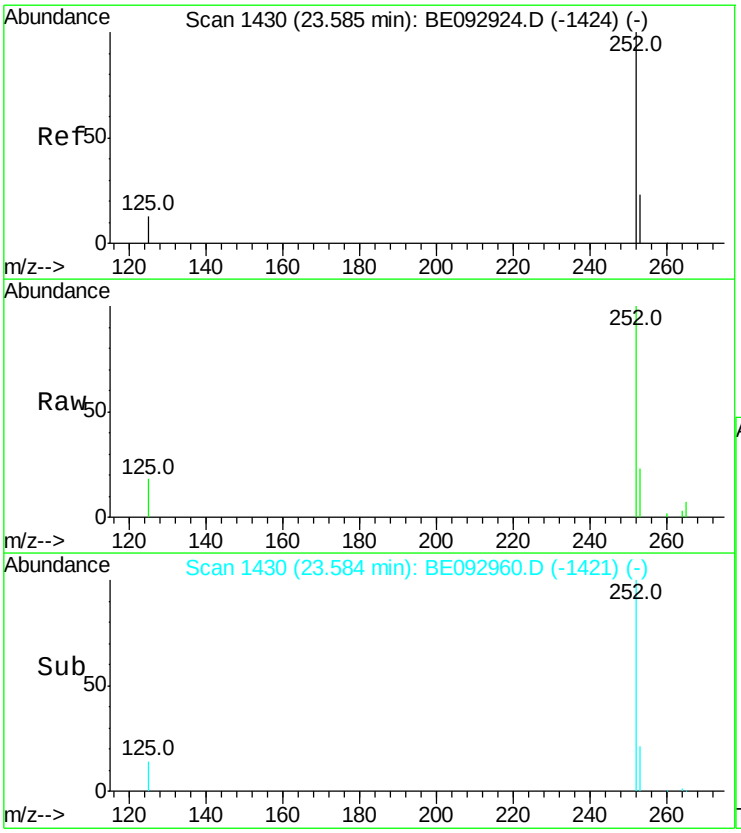
#35
Benzo(k)fluoranthene
Concen: 0.46 ng
RT: 23.01 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6510

