Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012417\
Data File : BE092677.D
Acq On : 24 Jan 2017 22:18
Operator : UM/SJ
Sample : I1378-07 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 25 11:09:10 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 10:14:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	8899	5.00	ng	0.00
7) Naphthalene-d8	10.91	136	45899	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	30918	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	61861	5.00	ng	0.00
24) Chrysene-d12	21.72	240	64698	5.00	ng	0.00
31) Perylene-d12	24.07	264	64346	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.58	112	1	0.00	ng	-0.07
5) Phenol-d6	7.31	99	6	0.00	ng	-0.02
8) Nitrobenzene-d5	0.00	82	0	0.00	ng	
13) 2,4,6-Tribromophenol	16.32	330	42	0.18	ng	0.02
14) 2-Fluorobiphenyl	13.48	172	176	0.02	ng	0.06
26) Terphenyl-d14	20.17	244	248	0.03	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.62	88	1	Below Cal	#	19
19) Hexachlorobenzene	16.66	284	351	0.08	ng	# 69
20) Pentachlorophenol	17.26	266	14	0.02	ng	# 72
21) Phenanthrene	17.58	178	325	0.02	ng	# 78
23) Fluoranthene	19.59	202	4321	0.07	ng	96
25) Pyrene	19.95	202	5645	0.09	ng	# 89
27) Benzo(a)anthracene	21.70	228	9088	0.14	ng	# 85
28) Chrysene	21.70	228	9088	0.13	ng	# 71
29) Bis(2-ethylhexyl)phthalate	21.61	149	235	0.22	ng	# 76
30) Indeno(1,2,3-cd)pyrene	26.55	276	2675	0.03	ng	94
32) Benzo(b)fluoranthene	23.35	252	1635	0.11	ng	# 40
33) Benzo(k)fluoranthene	23.35	252	1635	0.10	ng	# 42
34) Benzo(a)pyrene	23.96	252	948	0.06	ng	# 45
36) Benzo(g,h,i)perylene	27.31	276	4221	0.07	ng	# 63

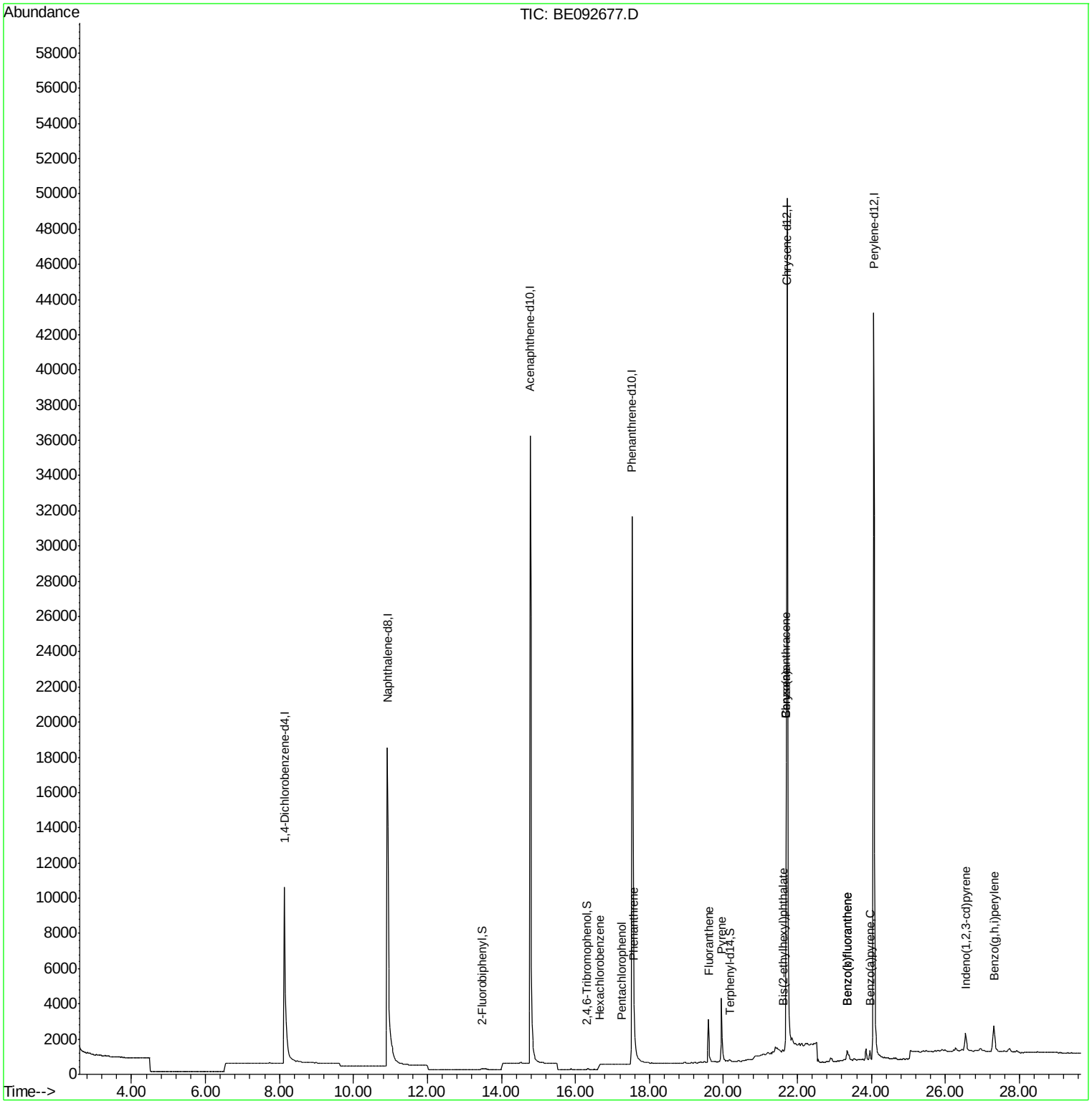
(#) = qualifier out of range (m) = manual integration (+) = signals summed

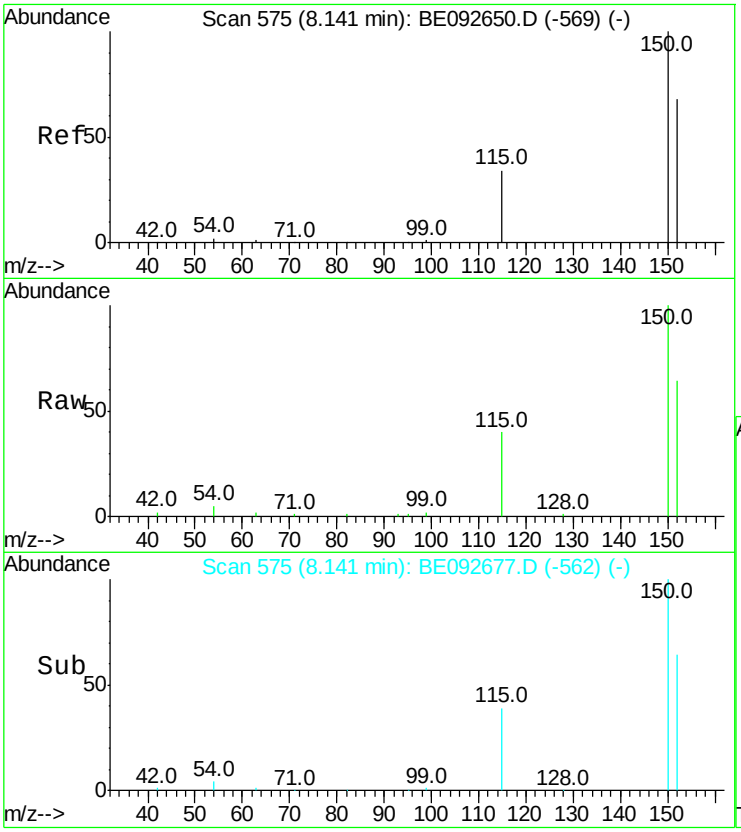
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012417\
Data File : BE092677.D
Acq On : 24 Jan 2017 22:18
Operator : UM/SJ
Sample : I1378-07 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 25 11:09:10 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 10:14:01 2017
Response via : Initial Calibration



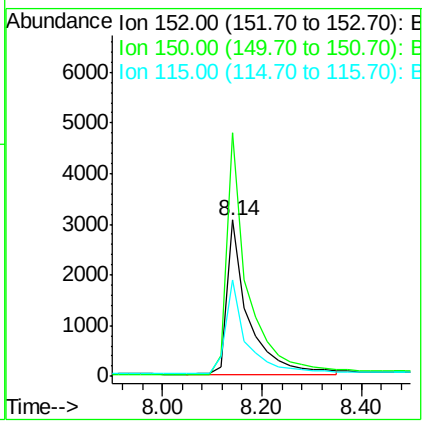


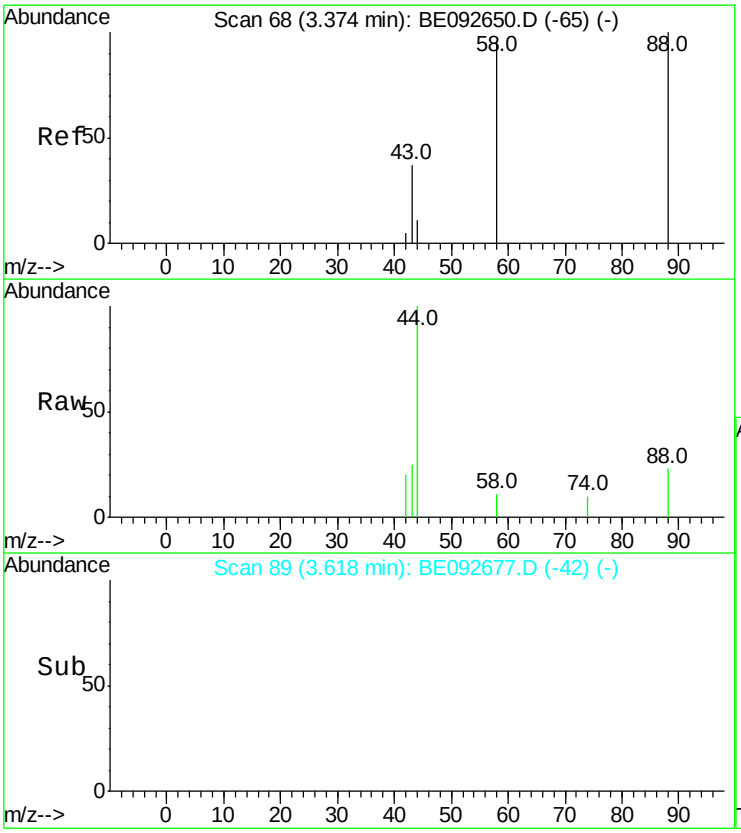
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8899

