Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012417\
Data File : BE092675.D
Acq On : 24 Jan 2017 21:03
Operator : UM/SJ
Sample : I1378-06 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 25 11:08:34 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	8009	5.00	ng		0.00
7) Naphthalene-d8	10.93	136	35892	5.00	ng		0.02
12) Acenaphthene-d10	14.78	164	25617	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	57578	5.00	ng		0.00
24) Chrysene-d12	21.72	240	70164	5.00	ng		0.00
31) Perylene-d12	24.06	264	67434	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.66	112	1274	0.71	ng		0.01
5) Phenol-d6	7.34	99	1465	0.67	ng		0.00
8) Nitrobenzene-d5	9.48	82	543	0.23	ng		0.14
13) 2,4,6-Tribromophenol	16.34	330	424	0.68	ng		0.05
14) 2-Fluorobiphenyl	13.44	172	2451	0.39	ng		0.02
26) Terphenyl-d14	20.16	244	3609	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	39	Below Cal		#	19
19) Hexachlorobenzene	16.71	284	533	0.20	ng	#	39
21) Phenanthrene	17.58	178	717	0.06	ng		95
23) Fluoranthene	19.60	202	6876	0.12	ng		99
25) Pyrene	19.95	202	6361	0.09	ng	#	92
27) Benzo(a)anthracene	21.75	228	9010	0.13	ng	#	85
28) Chrysene	21.75	228	9010	0.12	ng	#	81
29) Bis(2-ethylhexyl)phthalate	21.61	149	185	0.22	ng	#	66
30) Indeno(1,2,3-cd)pyrene	26.58	276	2482	0.03	ng		94
32) Benzo(b)fluoranthene	23.36	252	1800	0.11	ng	#	71
33) Benzo(k)fluoranthene	23.36	252	1800	0.11	ng	#	73
34) Benzo(a)pyrene	23.96	252	899	0.06	ng	#	61
36) Benzo(g,h,i)perylene	27.35	276	2764	0.04	ng	#	62

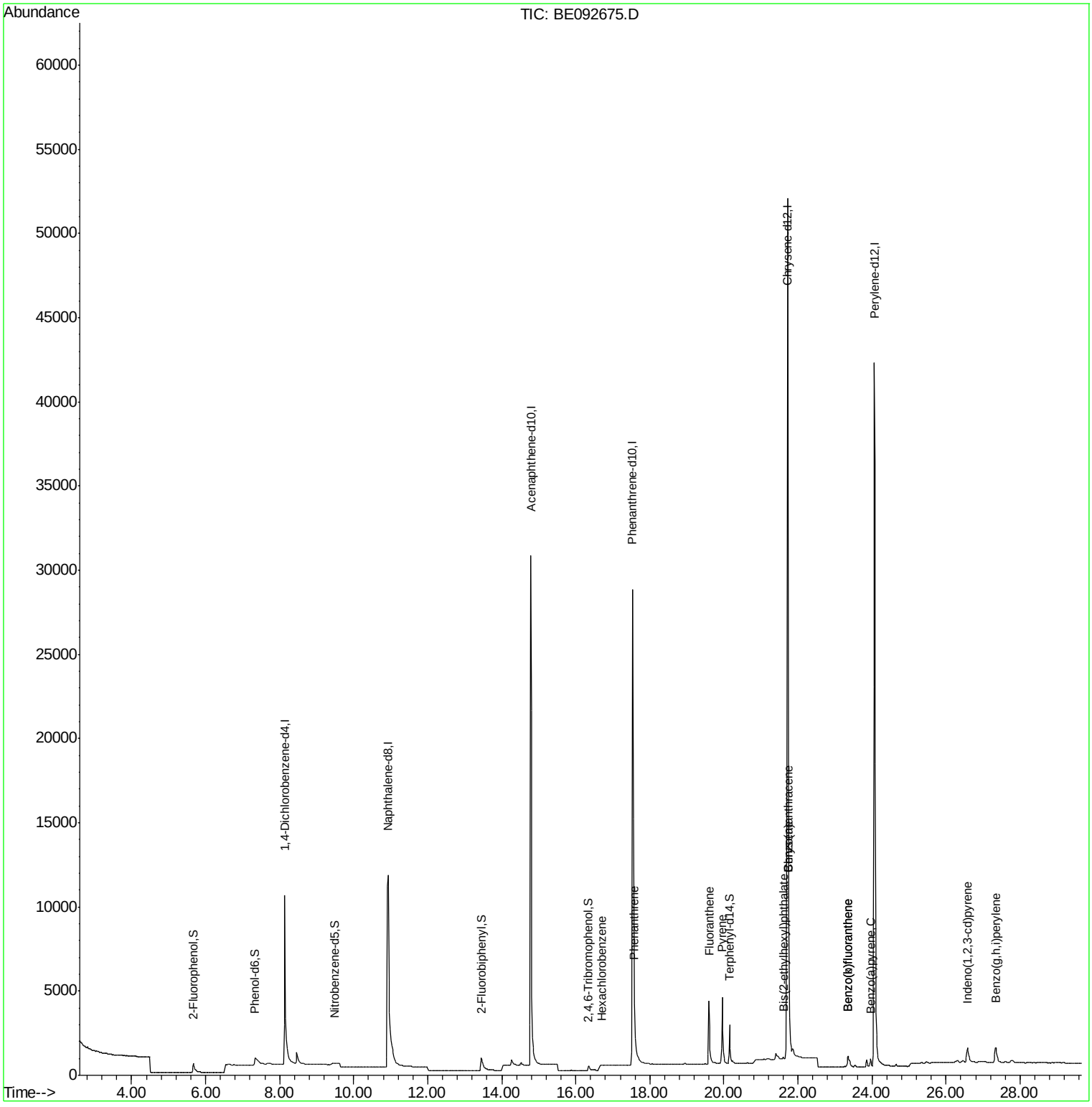
(#) = qualifier out of range (m) = manual integration (+) = signals summed

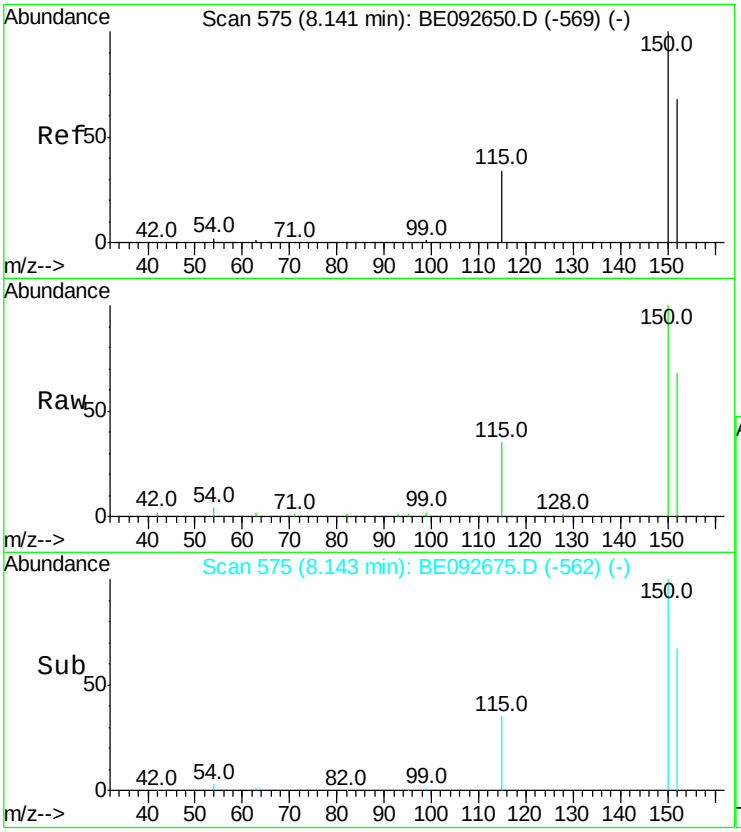
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012417\
Data File : BE092675.D
Acq On : 24 Jan 2017 21:03
Operator : UM/SJ
Sample : I1378-06 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 25 11:08:34 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



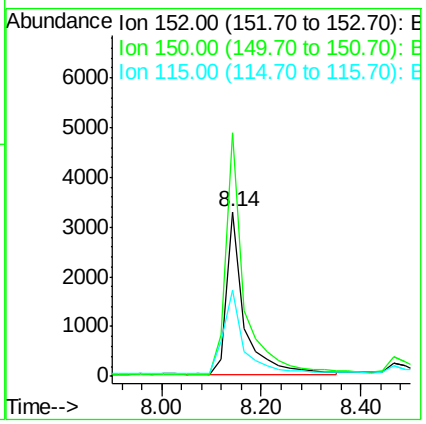


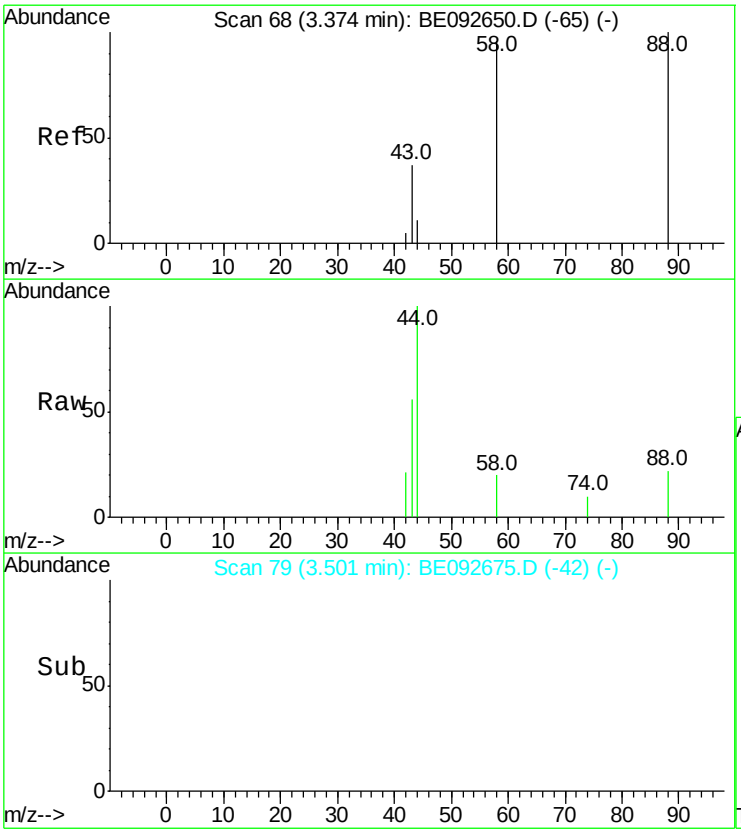
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8009