Ion	Ratio	Lower	Upper
252	100		
253	22.9	25.8	38.8#
125	14.9	22.9	34.3#

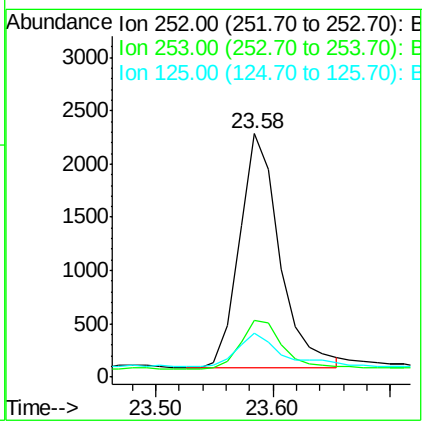


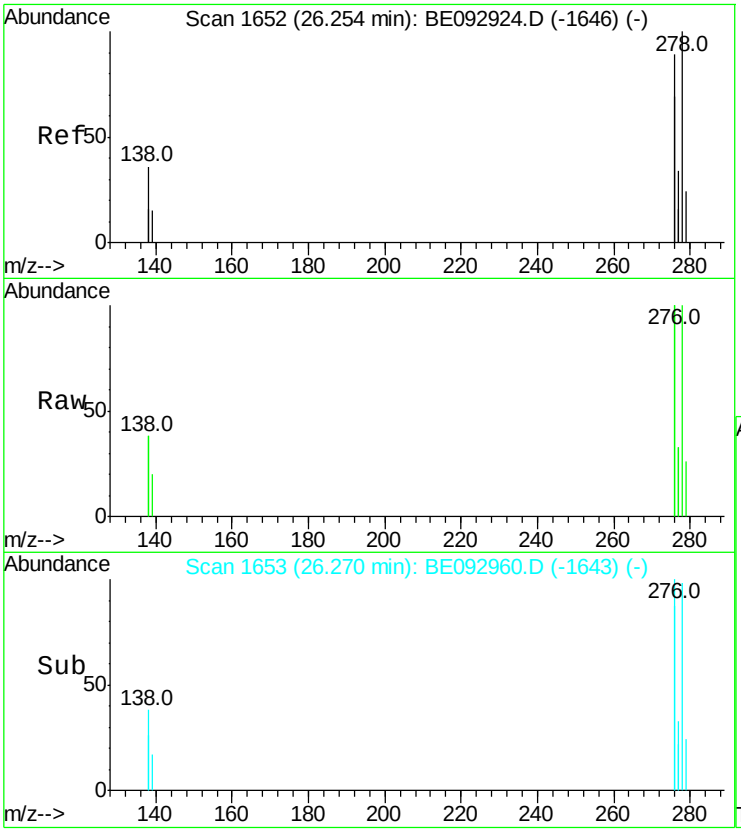


#36
Benzo(a)pyrene
Concen: 0.45 ng
RT: 23.58 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Tgt Ion:252 Resp: 5286

Ion	Ratio	Lower	Upper
252	100		
253	23.5	31.3	46.9#
125	18.0	26.4	39.6#



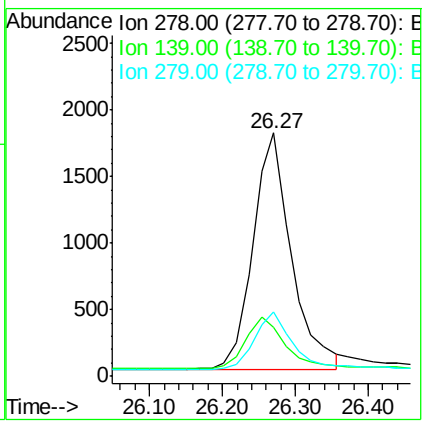


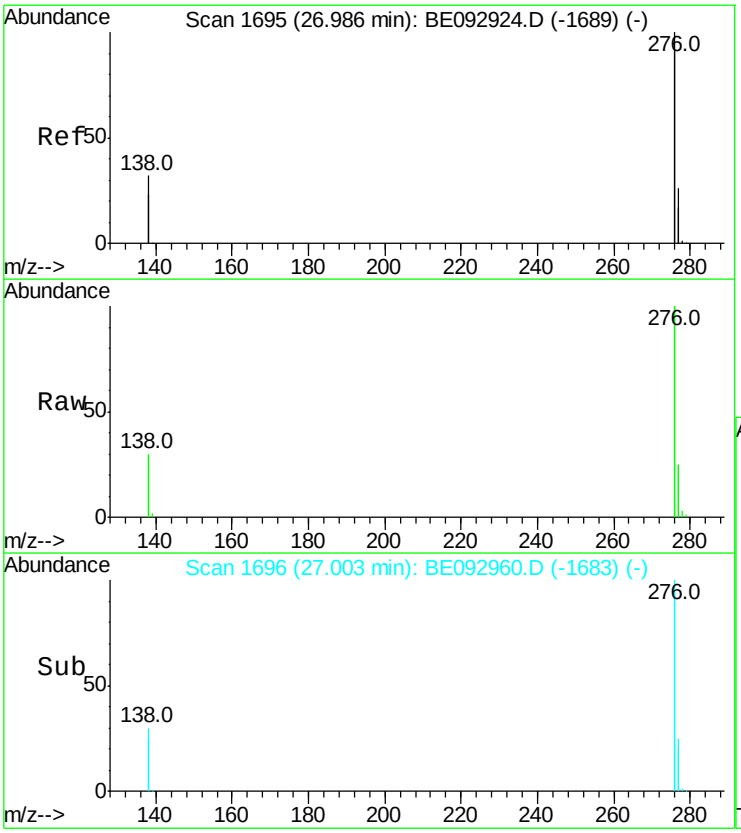
#37
Dibenzo(a,h)anthracene
Concen: 0.49 ng
RT: 26.27 min Scan# 1653
Delta R.T. 0.02 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 6506

Ion	Ratio	Lower	Upper
278	100		
139	20.4	27.4	41.2#
279	26.4	33.3	49.9#





#38
Benzo(g,h,i)perylene
Concen: 0.56 ng
RT: 27.00 min Scan# 1696
Delta R.T. 0.02 min
Lab File: BE092960.D
Acq: 9 May 2017 11:59

Tgt Ion:276 Resp: 31166

Ion	Ratio	Lower	Upper
276	100		
277	24.8	29.9	44.9#
138	30.1	34.6	51.8#