Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051017\
Data File : BE092986.D
Acq On : 10 May 2017 17:40
Operator : SJ/MA
Sample : I2893-17RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 3076-FBRE

Quant Time: May 11 05:26:26 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 10 03:43:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	763	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	3013	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	542	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3088	0.40	ng	0.00
26) Chrysene-d12	21.28	240	1517	0.40	ng	0.00
33) Perylene-d12	23.71	264	27	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	345	0.16	ng	0.00
5) Phenol-d6	6.94	99	434	0.16	ng	0.00
8) Nitrobenzene-d5	8.90	82	842	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1595	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	140	0.99	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	2310	1.14	ng	0.00
24) Fluoranthene-d10	19.15	212	1253	0.16	ng	0.00
28) Terphenyl-d14	19.74	244	2239	0.96	ng	0.00
Target Compounds						Qvalue
22) Phenanthrene	17.18	178	235	0.03	ng	# 91

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

Quantitation Report (QT Reviewed)

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Data File : BE092986.D
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 10 03:43:15 2017
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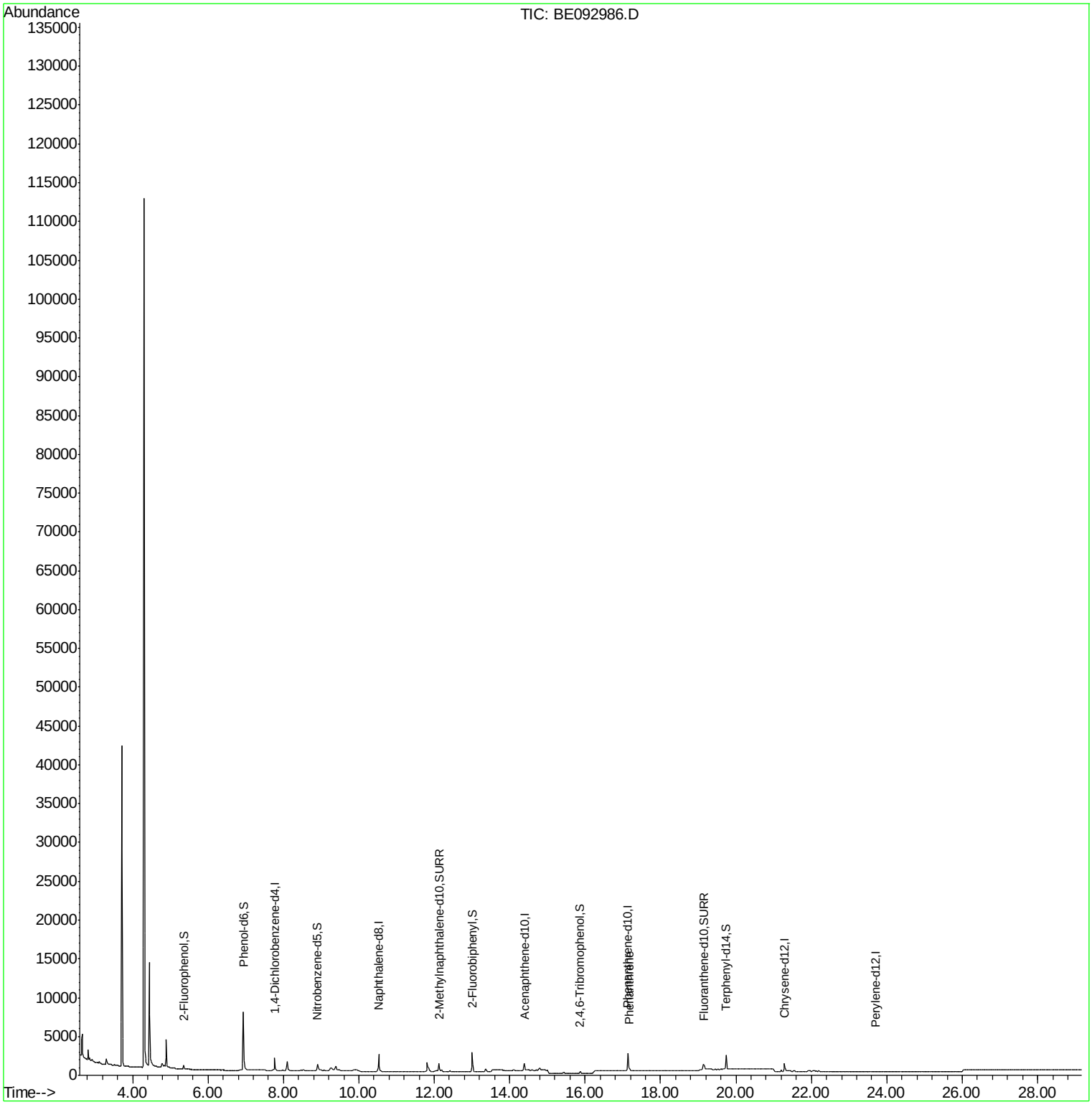
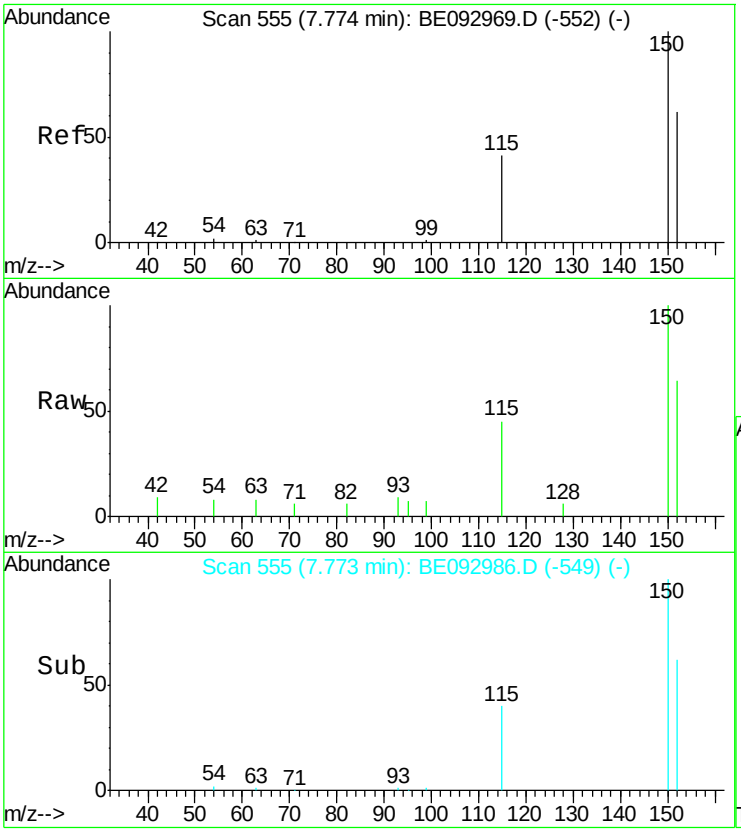