Ion	Ratio	Lower	Upper
152	100		
150	147.7	106.0	159.0
115	52.2	31.2	46.8#

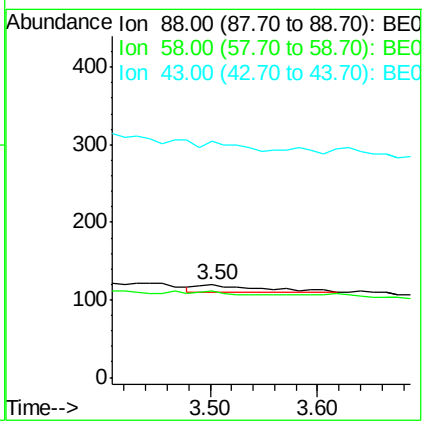


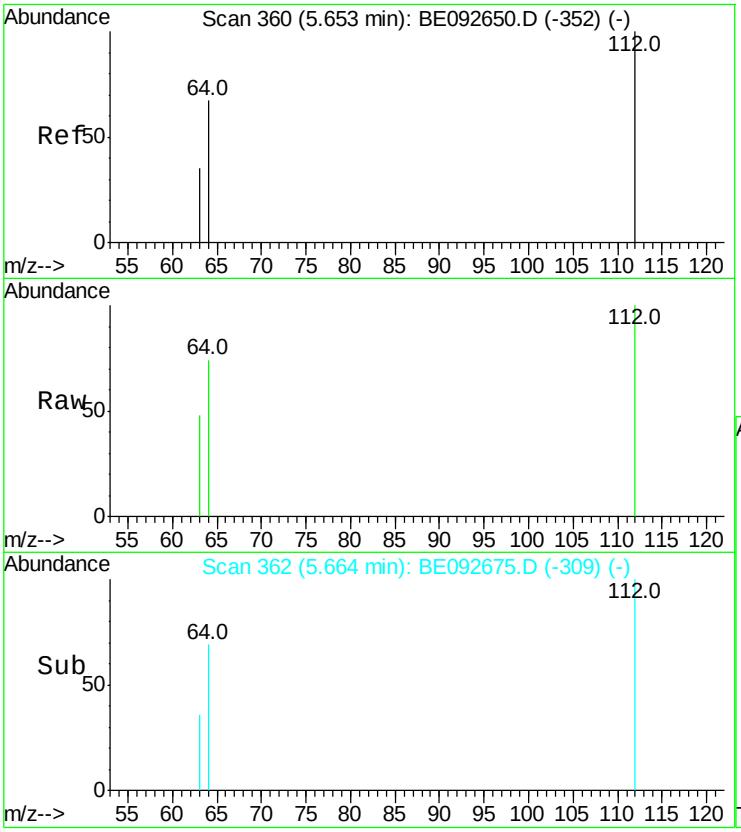


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.50 min Scan# 79
Delta R.T. 0.13 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Tgt Ion: 88 Resp: 39

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



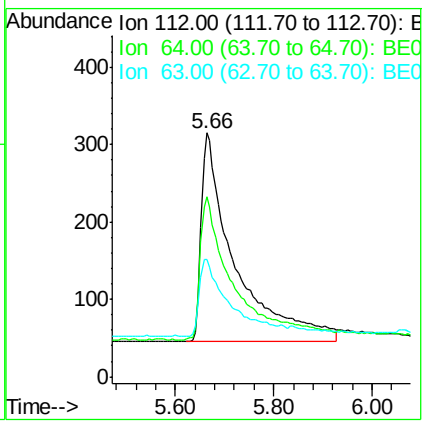


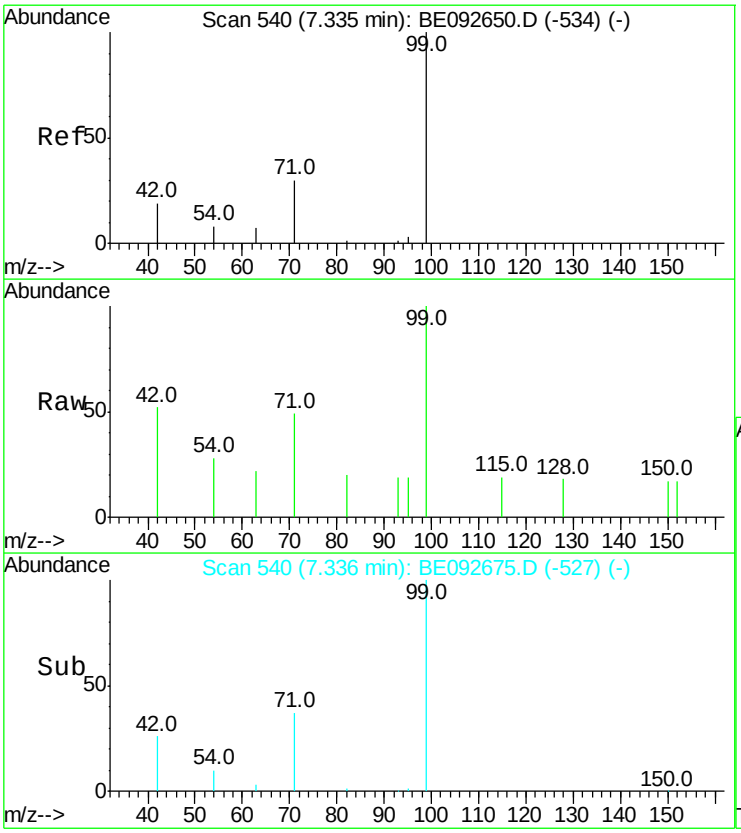
#4
2-Fluorophenol
Concen: 0.71 ng
RT: 5.66 min Scan# 362
Delta R.T. 0.01 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 1274

Ion	Ratio	Lower	Upper
112	100		
64	69.0	53.5	80.3
63	33.3	27.9	41.9

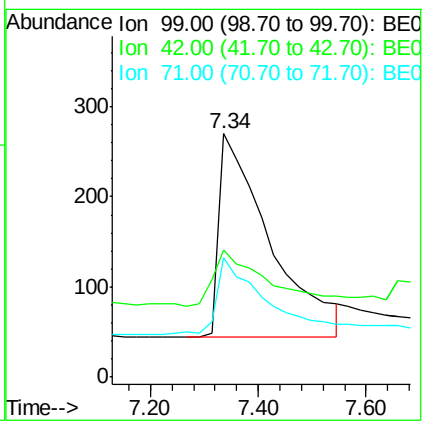


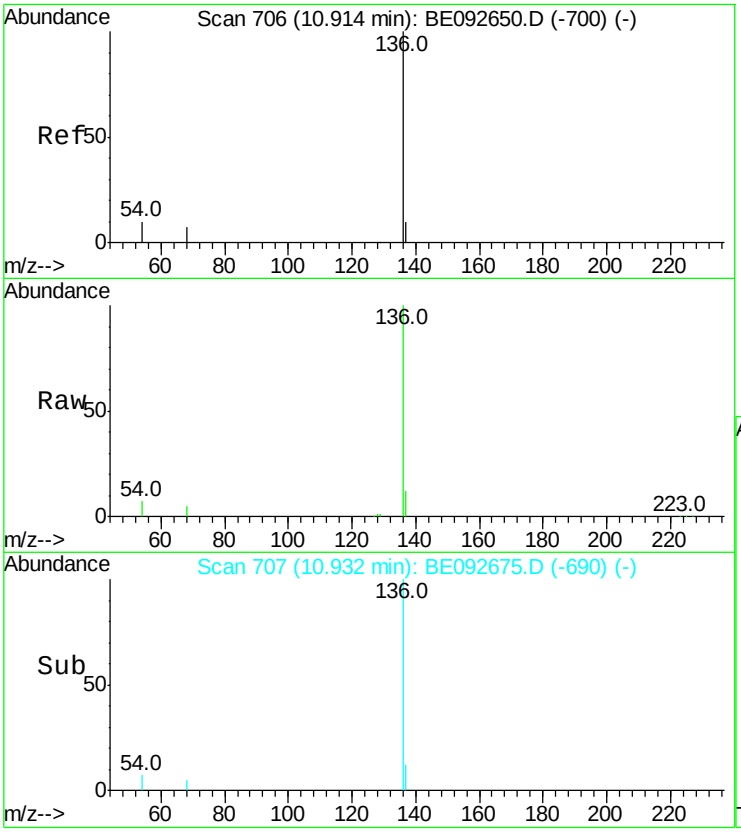


#5
Phenol-d6
Concen: 0.67 ng
RT: 7.34 min Scan# 540
Delta R.T. 0.00 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Tgt Ion: 99 Resp: 1465

