Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021017\
Data File : BE092723.D
Acq On : 10 Feb 2017 16:05
Operator : SJ/MA
Sample : I1744-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : KY038PS033-170206

Quant Time: Feb 10 17:08:08 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	8.12	152	9631	5.00	ng	-0.02
7) Naphthalene-d8	10.89	136	39695	5.00	ng	-0.02
12) Acenaphthene-d10	14.78	164	24379	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	46775	5.00	ng	0.00
24) Chrysene-d12	21.70	240	66809	5.00	ng	-0.02
31) Perylene-d12	24.04	264	62789	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.62	112	8696	4.04	ng	-0.03
5) Phenol-d6	7.29	99	6083	2.31	ng	-0.05
8) Nitrobenzene-d5	9.29	82	14255	5.53	ng	-0.05
13) 2,4,6-Tribromophenol	16.27	330	6836	9.47	ng	-0.02
14) 2-Fluorobiphenyl	13.40	172	33803	5.64	ng	-0.02
26) Terphenyl-d14	20.14	244	42759	4.53	ng	-0.02
Target Compounds						Qvalue
21) Phenanthrene	17.58	178	509	0.05	ng	# 72
23) Fluoranthene	19.58	202	3527	0.08	ng	100
25) Pyrene	19.93	202	3214	0.05	ng	97
29) Bis(2-ethylhexyl)phthalate	21.59	149	882	0.27	ng	# 56

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

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011617.M
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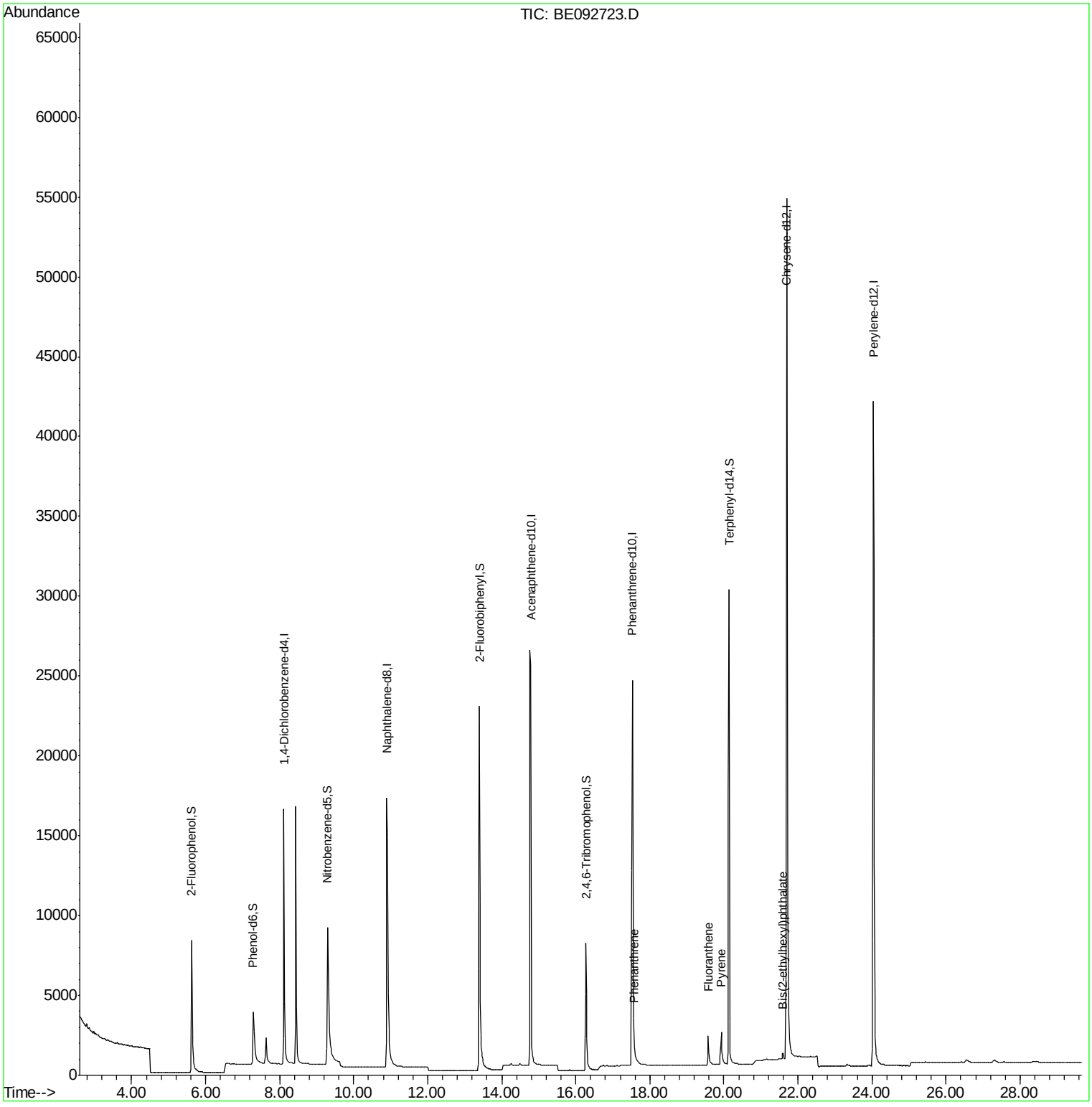
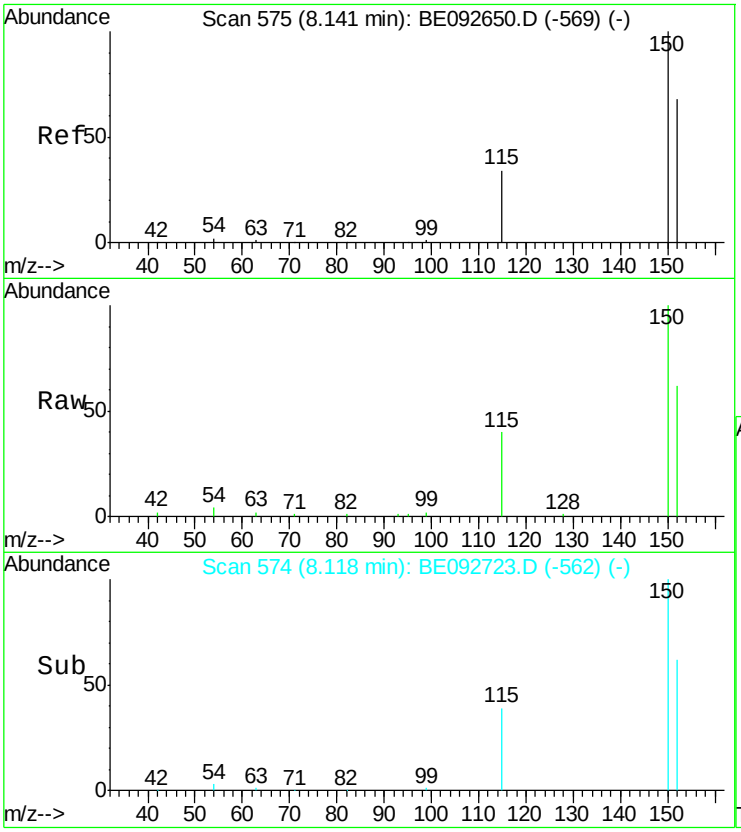