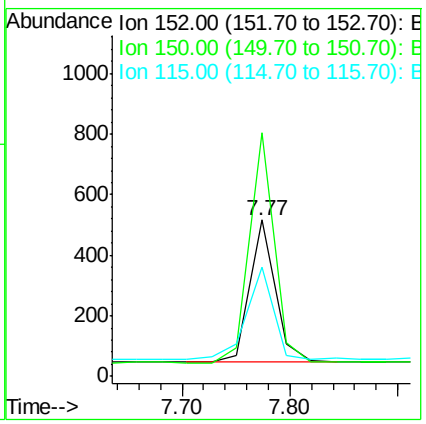


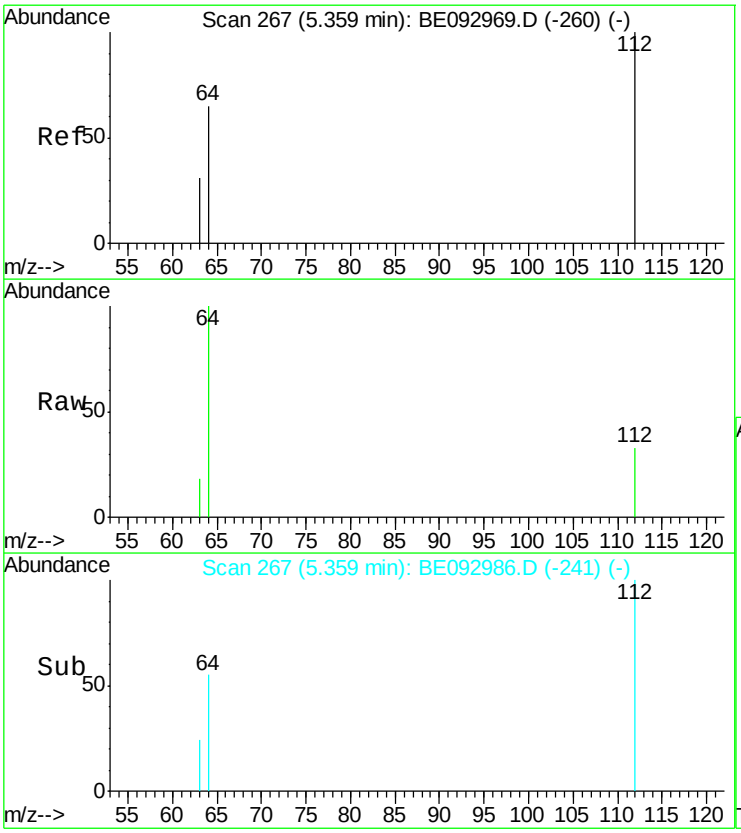
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Instrument :
BNA_E
ClientSampleId :
3076-FBRE