Ion	Ratio	Lower	Upper
99	100		
42	28.2	16.0	24.0#
71	36.7	30.6	45.8



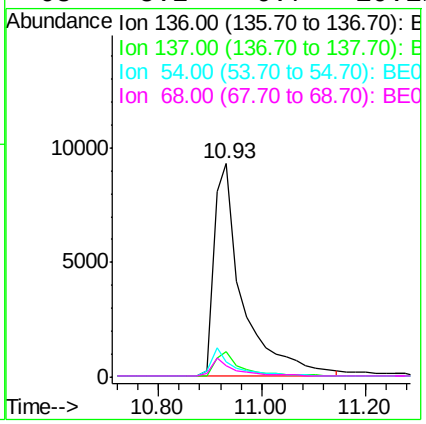


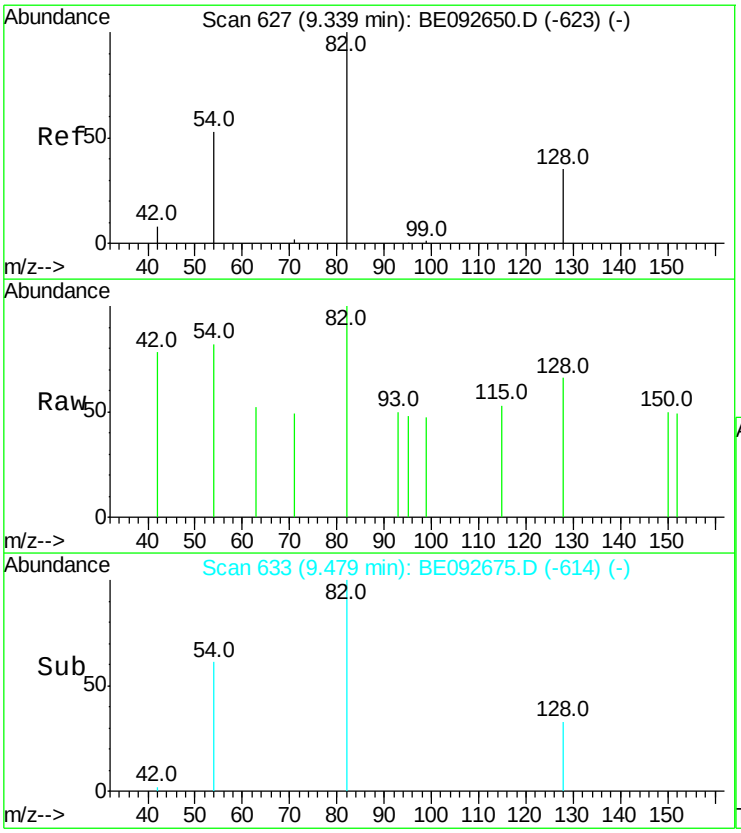
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.93 min Scan# 707
Delta R.T. 0.02 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 35892

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.2	12.4
54	7.4	9.6	14.4#
68	5.2	6.7	10.1#

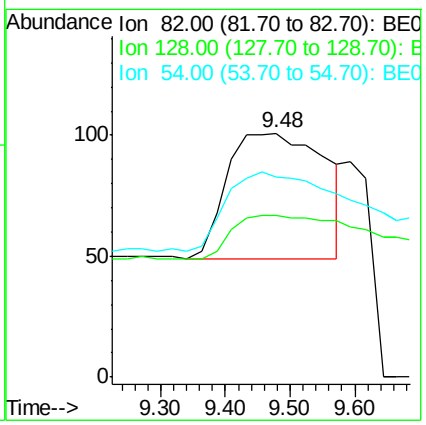


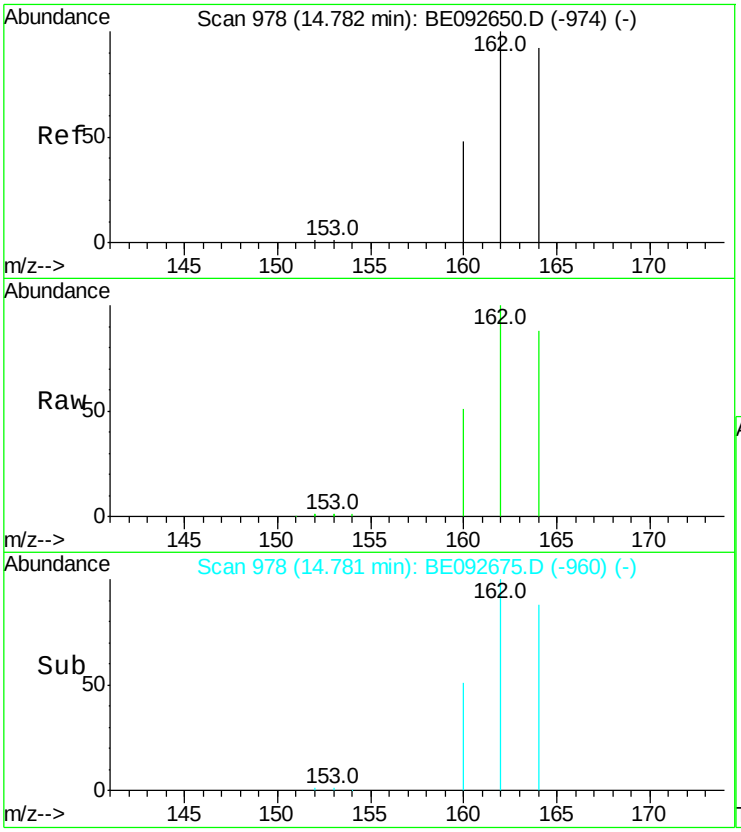


#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 9.48 min Scan# 633
Delta R.T. 0.14 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Tgt Ion: 82 Resp: 543

Ion	Ratio	Lower	Upper
82	100		
128	66.3	39.0	58.4#
54	82.2	44.8	67.2#



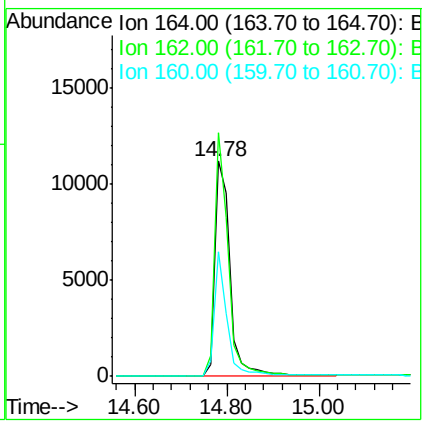


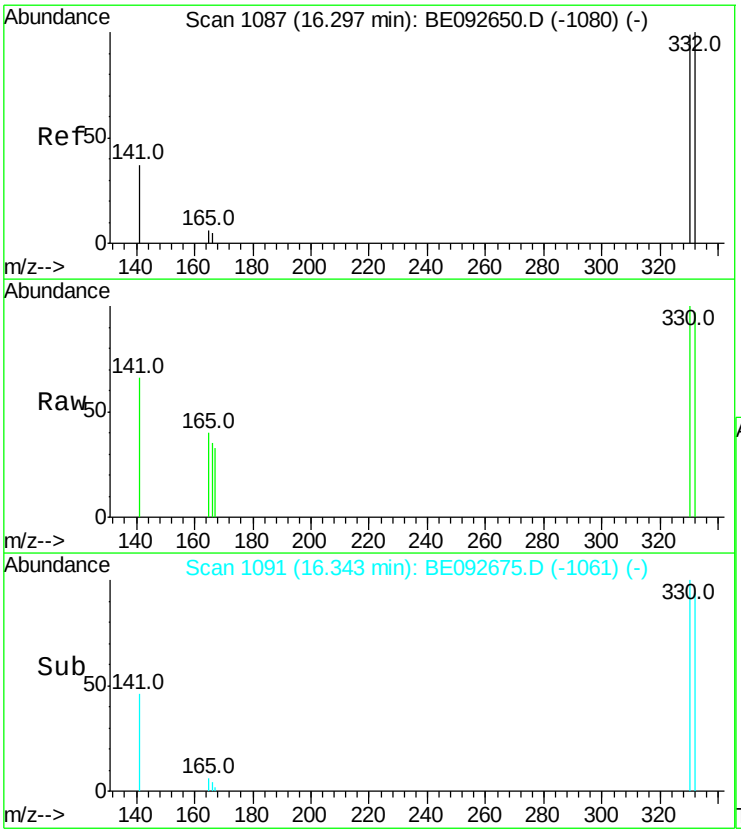
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. -0.00 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 25617

