Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051616\
Data File : BE091785.D
Acq On : 16 May 2016 22:11
Operator : UM/SJ
Sample : H3065-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SS043MW014-160511

Quant Time: May 17 04:03:20 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	45230	5.00	ng		0.00
7) Naphthalene-d8	10.57	136	222142	5.00	ng		0.00
13) Acenaphthene-d10	14.40	164	128886	5.00	ng		-0.01
19) Phenanthrene-d10	17.15	188	297221	5.00	ng		0.00
26) Chrysene-d12	21.29	240	285130	5.00	ng		-0.02
35) Perylene-d12	23.74	264	286339	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	24984	2.25	ng		0.00
5) Phenol-d6	6.95	99	21024	1.43	ng		0.00
8) Nitrobenzene-d5	8.95	82	48446	3.38	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	32503	6.80	ng		-0.01
15) 2-Fluorobiphenyl	13.04	172	143047	3.92	ng		0.00
29) Terphenyl-d14	19.76	244	241761	5.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	215	Below Cal		#	18
18) Fluorene	15.44	166	1237	0.03	ng	#	59
22) Pentachlorophenol	16.79	266	958	0.26	ng		96
23) Phenanthrene	17.18	178	1876	0.03	ng	#	81
25) Fluoranthene	19.19	202	2071	0.03	ng	#	1
27) Benzidine	19.74	184	4316	0.35	ng	#	86
28) Pyrene	19.55	202	1963	0.03	ng		99
30) Benzo(a)anthracene	21.34	228	4068	0.06	ng	#	86
32) Chrysene	21.34	228	4061	0.06	ng	#	91
33) Bis(2-ethylhexyl)phthalate	21.20	149	5846	0.28	ng	#	88
36) Benzo(b)fluoranthene	22.99	252	1504	0.02	ng	#	22
37) Benzo(k)fluoranthene	23.04	252	1394	0.02	ng	#	17

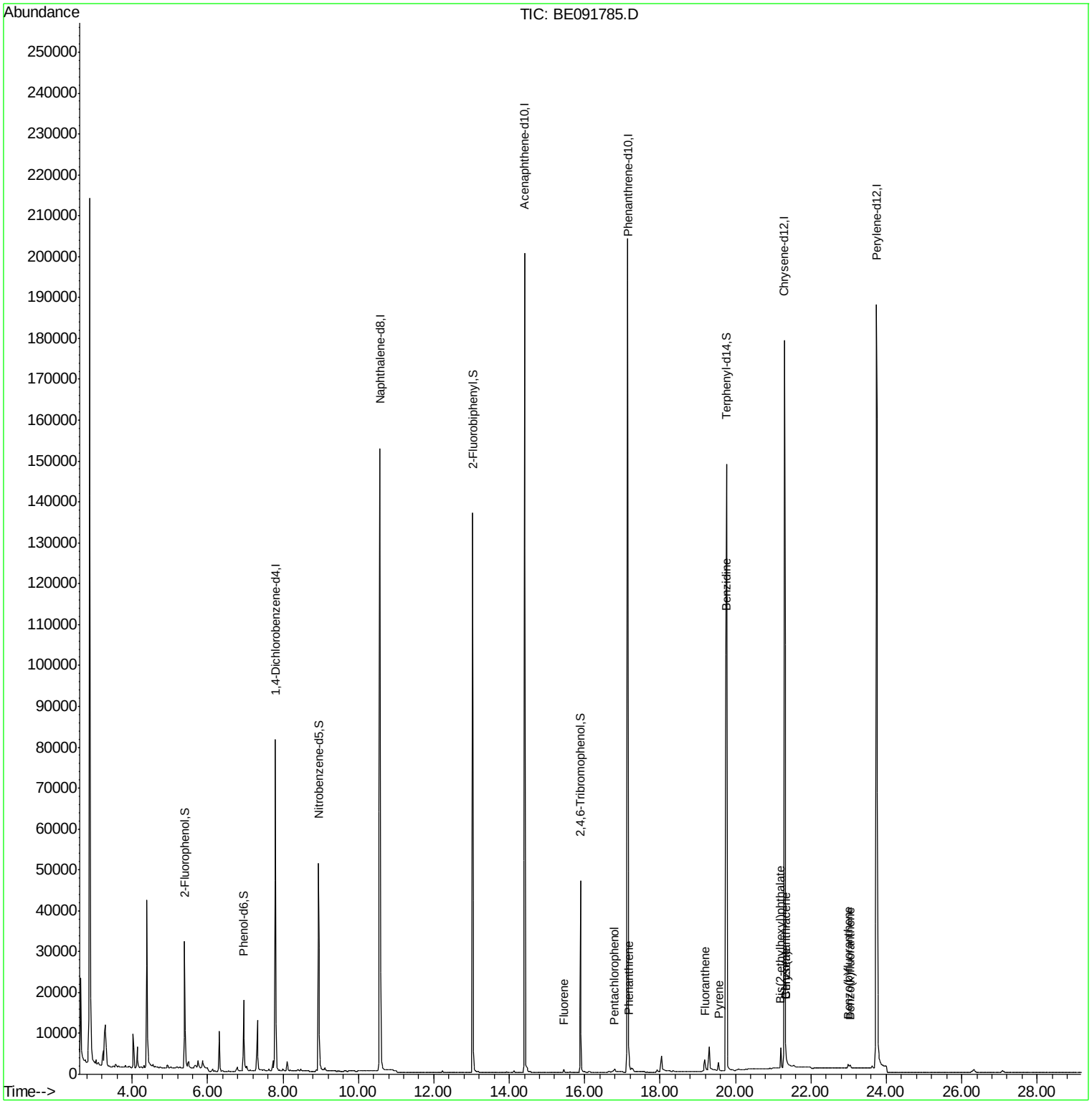
(#) = qualifier out of range (m) = manual integration (+) = signals summed

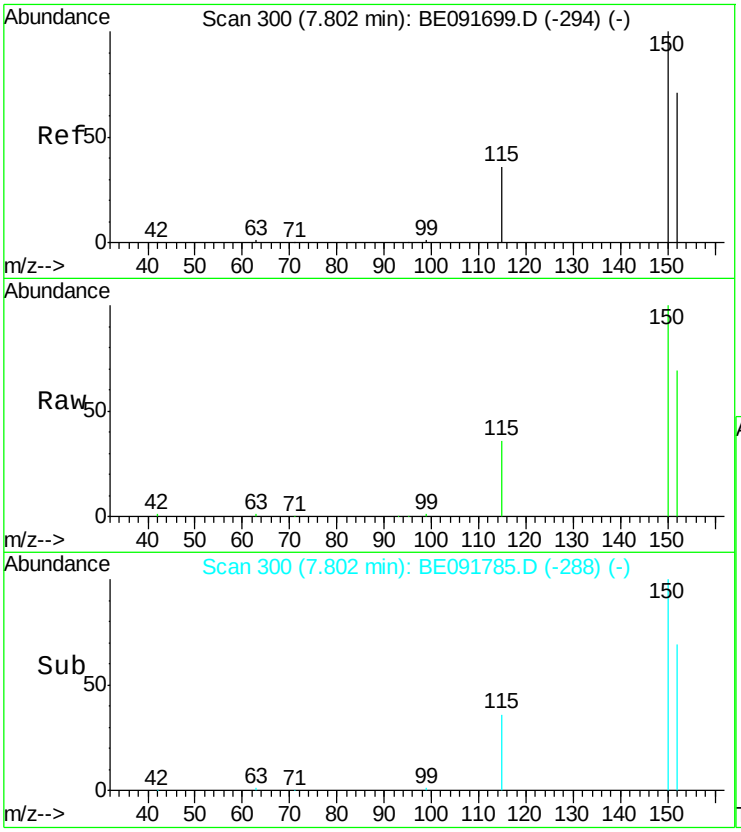
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051616\
Data File : BE091785.D
Acq On : 16 May 2016 22:11
Operator : UM/SJ
Sample : H3065-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SS043MW014-160511

Quant Time: May 17 04:03:20 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration



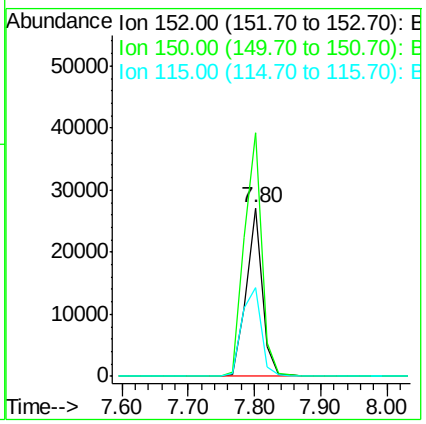


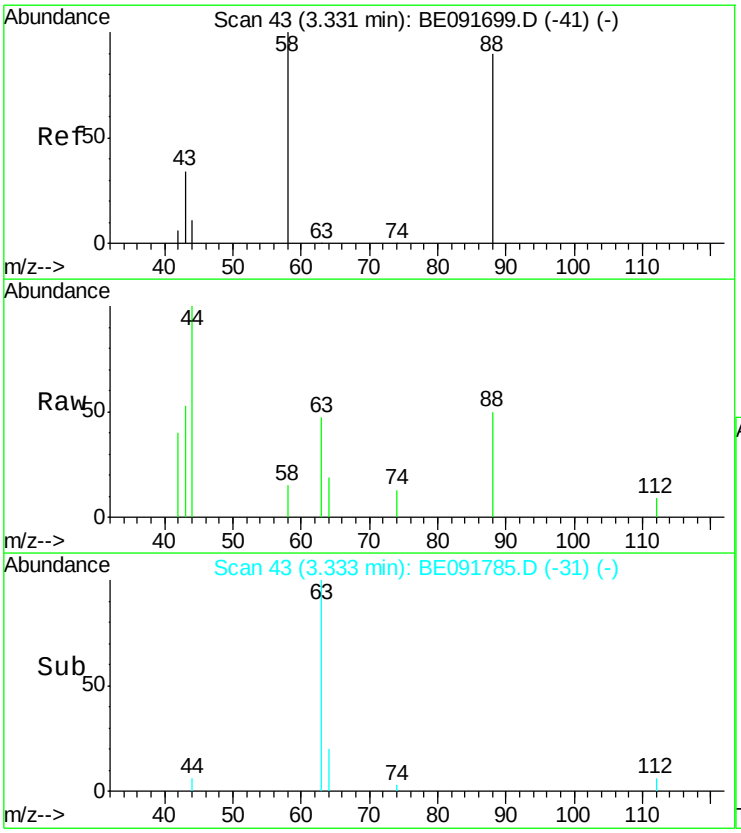
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. -0.00 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Instrument :
BNA_E
ClientSampleId :
SS043MW014-160511