Tgt Ion:152 Resp: 763

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.1	187.7
115	69.4	55.7	83.5

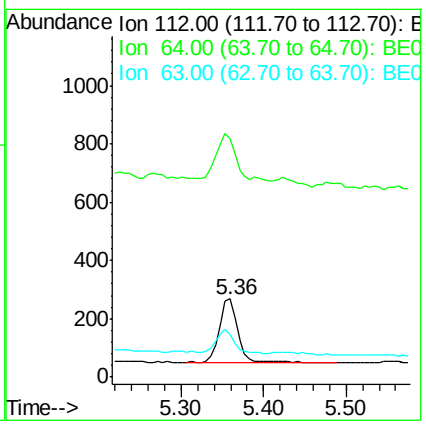


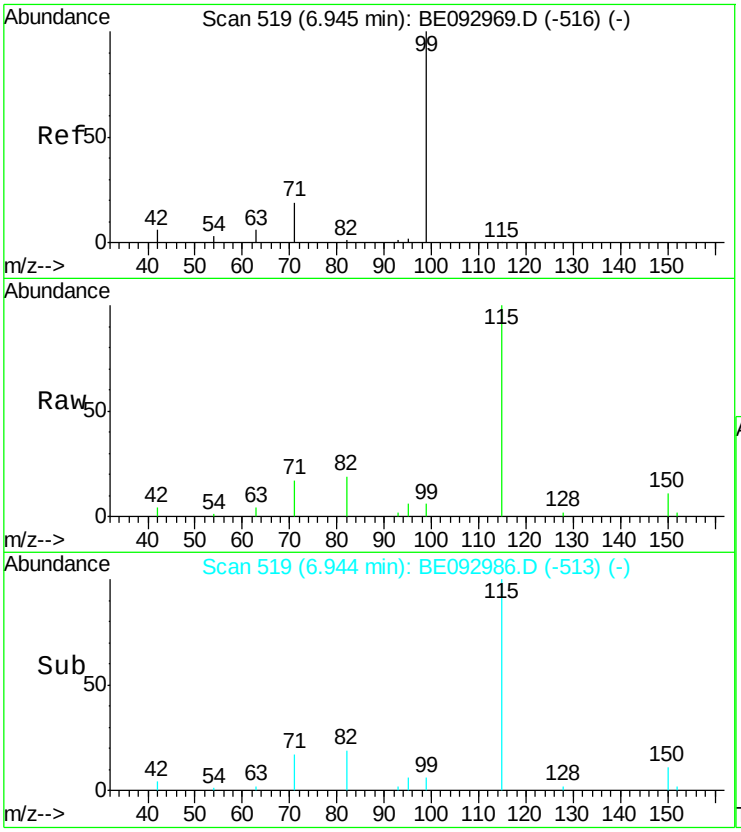


#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Tgt Ion:112 Resp: 345

Ion	Ratio	Lower	Upper
112	100		
64	79.1	56.4	84.6
63	36.2	29.3	43.9



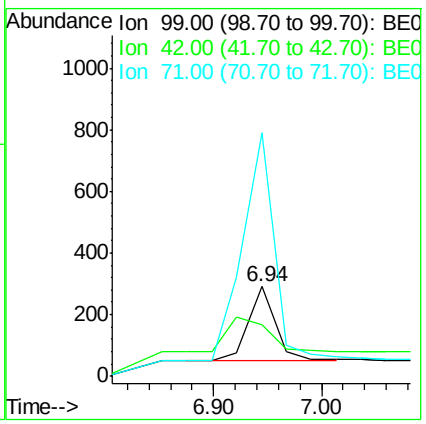


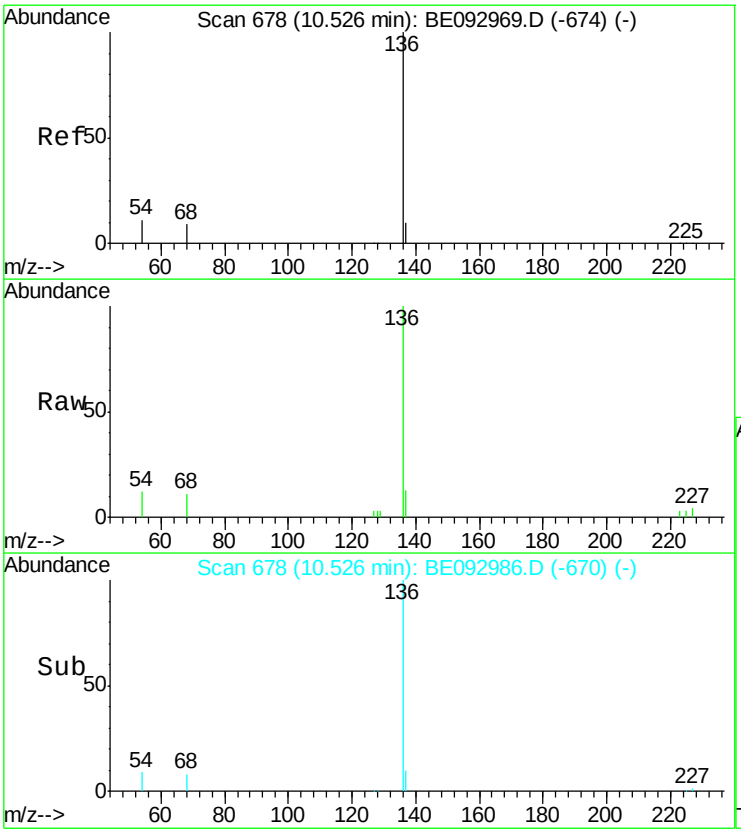
#5
Phenol-d6
Concen: 0.16 ng
RT: 6.94 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Instrument :
BNA_E
ClientSampleId :
3076-FBRE

Tgt Ion: 99 Resp: 434

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	352.3	0.0	0.0#

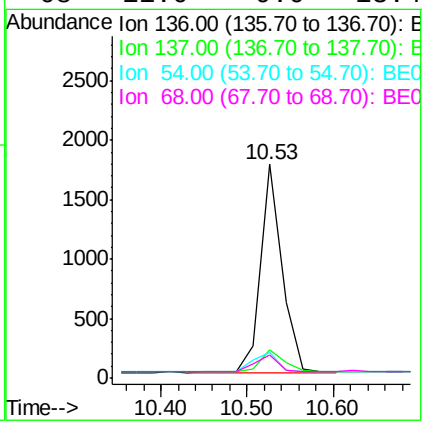


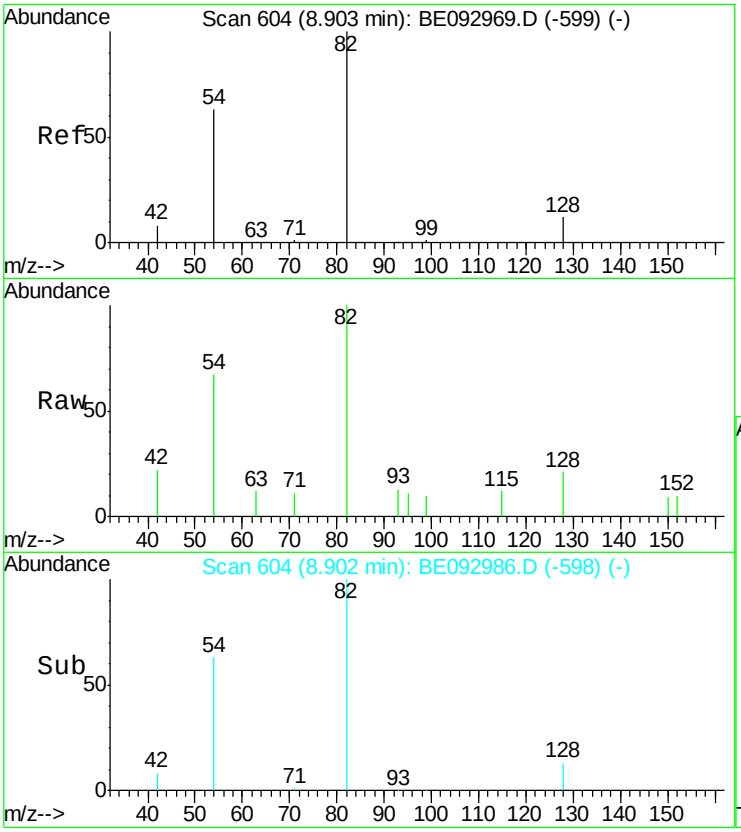


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. 0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Tgt Ion:136 Resp: 3013

Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.8	14.8
54	12.1	10.3	15.5
68	11.0	9.0	13.4



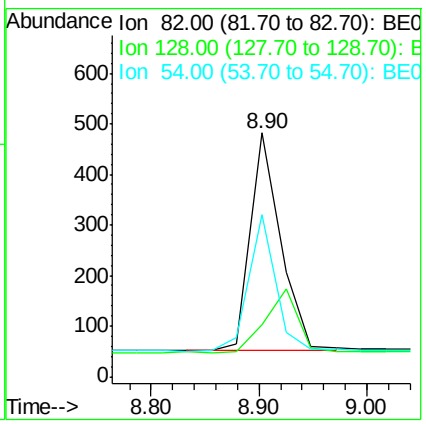


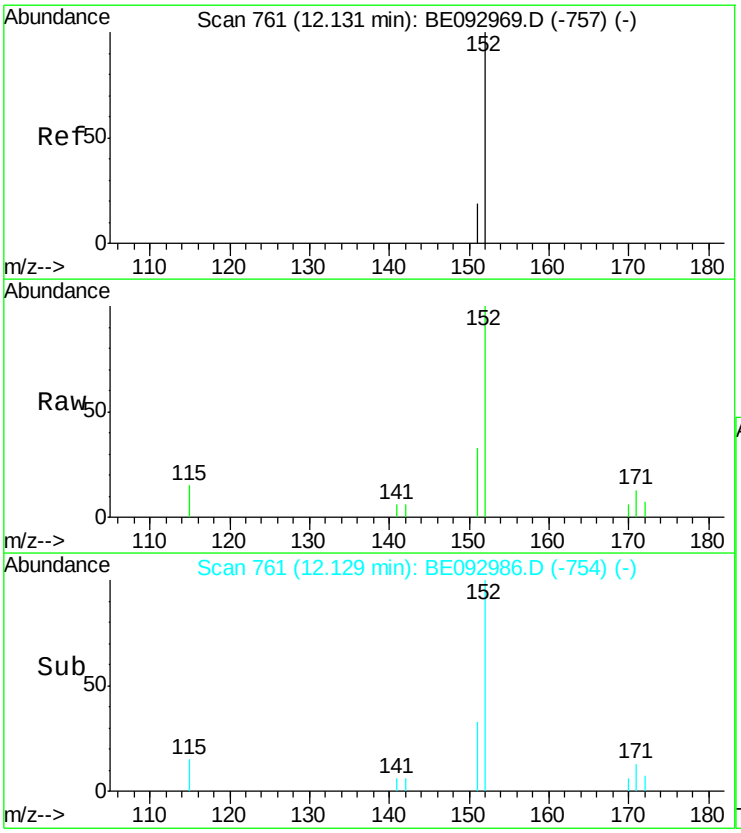
#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.90 min Scan# 604
Delta R.T. -0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Instrument :
BNA_E
ClientSampleId :
3076-FBRE

Tgt Ion: 82 Resp: 842

Ion	Ratio	Lower	Upper
82	100		
128	21.2	17.0	25.4
54	66.6	53.8	80.6

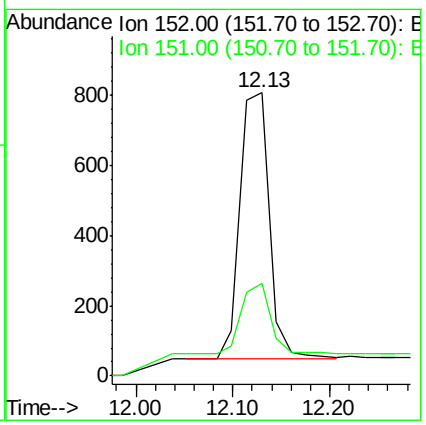


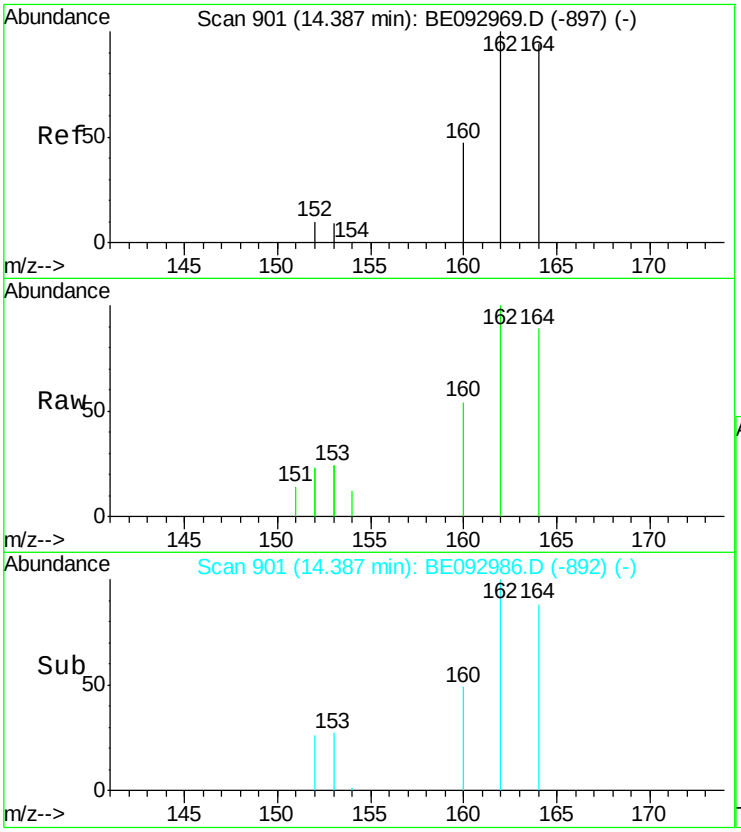


#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.13 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Tgt Ion:152 Resp: 1595

