Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050517\
Data File : BE092939.D
Acq On : 5 May 2017 21:04
Operator : SJ/MA
Sample : I2893-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 06 01:49:18 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	785	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	3247	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	1384	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	3876	0.40	ng		0.00
26) Chrysene-d12	21.28	240	4141	0.40	ng		0.00
33) Perylene-d12	23.69	264	1237	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	368	0.21	ng		0.00
5) Phenol-d6	6.94	99	300	0.12	ng		0.00
8) Nitrobenzene-d5	8.90	82	860	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.13	152	1895	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.87	330	110	0.51	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	3581	0.56	ng		0.00
24) Fluoranthene-d10	19.15	212	4261	0.47	ng		0.00
28) Terphenyl-d14	19.73	244	6121	0.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	141	0.09	ng	#	70
3) n-Nitrosodimethylamine	3.60	42	37	0.03	ng	#	13
6) bis(2-Chloroethyl)ether	7.11	93	354	0.12	ng	#	20
9) Naphthalene	10.58	128	186	0.02	ng	#	52
12) 2-Methylnaphthalene	12.19	142	142	0.03	ng	#	94
16) Acenaphthylene	14.10	152	513	0.02	ng	#	87
18) Fluorene	15.43	166	110	0.02	ng	#	94
20) Hexachlorobenzene	16.46	284	72	0.04	ng	#	100
21) Pentachlorophenol	16.79	266	22	0.20	ng		98
22) Phenanthrene	17.27	178	328	0.03	ng		96
23) Anthracene	17.27	178	351	0.04	ng	#	90
31) Bis(2-ethylhexyl)phthalate	21.20	149	1521	0.57	ng	#	99
34) Benzo(b)fluoranthene	22.95	252	205	0.05	ng	#	50
35) Benzo(k)fluoranthene	22.99	252	160	0.04	ng	#	20
36) Benzo(a)pyrene	23.57	252	81	0.02	ng	#	17
37) Dibenzo(a,h)anthracene	26.24	278	110	0.03	ng	#	35
38) Benzo(g,h,i)perylene	26.99	276	466	0.03	ng	#	45

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050517\
Data File : BE092939.D
Acq On : 5 May 2017 21:04
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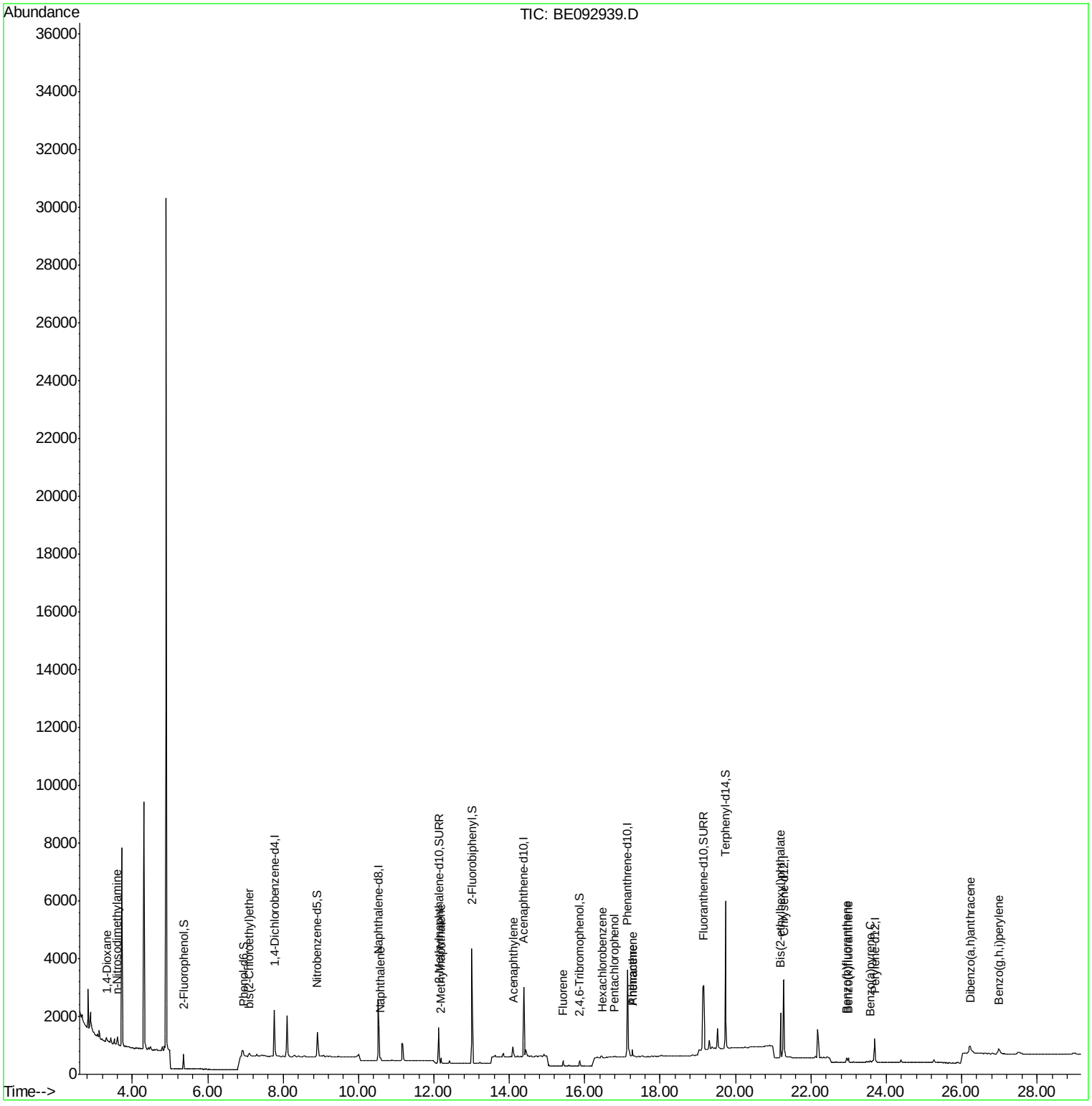
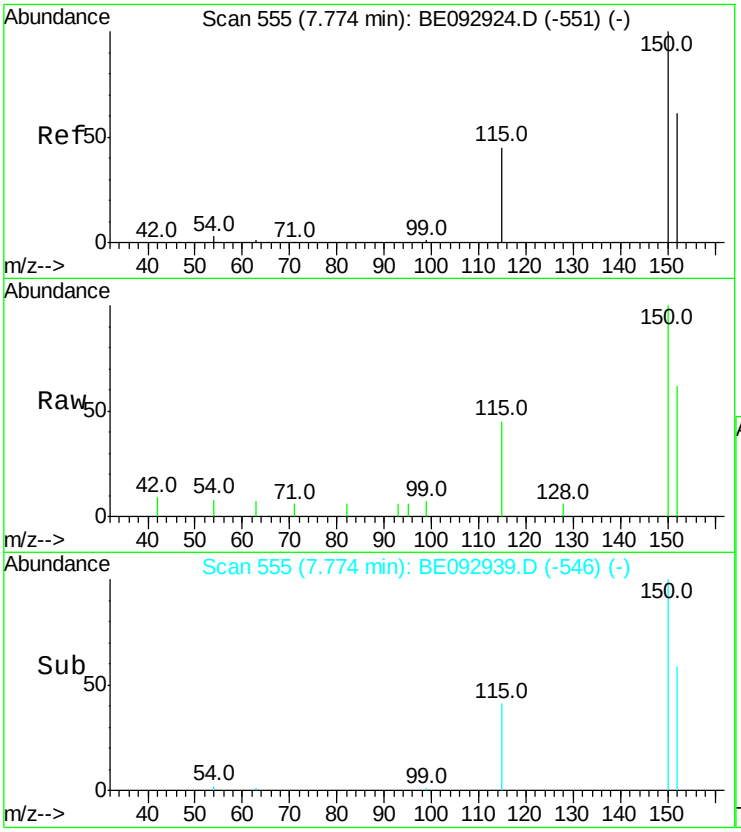
Sample : I2893-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 06 01:49:18 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



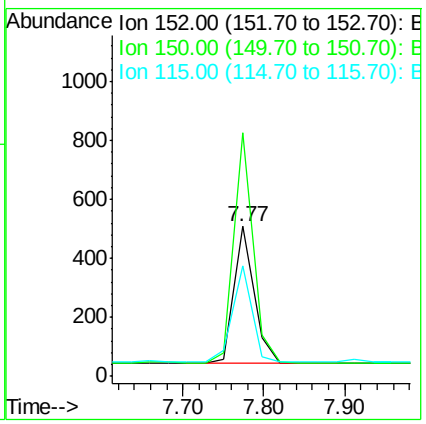


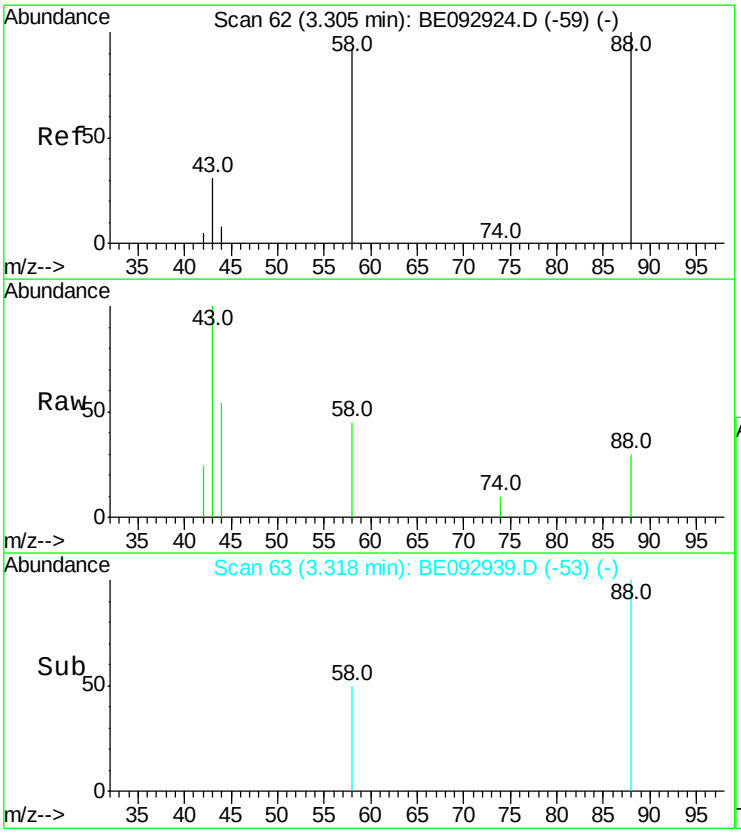
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 785