Tgt Ion:152 Resp: 45230

Ion	Ratio	Lower	Upper
152	100		
150	144.8	122.6	183.8
115	52.4	52.8	79.2#

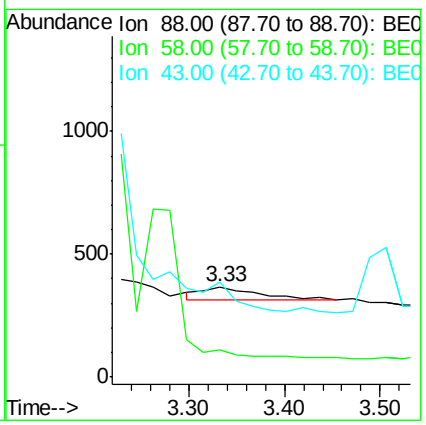


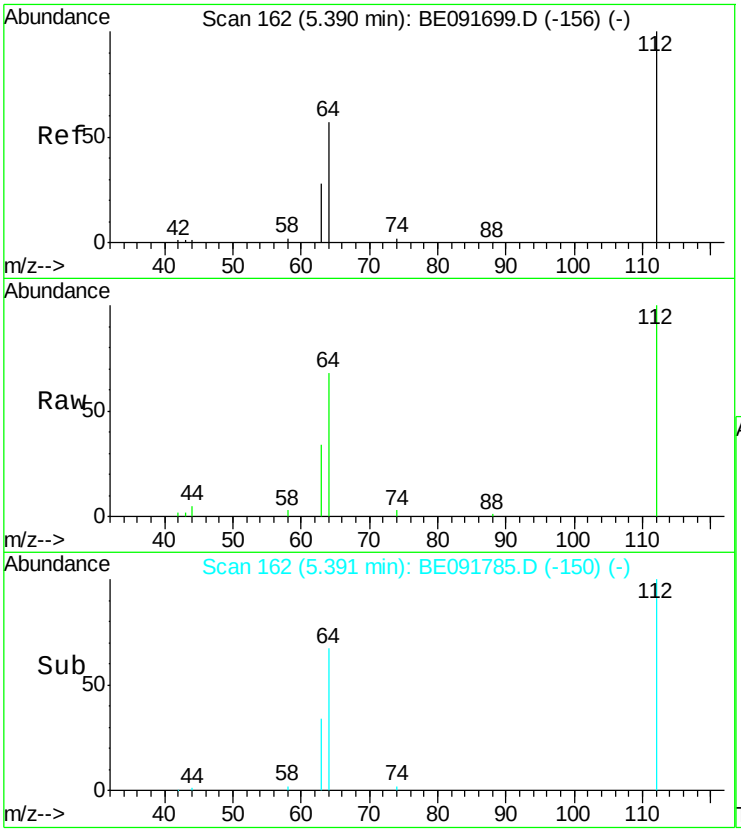


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.33 min Scan# 43
Delta R.T. 0.00 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Tgt Ion: 88 Resp: 215

Ion	Ratio	Lower	Upper
88	100		
58	0.0	65.8	98.6#
43	0.0	25.3	37.9#



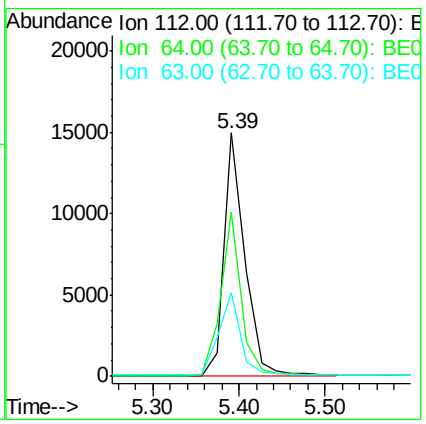


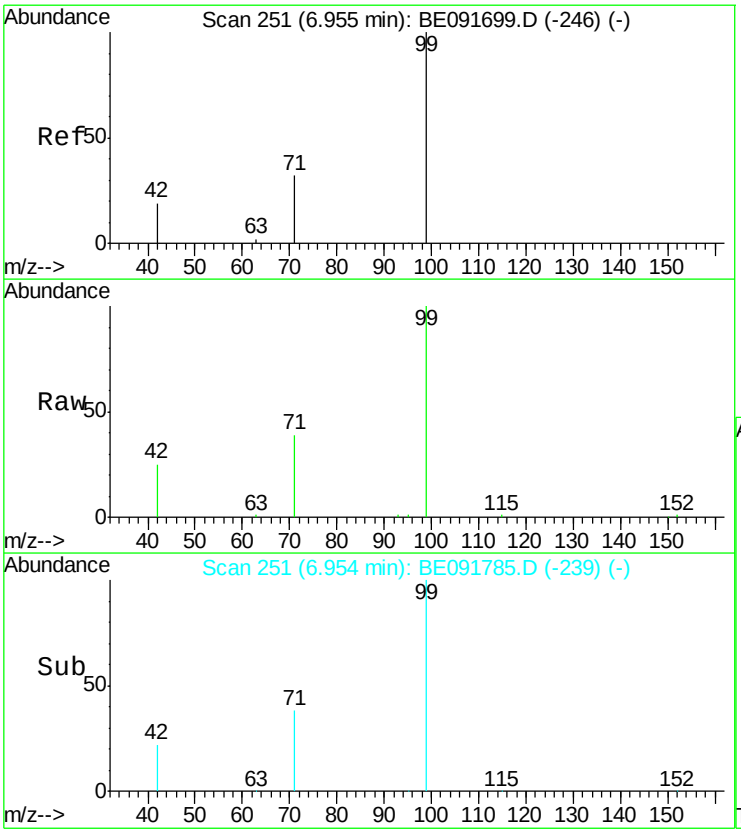
#4
2-Fluorophenol
Concen: 2.25 ng
RT: 5.39 min Scan# 162
Delta R.T. 0.00 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Instrument :
BNA_E
ClientSampleId :
SS043MW014-160511

Tgt Ion:112 Resp: 24984

Ion	Ratio	Lower	Upper
112	100		
64	66.5	30.9	46.3#
63	36.0	16.7	25.1#

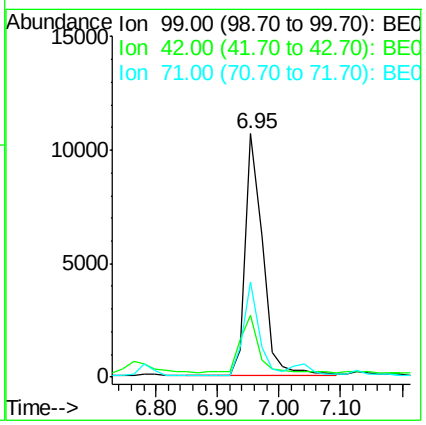


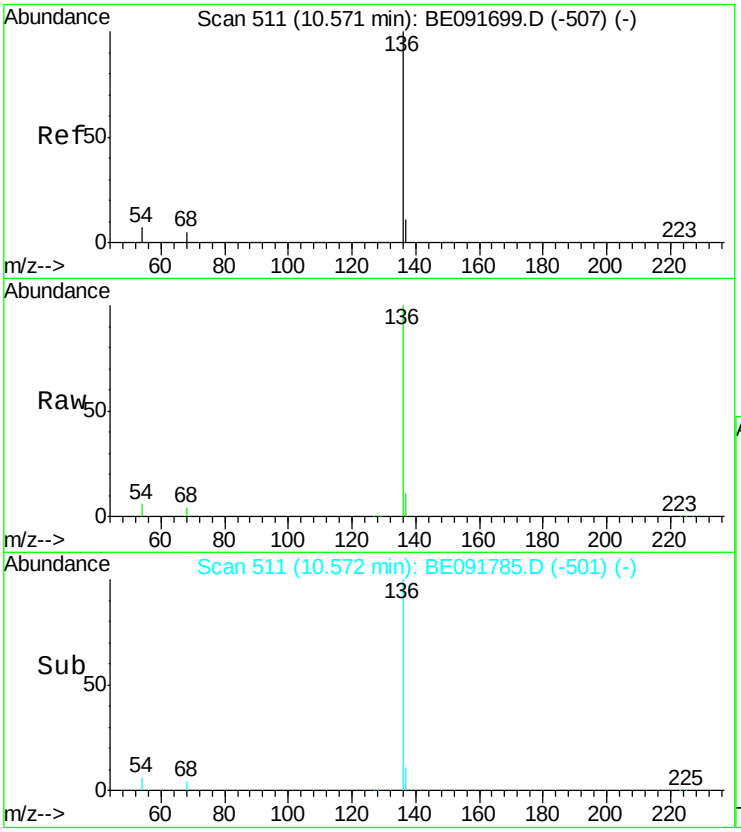


#5
Phenol-d6
Concen: 1.43 ng
RT: 6.95 min Scan# 251
Delta R.T. -0.00 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Tgt Ion: 99 Resp: 21024