Ion	Ratio	Lower	Upper
152	100		
151	26.1	15.1	22.7#



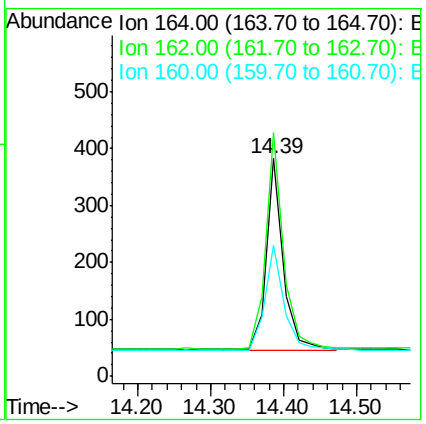


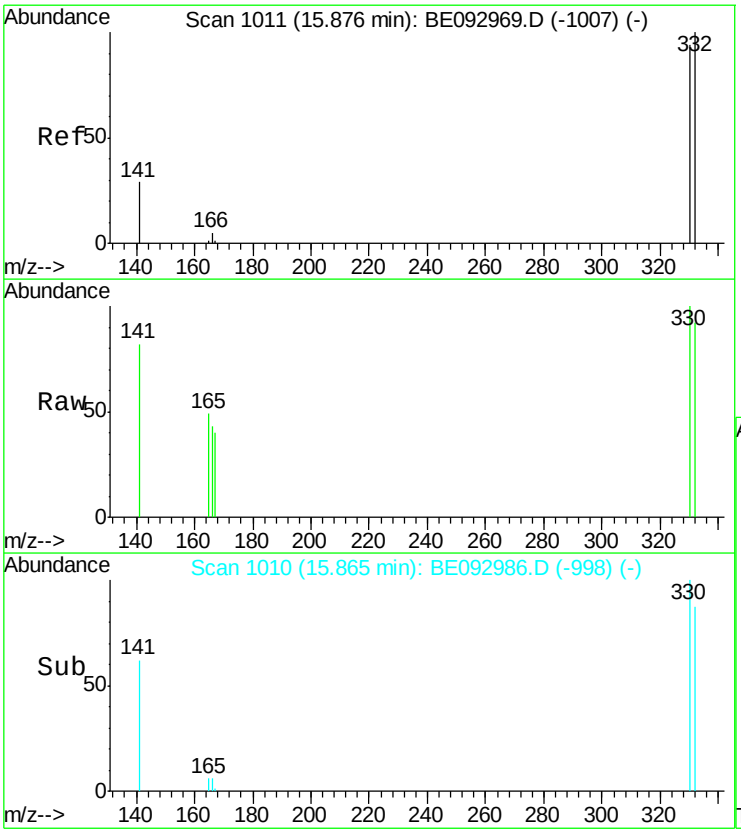
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Instrument :
BNA_E
ClientSampleId :
3076-FBRE

Tgt Ion:164 Resp: 542

Ion	Ratio	Lower	Upper
164	100		
162	112.0	84.6	127.0
160	60.5	41.8	62.6

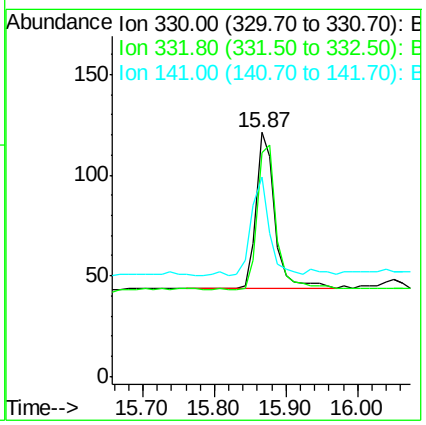


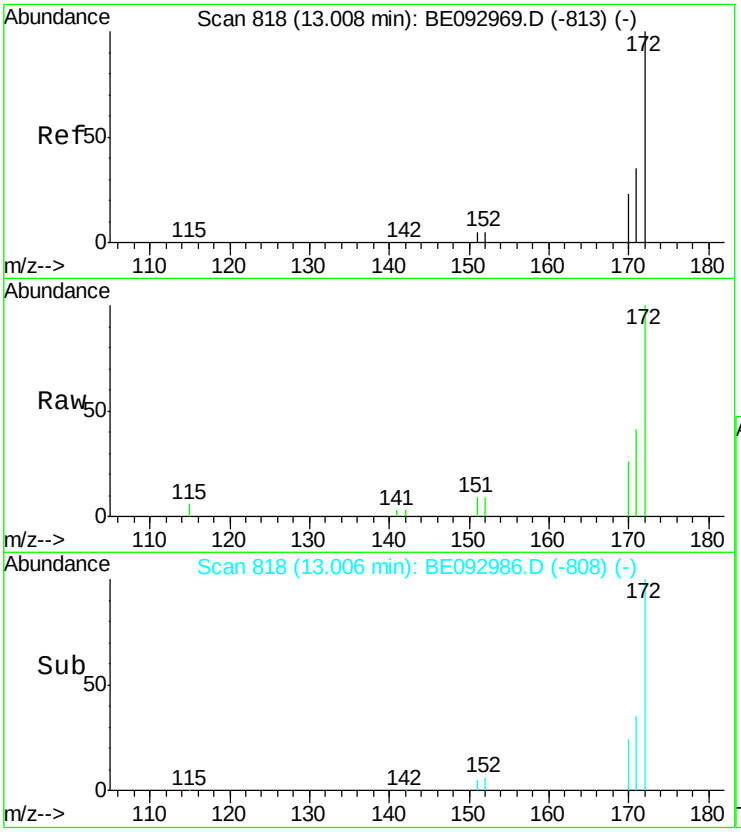


#14
2,4,6-Tribromophenol
Concen: 0.99 ng
RT: 15.87 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Tgt Ion:330 Resp: 140