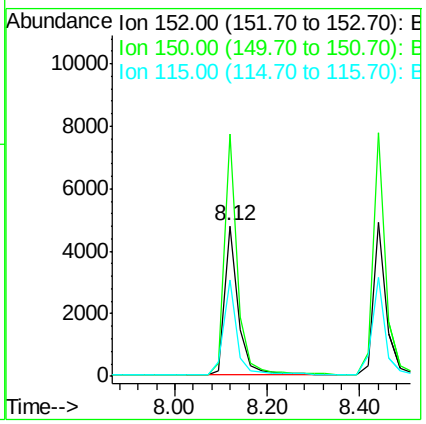


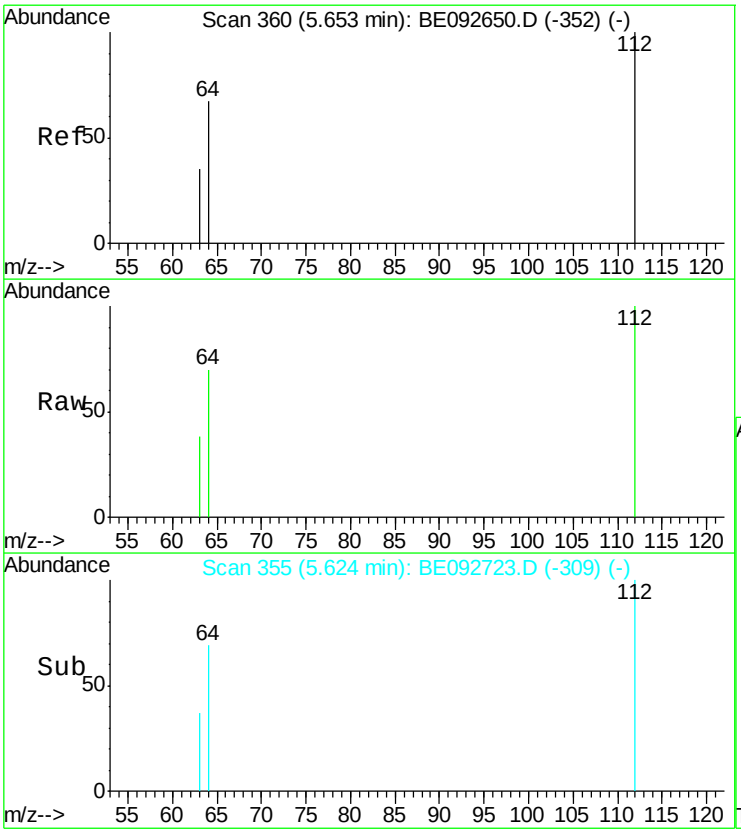
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.12 min Scan# 574
Delta R.T. -0.02 min
Lab File: BE092723.D
Acq: 10 Feb 2017 16:05

Instrument :
BNA_E
ClientSampleId :
KY038PS033-170206

Tgt Ion:152 Resp: 9631

Ion	Ratio	Lower	Upper
152	100		
150	161.6	106.0	159.0#
115	64.0	31.2	46.8#

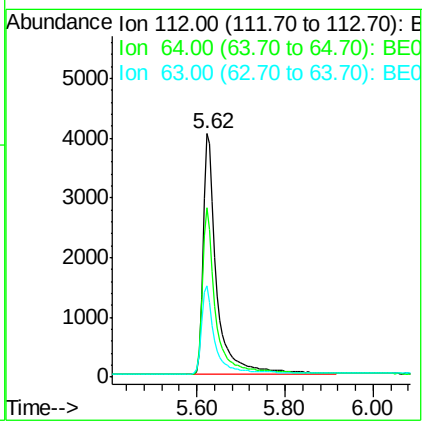


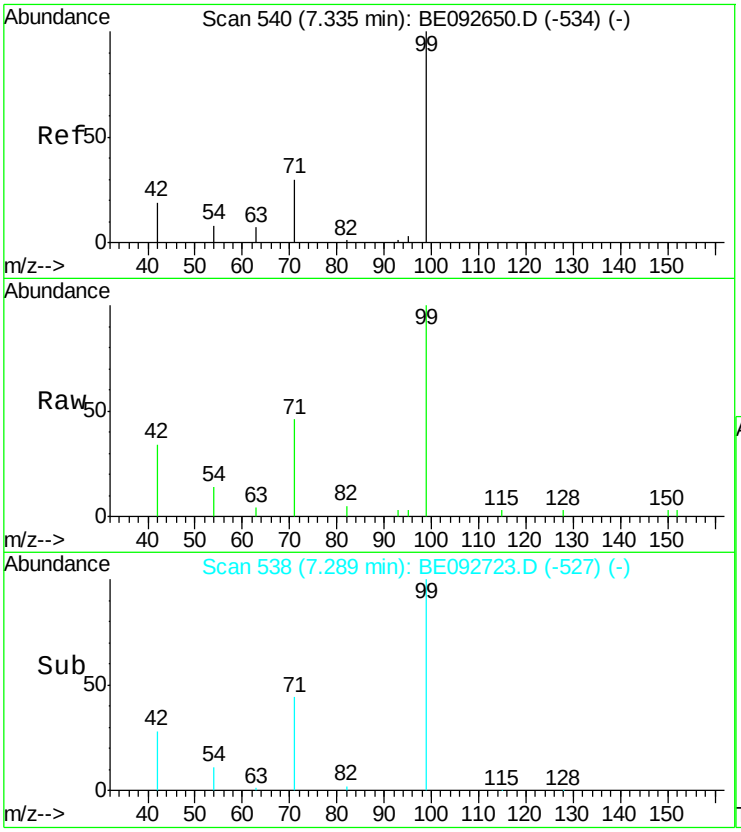


#4
2-Fluorophenol
Concen: 4.04 ng
RT: 5.62 min Scan# 355
Delta R.T. -0.03 min
Lab File: BE092723.D
Acq: 10 Feb 2017 16:05