Ion	Ratio	Lower	Upper
99	100		
42	24.3	16.2	24.2#
71	34.8	29.0	43.4



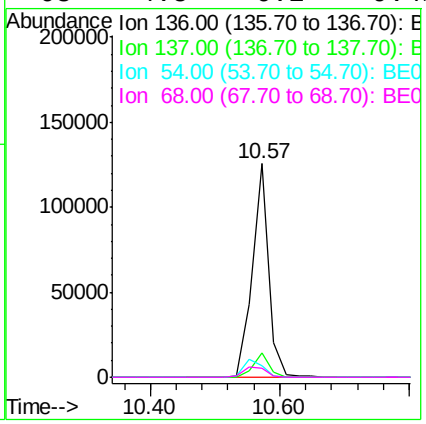


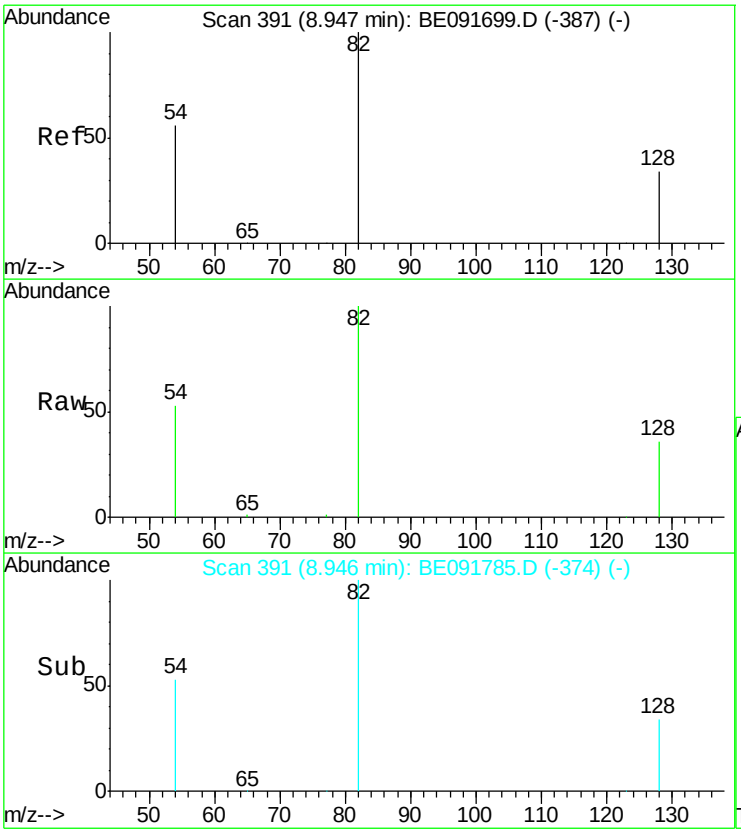
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. 0.00 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Instrument :
BNA_E
ClientSampleId :
SS043MW014-160511

Tgt Ion:136 Resp: 222142

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	5.6	8.2	12.4#
68	4.5	6.2	9.4#

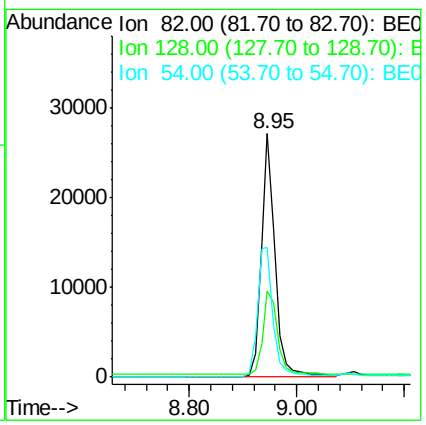


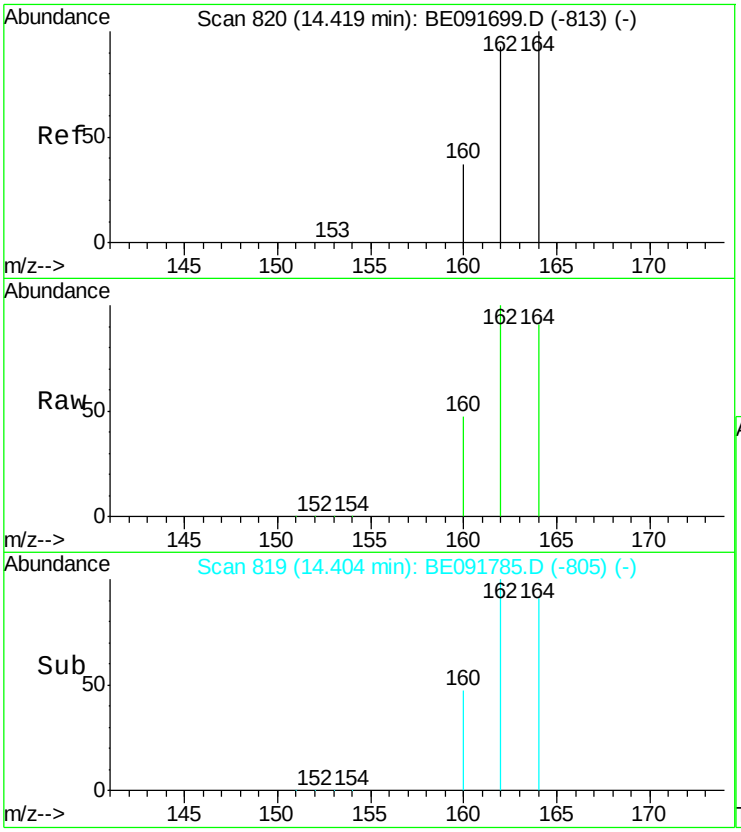


#8
Nitrobenzene-d5
Concen: 3.38 ng
RT: 8.95 min Scan# 391
Delta R.T. -0.00 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Tgt Ion: 82 Resp: 48446

Ion	Ratio	Lower	Upper
82	100		
128	35.5	25.4	38.0
54	53.3	48.4	72.6



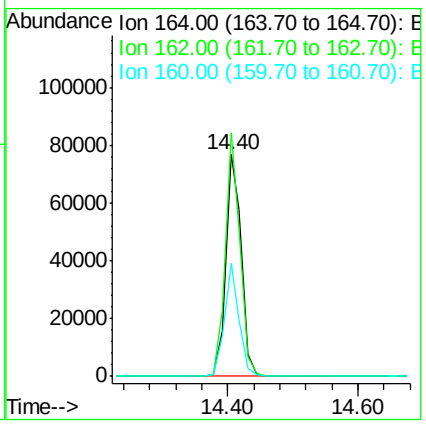


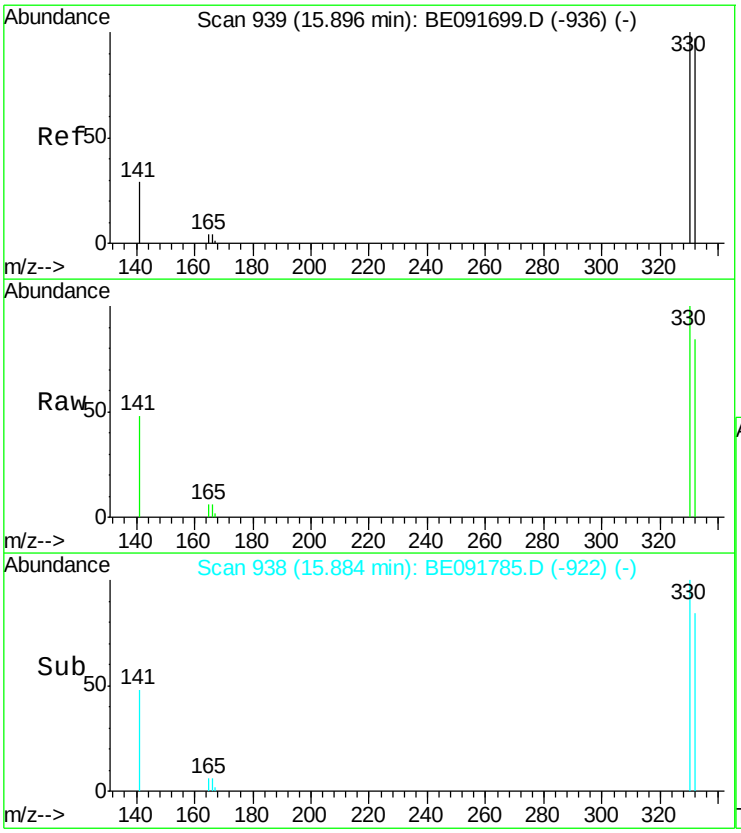
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Instrument :
BNA_E
ClientSampleId :
SS043MW014-160511