Ion	Ratio	Lower	Upper
164	100		
162	113.2	71.4	107.0#
160	58.0	27.4	41.2#

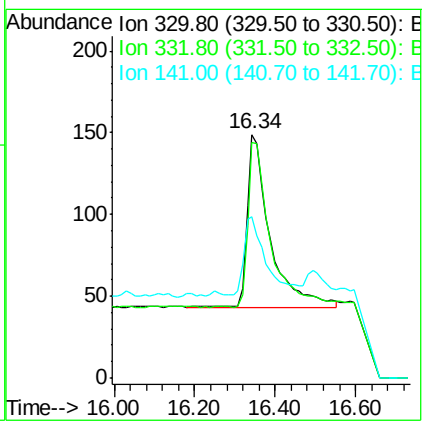


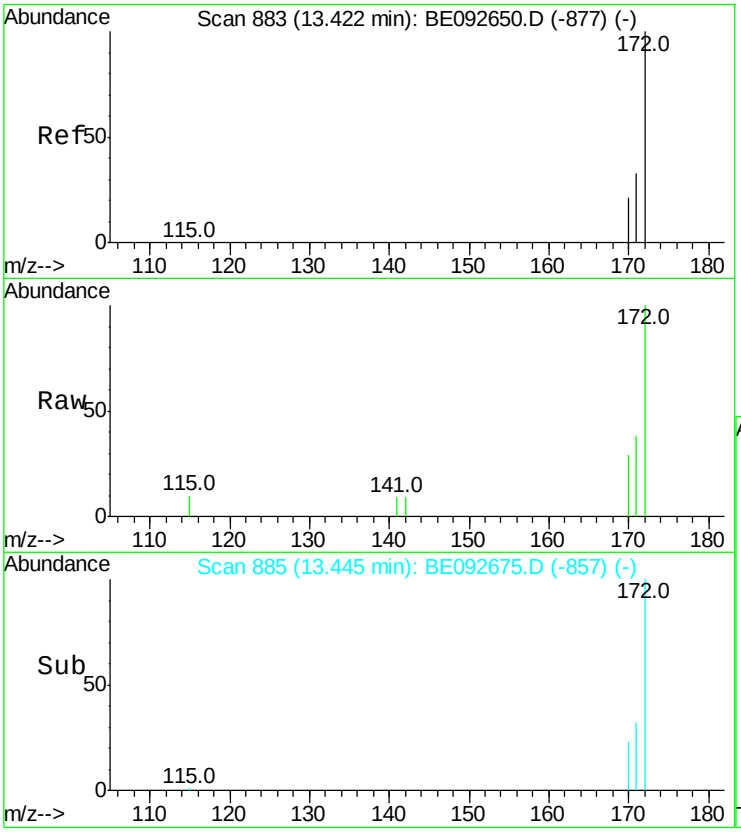


#13
2,4,6-Tribromophenol
Concen: 0.68 ng
RT: 16.34 min Scan# 1091
Delta R.T. 0.05 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Tgt Ion:330 Resp: 424

Ion	Ratio	Lower	Upper
330	100		
332	93.6	75.4	113.0
141	42.0	31.0	46.6



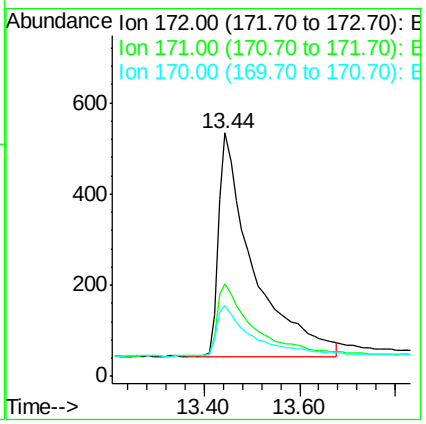


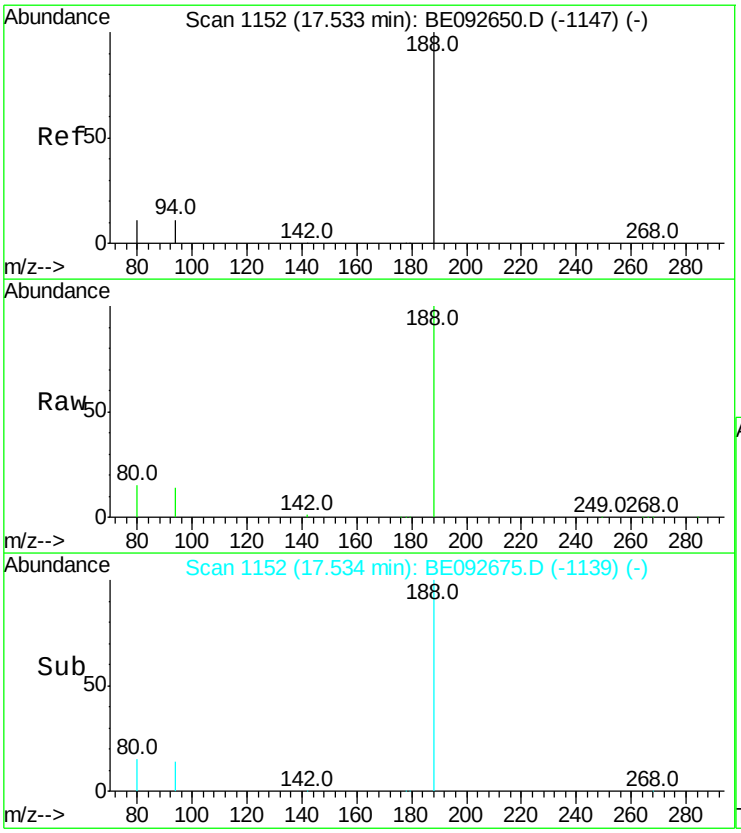
#14
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.44 min Scan# 885
Delta R.T. 0.02 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 2451

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.1	45.1
170	29.2	21.8	32.6

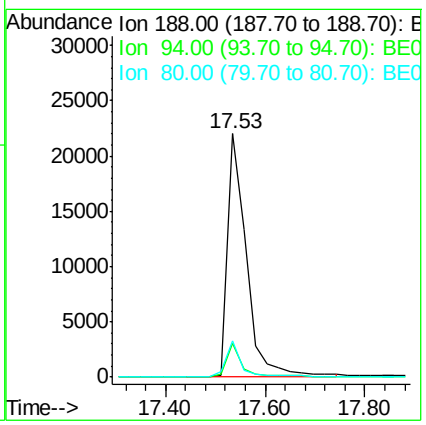


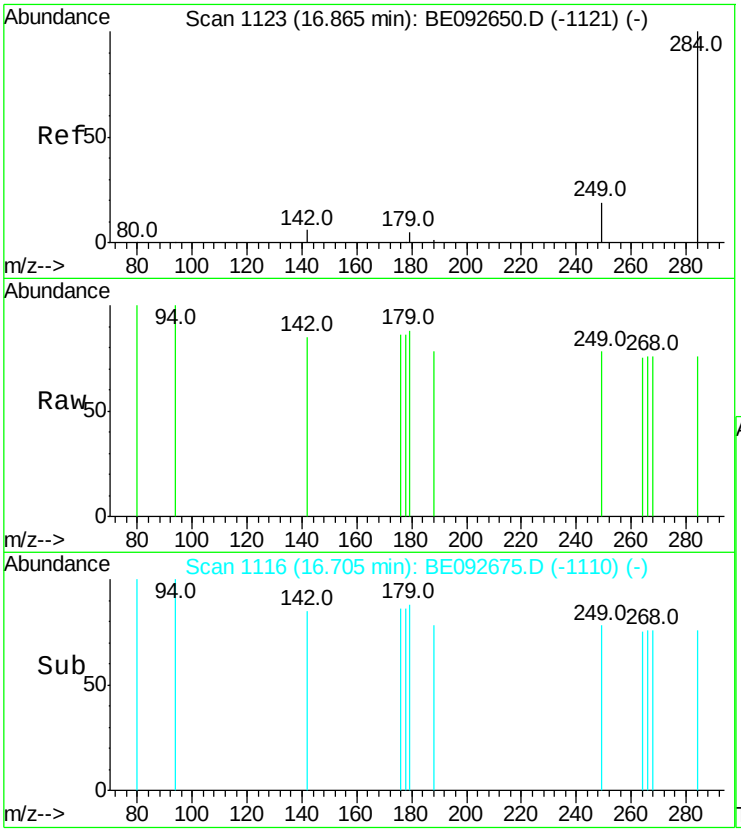


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Tgt Ion:188 Resp: 57578

Ion	Ratio	Lower	Upper
188	100		
94	13.9	3.2	4.8#
80	14.8	2.6	3.8#



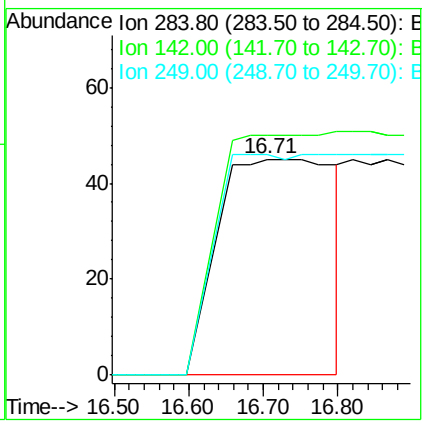


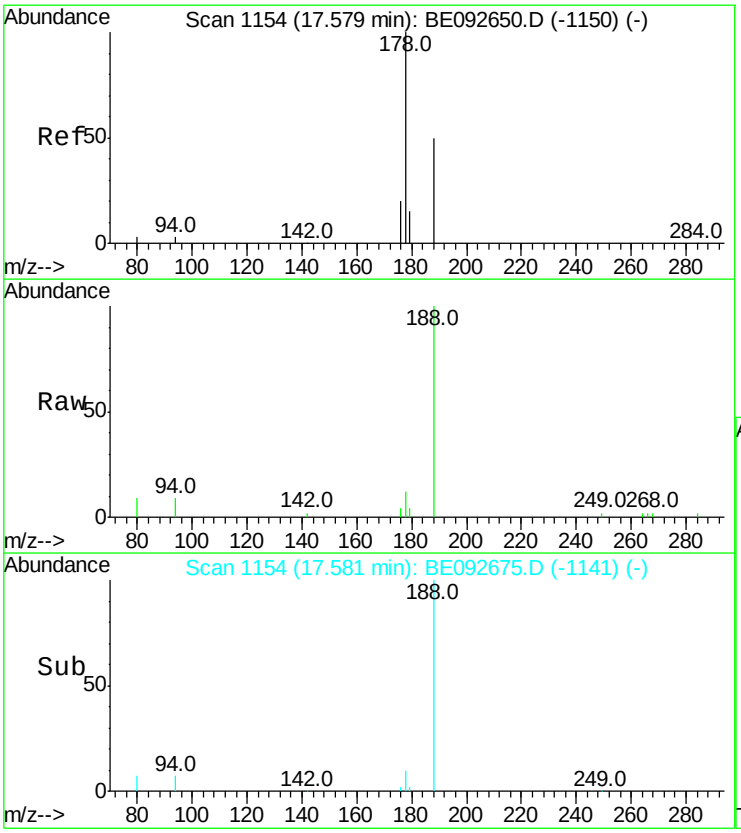
#19
Hexachlorobenzene
Concen: 0.20 ng
RT: 16.71 min Scan# 1116
Delta R.T. -0.16 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 533