Tgt Ion:112 Resp: 8696

Ion	Ratio	Lower	Upper
112	100		
64	67.9	53.5	80.3
63	36.0	27.9	41.9



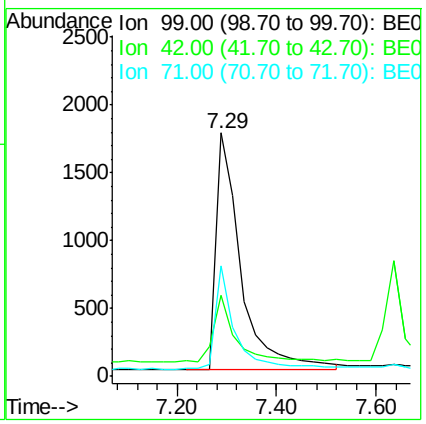


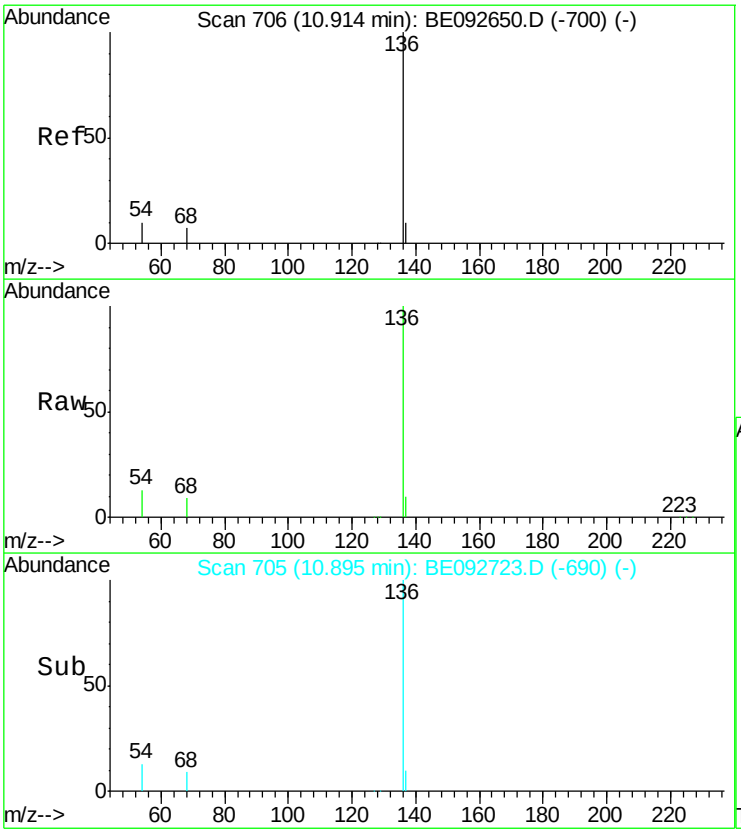
#5
Phenol-d6
Concen: 2.31 ng
RT: 7.29 min Scan# 538
Delta R.T. -0.05 min
Lab File: BE092723.D
Acq: 10 Feb 2017 16:05

Instrument :
BNA_E
ClientSampleId :
KY038PS033-170206

Tgt Ion: 99 Resp: 6083

Ion	Ratio	Lower	Upper
99	100		
42	24.1	16.0	24.0#
71	34.6	30.6	45.8

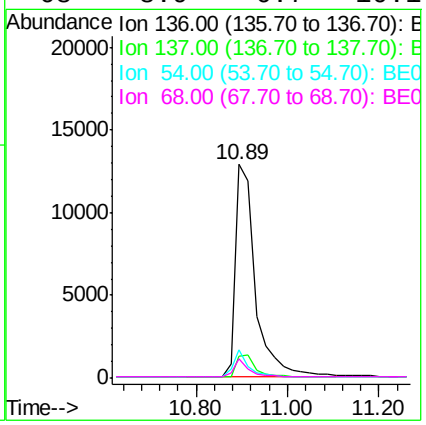


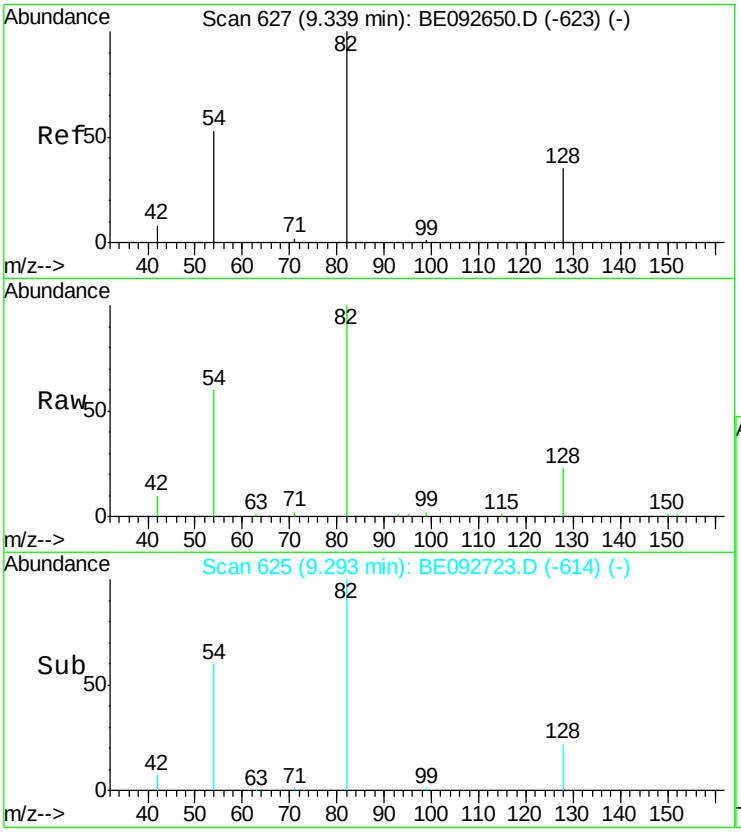


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.89 min Scan# 705
Delta R.T. -0.02 min
Lab File: BE092723.D
Acq: 10 Feb 2017 16:05

Tgt Ion:136 Resp: 39695

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.2	12.4
54	13.2	9.6	14.4
68	8.9	6.7	10.1