Tgt Ion:164 Resp: 128886

Ion	Ratio	Lower	Upper
164	100		
162	110.0	85.3	127.9
160	51.3	46.2	69.2

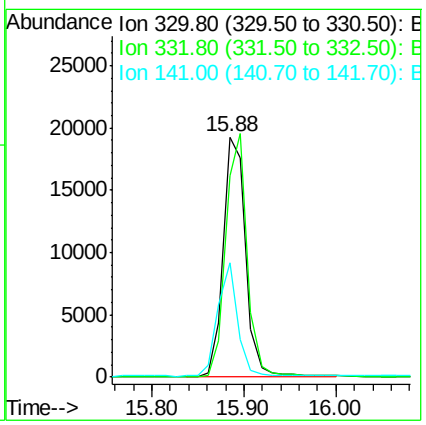


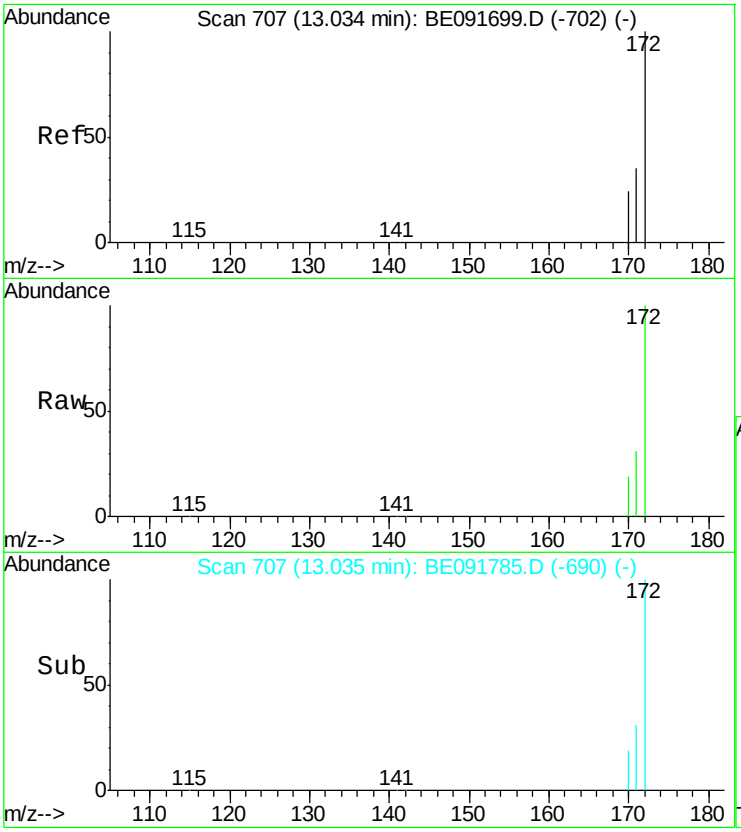


#14
2,4,6-Tribromophenol
Concen: 6.80 ng
RT: 15.88 min Scan# 938
Delta R.T. -0.01 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Tgt Ion:330 Resp: 32503

Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.1	118.7
141	41.9	125.4	188.0#



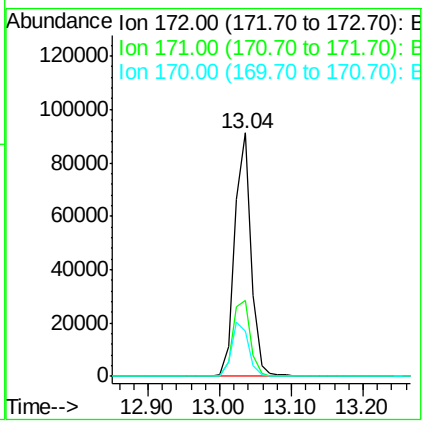


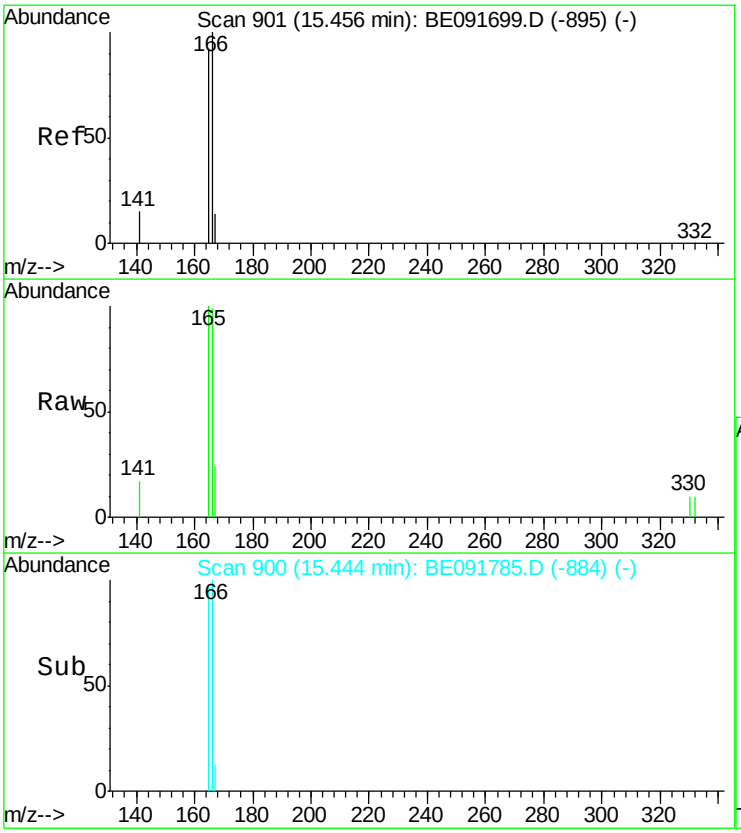
#15
2-Fluorobiphenyl
Concen: 3.92 ng
RT: 13.04 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Instrument :
BNA_E
ClientSampleId :
SS043MW014-160511

Tgt Ion:172 Resp: 143047

Ion	Ratio	Lower	Upper
172	100		
171	31.3	28.8	43.2
170	18.7	19.3	28.9#

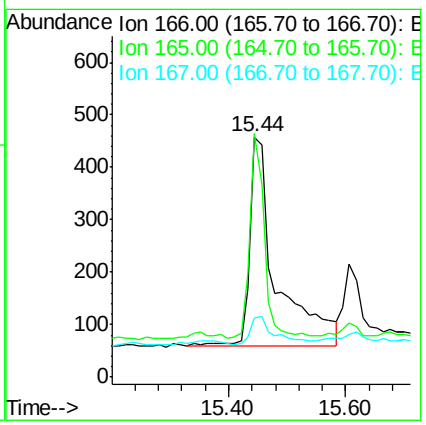


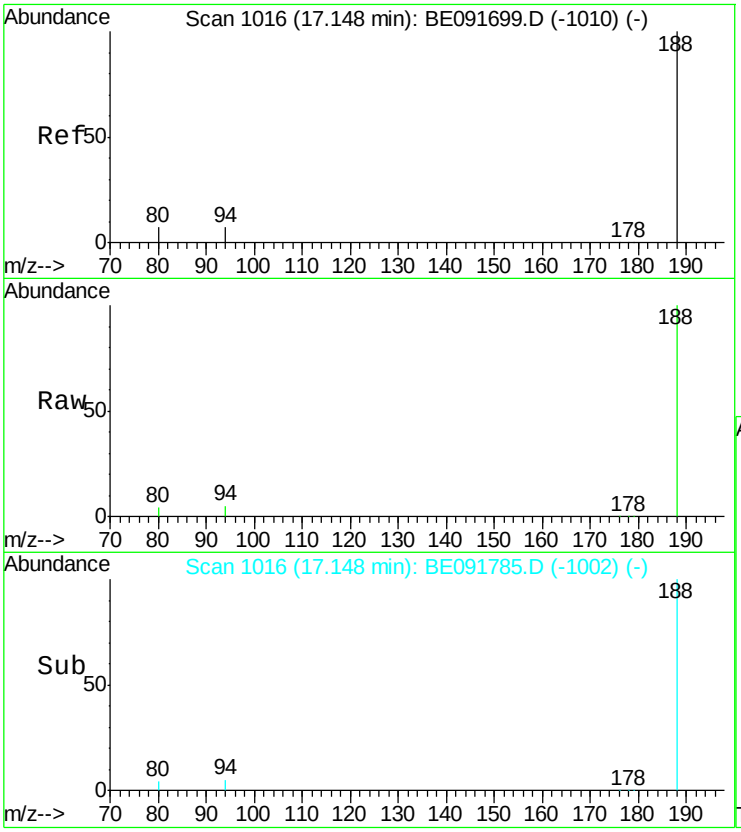


#18
Fluorene
Concen: 0.03 ng
RT: 15.44 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Tgt Ion:166 Resp: 1237