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

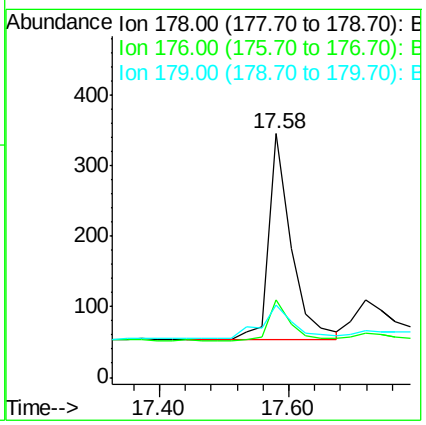


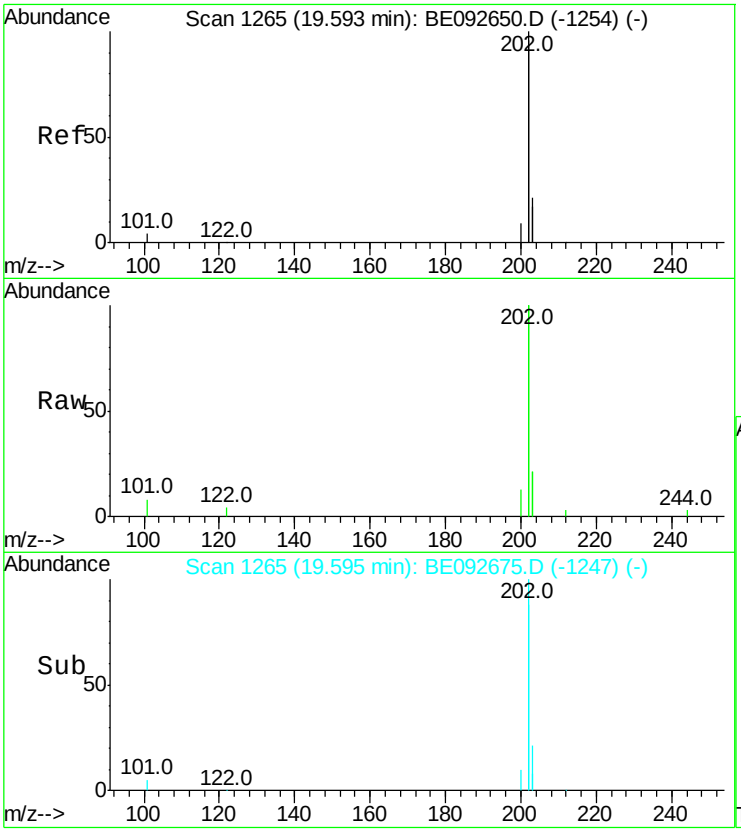


#21
Phenanthrene
Concen: 0.06 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Tgt Ion:178 Resp: 717

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	22.9	16.0	24.0



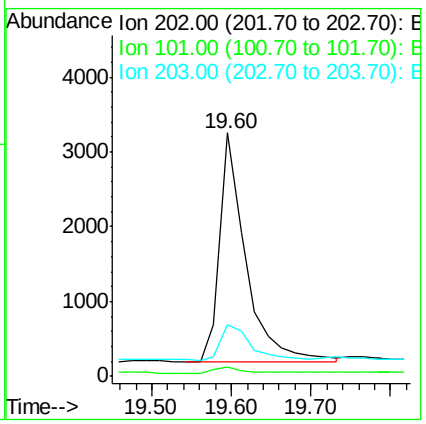


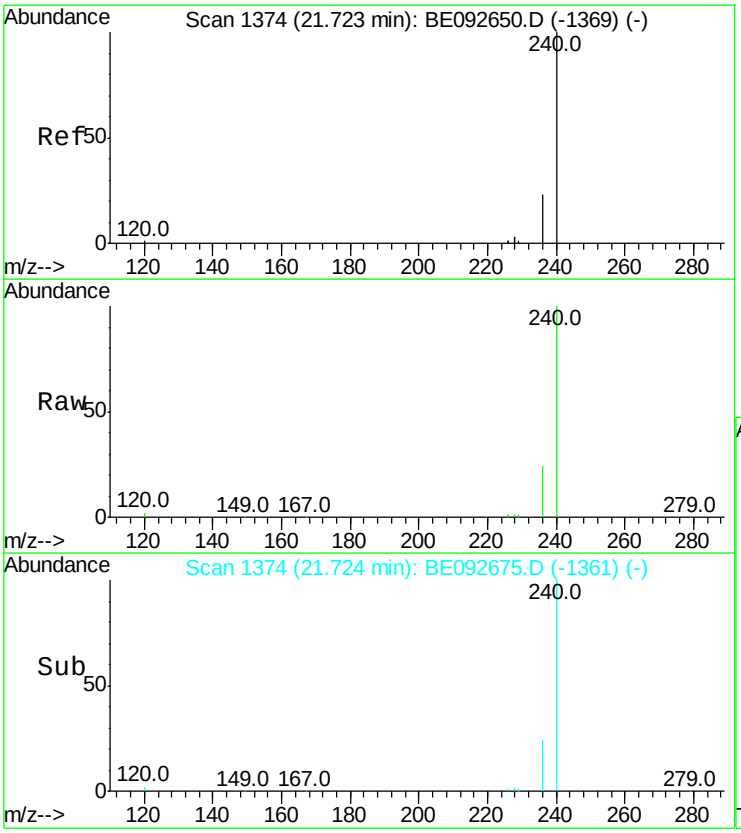
#23
Fluoranthene
Concen: 0.12 ng
RT: 19.60 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 6876