Ion	Ratio	Lower	Upper
152	100		
150	162.3	129.9	194.9
115	73.5	62.6	93.8

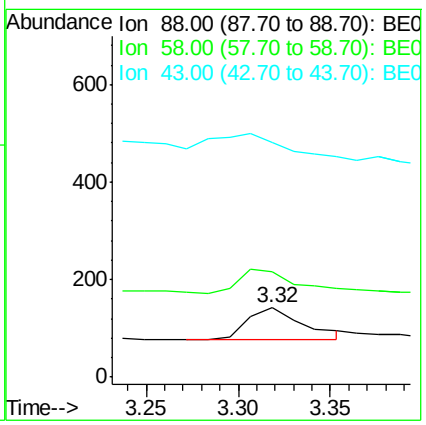


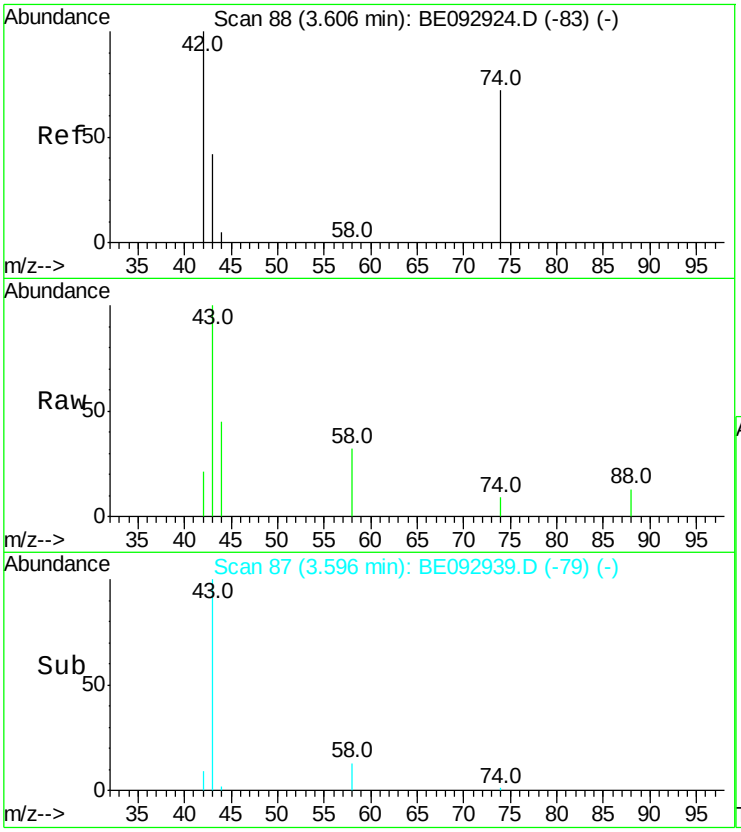


#2
1,4-Dioxane
Concen: 0.09 ng
RT: 3.32 min Scan# 63
Delta R.T. 0.01 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Tgt Ion: 88 Resp: 141

Ion	Ratio	Lower	Upper
88	100		
58	74.5	64.9	97.3
43	80.9	26.6	40.0#



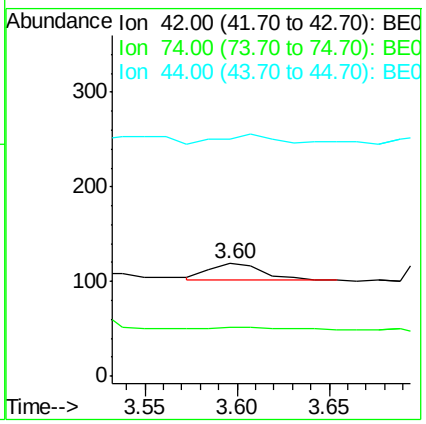


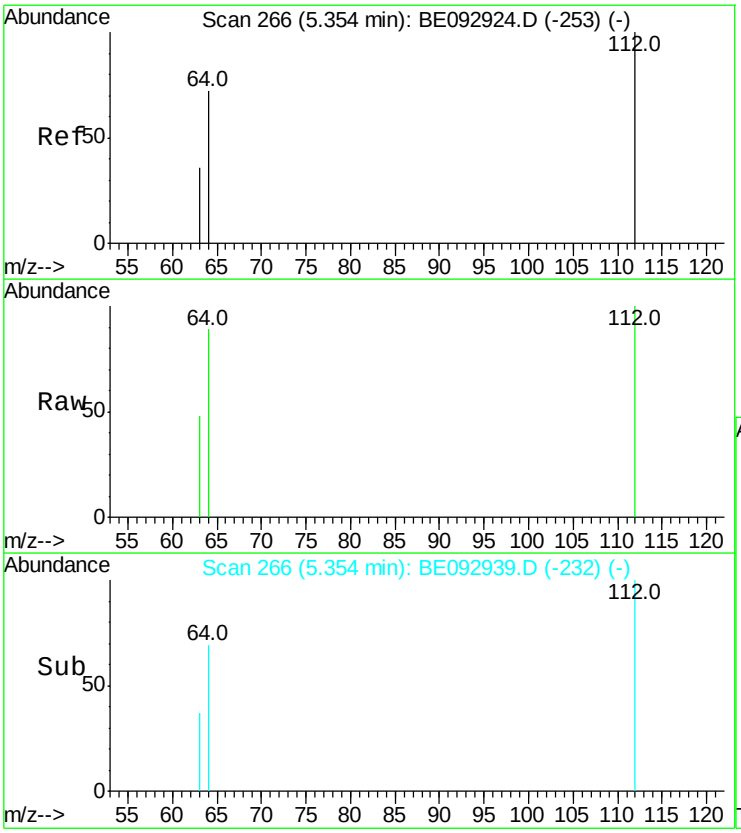
#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 37

Ion	Ratio	Lower	Upper
42	100		
74	16.2	106.6	160.0#
44	54.1	25.7	38.5#

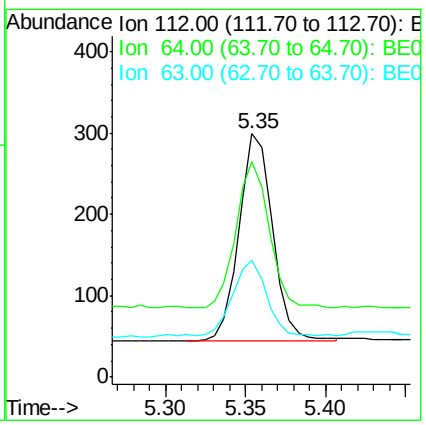


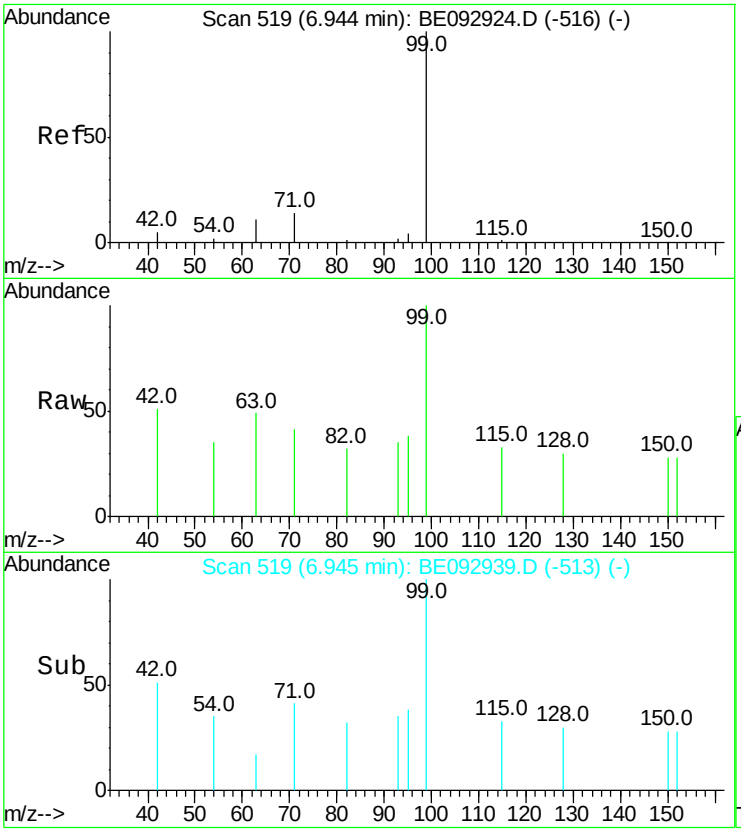


#4
2-Fluorophenol
Concen: 0.21 ng
RT: 5.35 min Scan# 266
Delta R.T. 0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Tgt Ion:112 Resp: 368

Ion	Ratio	Lower	Upper
112	100		
64	70.7	52.6	79.0
63	36.4	29.0	43.4



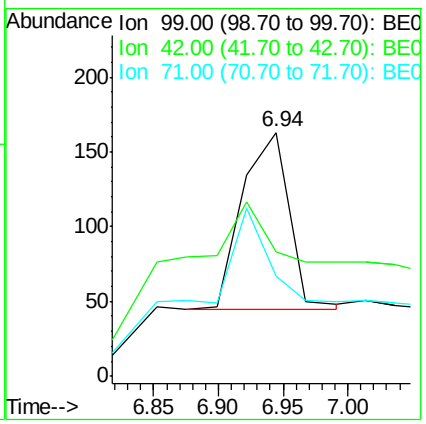


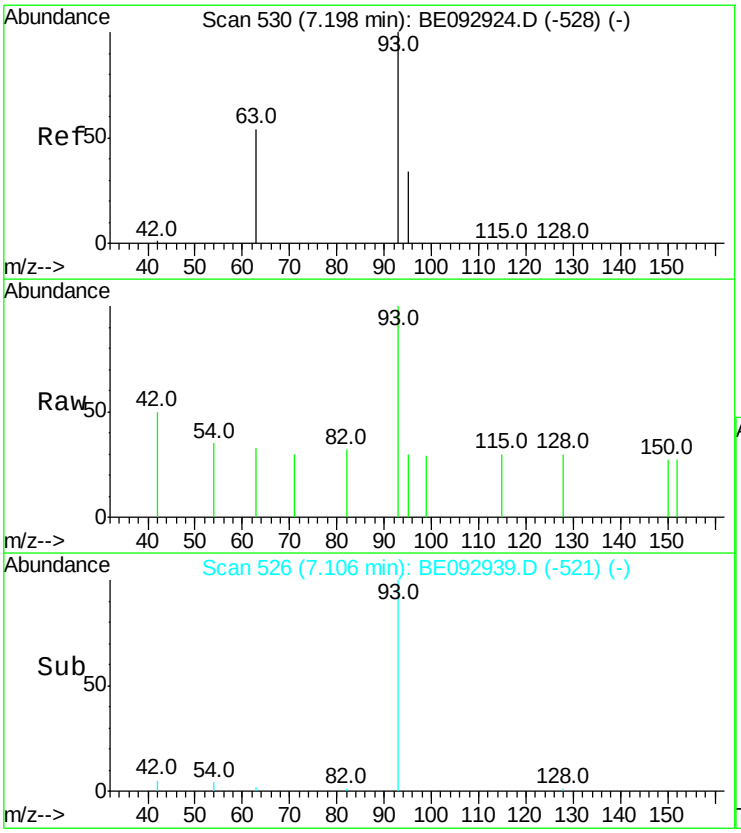
#5
Phenol-d6
Concen: 0.12 ng
RT: 6.94 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 300