Ion	Ratio	Lower	Upper
166	100		
165	54.1	80.8	121.2#
167	12.4	10.9	16.3



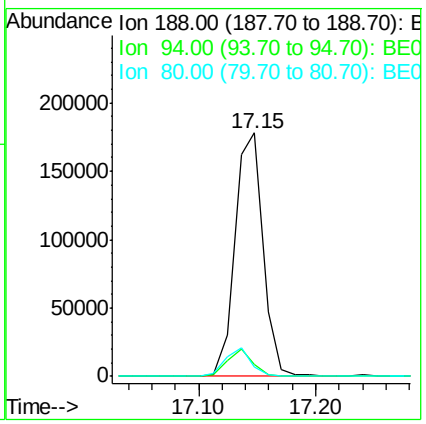


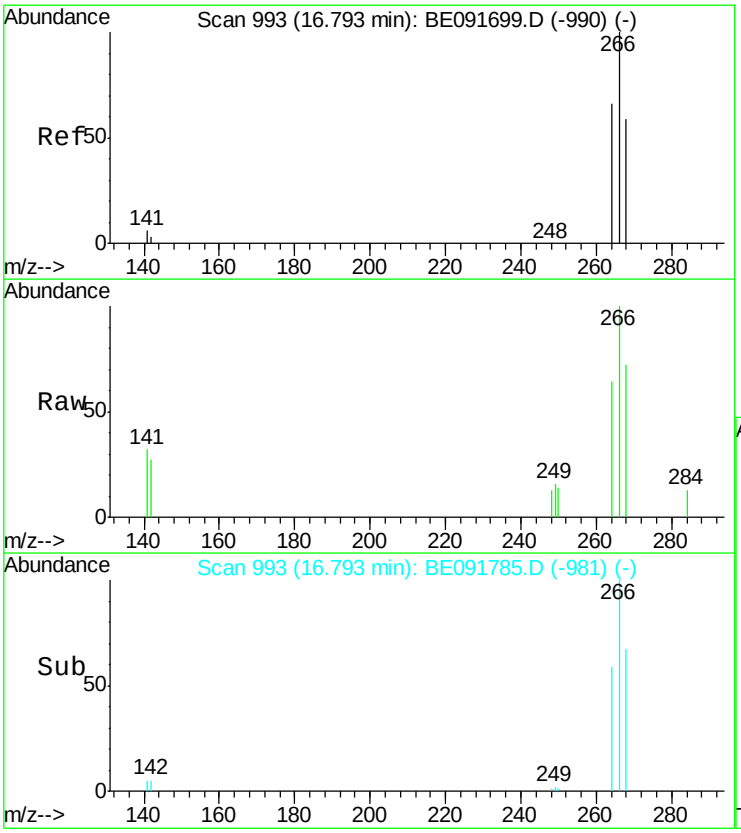
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Instrument :
BNA_E
ClientSampleId :
SS043MW014-160511

Tgt Ion:188 Resp: 297221

Ion	Ratio	Lower	Upper
188	100		
94	4.7	8.7	13.1#
80	3.9	9.4	14.0#

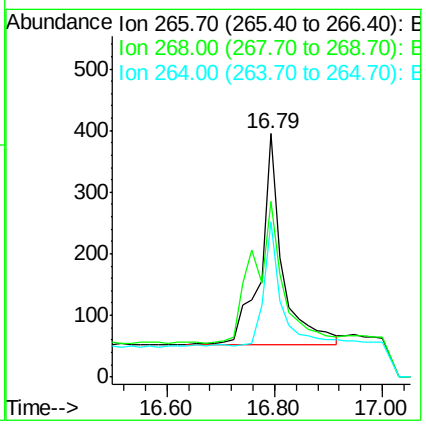


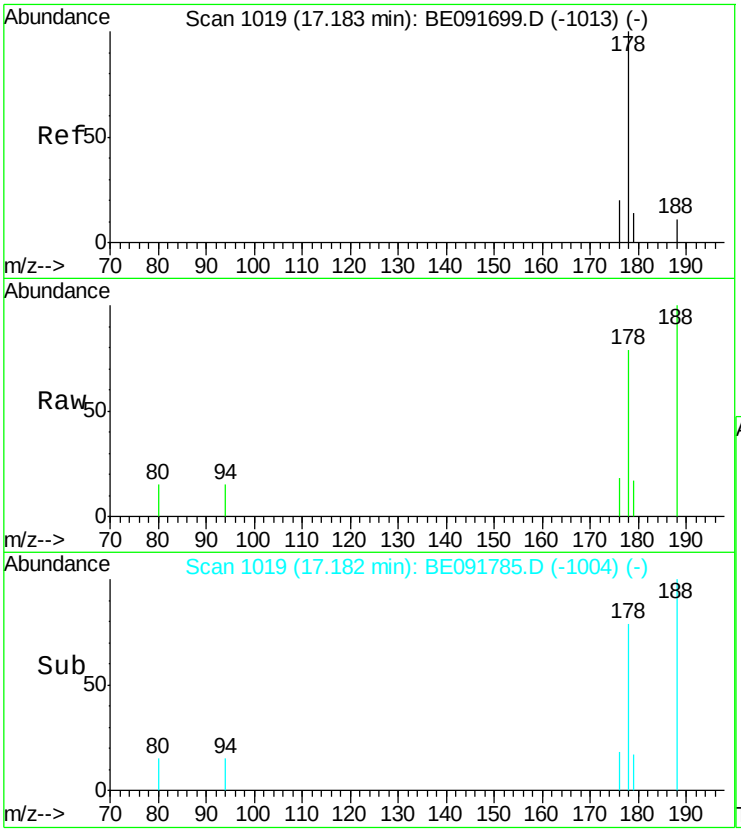


#22
Pentachlorophenol
Concen: 0.26 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Tgt Ion:266 Resp: 958

Ion	Ratio	Lower	Upper
266	100		
268	72.2	58.2	87.2
264	63.8	56.2	84.4



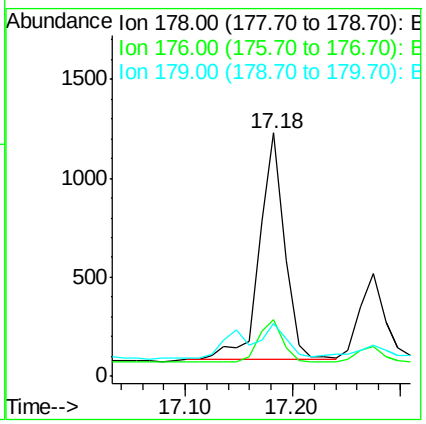


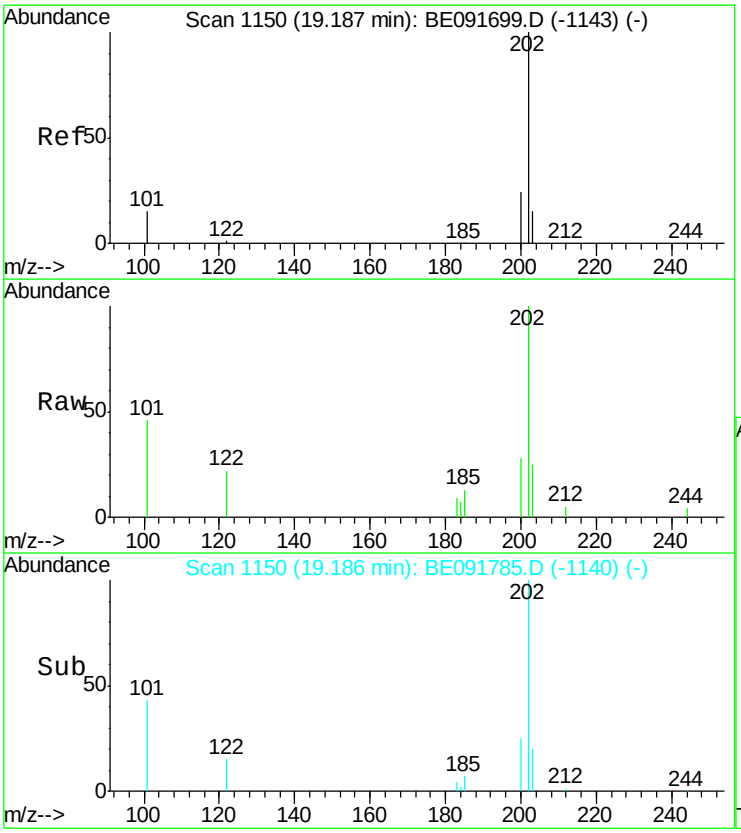
#23
Phenanthrene
Concen: 0.03 ng
RT: 17.18 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Instrument :
BNA_E
ClientSampleId :
SS043MW014-160511