Ion	Ratio	Lower	Upper
152	100		
150	155.9	106.0	159.0
115	61.7	31.2	46.8#

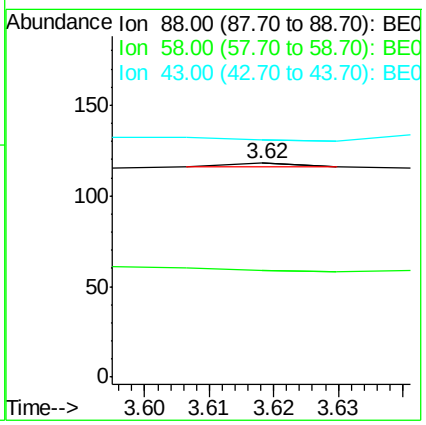


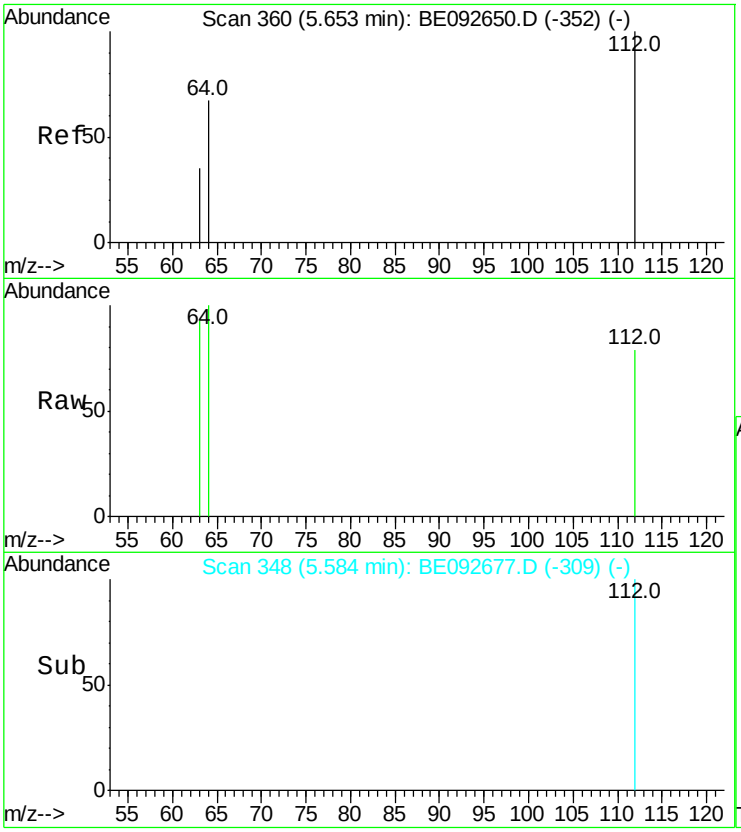


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.62 min Scan# 89
Delta R.T. 0.24 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Tgt Ion: 88 Resp: 1

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.6	95.4#
43	0.0	28.0	42.0#



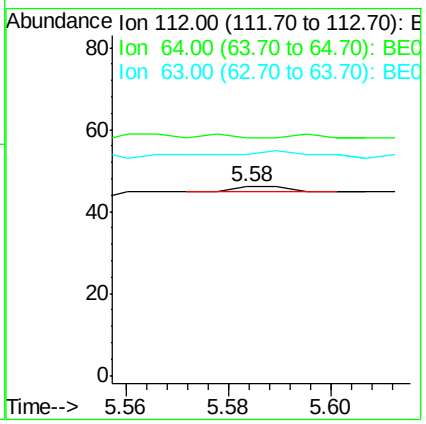


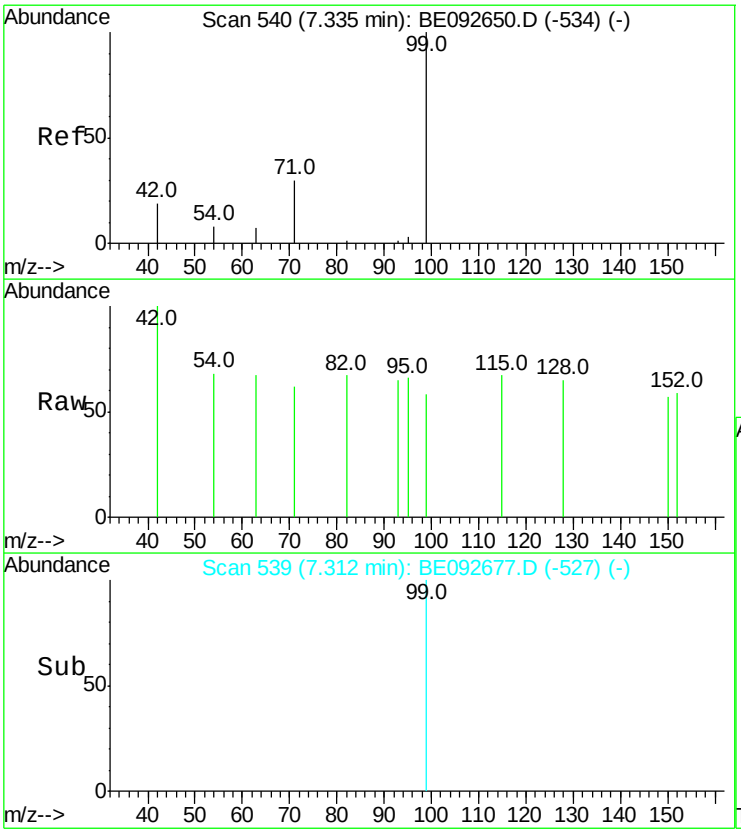
#4
2-Fluorophenol
Concen: 0.00 ng
RT: 5.58 min Scan# 348
Delta R.T. -0.07 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 1

Ion	Ratio	Lower	Upper
112	100		
64	0.0	53.5	80.3#
63	200.0	27.9	41.9#

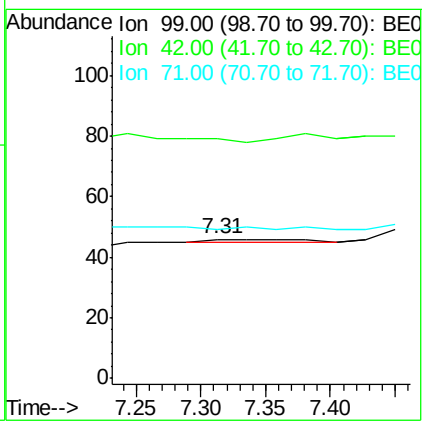


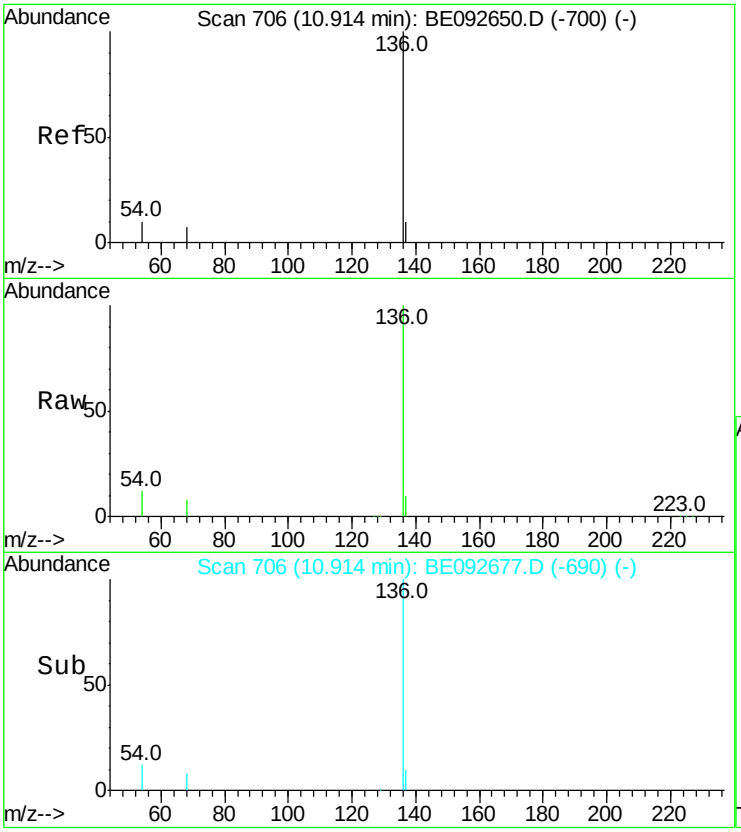


#5
Phenol-d6
Concen: 0.00 ng
RT: 7.31 min Scan# 539
Delta R.T. -0.02 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Tgt Ion: 99 Resp: 6