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	16.6	13.7	20.5

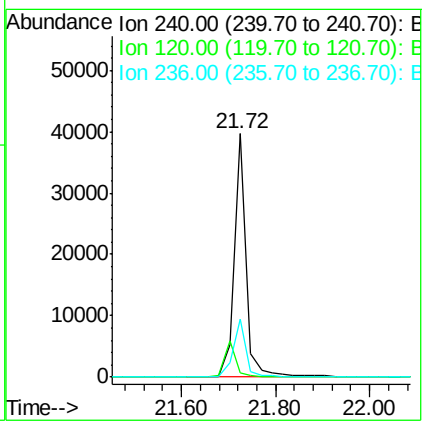


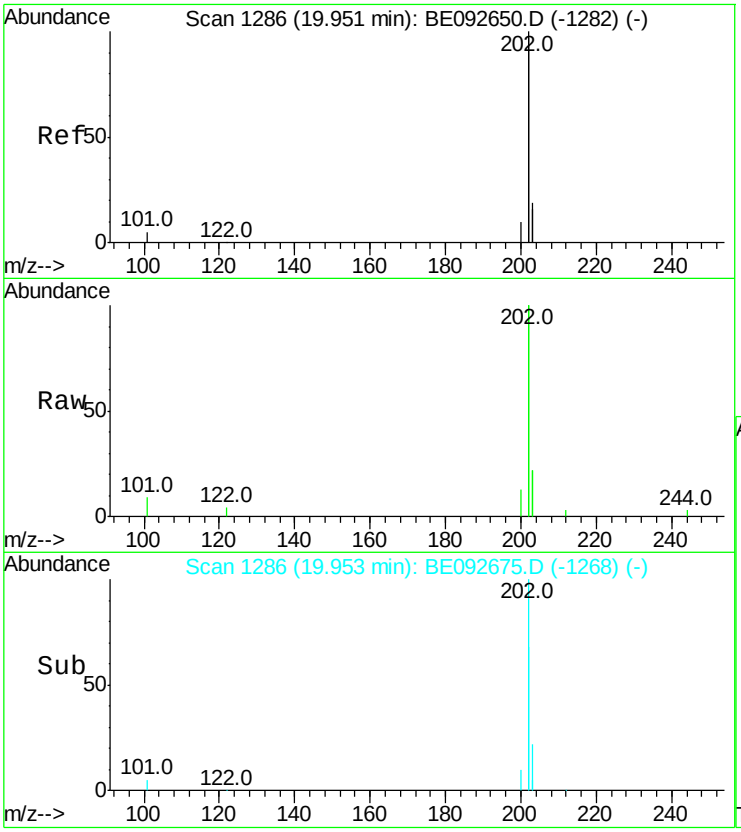


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Tgt Ion:240 Resp: 70164

Ion	Ratio	Lower	Upper
240	100		
120	1.9	2.6	4.0#
236	23.7	24.6	37.0#



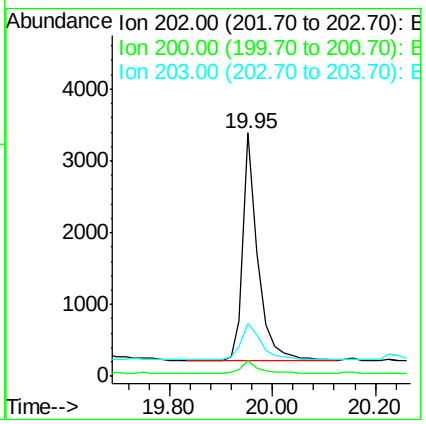


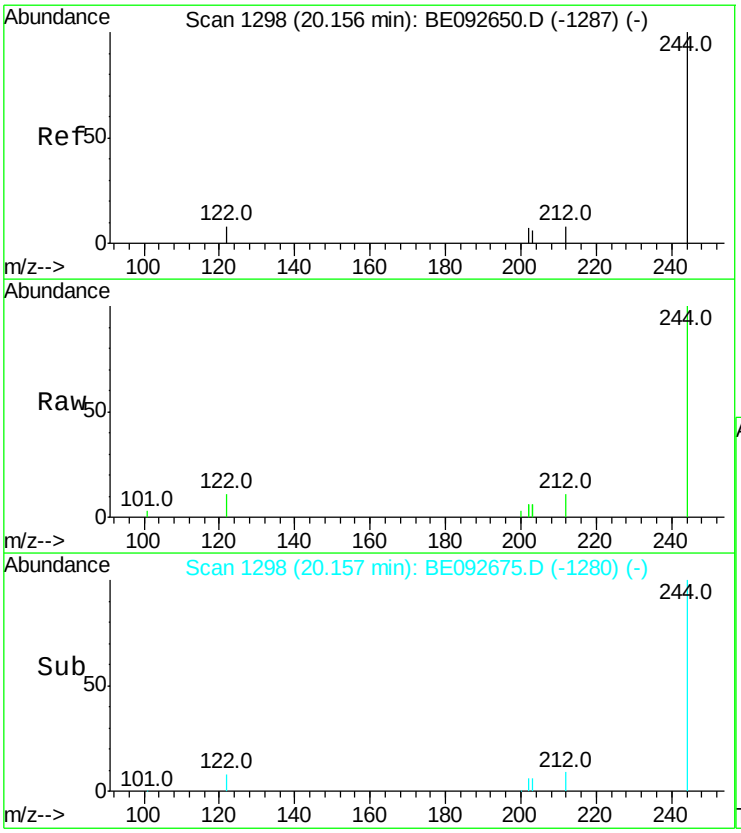
#25
Pyrene
Concen: 0.09 ng
RT: 19.95 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 6361

Ion	Ratio	Lower	Upper
202	100		
200	5.6	4.2	6.4
203	21.8	13.9	20.9#

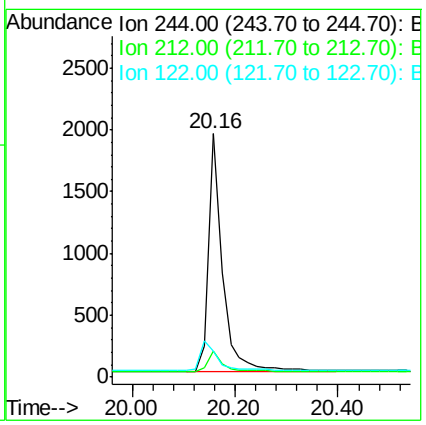


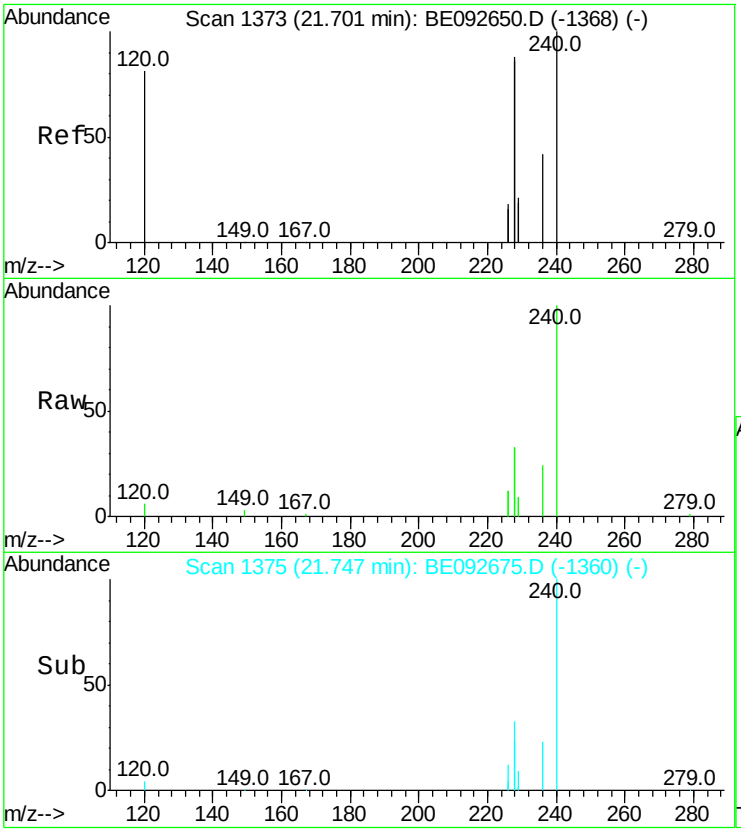


#26
Terphenyl-d14
Concen: 0.36 ng
RT: 20.16 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Tgt Ion:244 Resp: 3609

Ion	Ratio	Lower	Upper
244	100		
212	10.7	6.7	10.1#
122	10.6	3.6	5.4#



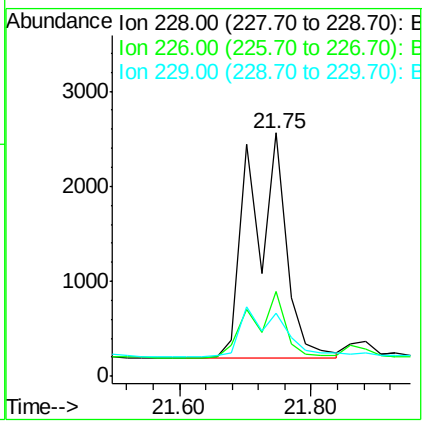


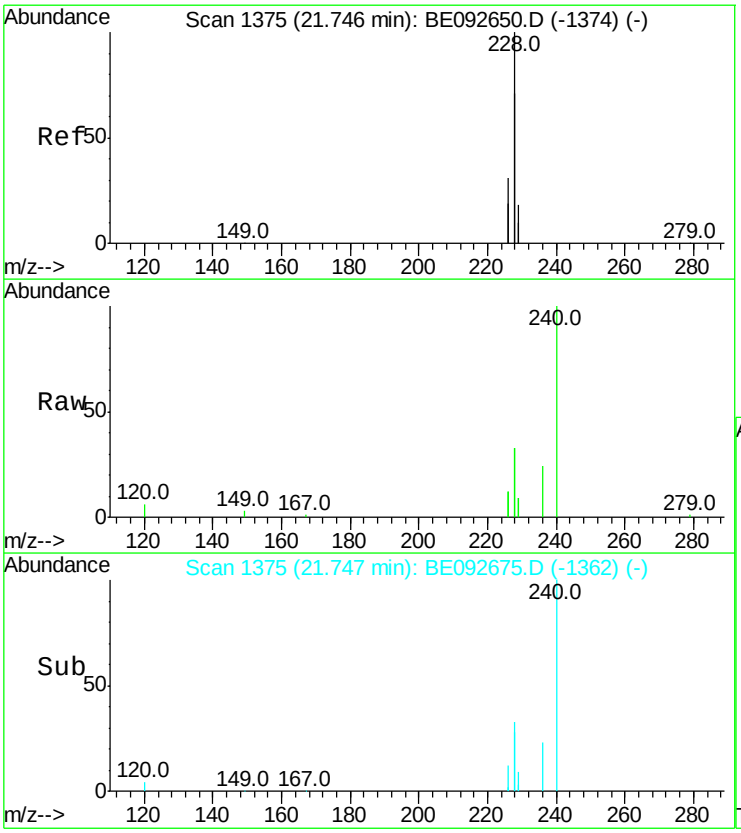
#27
Benzo(a)anthracene
Concen: 0.13 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.05 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 9010