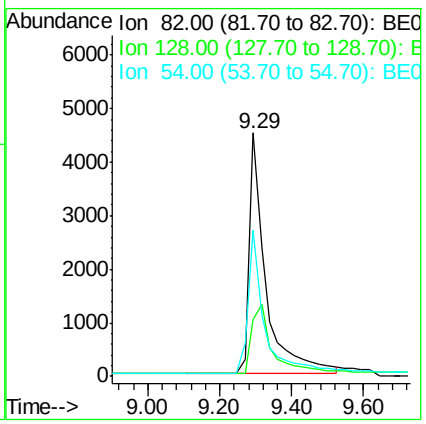


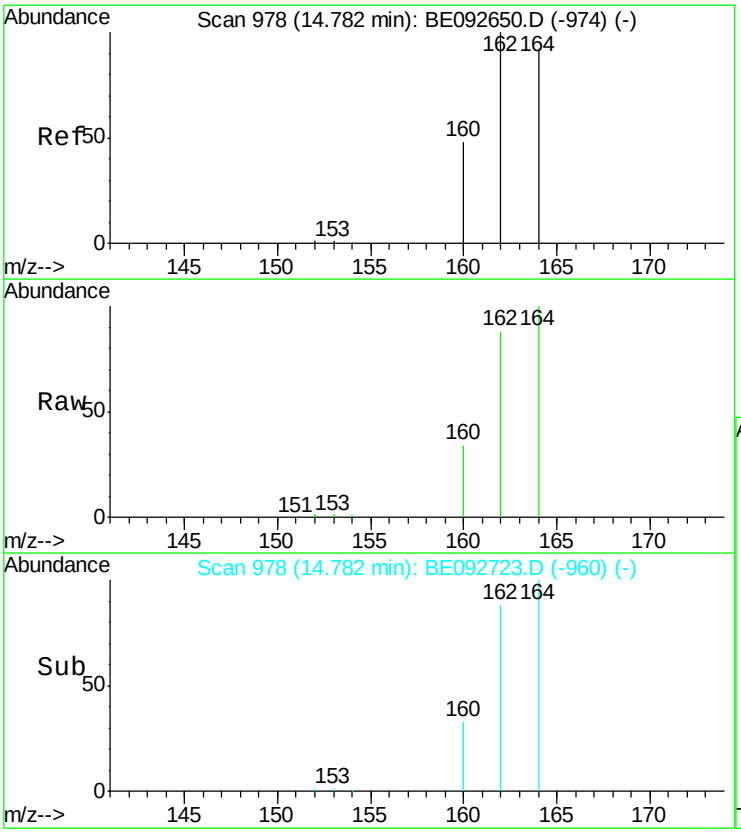
#8
Nitrobenzene-d5
Concen: 5.53 ng
RT: 9.29 min Scan# 625
Delta R.T. -0.05 min
Lab File: BE092723.D
Acq: 10 Feb 2017 16:05

Instrument :
BNA_E
ClientSampleId :
KY038PS033-170206

Tgt Ion: 82 Resp: 14255

Ion	Ratio	Lower	Upper
82	100		
128	23.1	39.0	58.4#
54	60.1	44.8	67.2

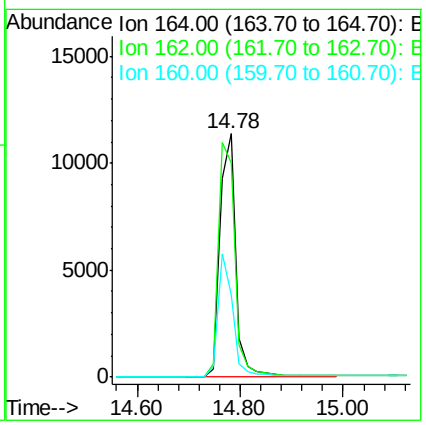


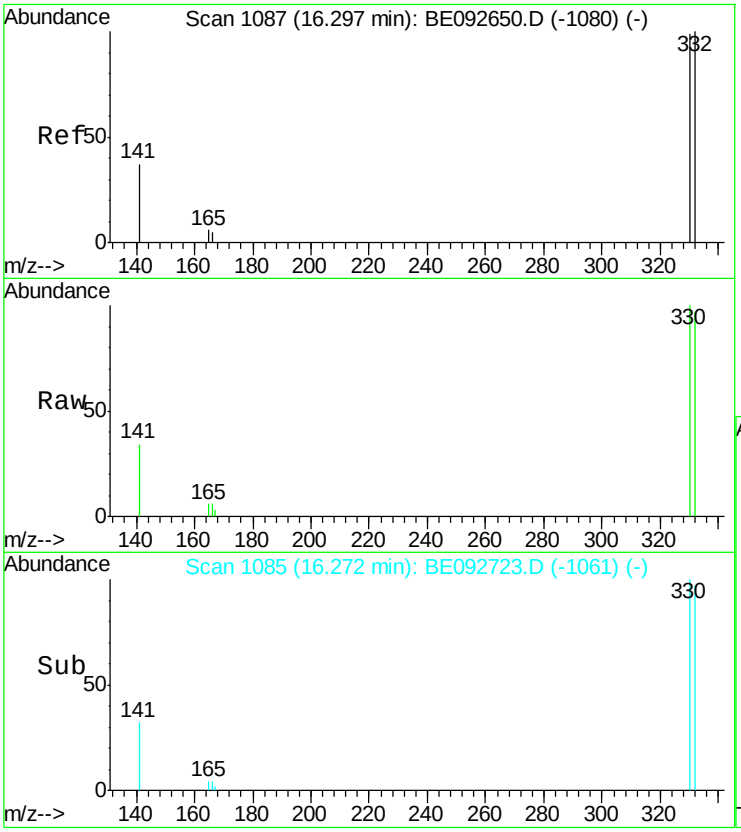


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. 0.00 min
Lab File: BE092723.D
Acq: 10 Feb 2017 16:05