Tgt Ion:178 Resp: 1876

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.3	22.9
179	0.0	12.6	18.8#

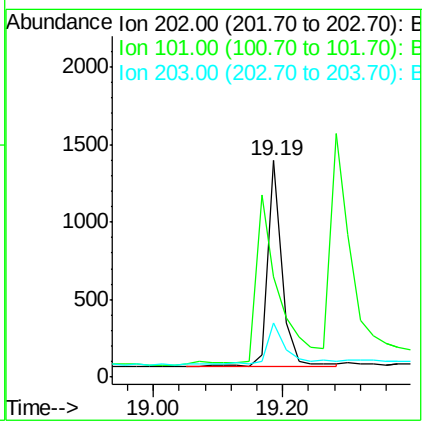


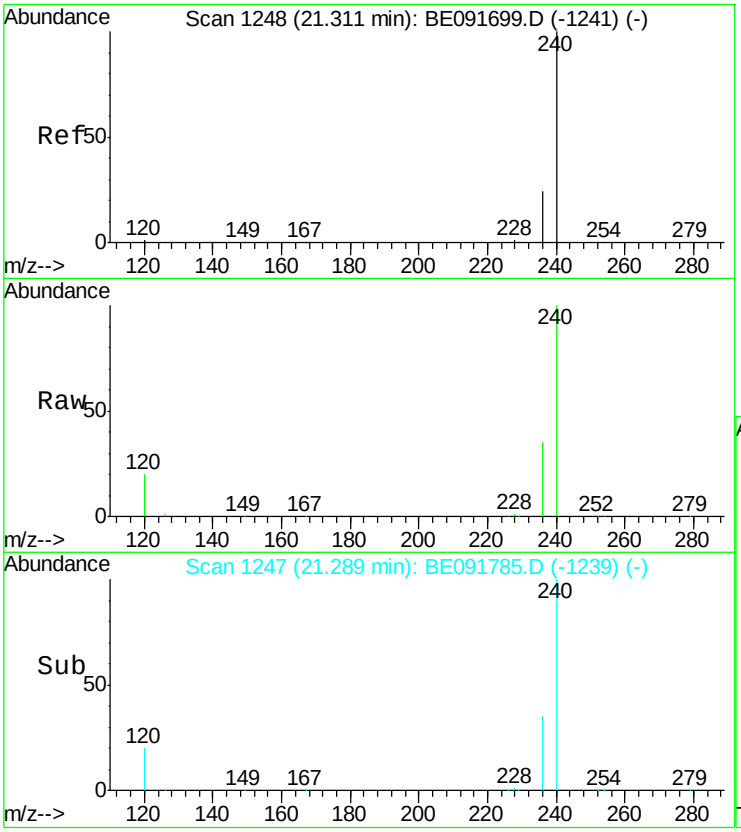


#25
Fluoranthene
Concen: 0.03 ng
RT: 19.19 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Tgt Ion:202 Resp: 2071

Ion	Ratio	Lower	Upper
202	100		
101	123.8	11.0	16.6#
203	27.4	13.9	20.9#



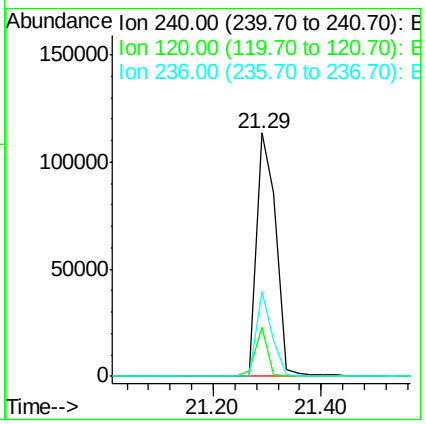


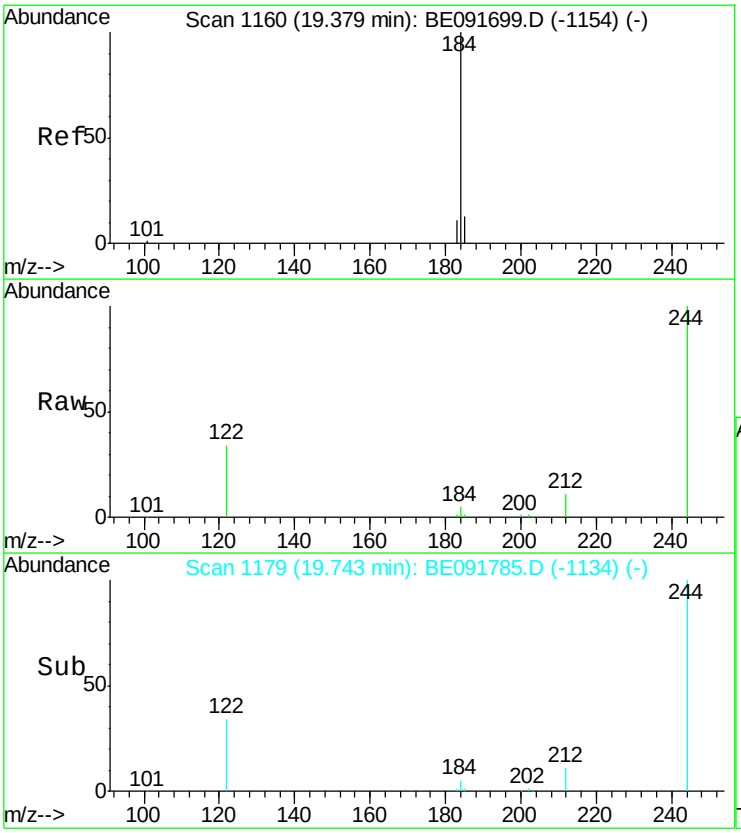
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Instrument :
BNA_E
ClientSampleId :
SS043MW014-160511

Tgt Ion:240 Resp: 285130

Ion	Ratio	Lower	Upper
240	100		
120	20.4	11.0	16.4#
236	34.7	21.7	32.5#

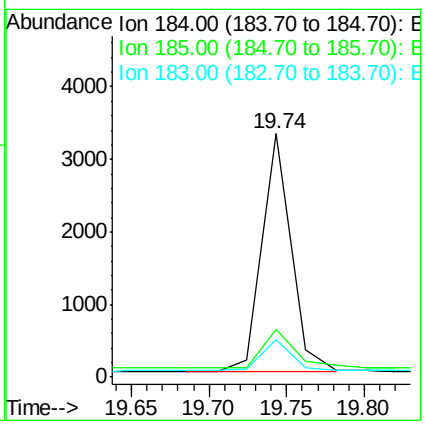


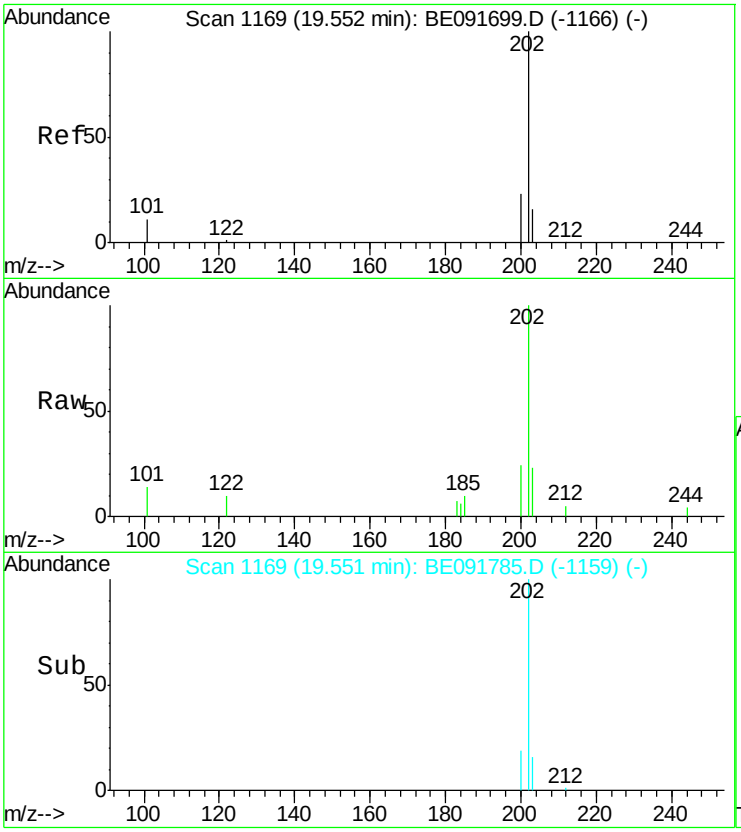


#27
Benzidine
Concen: 0.35 ng
RT: 19.74 min Scan# 1179
Delta R.T. 0.37 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Tgt Ion:184 Resp: 4316

Ion	Ratio	Lower	Upper
184	100		
185	19.6	22.3	33.5#
183	15.5	16.4	24.6#



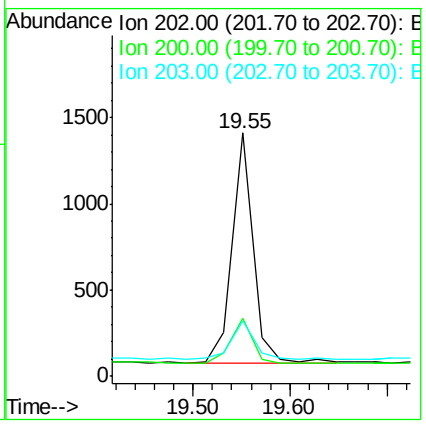


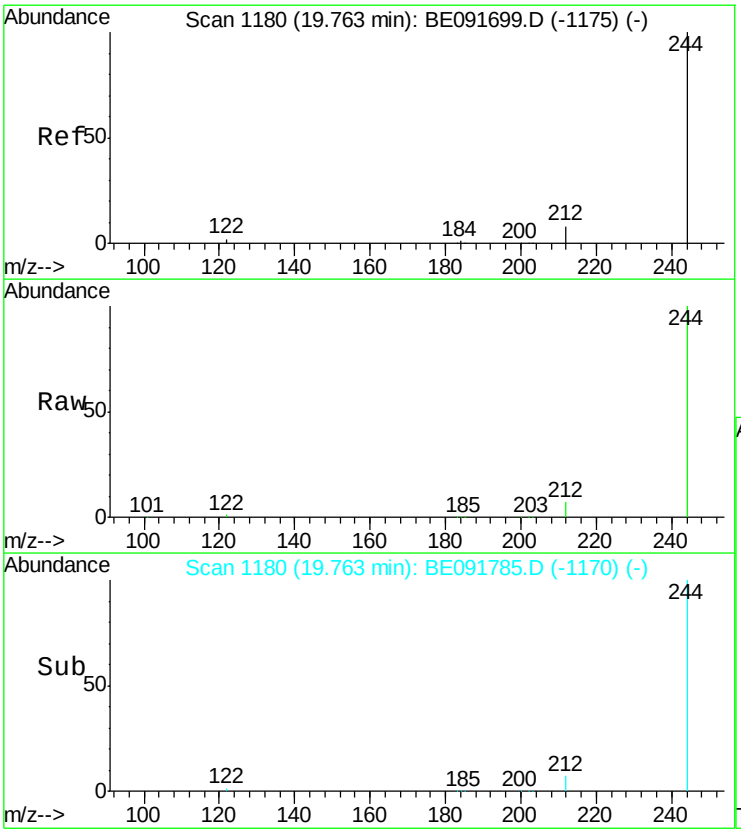
#28
Pyrene
Concen: 0.03 ng
RT: 19.55 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Instrument :
BNA_E
ClientSampleId :
SS043MW014-160511