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

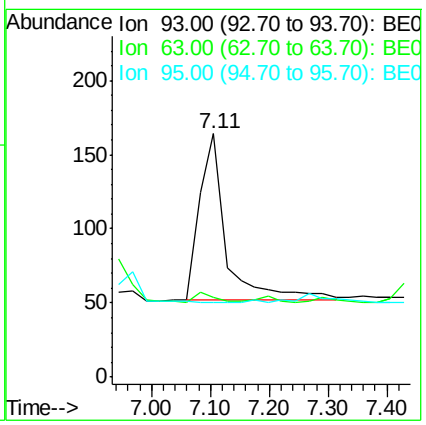


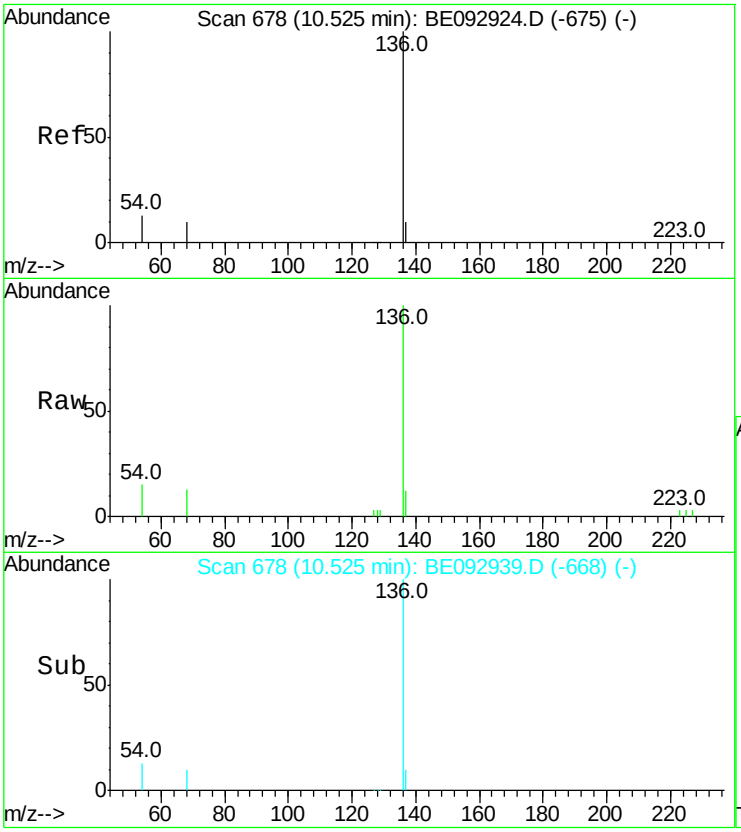


#6
bis(2-Chloroethyl)ether
Concen: 0.12 ng
RT: 7.11 min Scan# 526
Delta R.T. -0.09 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Tgt Ion: 93 Resp: 354

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



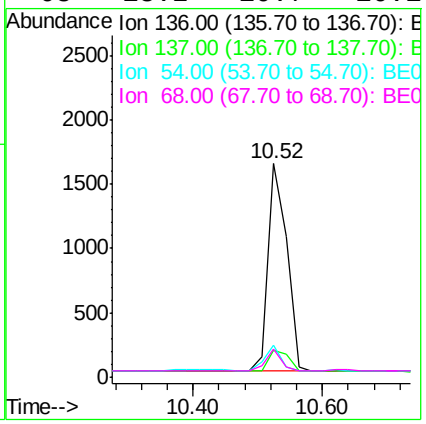


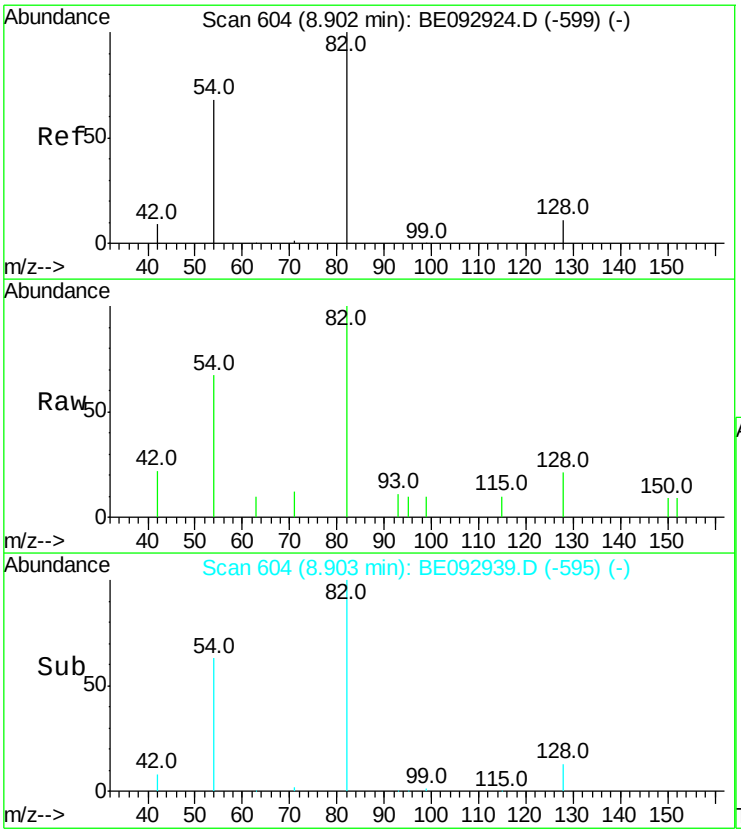
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.52 min Scan# 678
Delta R.T. 0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3247

Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.4	15.6
54	15.2	12.6	18.8
68	13.2	10.7	16.1

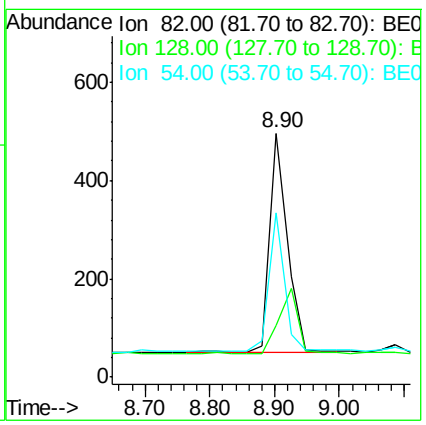


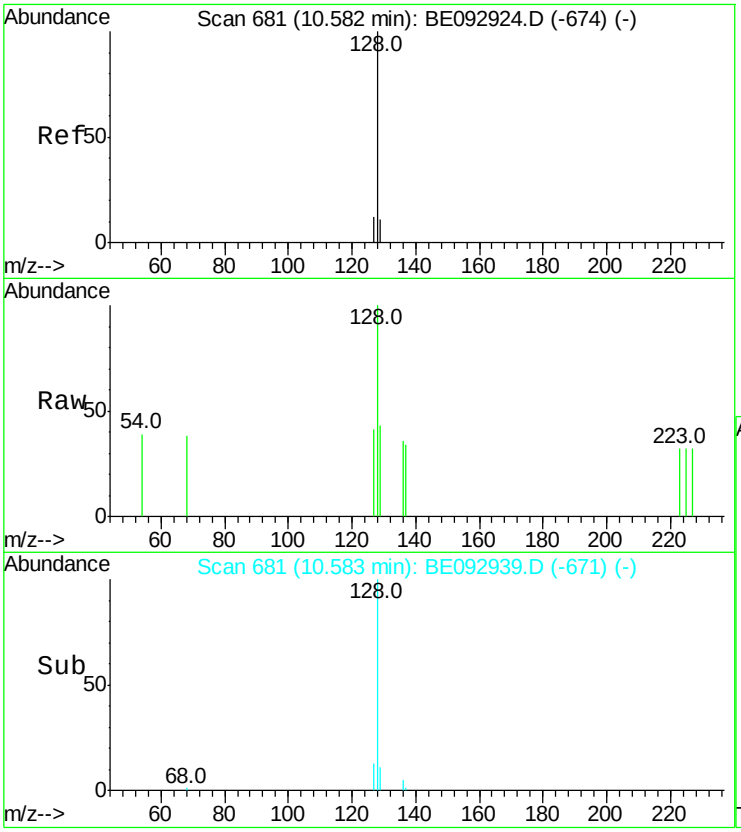


#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.90 min Scan# 604
Delta R.T. 0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Tgt Ion: 82 Resp: 860

Ion	Ratio	Lower	Upper
82	100		
128	21.0	35.3	52.9#
54	67.3	65.1	97.7



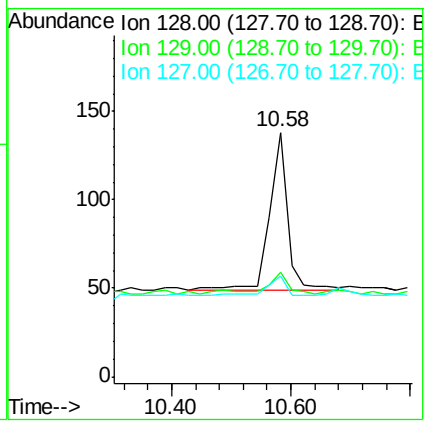


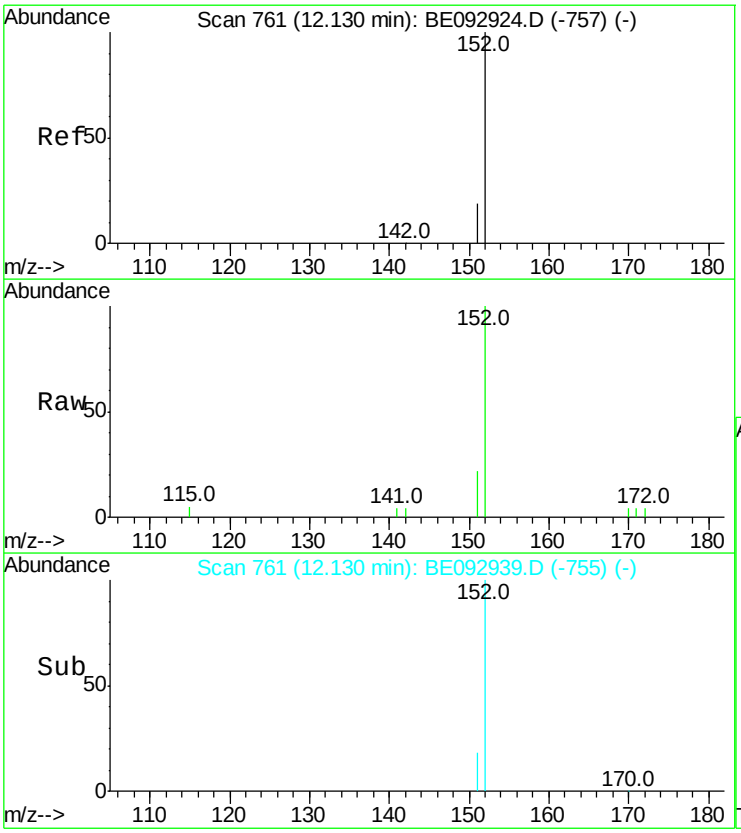
#9
Naphthalene
Concen: 0.02 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 186

Ion	Ratio	Lower	Upper
128	100		
129	42.8	15.8	23.8#
127	41.3	16.0	24.0#

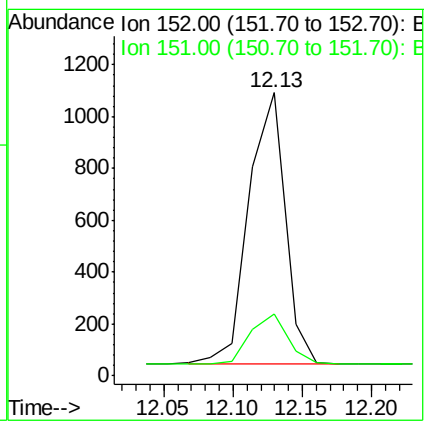


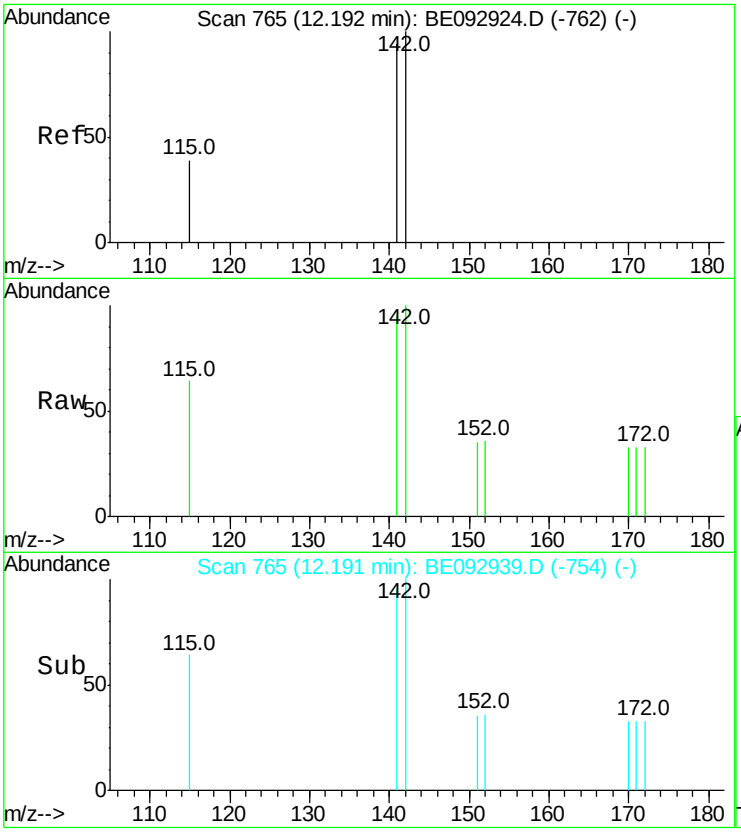


#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.13 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Tgt Ion:152 Resp: 1895