Tgt Ion:164 Resp: 24379

Ion	Ratio	Lower	Upper
164	100		
162	87.7	71.4	107.0
160	33.8	27.4	41.2



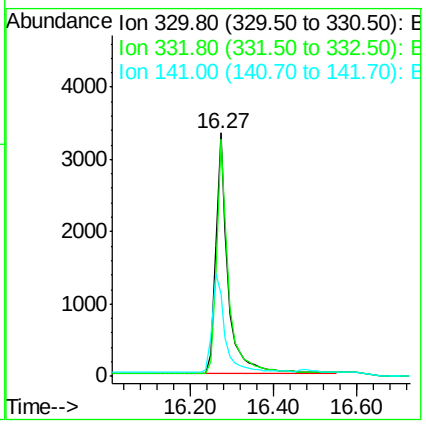


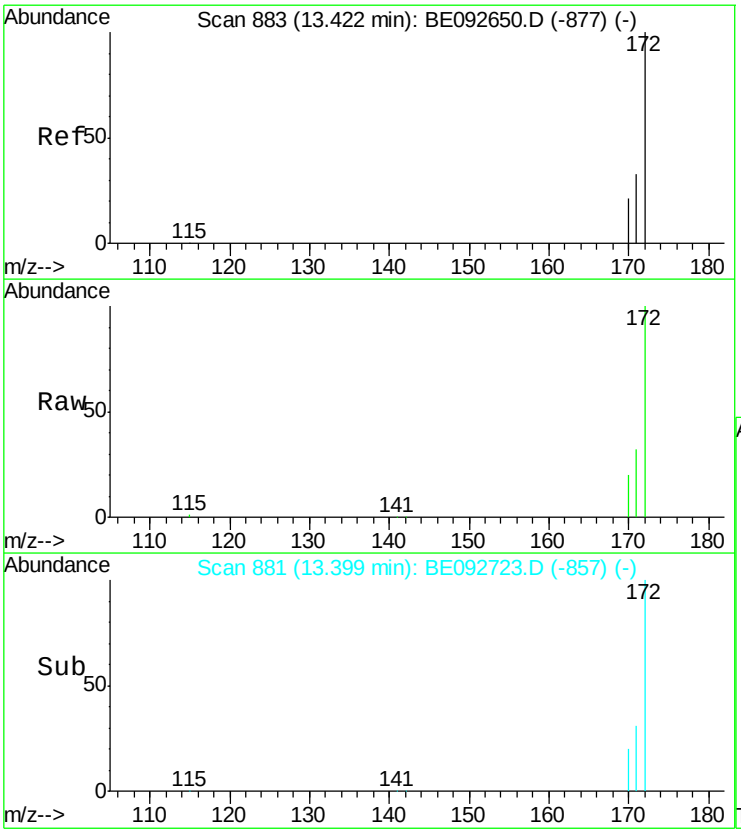
#13
2,4,6-Tribromophenol
Concen: 9.47 ng
RT: 16.27 min Scan# 1085
Delta R.T. -0.02 min
Lab File: BE092723.D
Acq: 10 Feb 2017 16:05

Instrument :
BNA_E
ClientSampleId :
KY038PS033-170206

Tgt Ion:330 Resp: 6836

Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.4	113.0
141	43.0	31.0	46.6

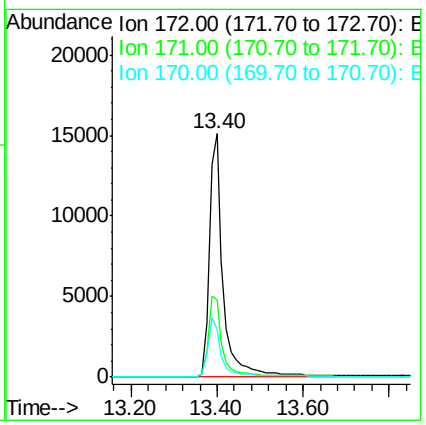


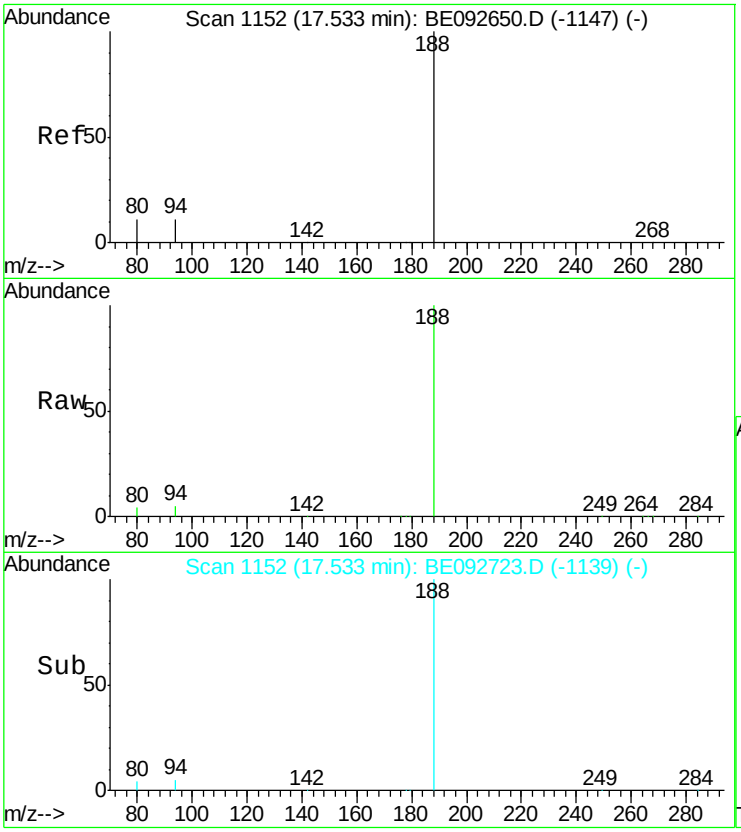


#14
2-Fluorobiphenyl
Concen: 5.64 ng
RT: 13.40 min Scan# 881
Delta R.T. -0.02 min
Lab File: BE092723.D
Acq: 10 Feb 2017 16:05