Tgt Ion:202 Resp: 1963

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	18.9	14.0	21.0

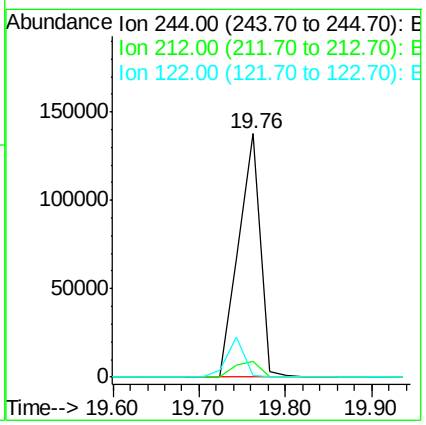


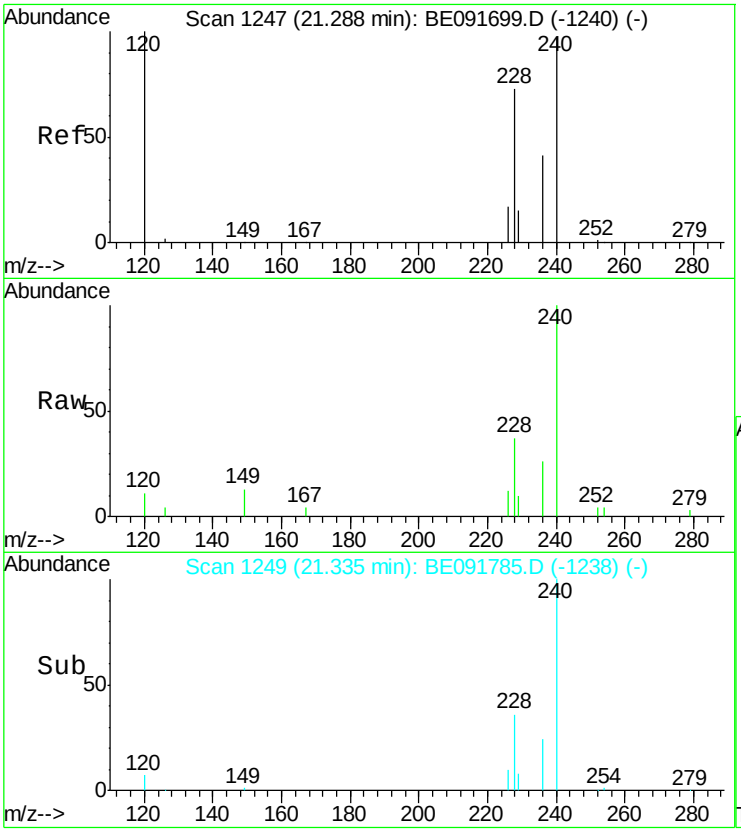


#29
Terphenyl-d14
Concen: 5.44 ng
RT: 19.76 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Tgt Ion:244 Resp: 241761

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.9	10.3#
122	0.7	11.0	16.4#



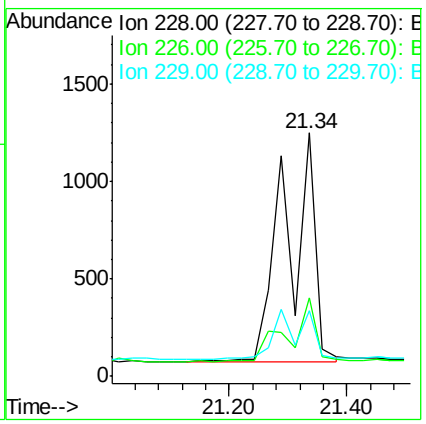


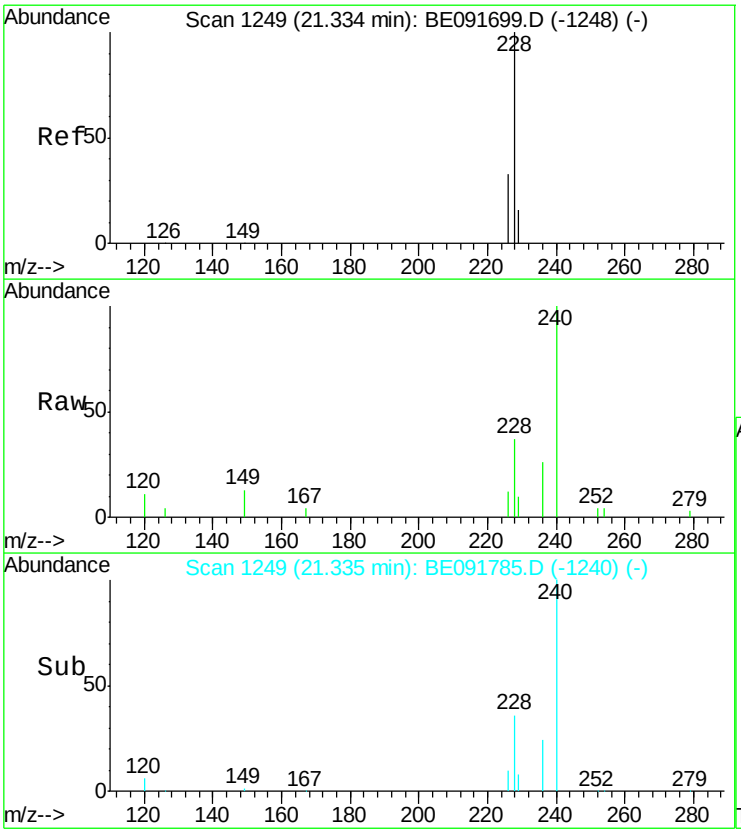
#30
Benzo(a)anthracene
Concen: 0.06 ng
RT: 21.34 min Scan# 1249
Delta R.T. 0.05 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Instrument :
BNA_E
ClientSampleId :
SS043MW014-160511

Tgt Ion:228 Resp: 4068

Ion	Ratio	Lower	Upper
228	100		
226	32.0	21.0	31.4#
229	27.1	15.7	23.5#

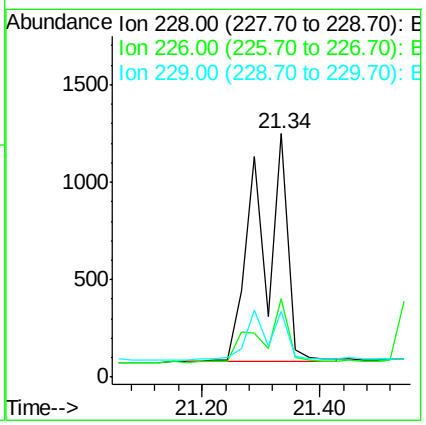


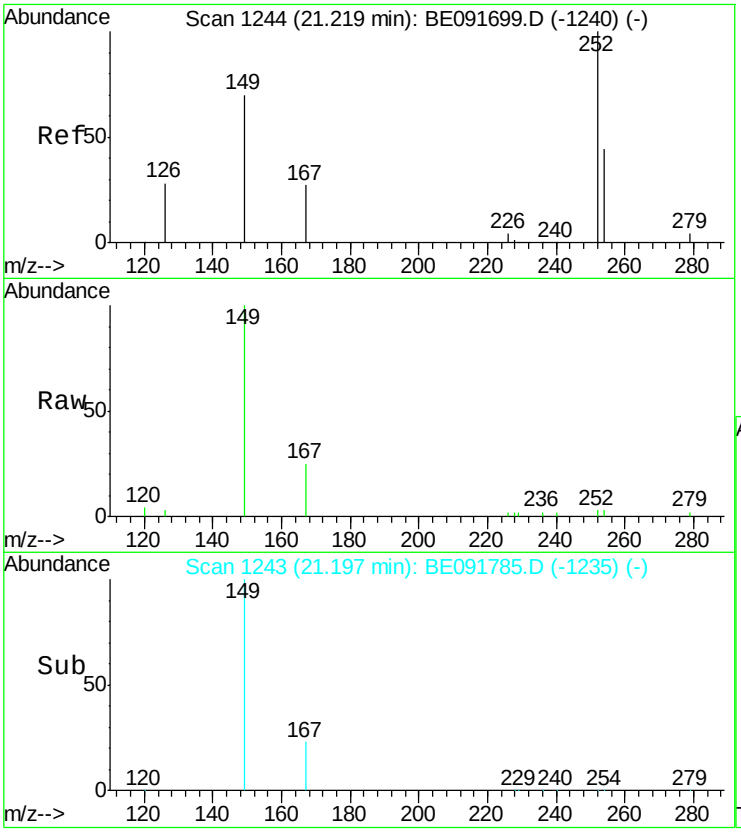


#32
Chrysene
Concen: 0.06 ng
RT: 21.34 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Tgt Ion:228 Resp: 4061