Ion	Ratio	Lower	Upper
330	100		
332	100.0	77.7	116.5
141	64.3	56.2	84.4



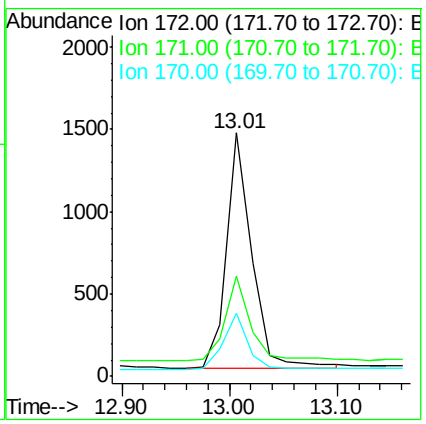


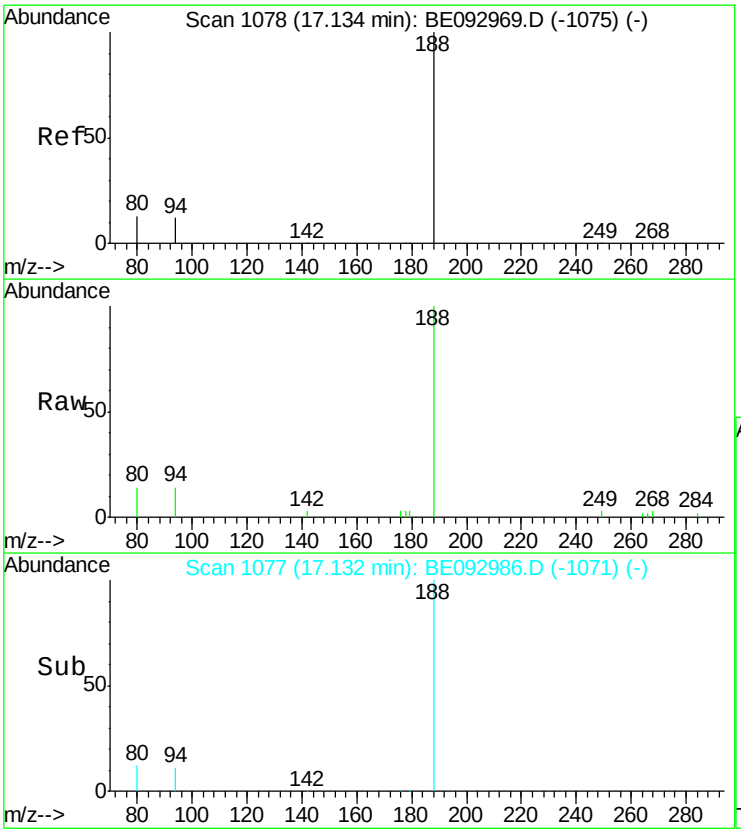
#15
2-Fluorobiphenyl
Concen: 1.14 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Instrument :
BNA_E
ClientSampleId :
3076-FBRE

Tgt Ion:172 Resp: 2310

Ion	Ratio	Lower	Upper
172	100		
171	41.0	29.8	44.6
170	26.0	20.7	31.1

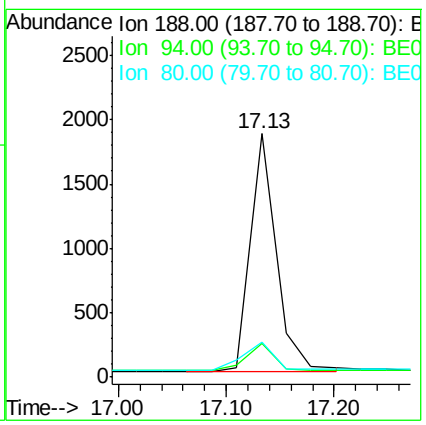


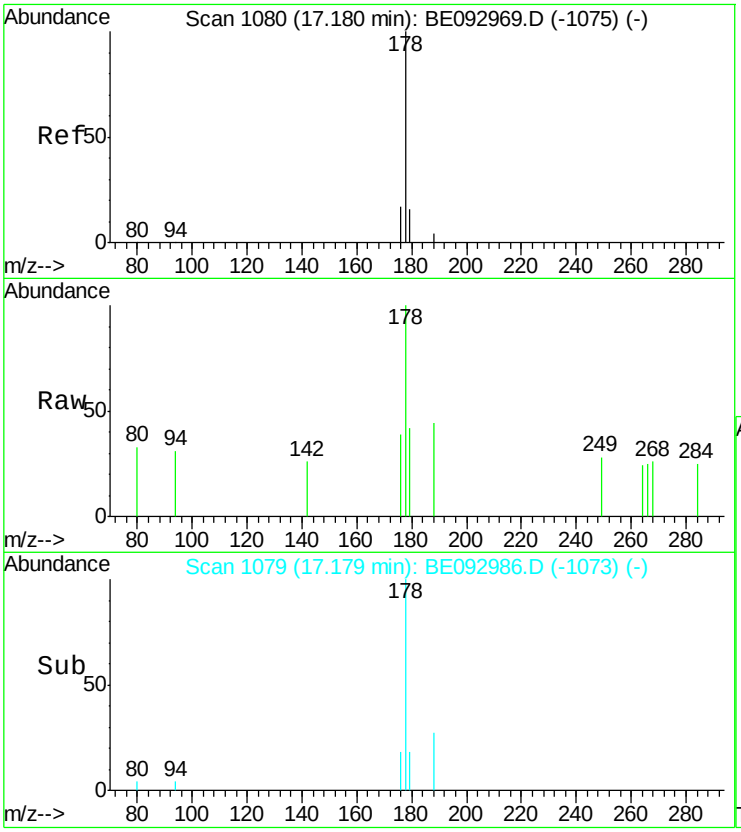


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1077
Delta R.T. -0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Tgt Ion:188 Resp: 3088