Tgt Ion:172 Resp: 33803

Ion	Ratio	Lower	Upper
172	100		
171	31.6	30.1	45.1
170	19.8	21.8	32.6#



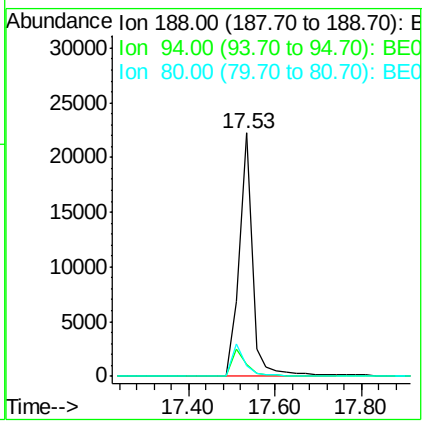


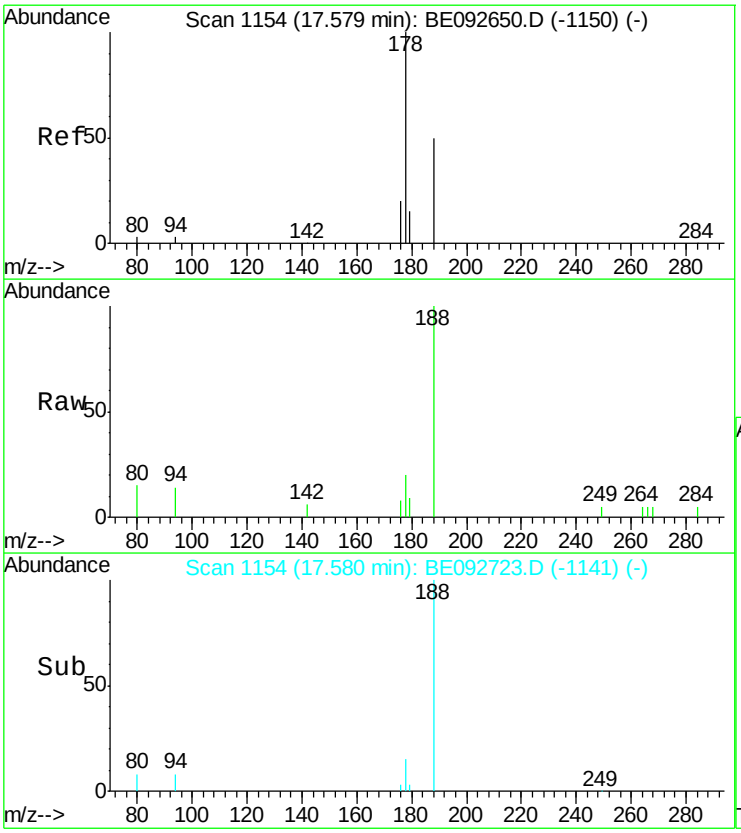
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE092723.D
Acq: 10 Feb 2017 16:05

Instrument :
BNA_E
ClientSampleId :
KY038PS033-170206

Tgt Ion:188 Resp: 46775

Ion	Ratio	Lower	Upper
188	100		
94	4.8	3.2	4.8
80	4.2	2.6	3.8#

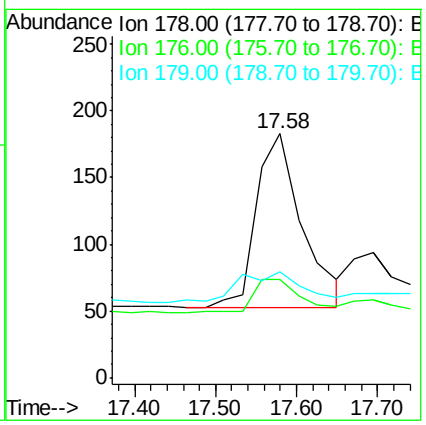


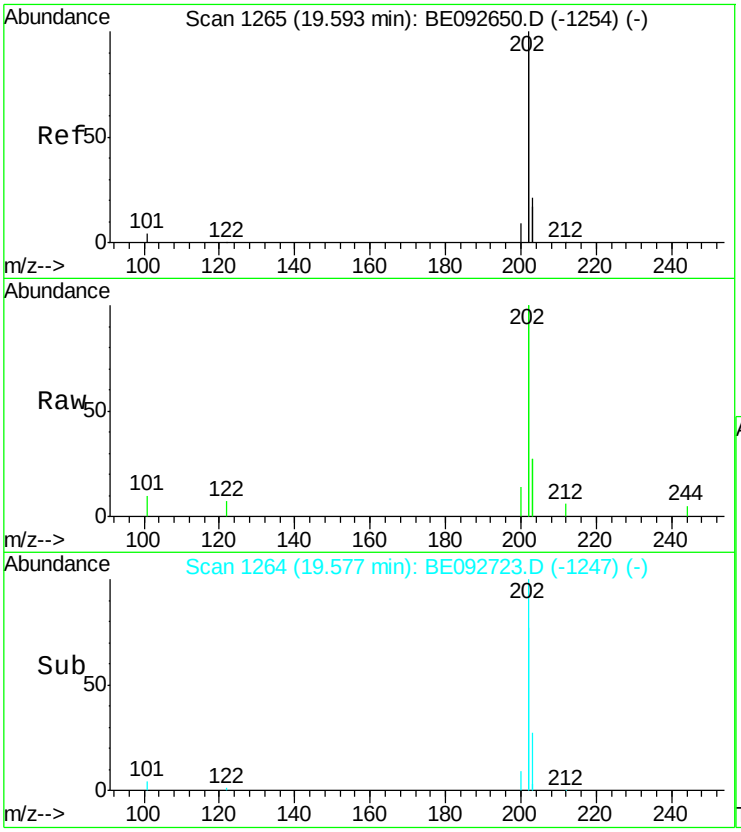


#21
Phenanthrene
Concen: 0.05 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092723.D
Acq: 10 Feb 2017 16:05

Tgt Ion:178 Resp: 509

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.8#
179	25.5	16.0	24.0#



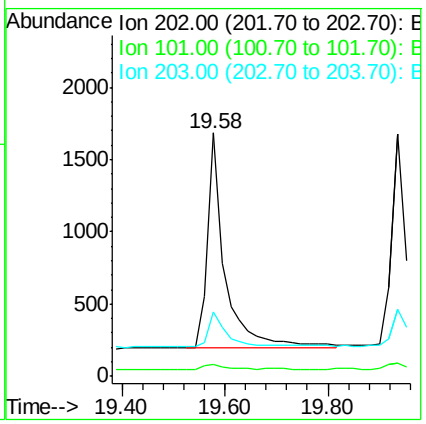


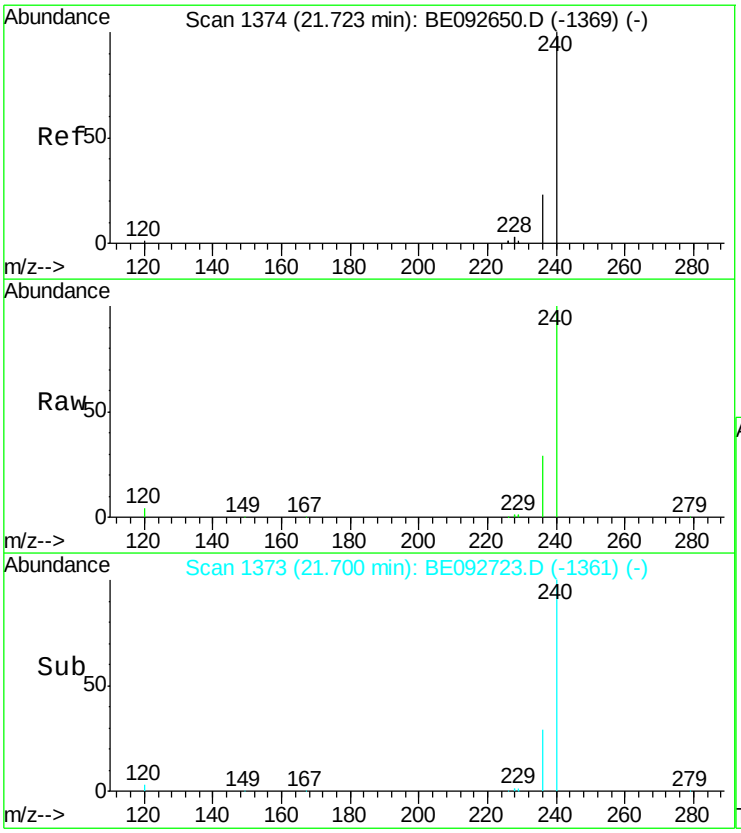
#23
Fluoranthene
Concen: 0.08 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092723.D
Acq: 10 Feb 2017 16:05