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	0.0	30.6	45.8#



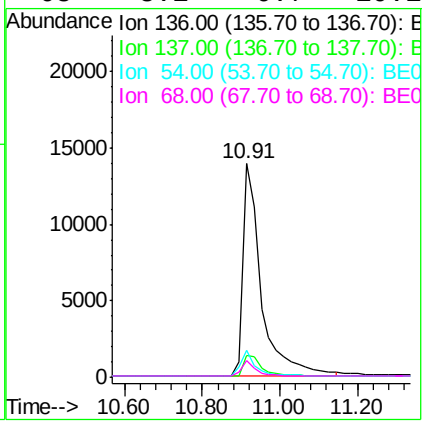


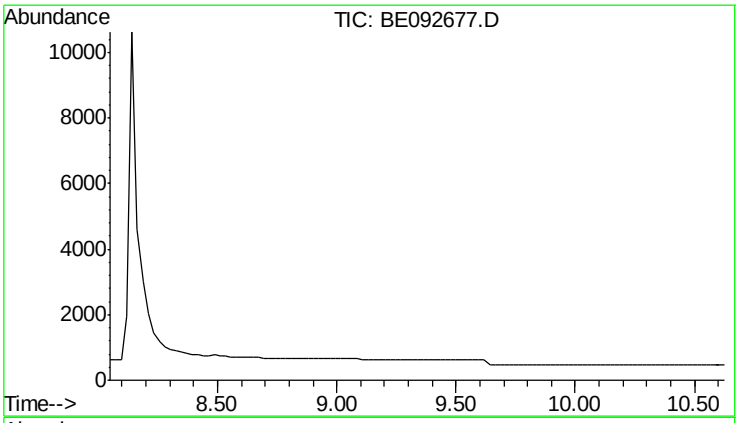
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. 0.00 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 45899

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	12.3	9.6	14.4
68	8.1	6.7	10.1



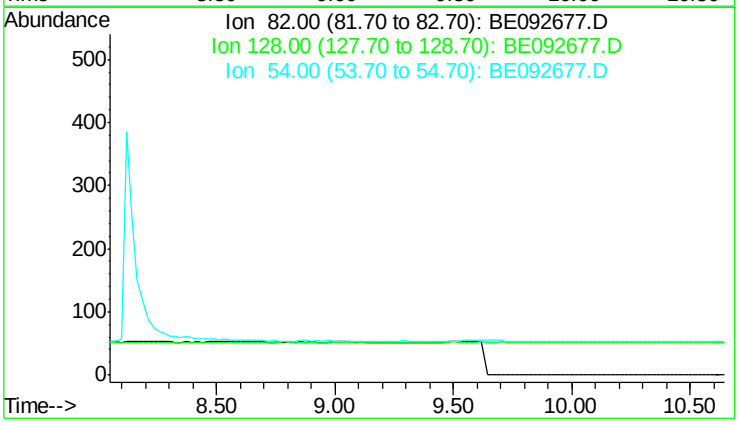


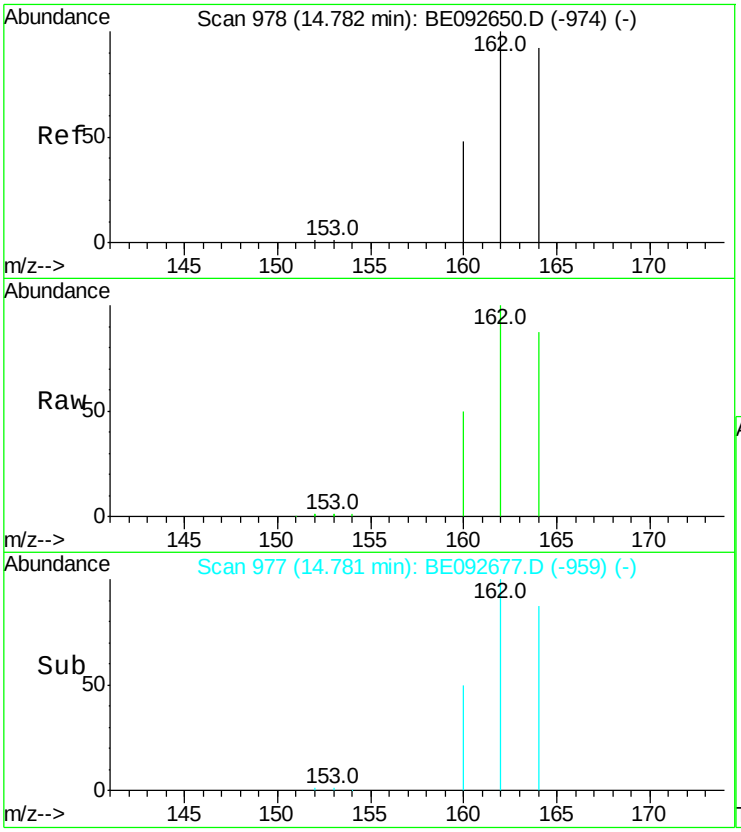
#8
Nitrobenzene-d5
Concen: 0.00 ng
Expected RT: 9.34 min

Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	48.7
54	56.0



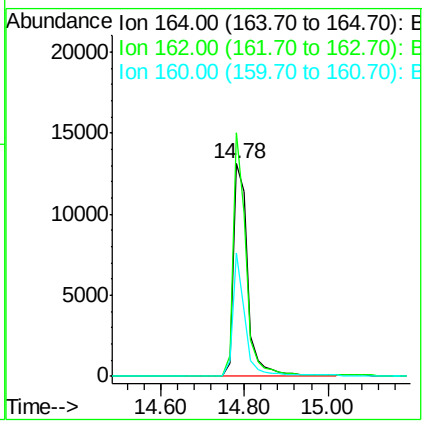


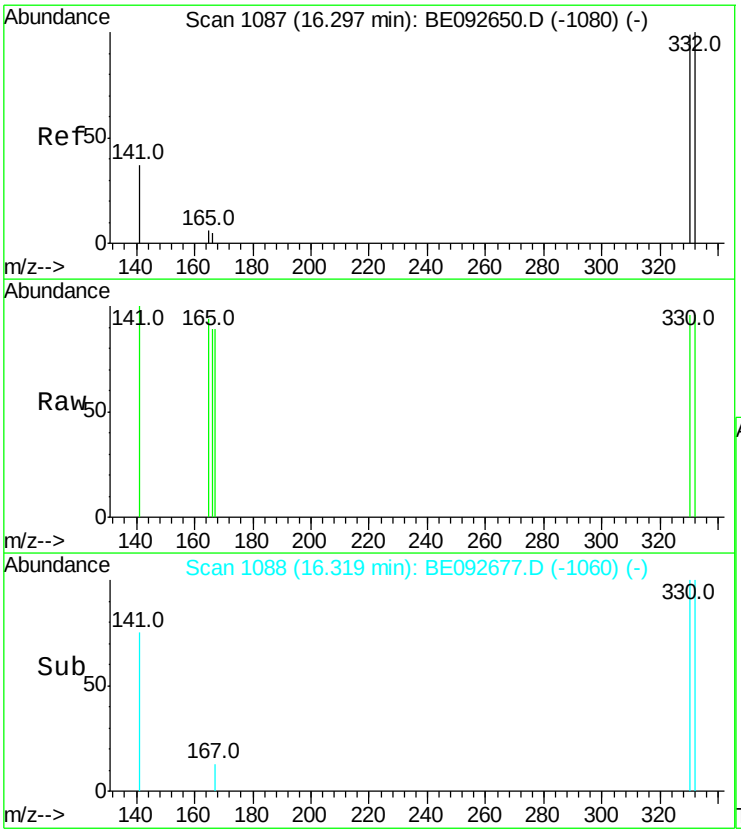
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 977
Delta R.T. -0.00 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 30918

Ion	Ratio	Lower	Upper
164	100		
162	114.5	71.4	107.0#
160	57.7	27.4	41.2#

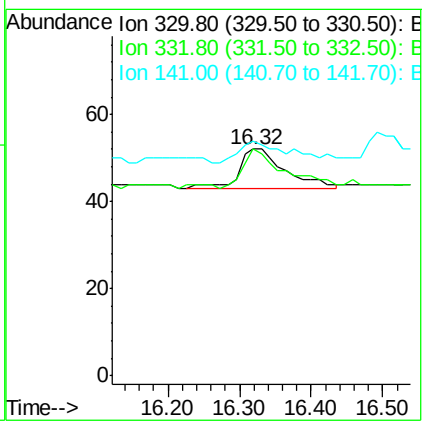


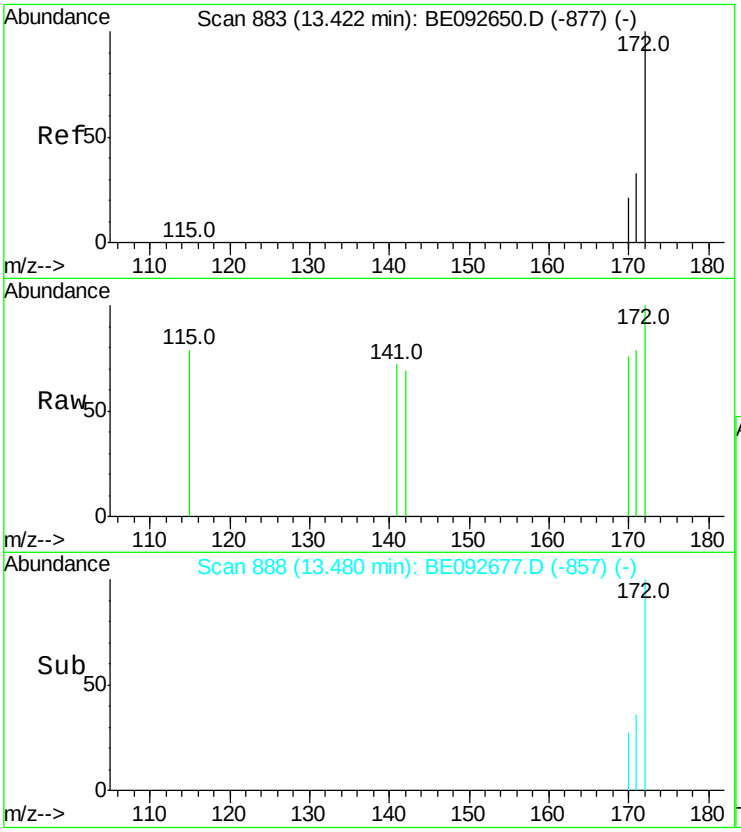


#13
2,4,6-Tribromophenol
Concen: 0.18 ng
RT: 16.32 min Scan# 1088
Delta R.T. 0.02 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Tgt Ion:330 Resp: 42