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.7	23.5



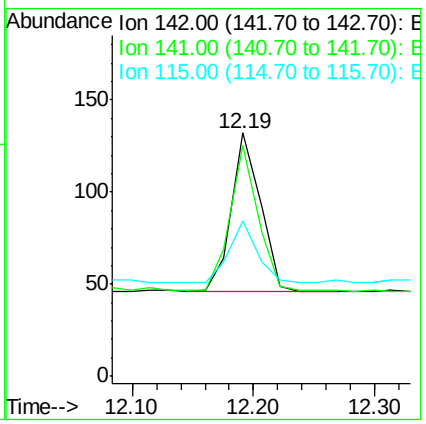


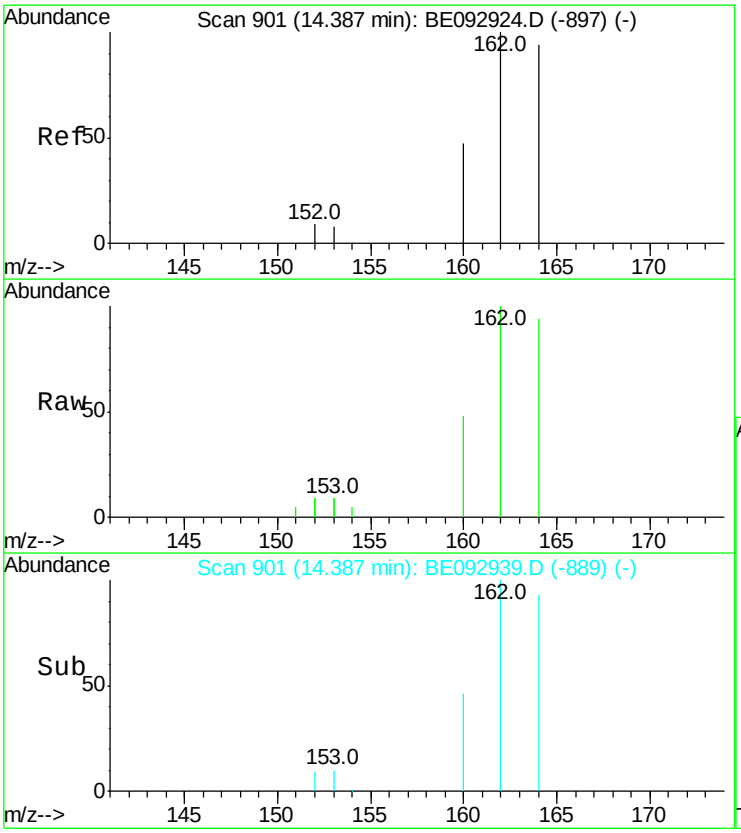
#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 142

Ion	Ratio	Lower	Upper
142	100		
141	94.7	76.0	114.0
115	63.6	41.6	62.4#

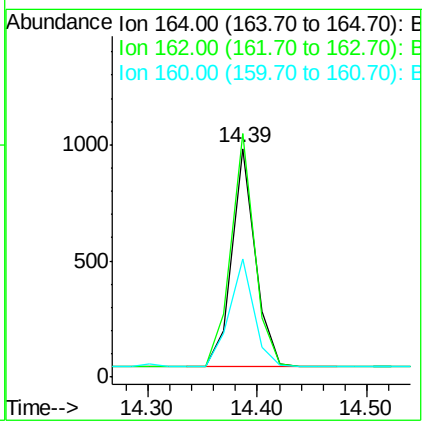


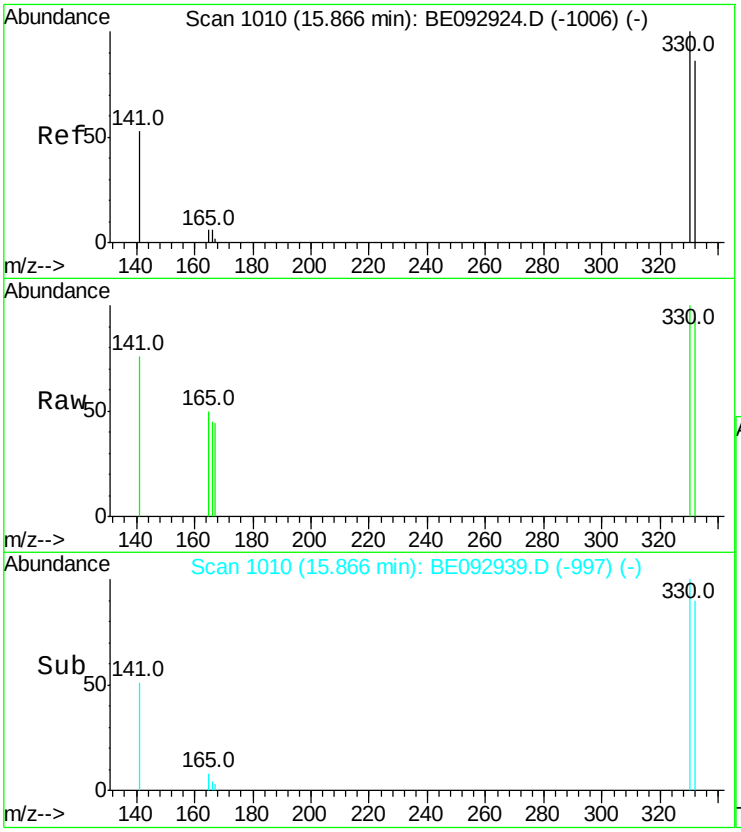


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Tgt Ion:164 Resp: 1384

Ion	Ratio	Lower	Upper
164	100		
162	106.5	86.6	130.0
160	51.6	44.5	66.7



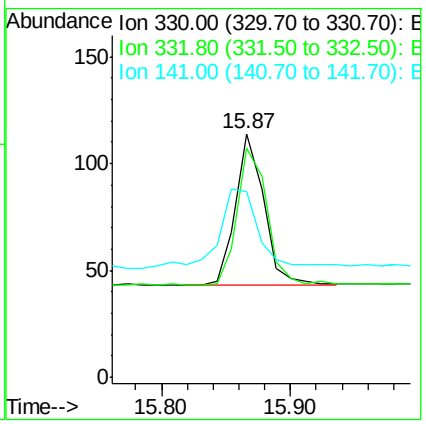


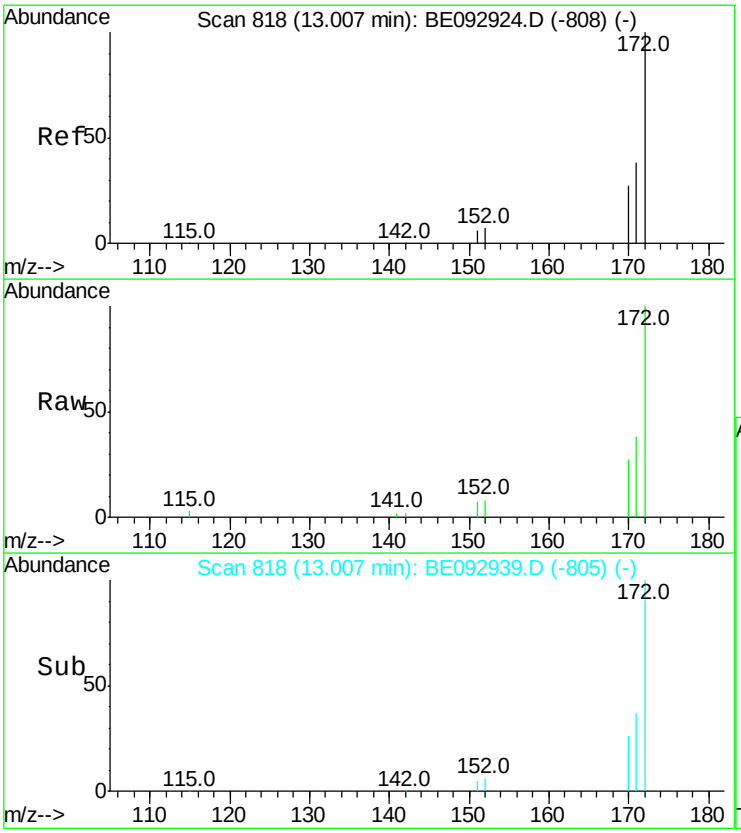
#14
2,4,6-Tribromophenol
Concen: 0.51 ng
RT: 15.87 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 110

Ion	Ratio	Lower	Upper
330	100		
332	96.4	69.1	103.7
141	75.5	54.6	81.8

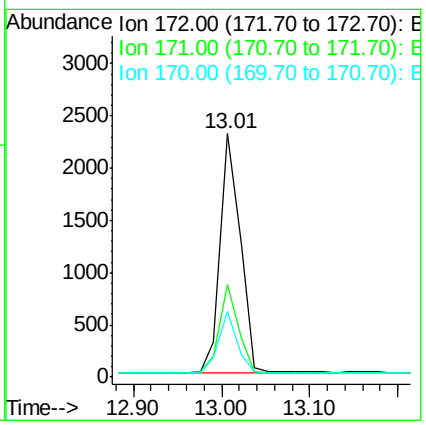


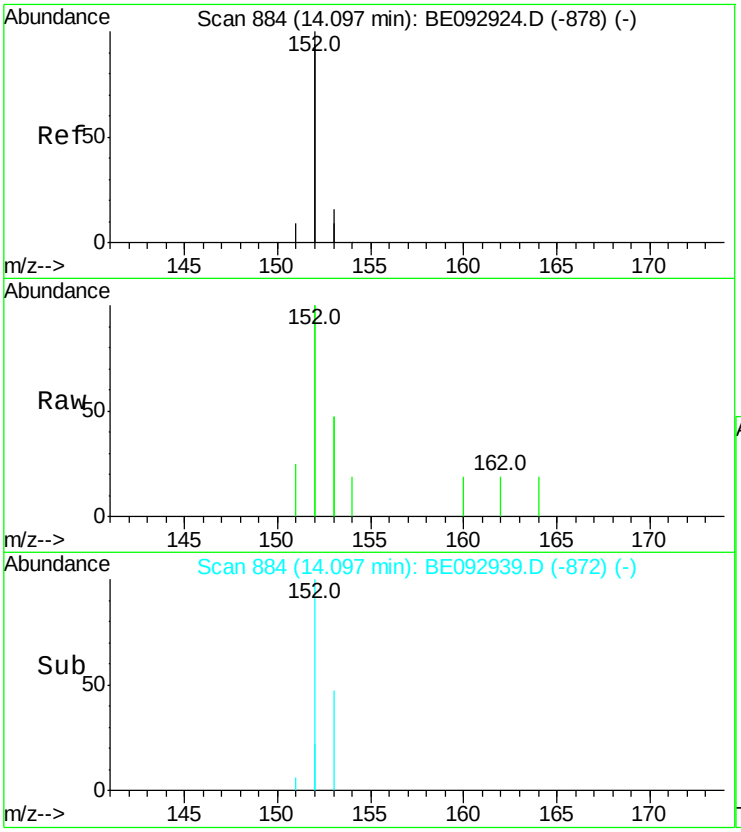


#15
2-Fluorobiphenyl
Concen: 0.56 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Tgt Ion:172 Resp: 3581