Ion	Ratio	Lower	Upper
228	100		
226	35.1	23.6	35.4
229	26.0	13.3	19.9#

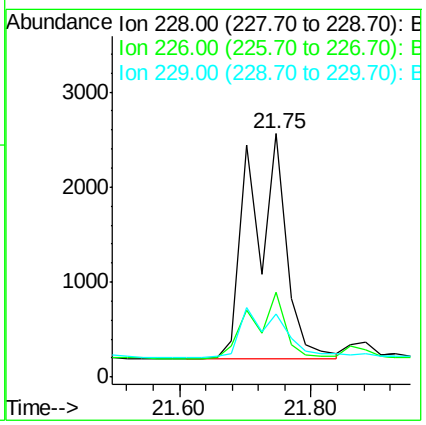


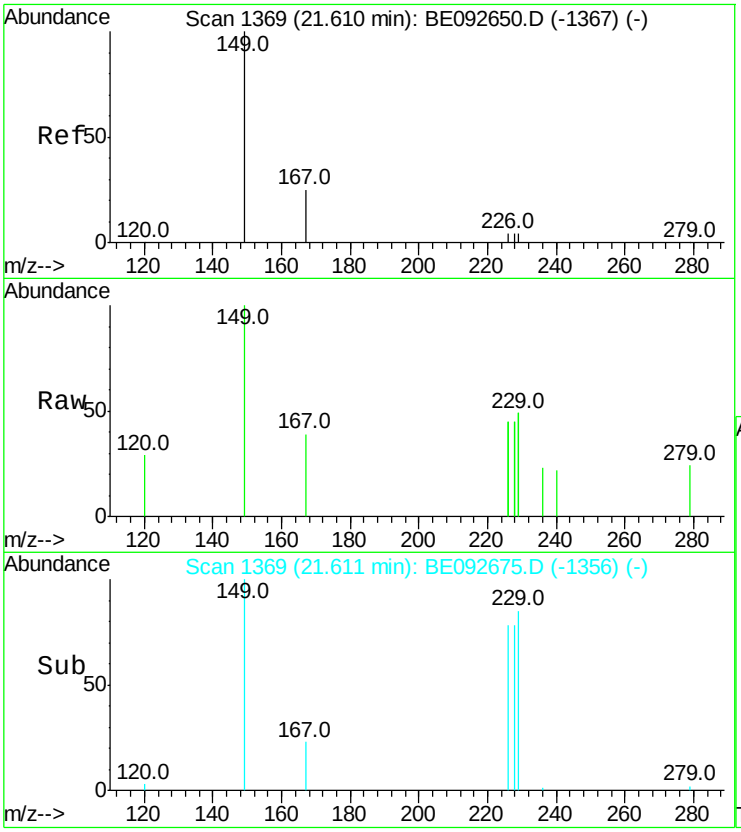


#28
Chrysene
Concen: 0.12 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Tgt Ion:228 Resp: 9010

Ion	Ratio	Lower	Upper
228	100		
226	35.1	36.3	54.5#
229	26.0	10.6	16.0#



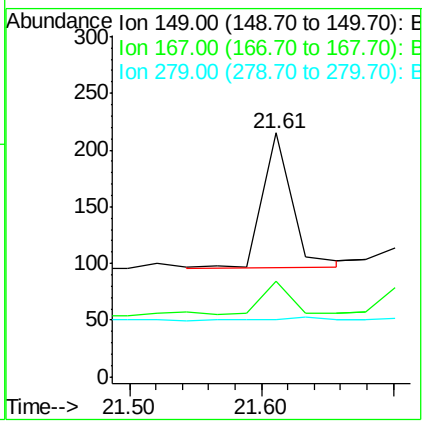


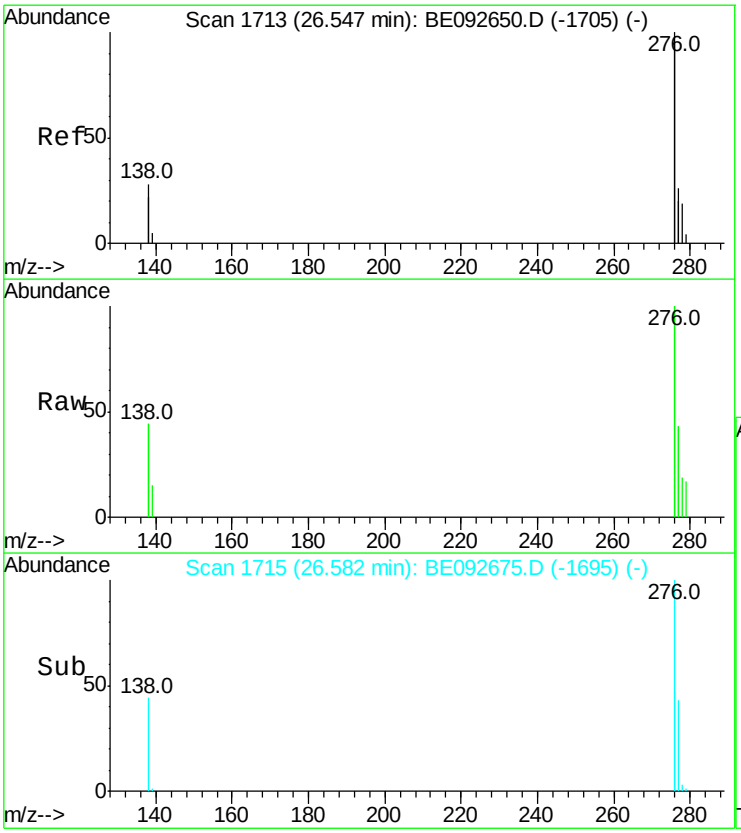
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.22 ng
RT: 21.61 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 185

Ion	Ratio	Lower	Upper
149	100		
167	30.8	16.0	24.0#
279	0.0	16.0	24.0#

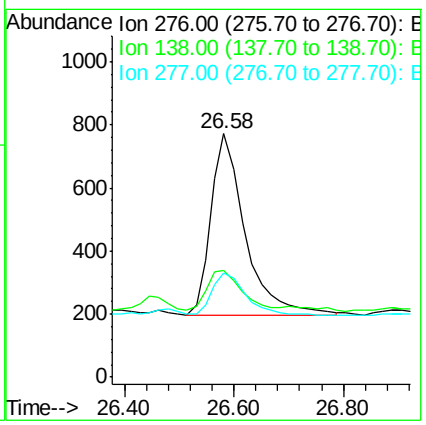


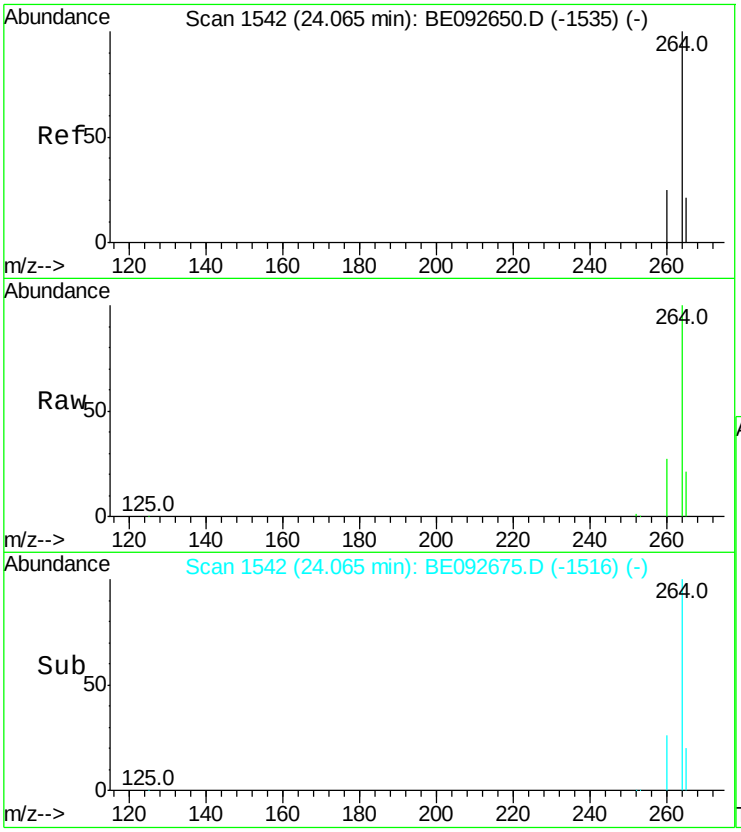


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 26.58 min Scan# 1715
Delta R.T. 0.03 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Tgt Ion:276 Resp: 2482

Ion	Ratio	Lower	Upper
276	100		
138	21.5	20.3	30.5
277	22.3	19.7	29.5



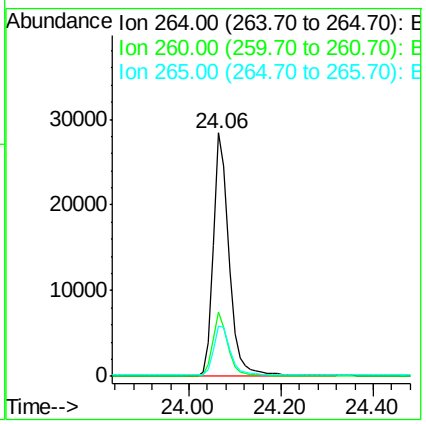


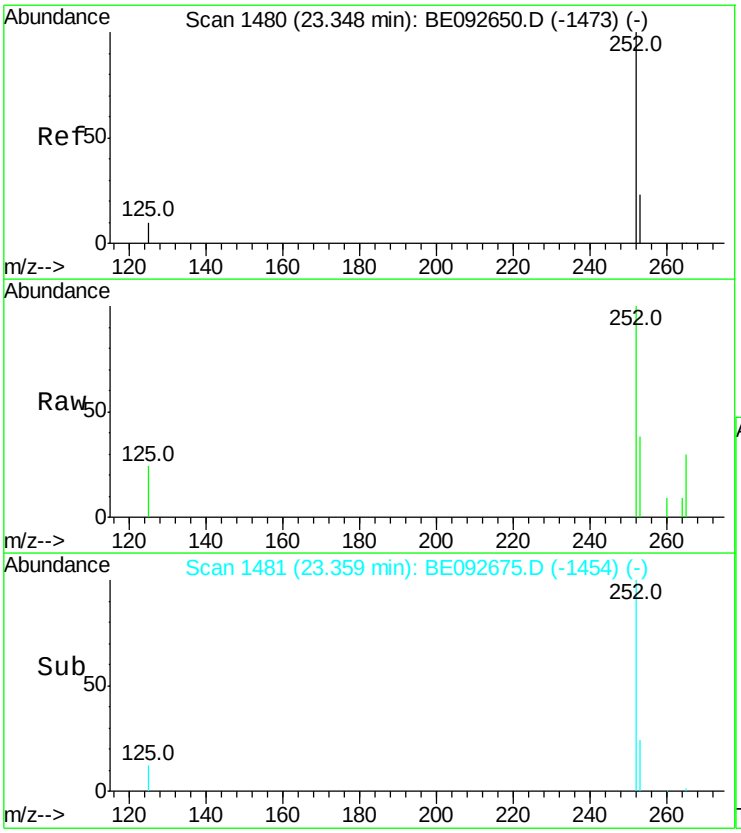
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 67434