Ion	Ratio	Lower	Upper
188	100		
94	14.0	11.3	16.9
80	14.2	11.7	17.5



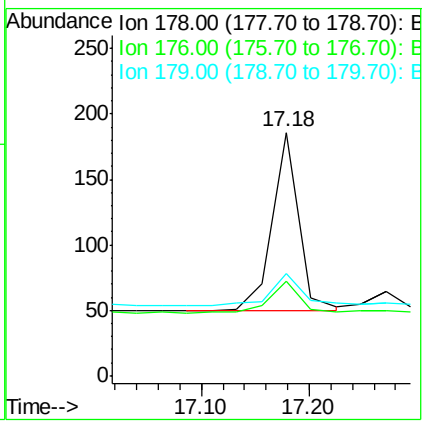


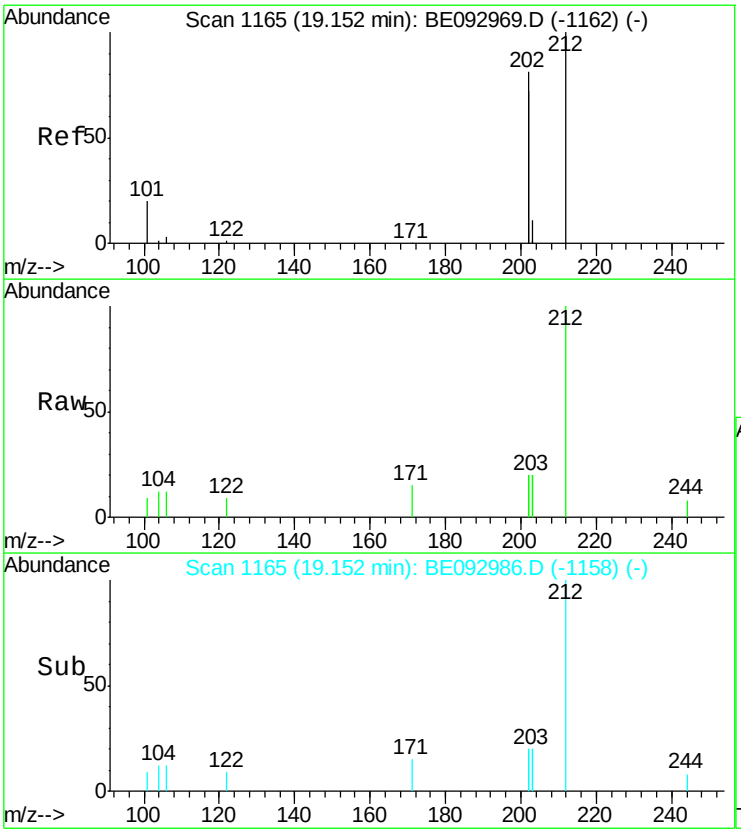
#22
Phenanthrene
Concen: 0.03 ng
RT: 17.18 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Instrument :
BNA_E
ClientSampleId :
3076-FBRE

Tgt Ion:178 Resp: 235

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.0	22.4
179	21.3	12.7	19.1#

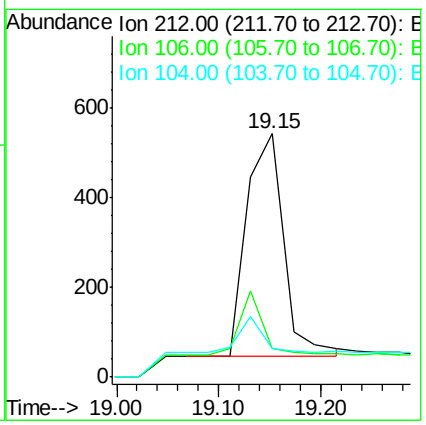


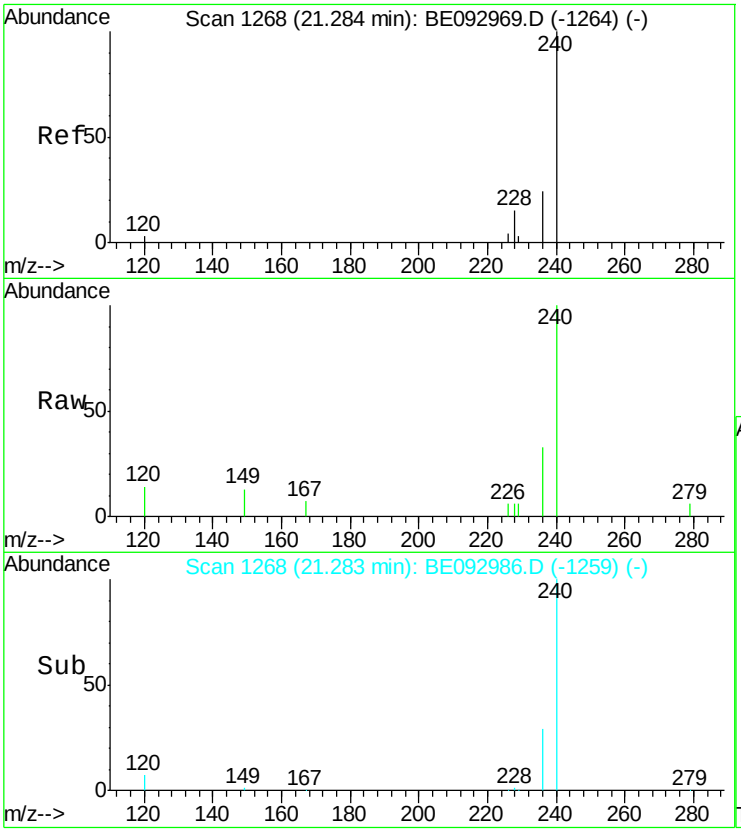


#24
Fluoranthene-d10
Concen: 0.16 ng
RT: 19.15 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Tgt Ion:212 Resp: 1253