Ion	Ratio	Lower	Upper
172	100		
171	37.9	35.8	53.6
170	27.2	28.5	42.7#



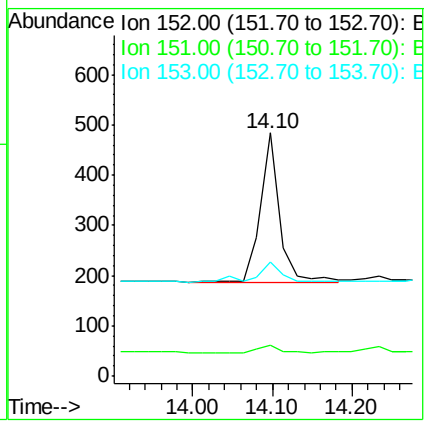


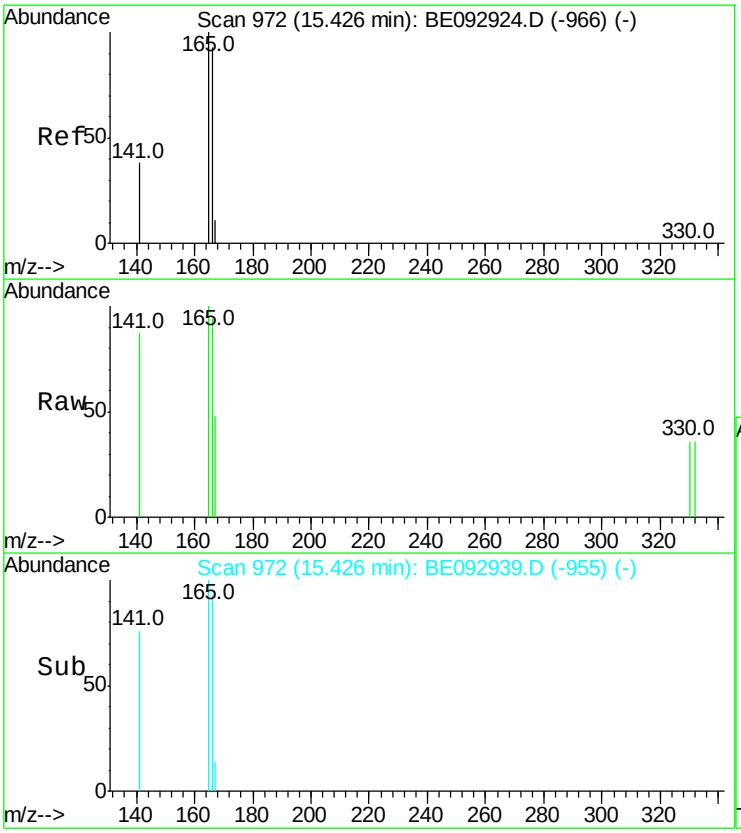
#16
Acenaphthylene
Concen: 0.02 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 513

Ion	Ratio	Lower	Upper
152	100		
151	4.7	3.8	5.8
153	19.5	10.0	15.0#

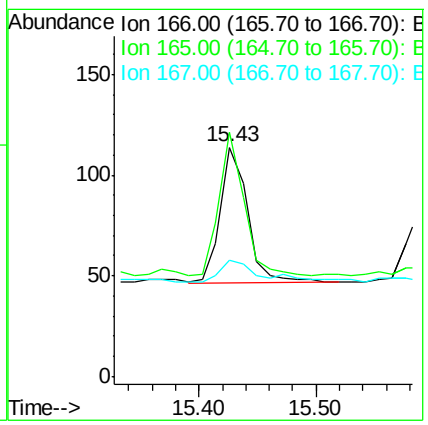


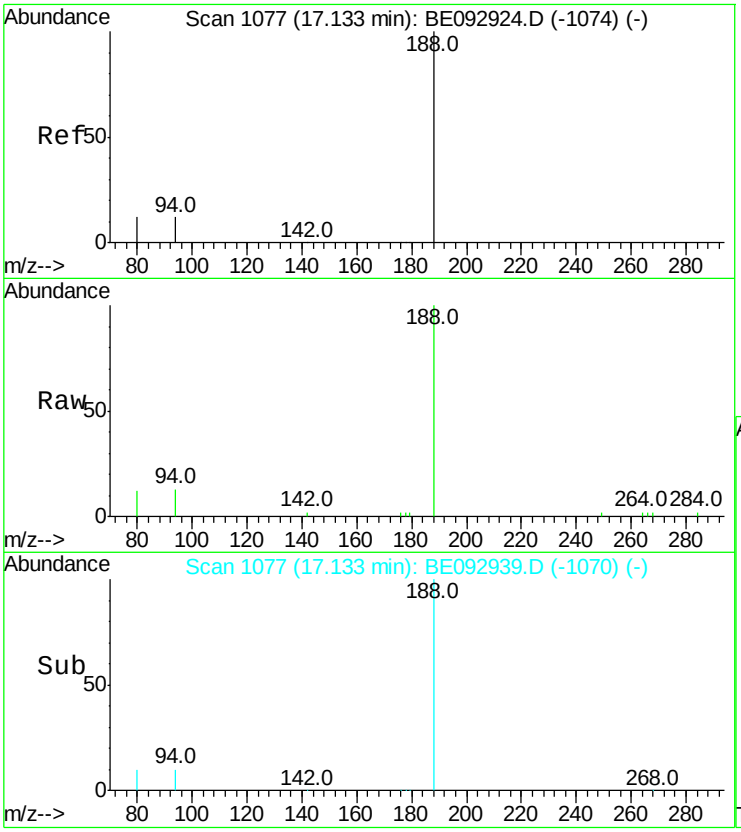


#18
Fluorene
Concen: 0.02 ng
RT: 15.43 min Scan# 972
Delta R.T. 0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Tgt Ion:166 Resp: 110

Ion	Ratio	Lower	Upper
166	100		
165	95.5	80.7	121.1
167	17.3	11.3	16.9#



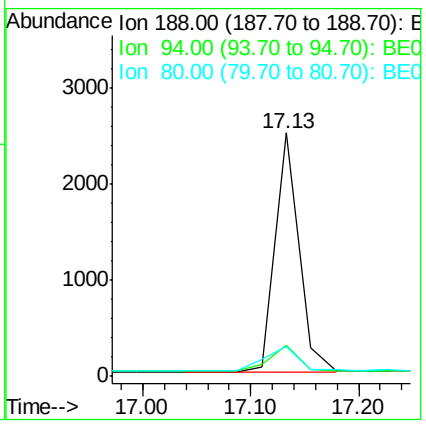


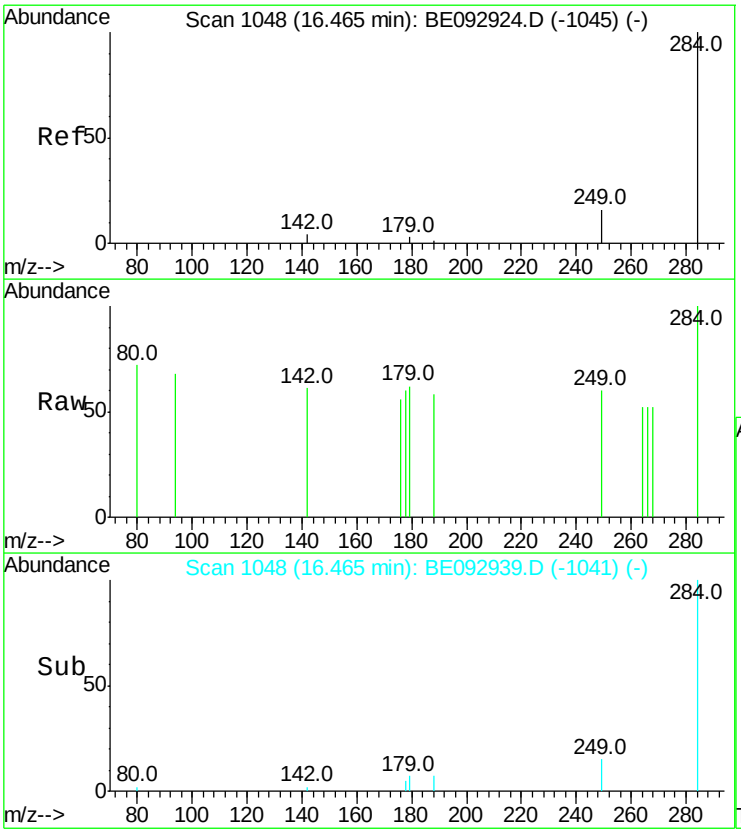
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 3876

Ion	Ratio	Lower	Upper
188	100		
94	12.7	10.2	15.4
80	12.3	10.6	15.8

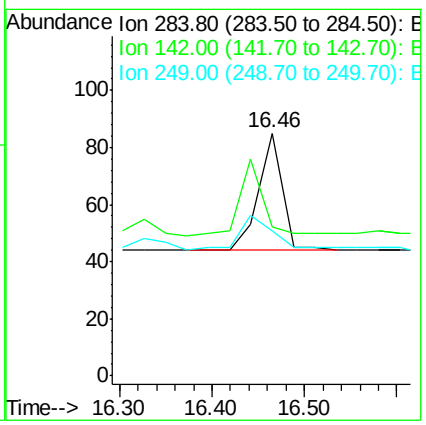


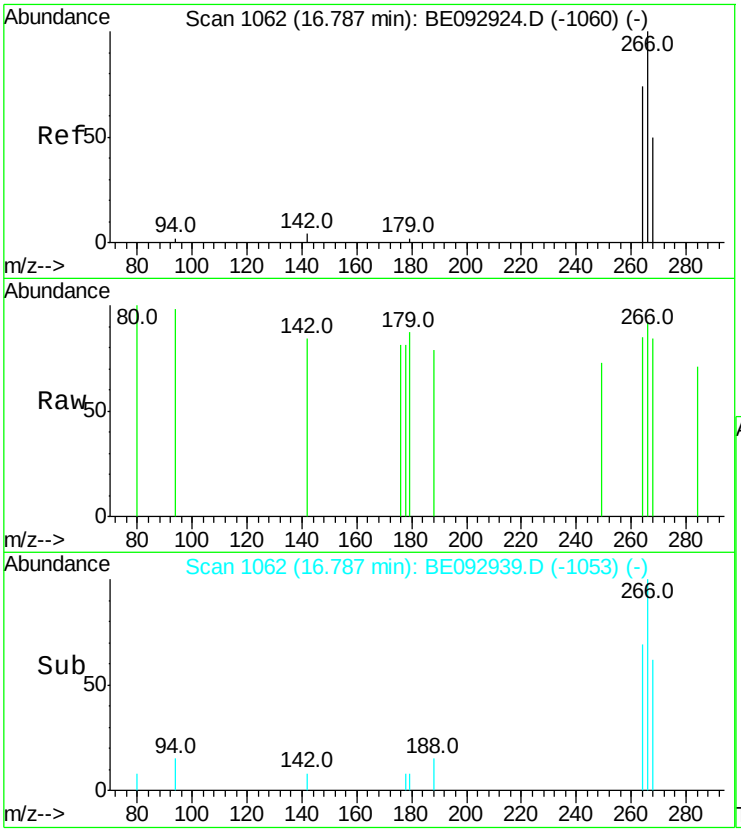


#20
Hexachlorobenzene
Concen: 0.04 ng
RT: 16.46 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Tgt Ion:284 Resp: 72