Ion	Ratio	Lower	Upper
330	100		
332	90.5	75.4	113.0
141	59.5	31.0	46.6#



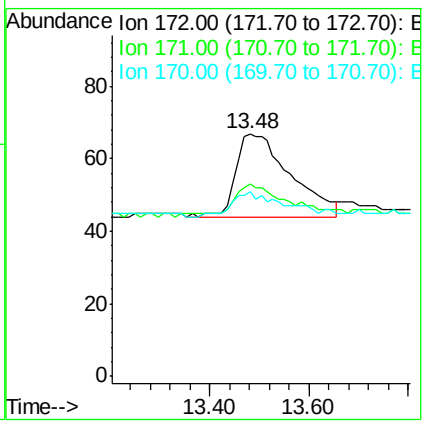


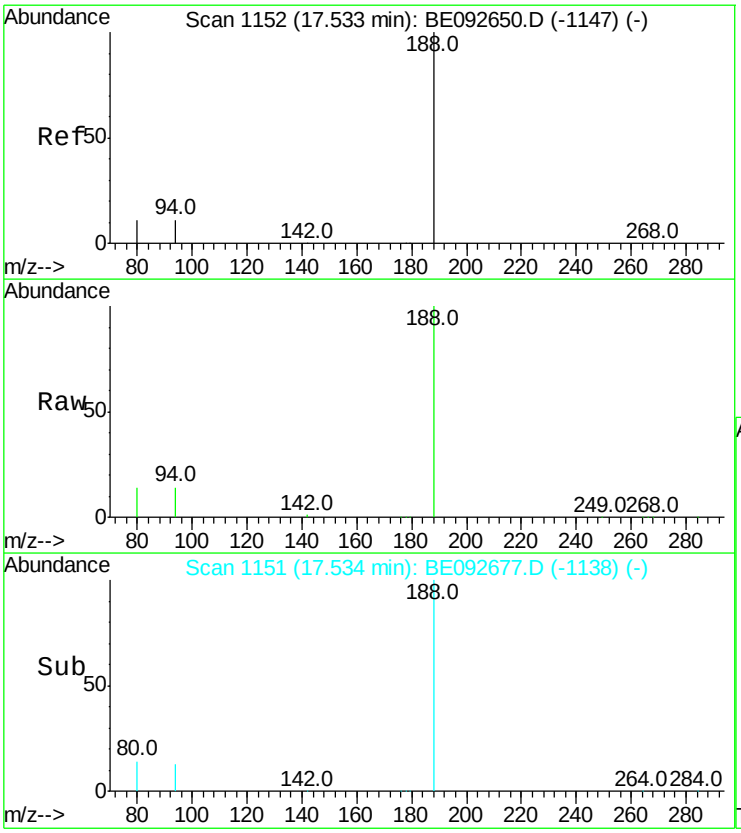
#14
2-Fluorobiphenyl
Concen: 0.02 ng
RT: 13.48 min Scan# 888
Delta R.T. 0.06 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 176

Ion	Ratio	Lower	Upper
172	100		
171	79.1	30.1	45.1#
170	76.1	21.8	32.6#

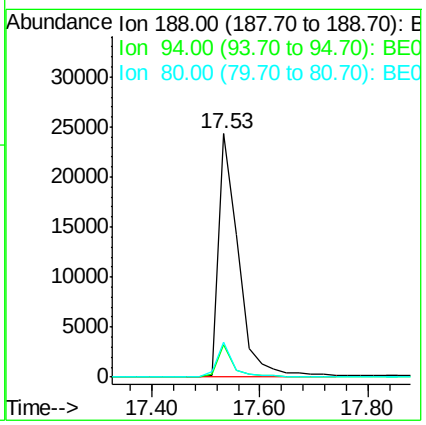


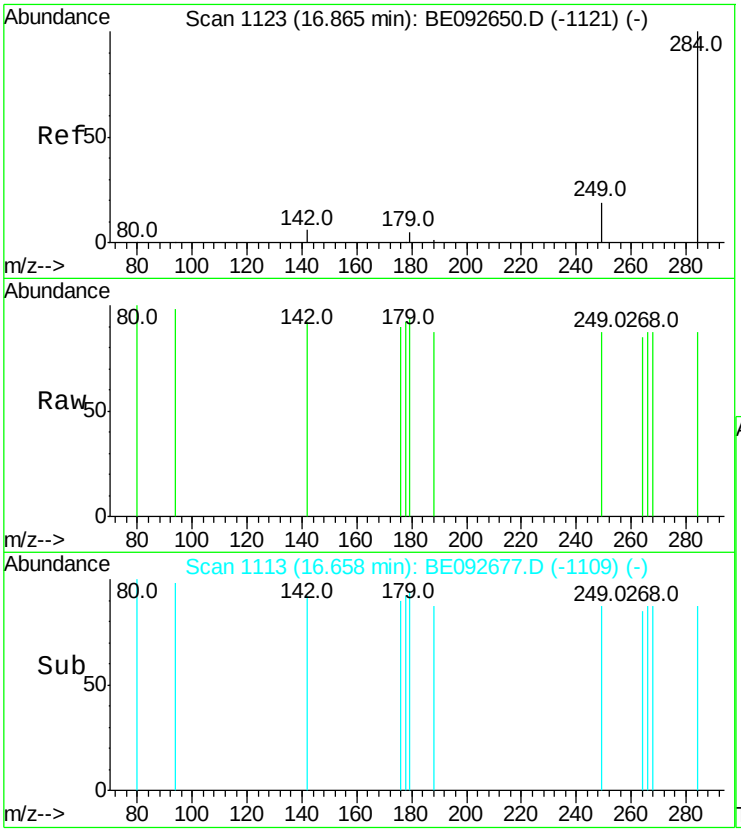


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Tgt Ion:188 Resp: 61861

Ion	Ratio	Lower	Upper
188	100		
94	13.6	3.2	4.8#
80	14.3	2.6	3.8#



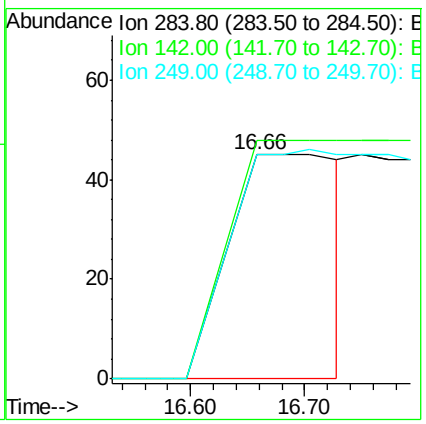


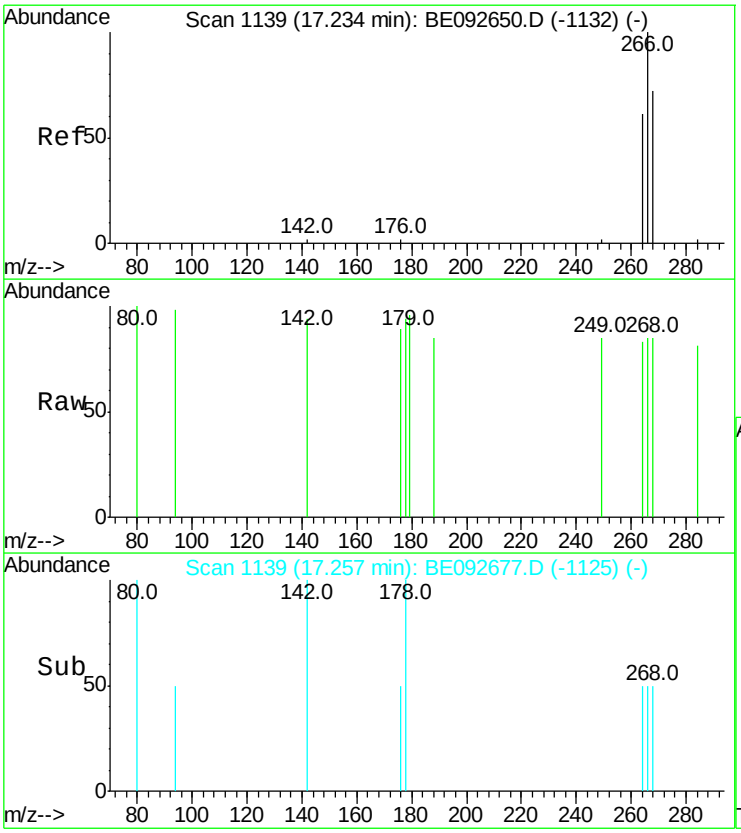
#19
Hexachlorobenzene
Concen: 0.08 ng
RT: 16.66 min Scan# 1113
Delta R.T. -0.21 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 351