Instrument :
BNA_E
ClientSampleId :
KY038PS033-170206

Tgt Ion:202 Resp: 3527

Ion	Ratio	Lower	Upper
202	100		
101	2.7	2.2	3.4
203	17.0	13.7	20.5

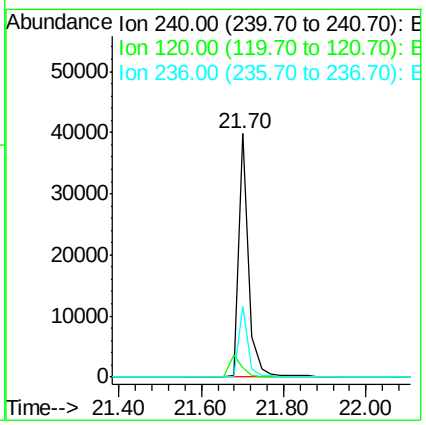


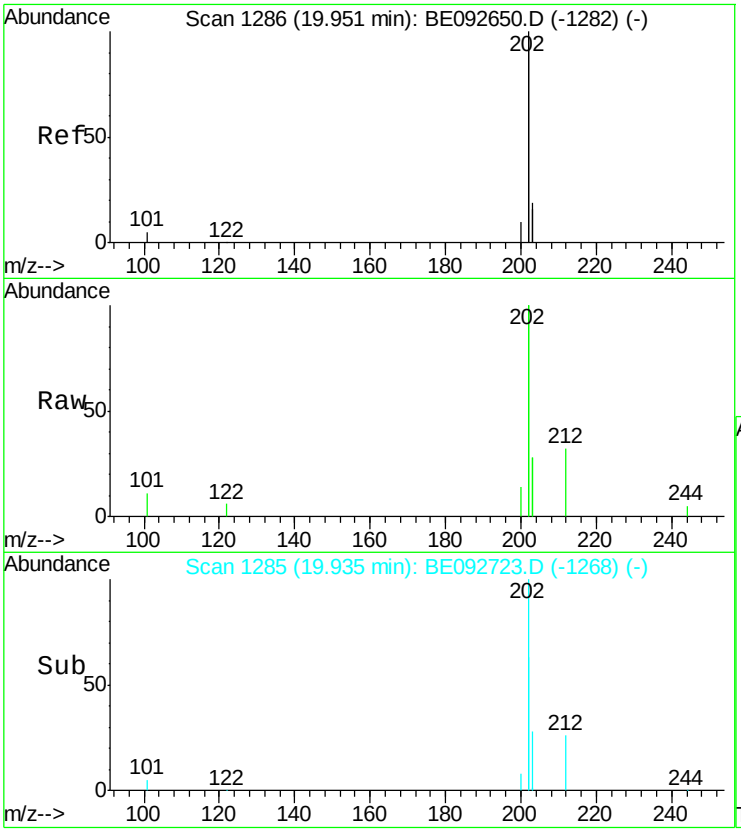


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BE092723.D
Acq: 10 Feb 2017 16:05

Tgt Ion:240 Resp: 66809

Ion	Ratio	Lower	Upper
240	100		
120	3.6	2.6	4.0
236	29.3	24.6	37.0



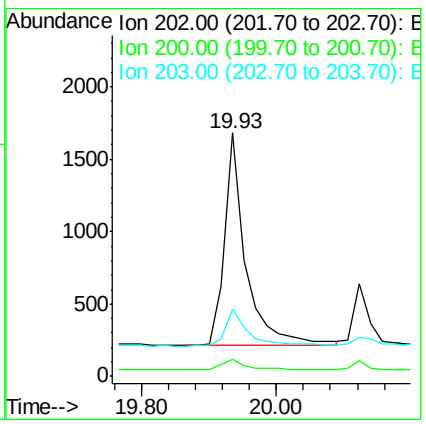


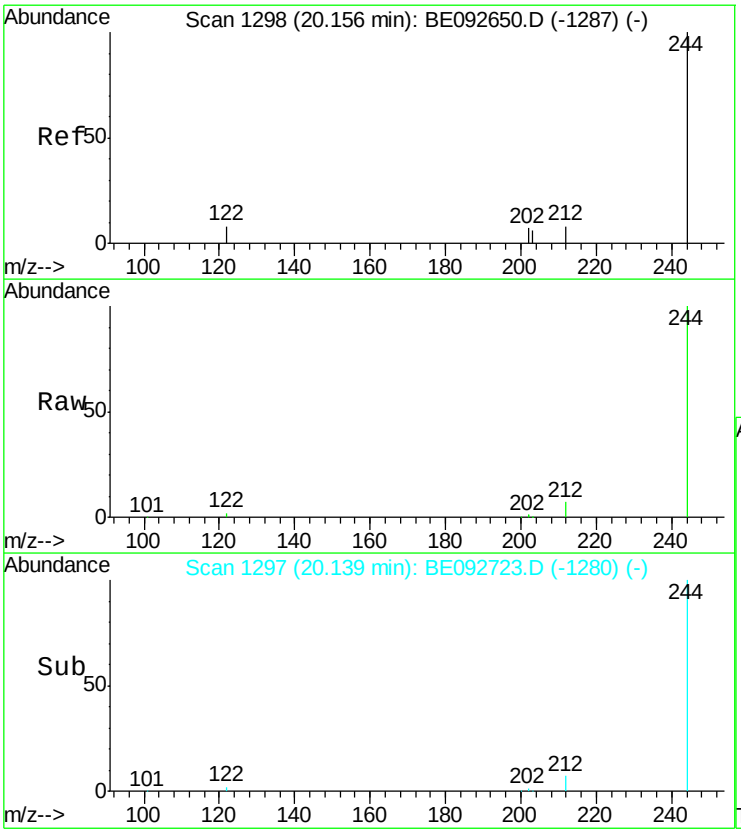
#25
Pyrene
Concen: 0.05 ng
RT: 19.93 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092723.D
Acq: 10 Feb 2017 16:05