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



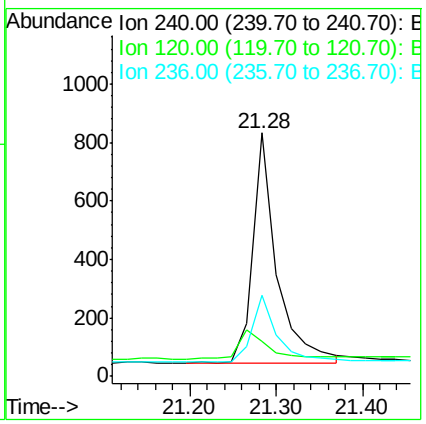


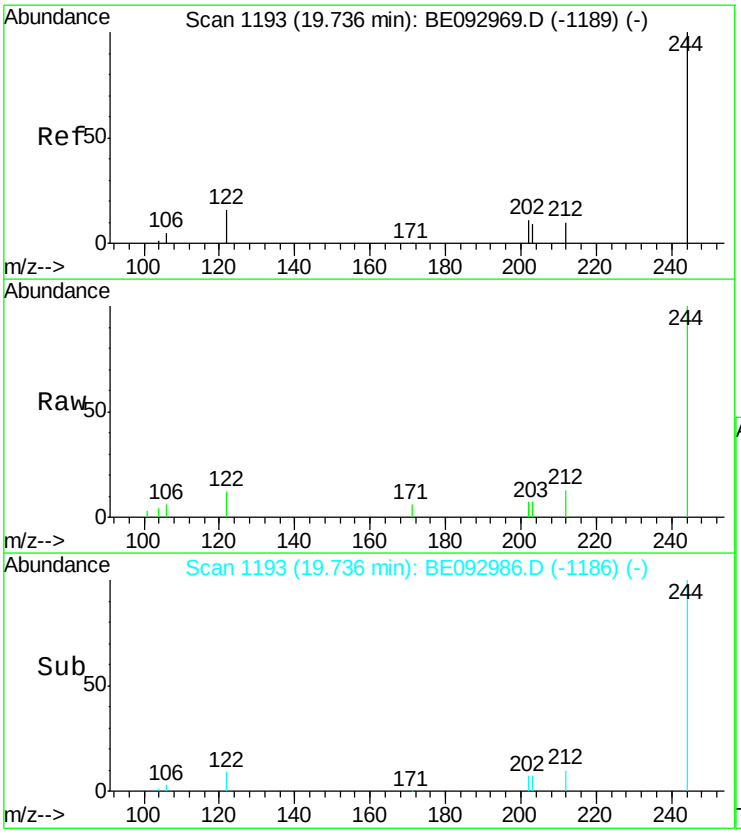
#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Instrument :
BNA_E
ClientSampleId :
3076-FBRE

Tgt Ion:240 Resp: 1517

Ion	Ratio	Lower	Upper
240	100		
120	14.2	4.6	7.0#
236	33.1	20.8	31.2#

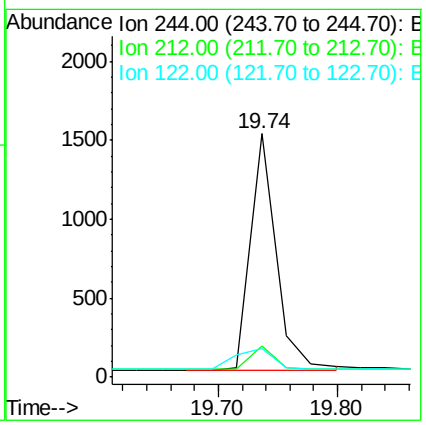


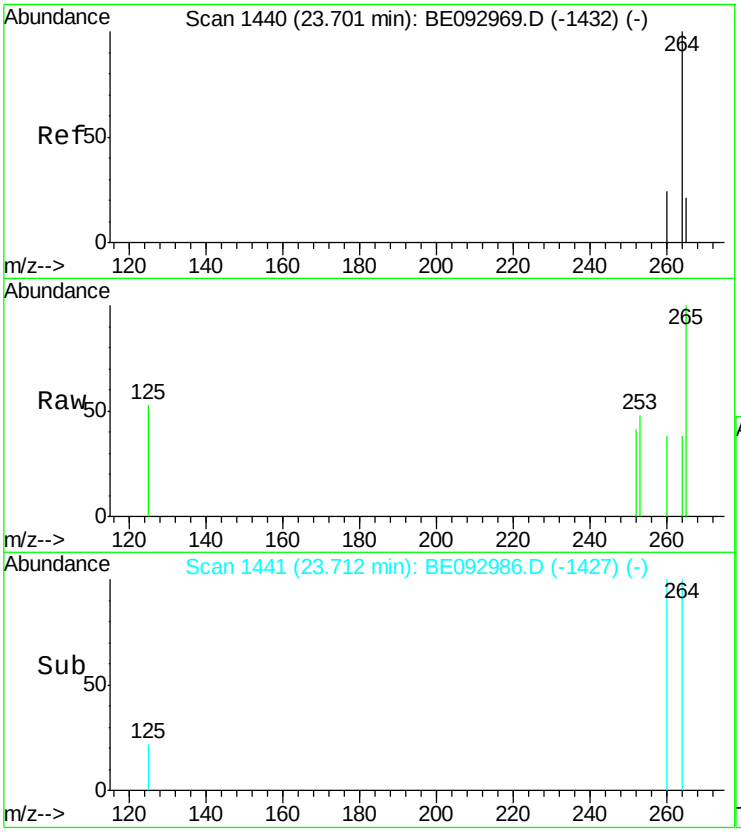


#28
Terphenyl-d14
Concen: 0.96 ng
RT: 19.74 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Tgt Ion:244 Resp: 2239

Ion	Ratio	Lower	Upper
244	100		
212	12.6	10.6	16.0
122	11.8	15.4	23.0#





#33
Perylene-d12
Concen: 0.40 ng
RT: 23.71 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BE092986.D
Acq: 10 May 2017 17:40

Instrument :
BNA_E
ClientSampleId :
3076-FBRE

Tgt Ion:264 Resp: 27

Ion	Ratio	Lower	Upper
264	100		
260	98.2	21.0	31.4#
265	260.7	24.6	36.8#