Ion	Ratio	Lower	Upper
284	100		
142	34.8	29.1	43.7
249	0.0	27.9	41.9#

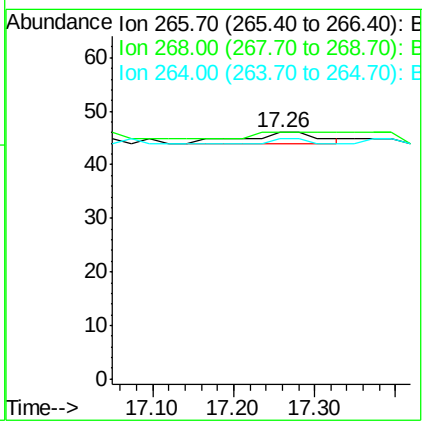


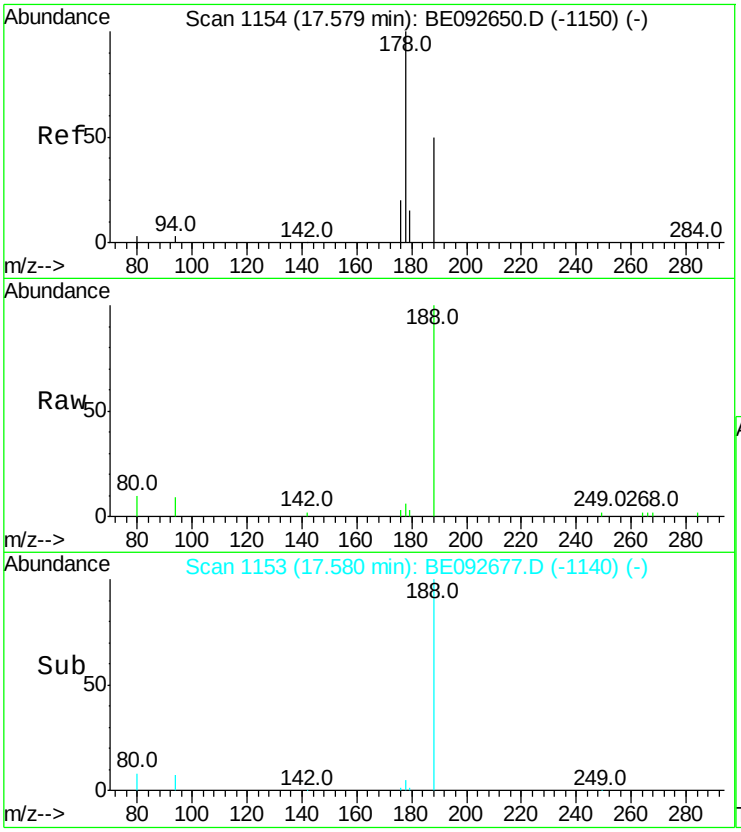


#20
Pentachlorophenol
Concen: 0.02 ng
RT: 17.26 min Scan# 1139
Delta R.T. 0.02 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Tgt Ion:266 Resp: 14

Ion	Ratio	Lower	Upper
266	100		
268	100.0	62.5	93.7#
264	97.8	57.2	85.8#



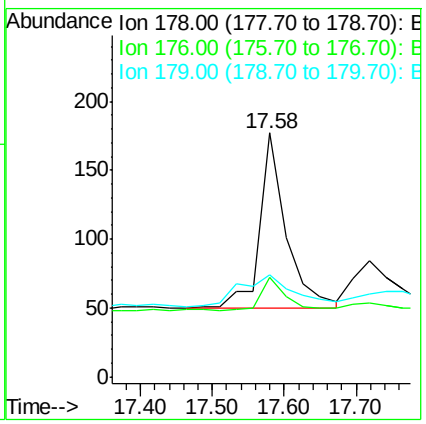


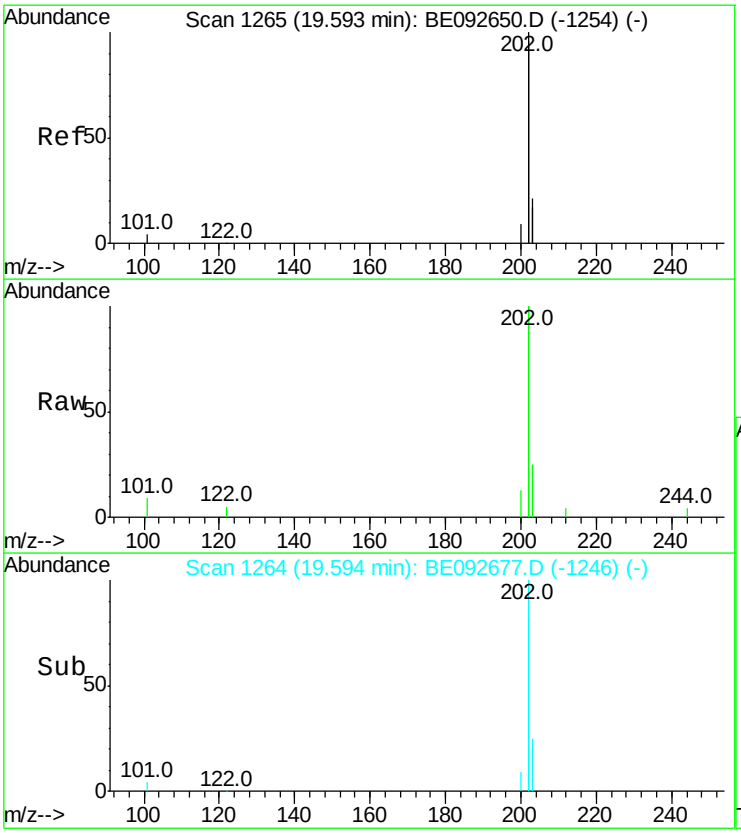
#21
Phenanthrene
Concen: 0.02 ng
RT: 17.58 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 325

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.8	23.8
179	37.8	16.0	24.0#

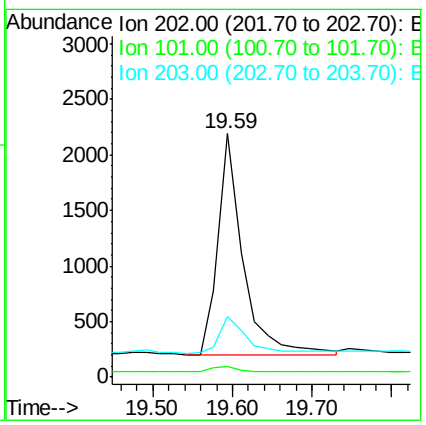


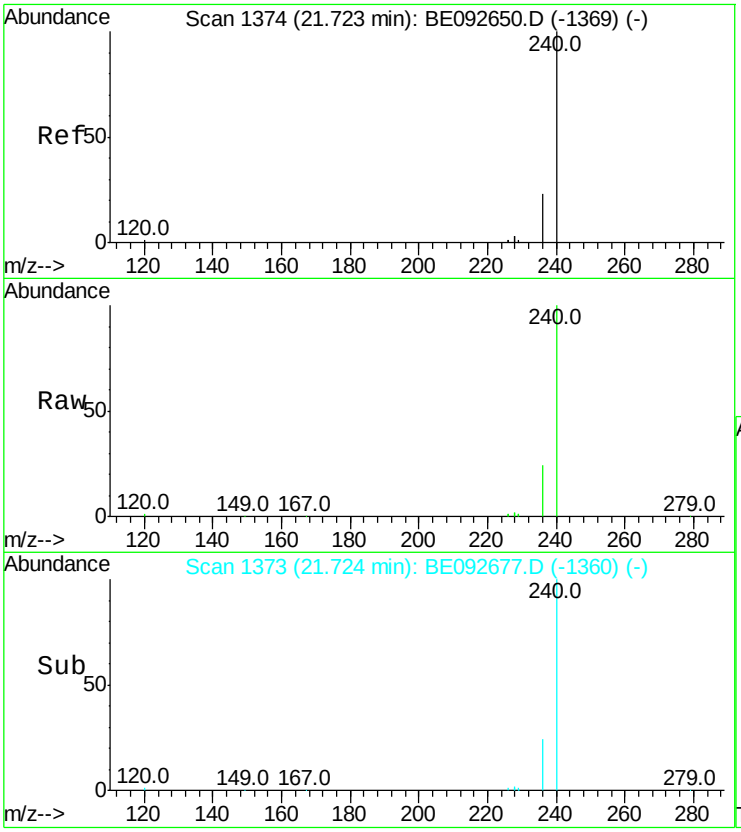


#23
Fluoranthene
Concen: 0.07 ng
RT: 19.59 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Tgt Ion:202 Resp: 4321

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	18.9	13.7	20.5



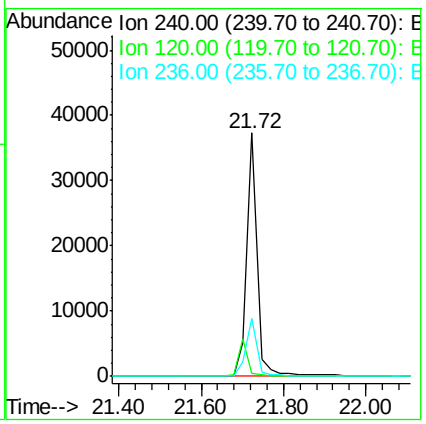


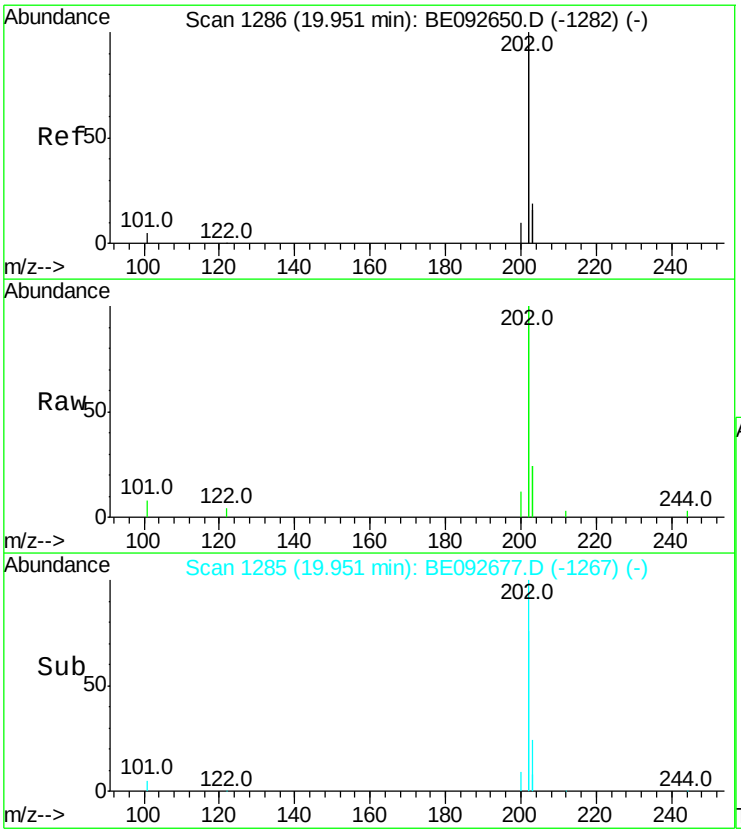
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 64698