Instrument :
BNA_E
ClientSampleId :
KY038PS033-170206

Tgt Ion:202 Resp: 3214

Ion	Ratio	Lower	Upper
202	100		
200	5.5	4.2	6.4
203	18.9	13.9	20.9

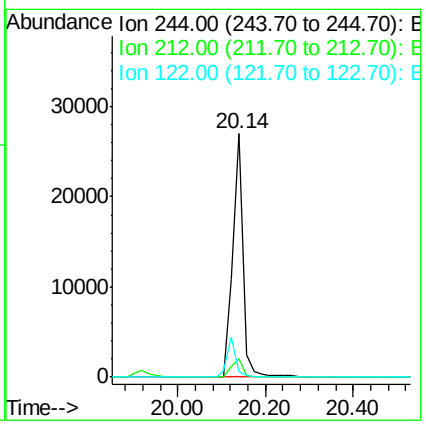


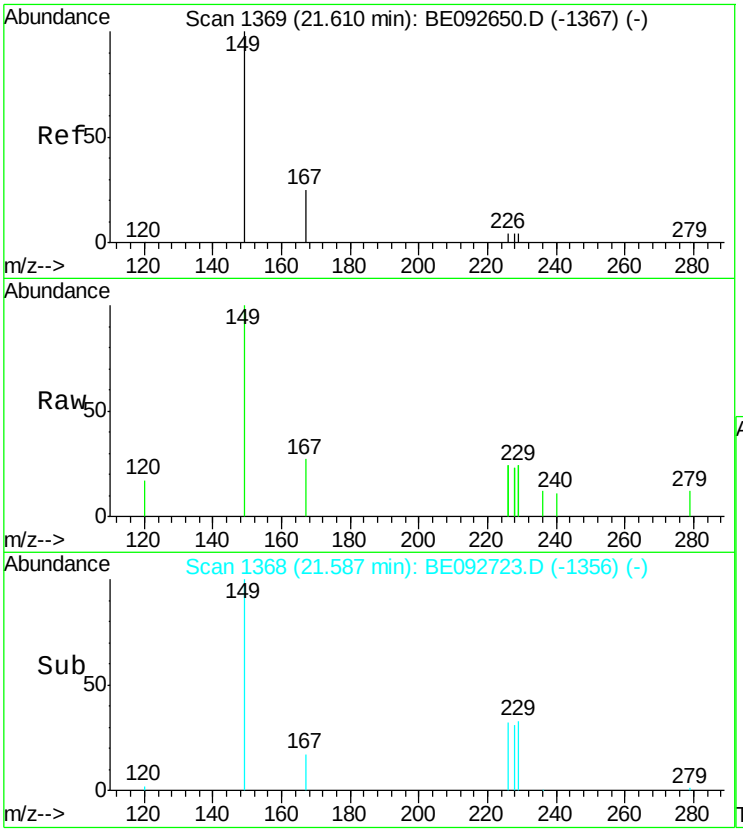


#26
Terphenyl-d14
Concen: 4.53 ng
RT: 20.14 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BE092723.D
Acq: 10 Feb 2017 16:05

Tgt Ion:244 Resp: 42759

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.7	10.1
122	2.4	3.6	5.4#



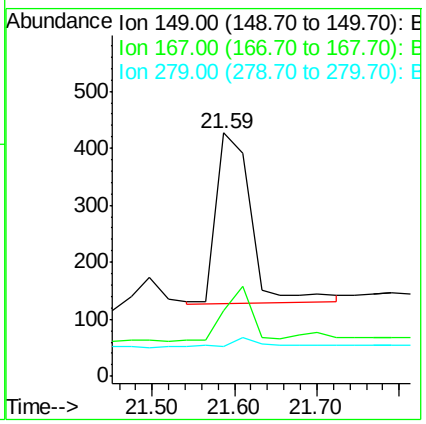


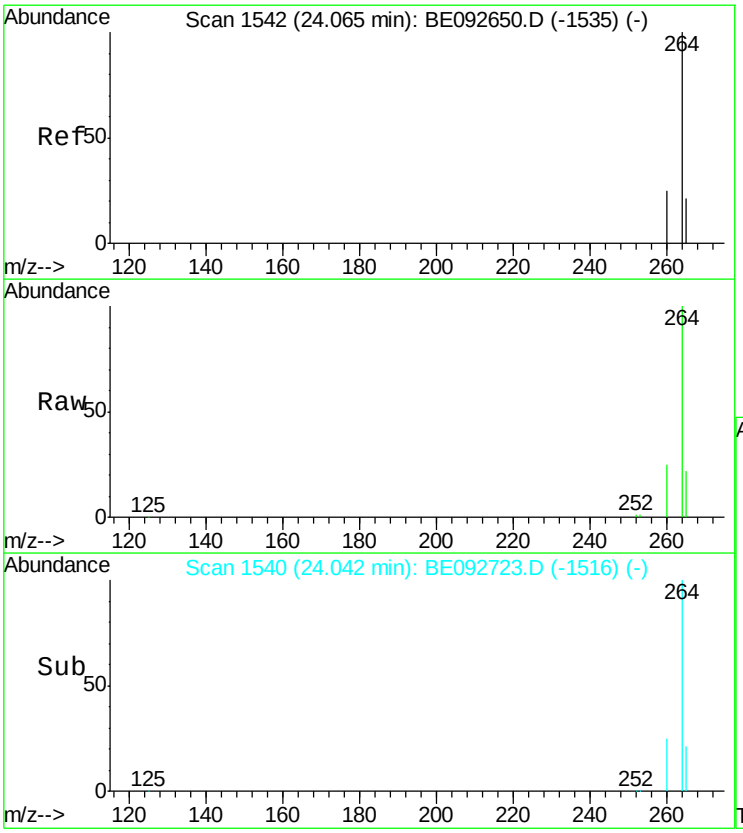
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.27 ng
RT: 21.59 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BE092723.D
Acq: 10 Feb 2017 16:05

Instrument :
BNA_E
ClientSampleId :
KY038PS033-170206

Tgt Ion:149 Resp: 882

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





#31
Perylene-d12
Concen: 5.00 ng
RT: 24.04 min Scan# 1540
Delta R.T. -0.02 min
Lab File: BE092723.D
Acq: 10 Feb 2017 16:05

Tgt Ion:264 Resp: 62789

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