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



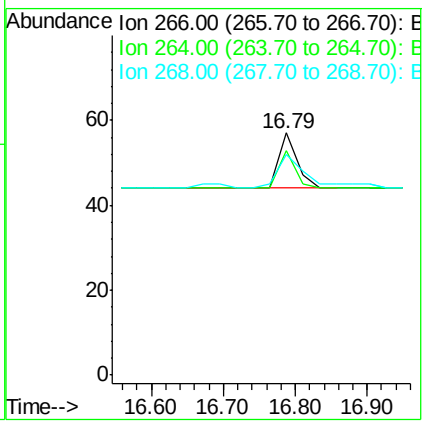


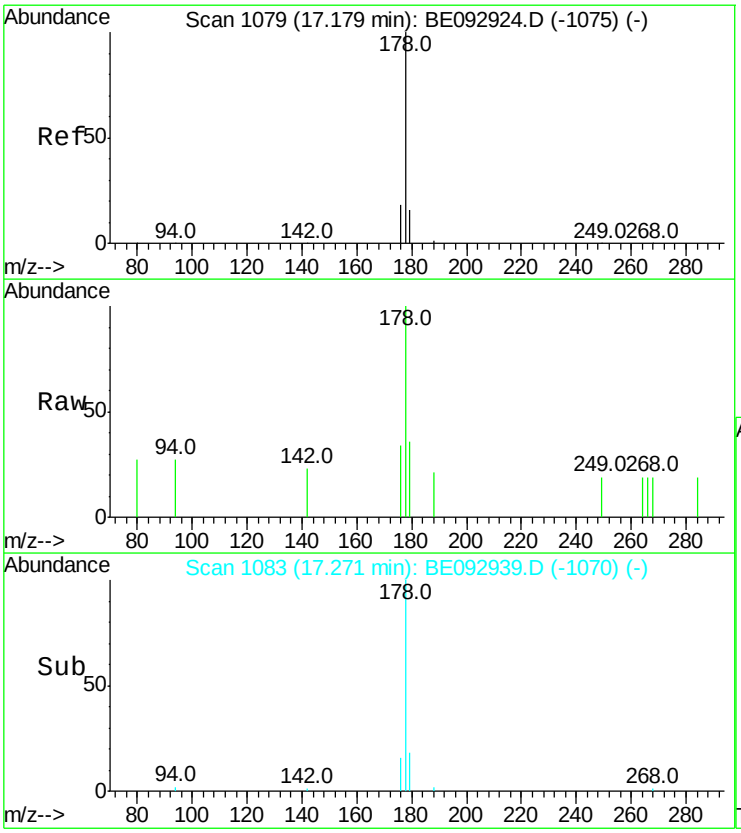
#21
Pentachlorophenol
Concen: 0.20 ng
RT: 16.79 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 22

Ion	Ratio	Lower	Upper
266	100		
264	93.0	75.4	113.2
268	91.2	75.4	113.2

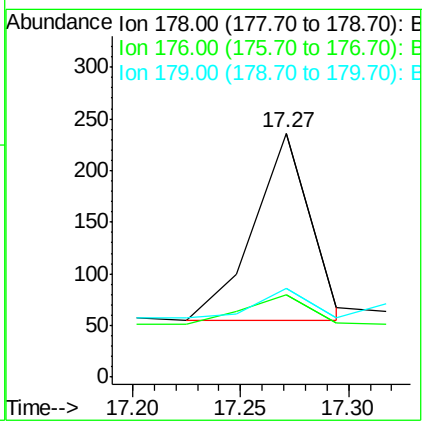


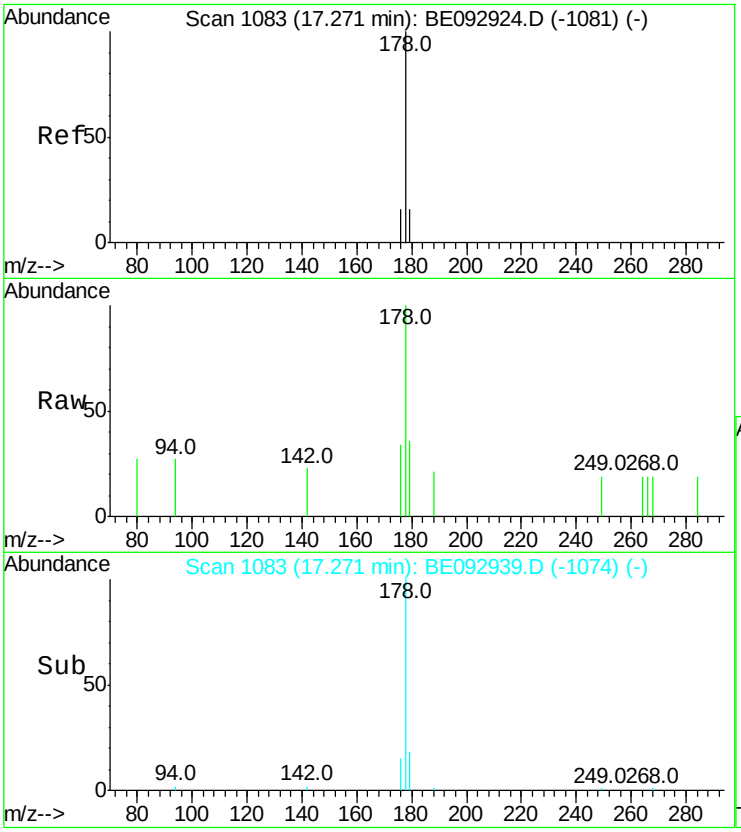


#22
Phenanthrene
Concen: 0.03 ng
RT: 17.27 min Scan# 1083
Delta R.T. 0.09 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Tgt Ion:178 Resp: 328

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.2	21.4
179	14.0	13.6	20.4



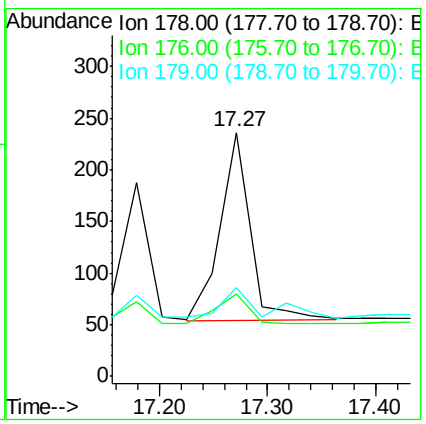


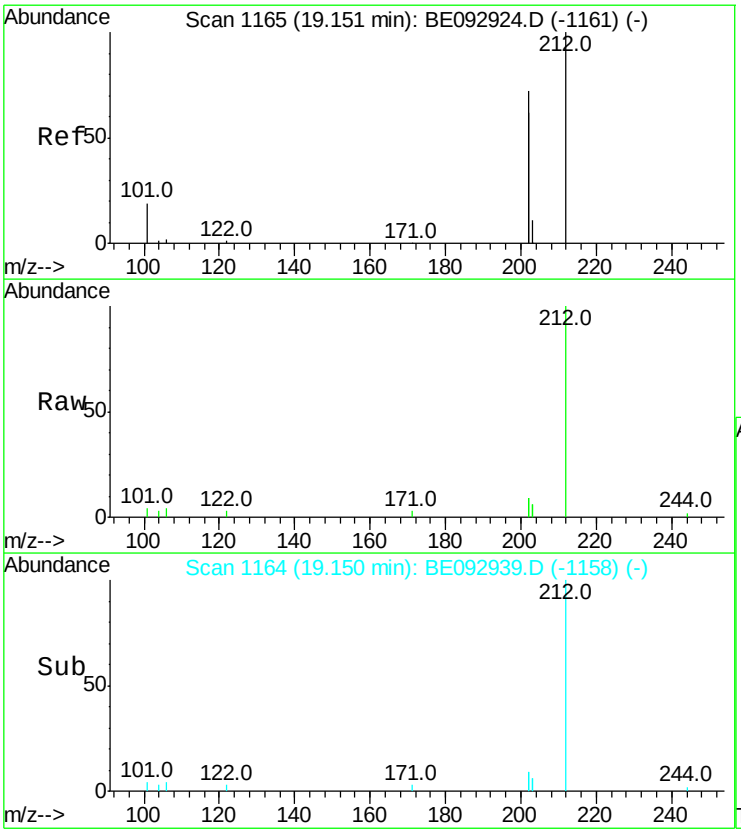
#23
Anthracene
Concen: 0.04 ng
RT: 17.27 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 351

Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.7	22.1
179	23.9	12.8	19.2#

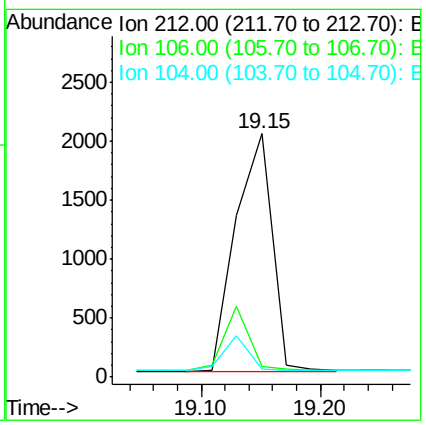


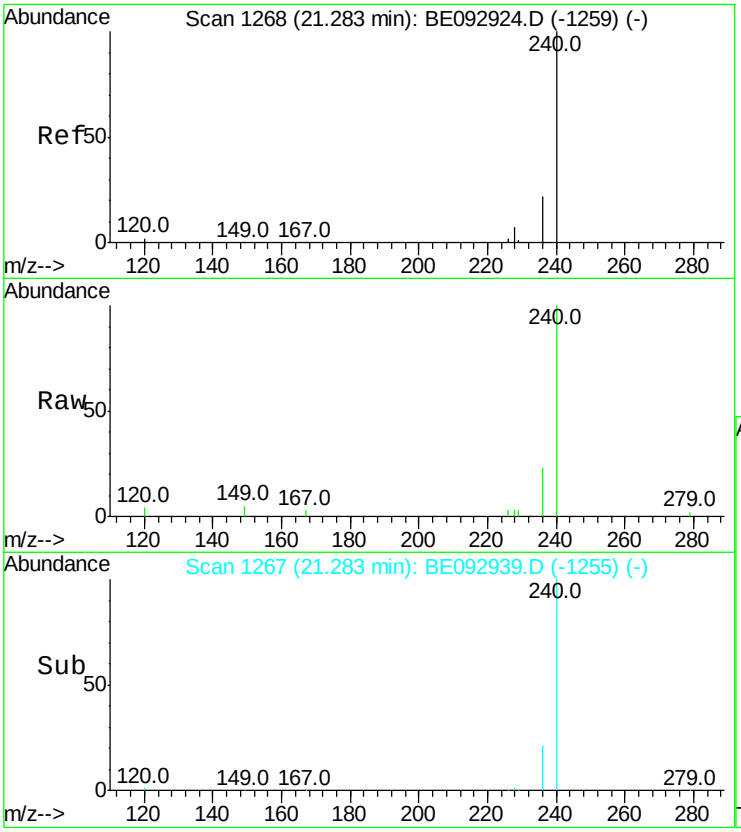


#24
Fluoranthene-d10
Concen: 0.47 ng
RT: 19.15 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Tgt Ion:212 Resp: 4261