Ion	Ratio	Lower	Upper
240	100		
120	1.5	2.6	4.0#
236	23.8	24.6	37.0#

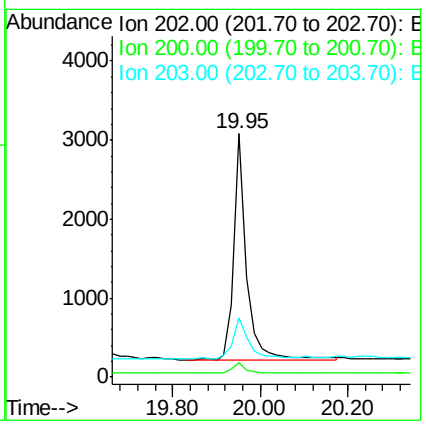


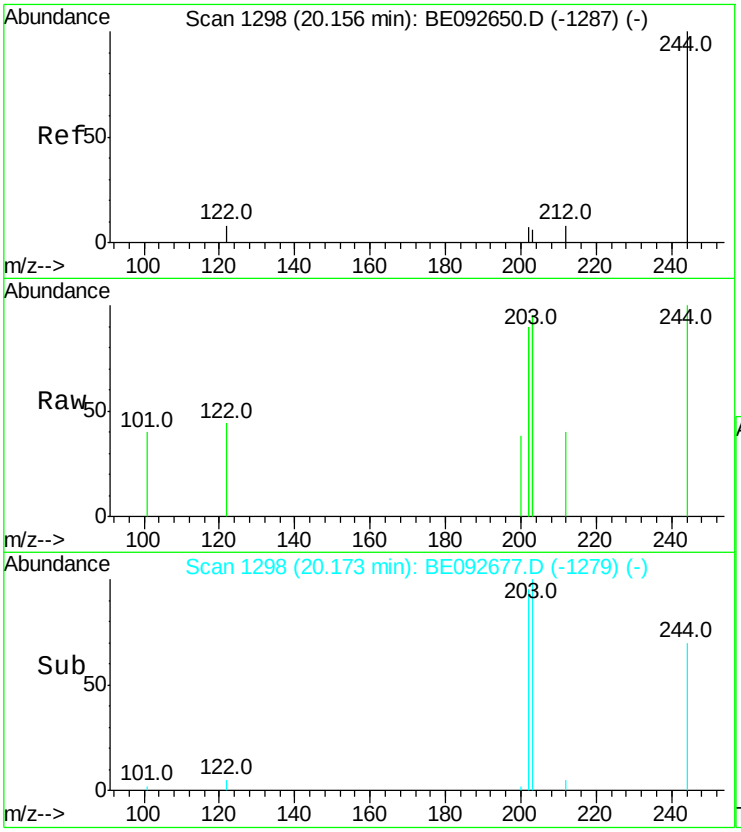


#25
Pyrene
Concen: 0.09 ng
RT: 19.95 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Tgt Ion:202 Resp: 5645

Ion	Ratio	Lower	Upper
202	100		
200	5.2	4.2	6.4
203	23.7	13.9	20.9#



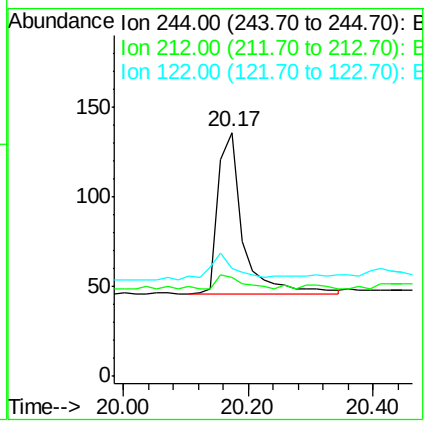


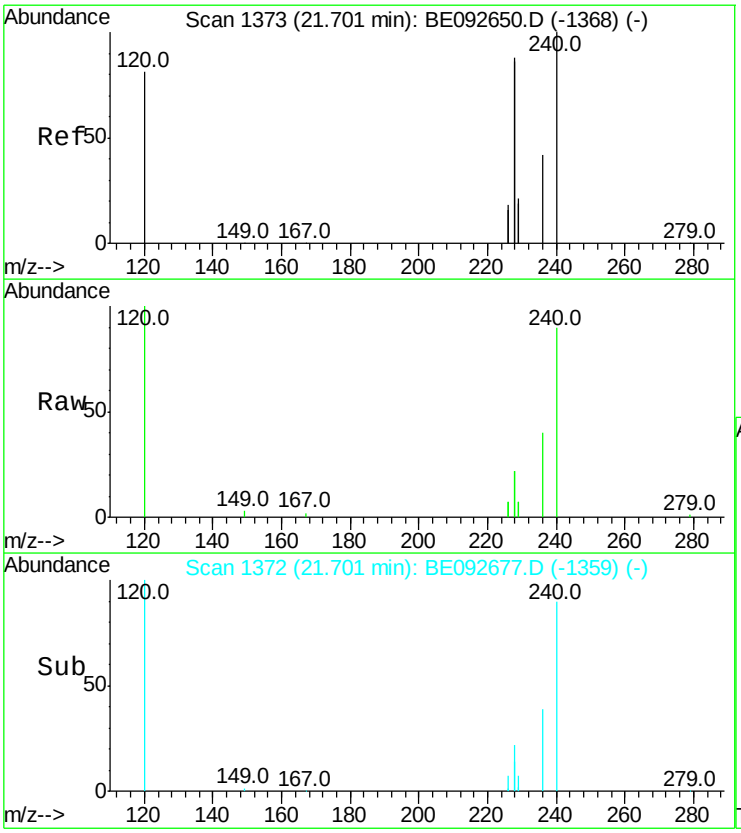
#26
Terphenyl-d14
Concen: 0.03 ng
RT: 20.17 min Scan# 1298
Delta R.T. 0.02 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 248

Ion	Ratio	Lower	Upper
244	100		
212	40.4	6.7	10.1#
122	44.1	3.6	5.4#

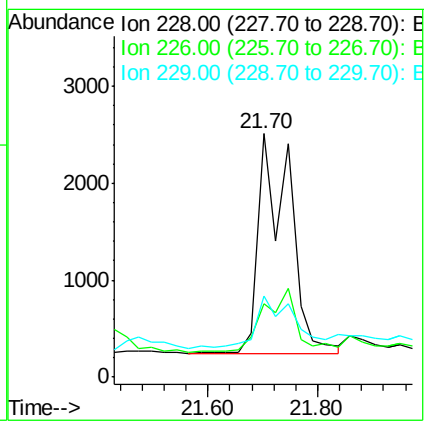


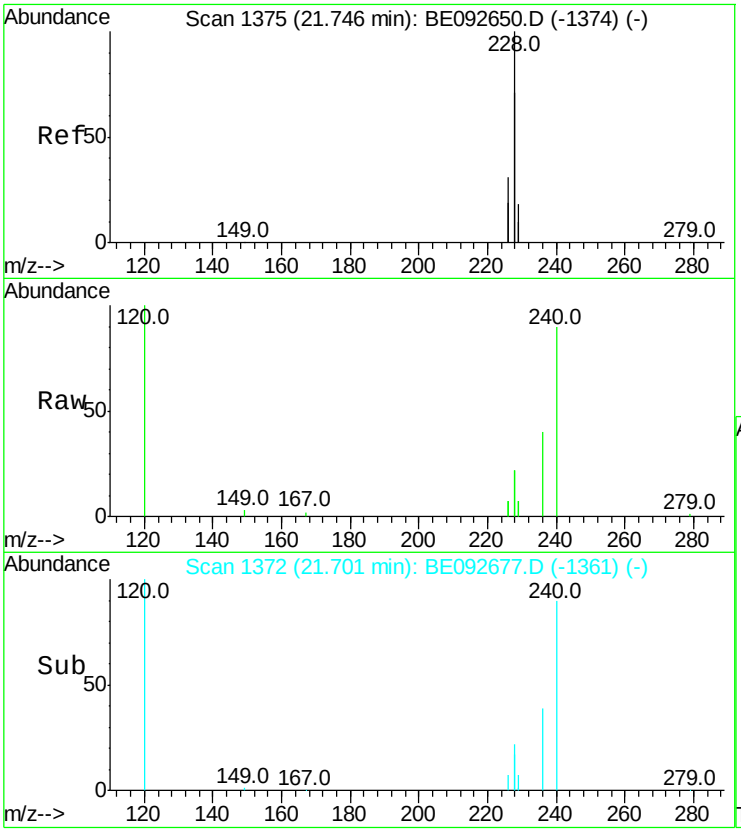


#27
Benzo(a)anthracene
Concen: 0.14 ng
RT: 21.70 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Tgt Ion:228 Resp: 9088