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.1	30.1
265	20.7	17.9	26.9

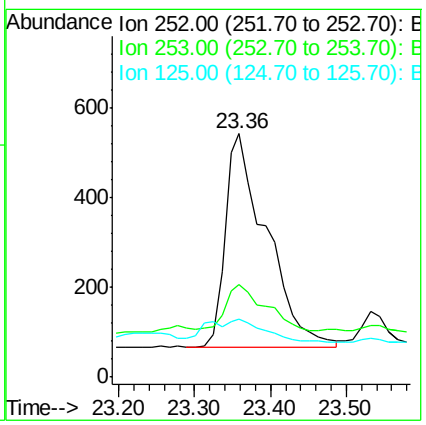


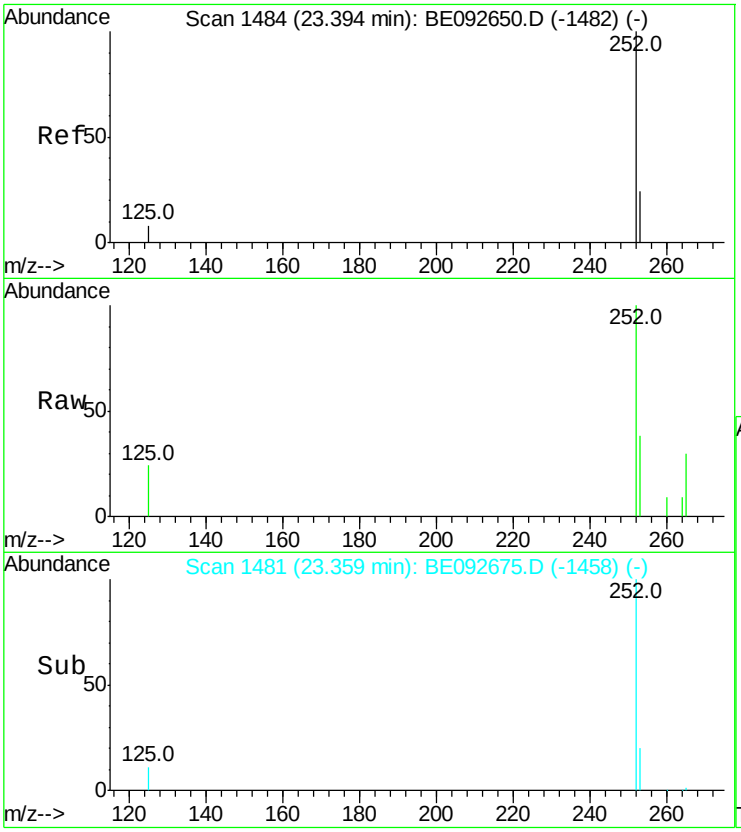


#32
Benzo(b)fluoranthene
Concen: 0.11 ng
RT: 23.36 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Tgt Ion:252 Resp: 1800

Ion	Ratio	Lower	Upper
252	100		
253	38.3	18.7	28.1#
125	23.8	10.5	15.7#



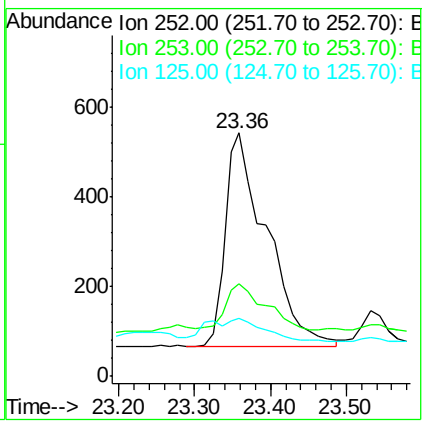


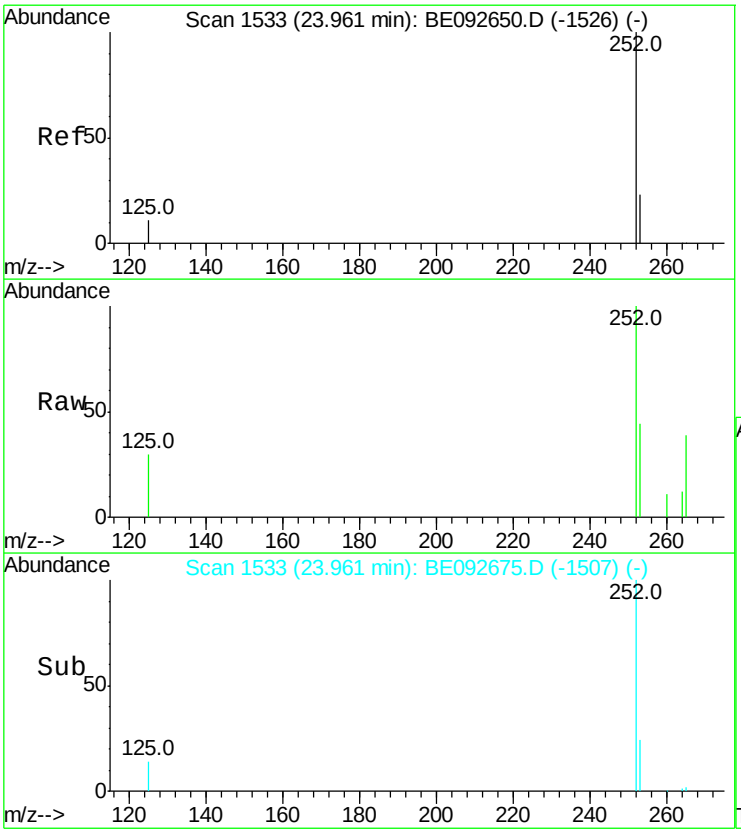
#33
Benzo(k)fluoranthene
Concen: 0.11 ng
RT: 23.36 min Scan# 1481
Delta R.T. -0.03 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1800

Ion	Ratio	Lower	Upper
252	100		
253	38.3	20.3	30.5#
125	23.8	9.6	14.4#

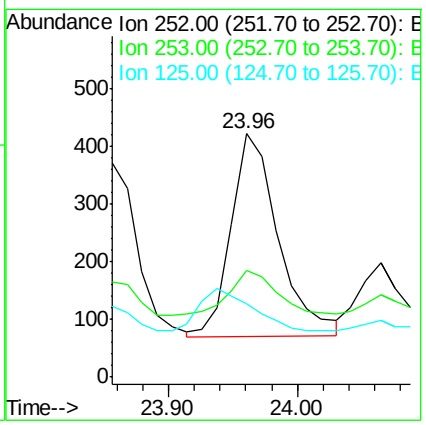


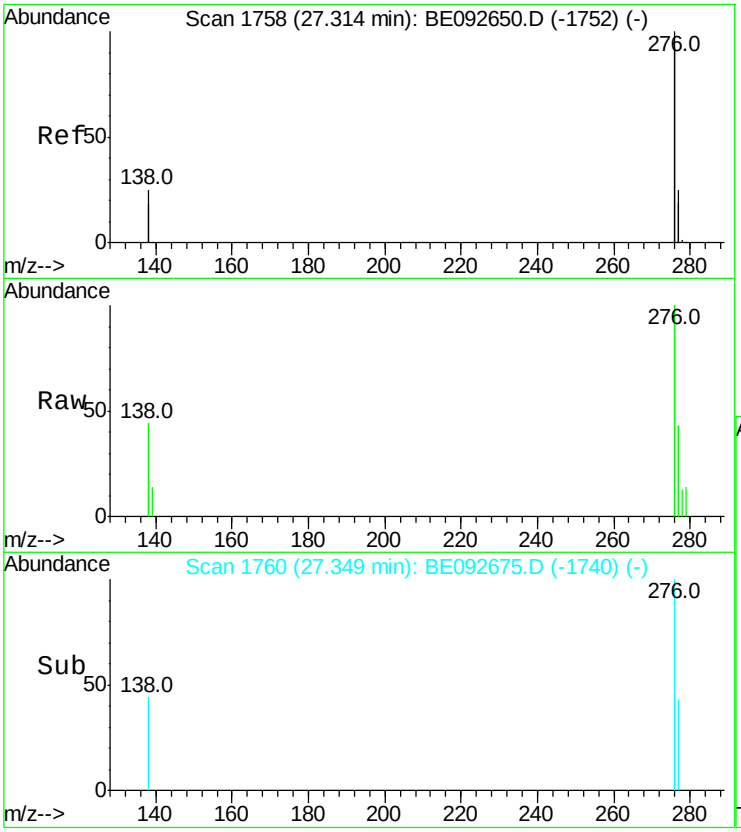


#34
Benzo(a)pyrene
Concen: 0.06 ng
RT: 23.96 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Tgt Ion:252 Resp: 899

Ion	Ratio	Lower	Upper
252	100		
253	43.6	19.0	28.6#
125	29.9	11.8	17.8#





#36
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 27.35 min Scan# 1760
Delta R.T. 0.03 min
Lab File: BE092675.D
Acq: 24 Jan 2017 21:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 2764

Ion	Ratio	Lower	Upper
276	100		
277	43.5	19.8	29.8#
138	44.0	19.8	29.6#