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



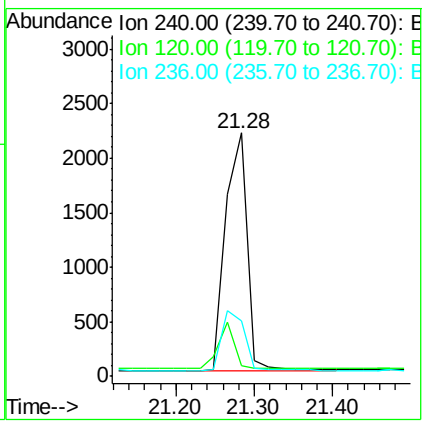


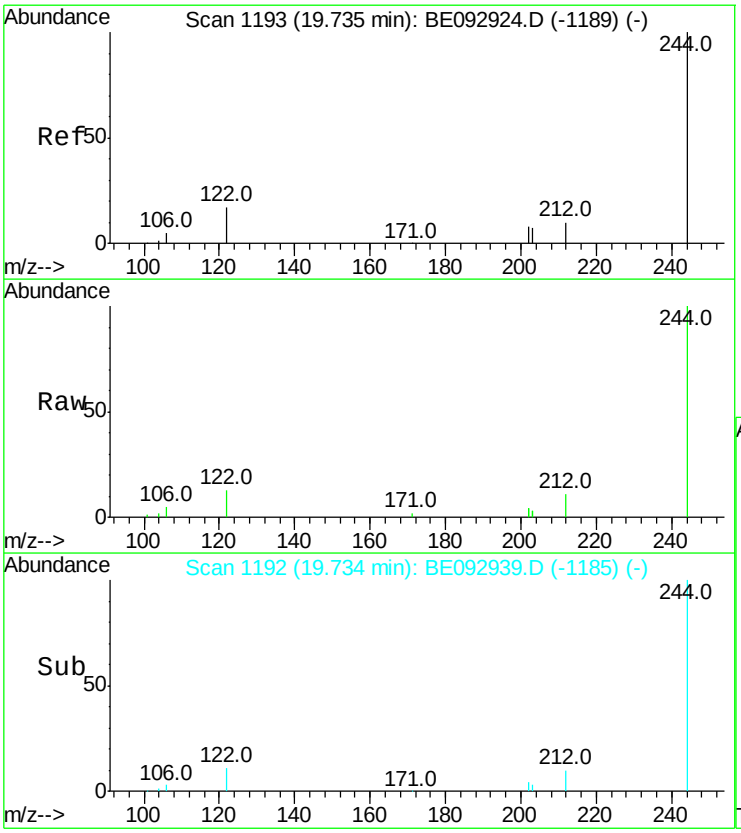
#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 4141

Ion	Ratio	Lower	Upper
240	100		
120	4.3	4.6	6.8#
236	22.8	19.8	29.8

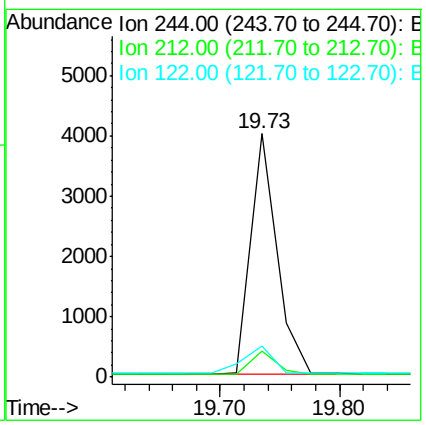


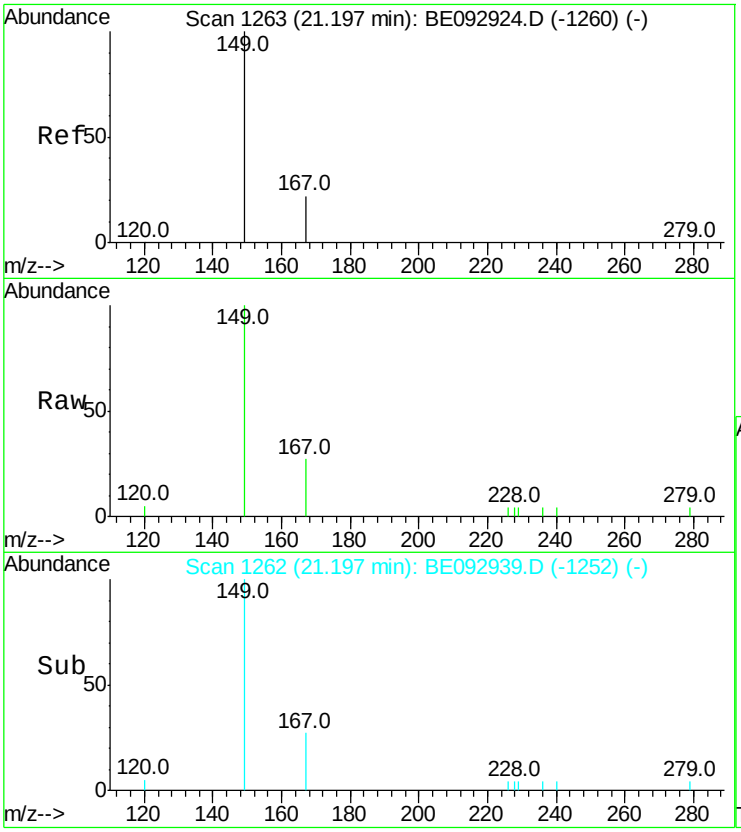


#28
Terphenyl-d14
Concen: 0.85 ng
RT: 19.73 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Tgt Ion:244 Resp: 6121

Ion	Ratio	Lower	Upper
244	100		
212	10.9	18.4	27.6#
122	12.7	23.3	34.9#



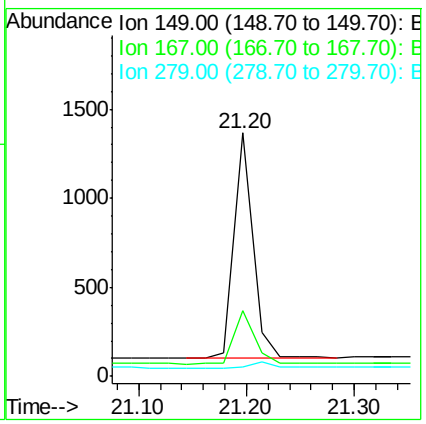


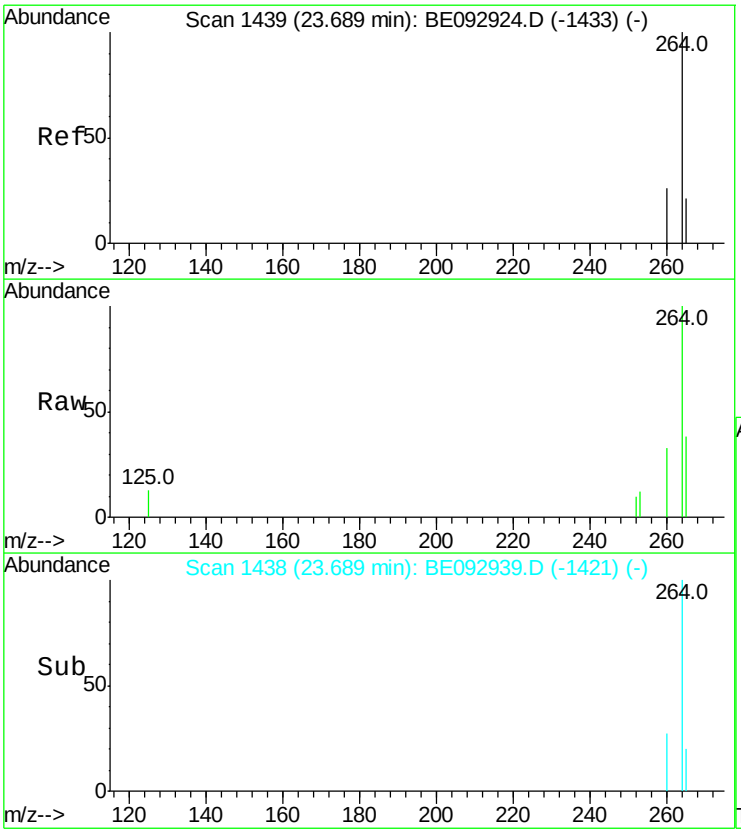
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.57 ng
RT: 21.20 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 1521

Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.9	31.3
279	2.9	0.0	0.0#

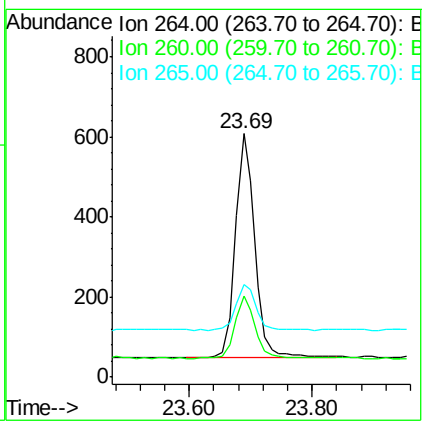


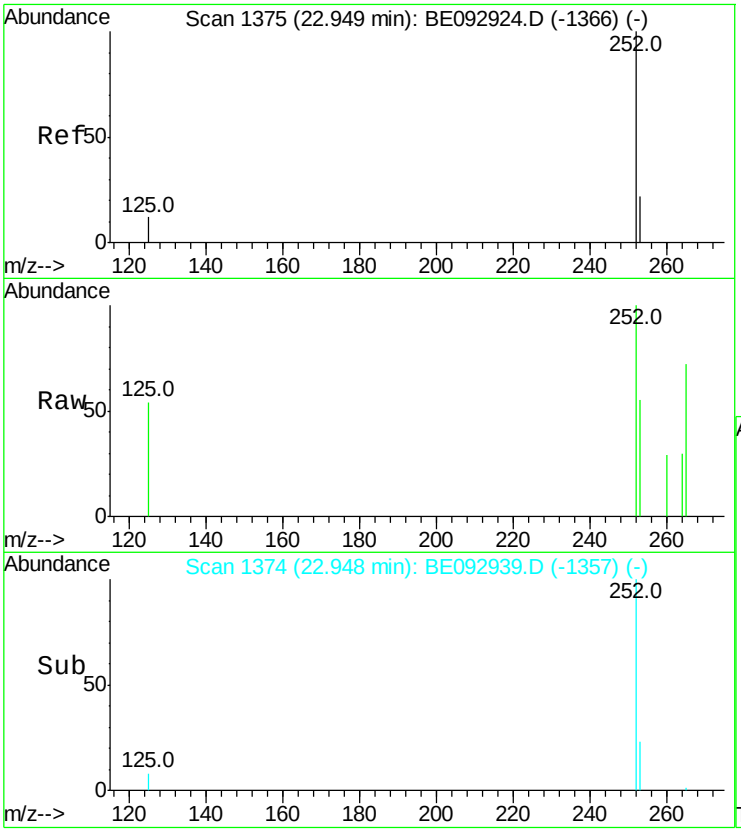


#33
Perylene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Tgt Ion:264 Resp: 1237