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.6	35.4
229	33.4	13.3	19.9#



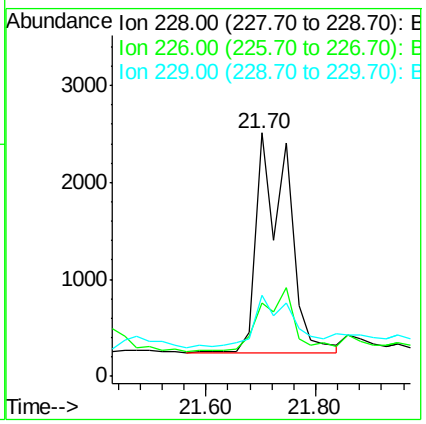


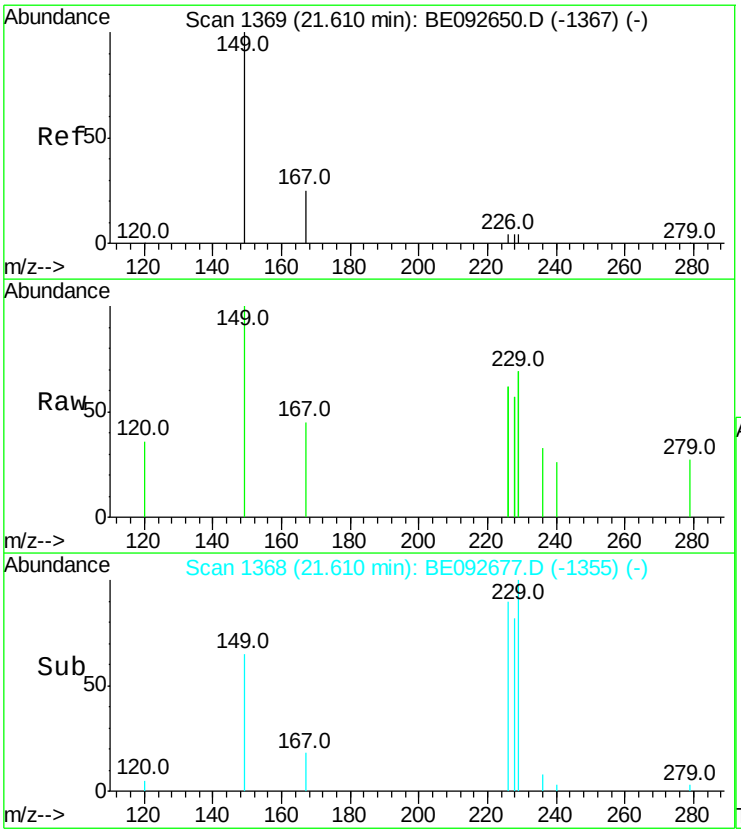
#28
Chrysene
Concen: 0.13 ng
RT: 21.70 min Scan# 1372
Delta R.T. -0.05 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 9088

Ion	Ratio	Lower	Upper
228	100		
226	30.1	36.3	54.5#
229	33.4	10.6	16.0#

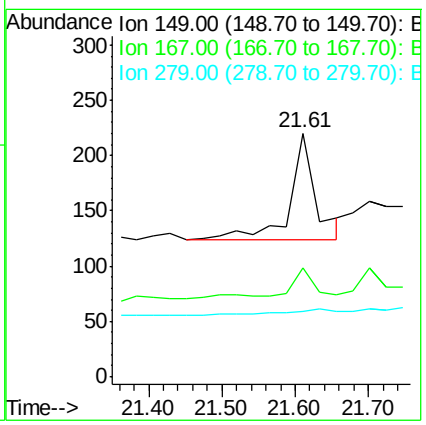


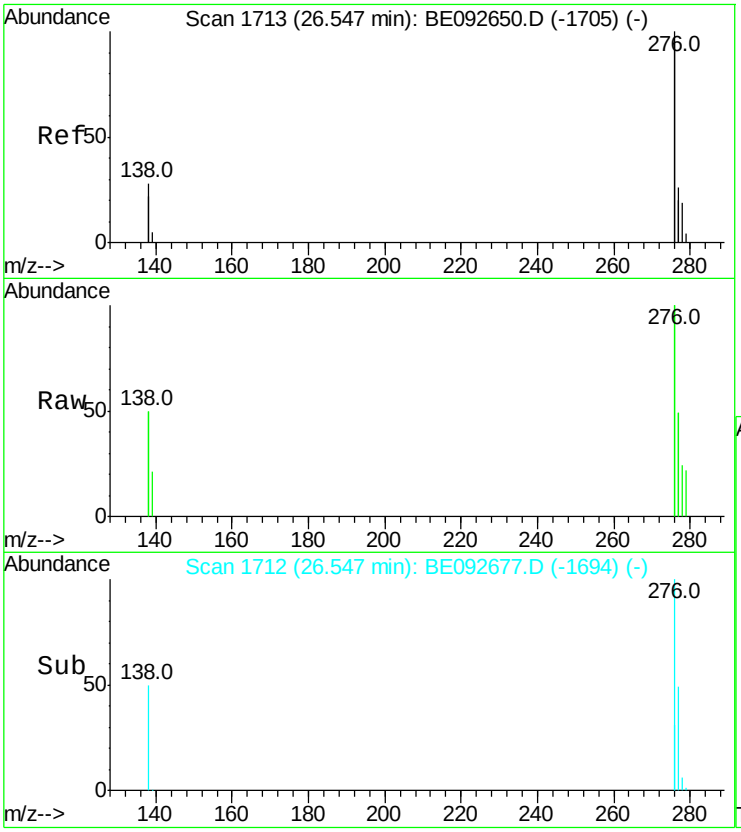


#29
Bis(2-ethylhexyl)phthalate
Concen: 0.22 ng
RT: 21.61 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Tgt Ion:149 Resp: 235

Ion	Ratio	Lower	Upper
149	100		
167	17.9	16.0	24.0
279	0.0	16.0	24.0#



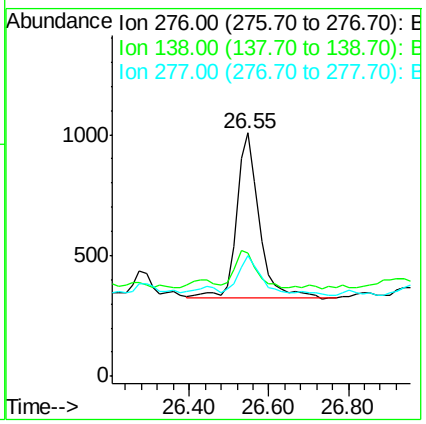


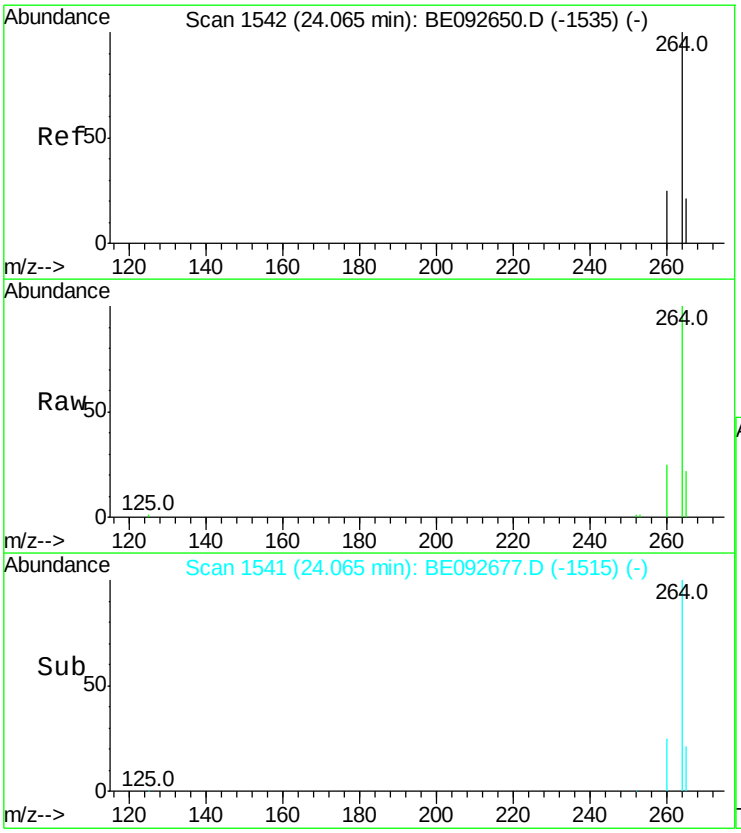
#30
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 26.55 min Scan# 1712
Delta R.T. 0.00 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 2675

Ion	Ratio	Lower	Upper
276	100		
138	21.6	20.3	30.5
277	22.1	19.7	29.5

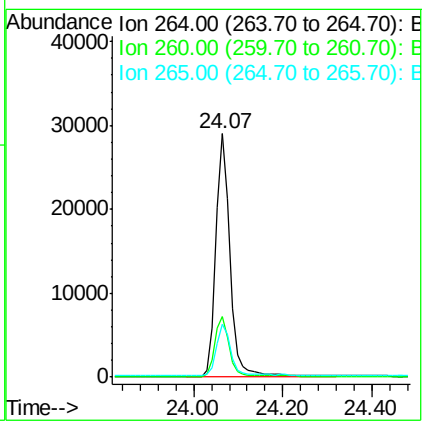


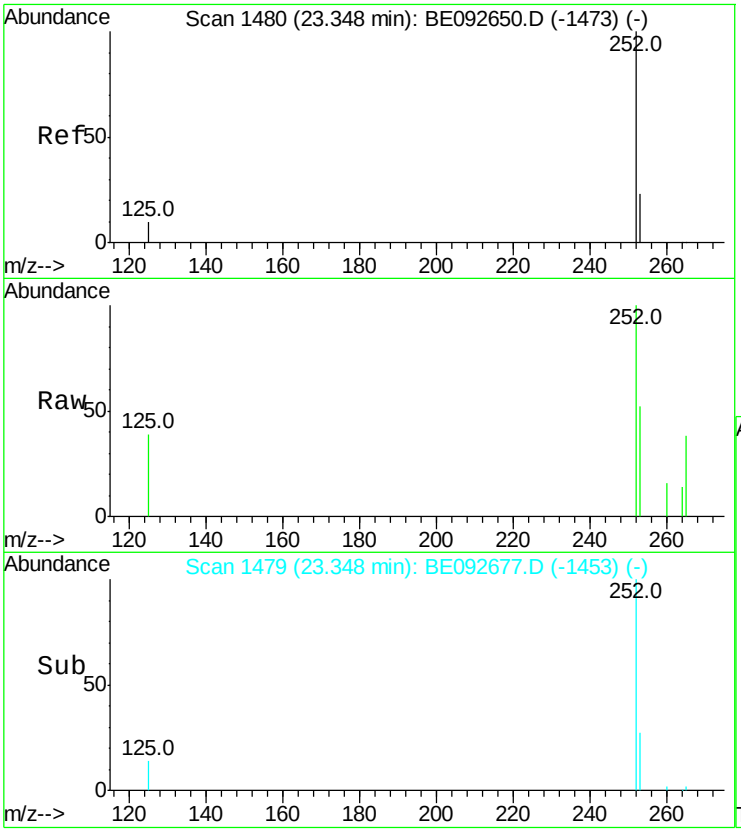


#31
Perylene-d12
Concen: 5.00 ng
RT: 24.07 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Tgt Ion:264 Resp: 64346