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.0	36.0
229	27.1	15.9	23.9#



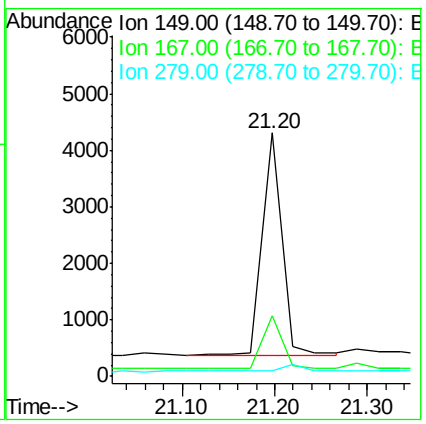


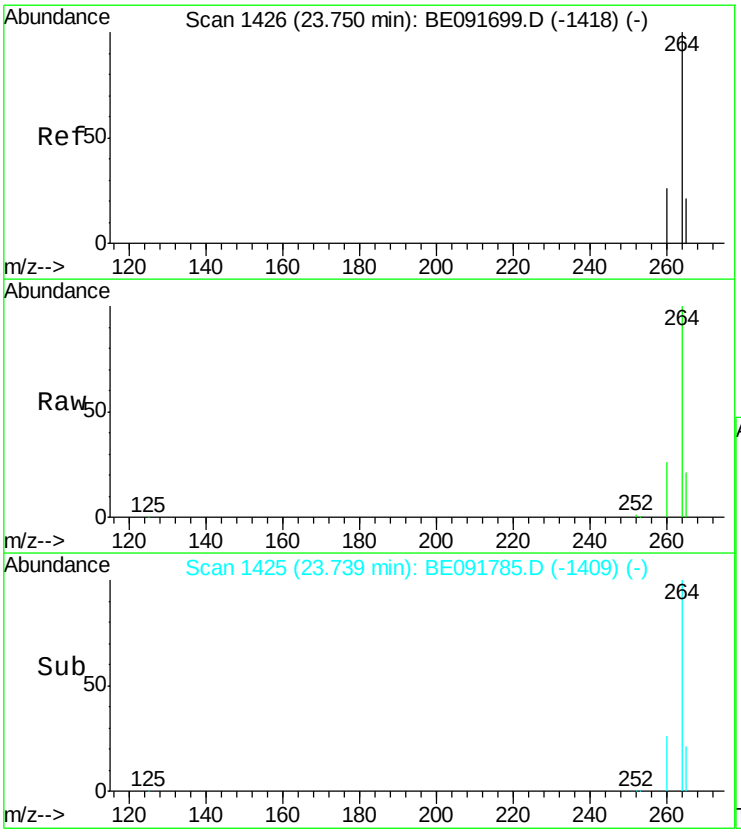
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.28 ng
RT: 21.20 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Instrument :
BNA_E
ClientSampleId :
SS043MW014-160511

Tgt Ion:149 Resp: 5846

Ion	Ratio	Lower	Upper
149	100		
167	23.5	19.5	29.3
279	0.0	10.0	15.0#

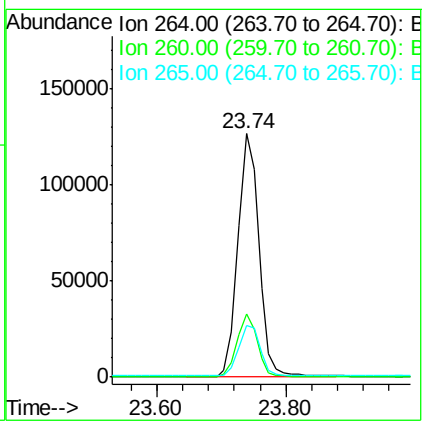


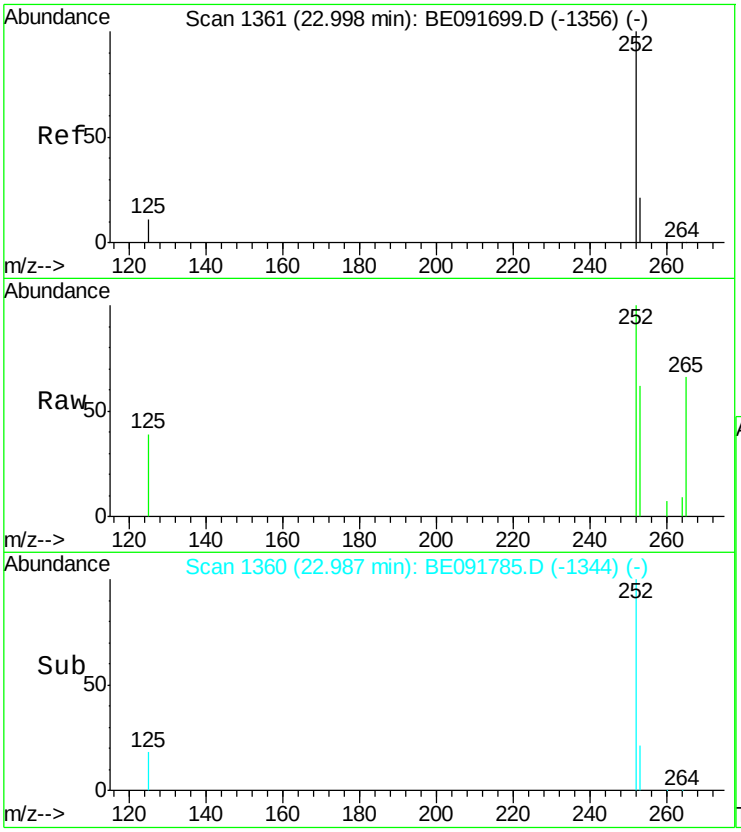


#35
Perylene-d12
Concen: 5.00 ng
RT: 23.74 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Tgt Ion:264 Resp: 286339

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.0	30.0
265	21.2	17.5	26.3



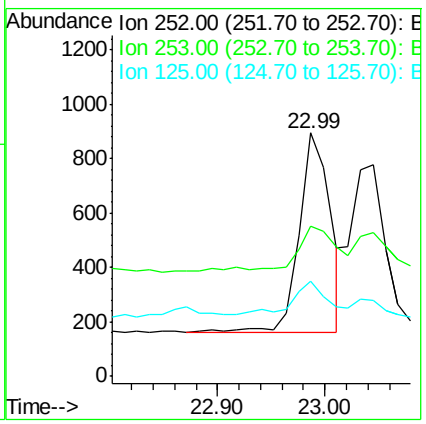


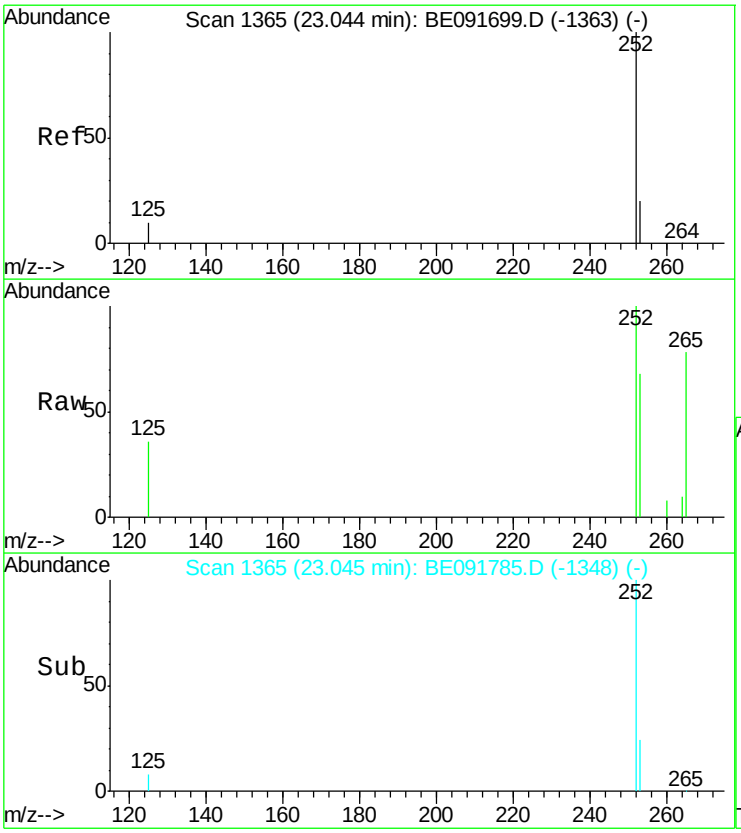
#36
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 22.99 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Instrument :
BNA_E
ClientSampleId :
SS043MW014-160511

Tgt Ion:252 Resp: 1504

Ion	Ratio	Lower	Upper
252	100		
253	61.7	17.4	26.0#
125	39.1	10.2	15.2#





#37
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 23.04 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BE091785.D
Acq: 16 May 2016 22:11

Tgt Ion:252 Resp: 1394

Ion	Ratio	Lower	Upper
252	100		
253	67.8	17.6	26.4#
125	35.6	9.9	14.9#