Ion	Ratio	Lower	Upper
264	100		
260	33.2	23.5	35.3
265	38.0	27.2	40.8



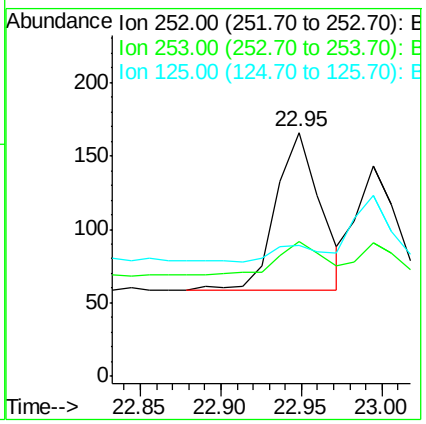


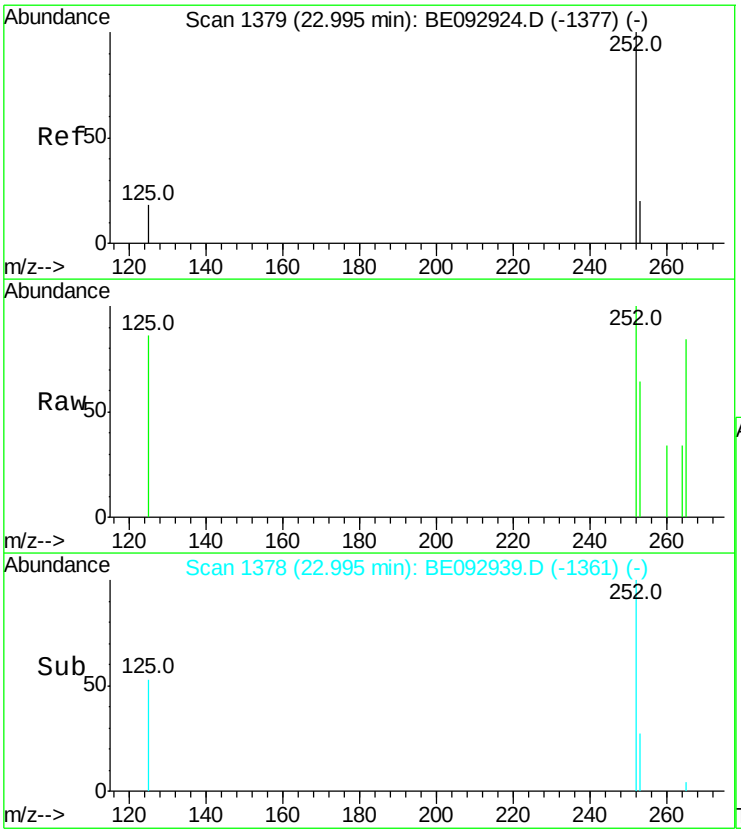
#34
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 22.95 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 205

Ion	Ratio	Lower	Upper
252	100		
253	55.4	24.7	37.1#
125	53.6	20.3	30.5#

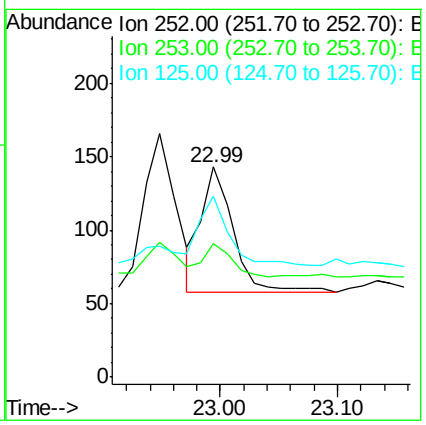


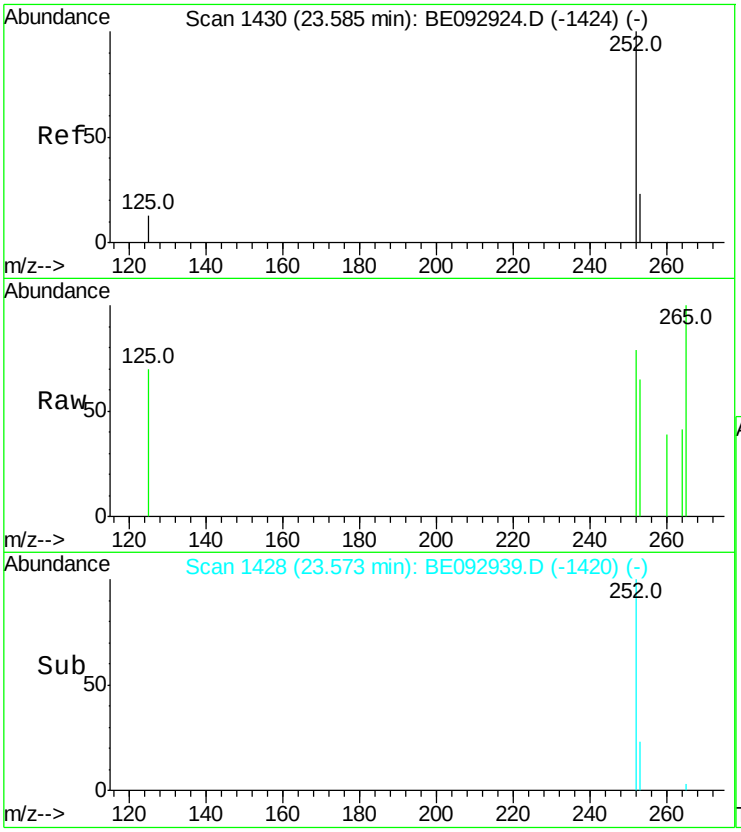


#35
Benzo(k)fluoranthene
Concen: 0.04 ng
RT: 22.99 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Tgt Ion:252 Resp: 160

Ion	Ratio	Lower	Upper
252	100		
253	63.6	25.8	38.8#
125	86.0	22.9	34.3#



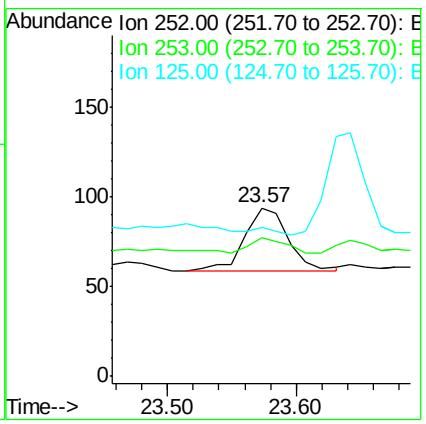


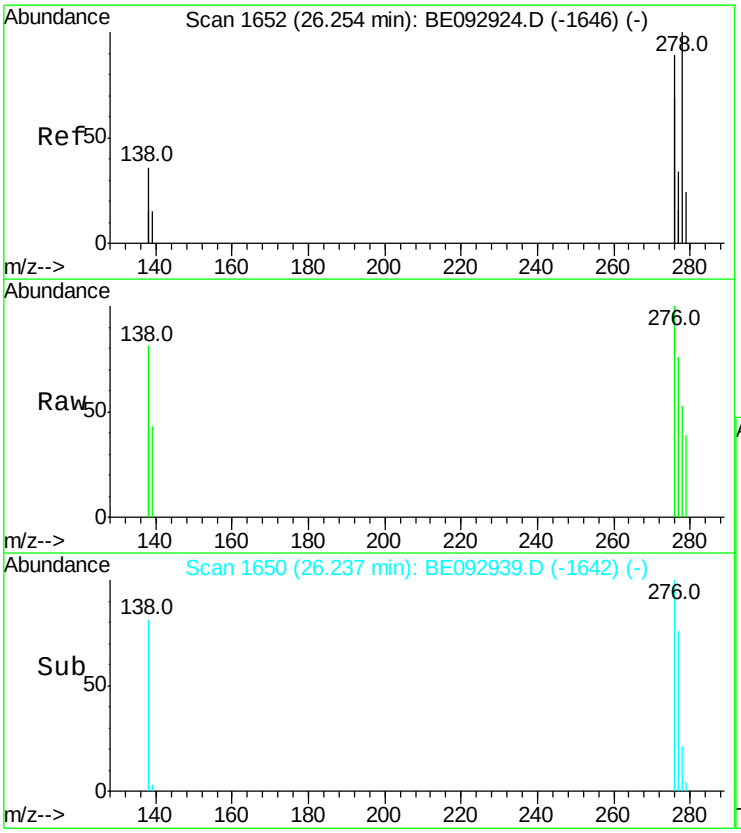
#36
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.57 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 81

Ion	Ratio	Lower	Upper
252	100		
253	81.9	31.3	46.9#
125	88.3	26.4	39.6#

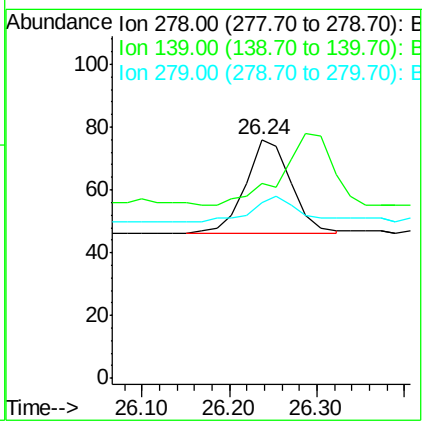


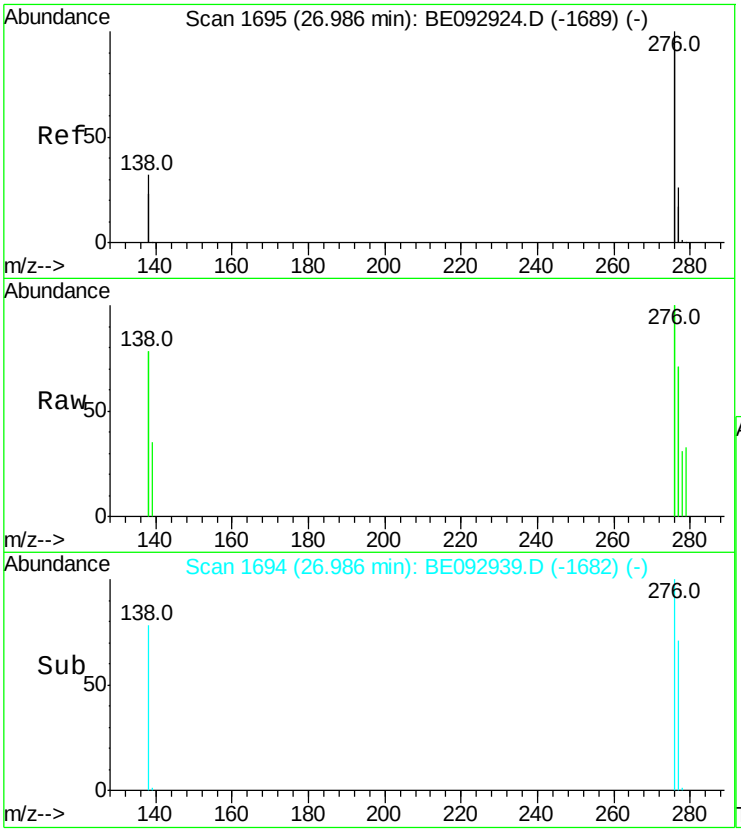


#37
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 26.24 min Scan# 1650
Delta R.T. -0.02 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Tgt Ion:278 Resp: 110

Ion	Ratio	Lower	Upper
278	100		
139	81.6	27.4	41.2#
279	73.7	33.3	49.9#





#38
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 26.99 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BE092939.D
Acq: 5 May 2017 21:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 466

Ion	Ratio	Lower	Upper
276	100		
277	70.7	29.9	44.9#
138	78.0	34.6	51.8#