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	21.8	17.9	26.9



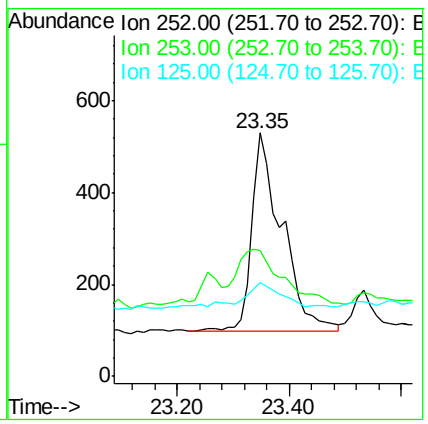


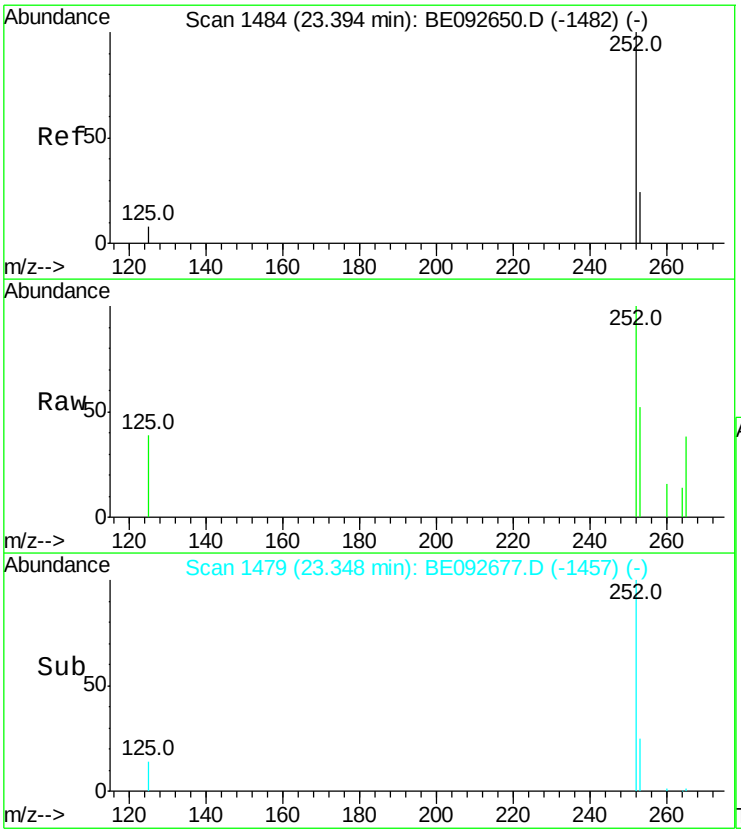
#32
Benzo(b)fluoranthene
Concen: 0.11 ng
RT: 23.35 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1635

Ion	Ratio	Lower	Upper
252	100		
253	51.9	18.7	28.1#
125	38.7	10.5	15.7#

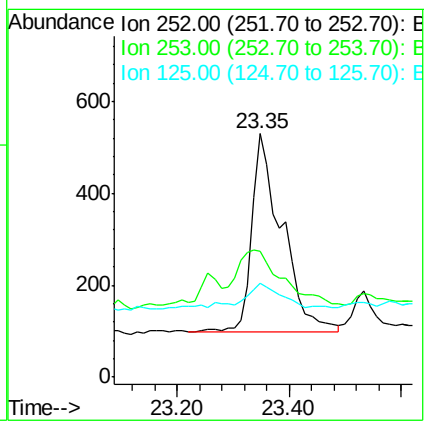


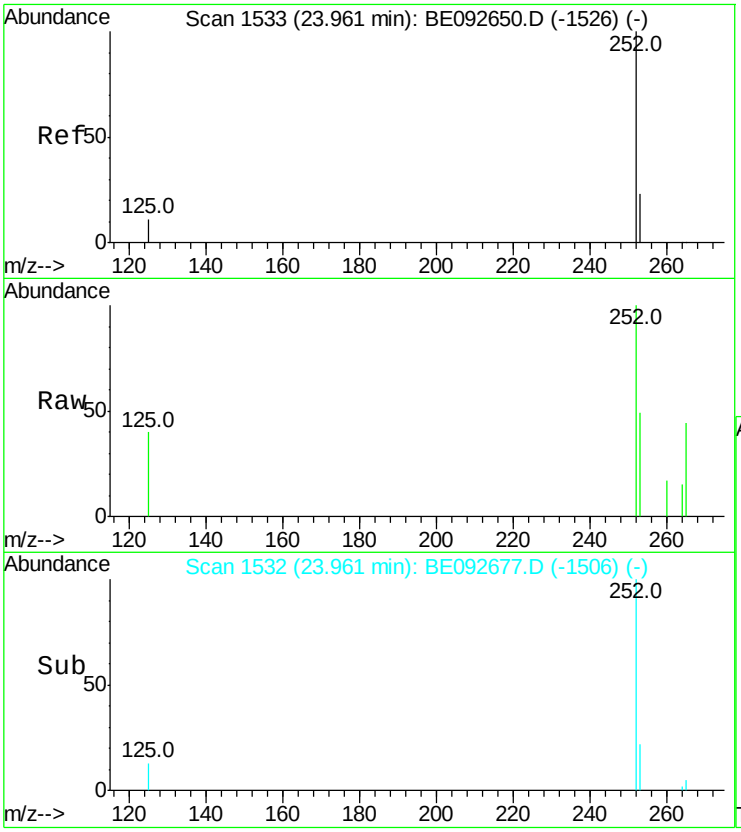


#33
Benzo(k)fluoranthene
Concen: 0.10 ng
RT: 23.35 min Scan# 1479
Delta R.T. -0.05 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Tgt Ion:252 Resp: 1635

Ion	Ratio	Lower	Upper
252	100		
253	51.9	20.3	30.5#
125	38.7	9.6	14.4#



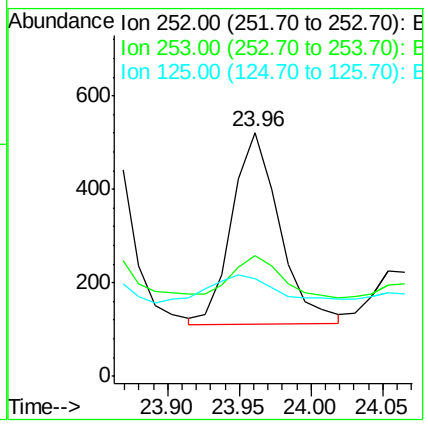


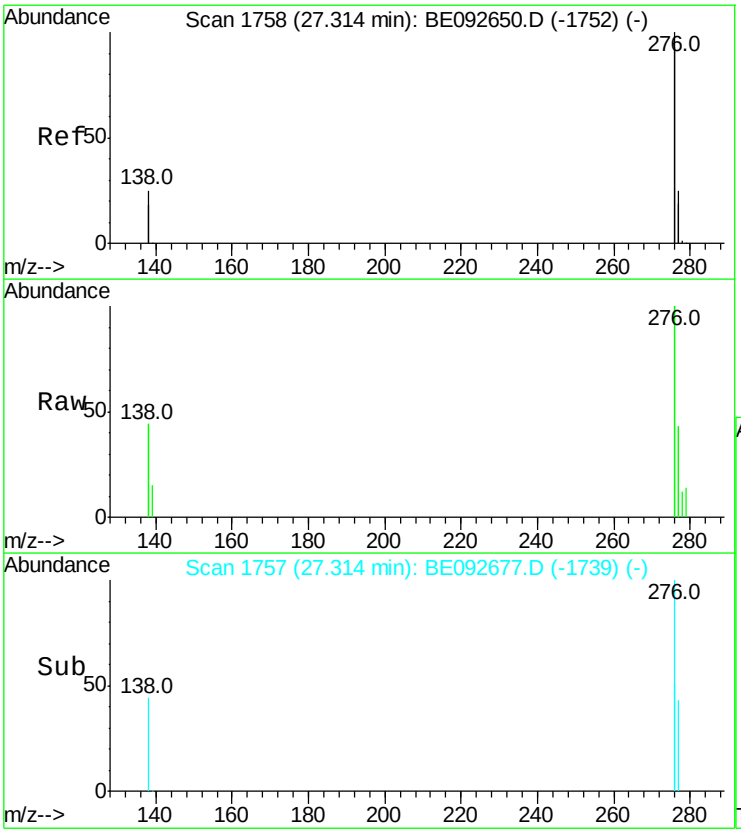
#34
Benzo(a)pyrene
Concen: 0.06 ng
RT: 23.96 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 948

Ion	Ratio	Lower	Upper
252	100		
253	49.3	19.0	28.6#
125	40.1	11.8	17.8#





#36
Benzo(g,h,i)perylene
Concen: 0.07 ng
RT: 27.31 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BE092677.D
Acq: 24 Jan 2017 22:18

Tgt Ion:276 Resp: 4221

Ion	Ratio	Lower	Upper
276	100		
277	42.8	19.8	29.8#
138	43.8	19.8	29.6#