Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
Data File : BE091822.D
Acq On : 19 May 2016 22:36
Operator : UM/SJ
Sample : H3084-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512

Manual Integrations APPROVED
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Quant Time: May 20 06:07:31 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 15:36:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	28127	5.00	ng		-0.02
7) Naphthalene-d8	10.55	136	150759	5.00	ng		-0.02
13) Acenaphthene-d10	14.41	164	98637	5.00	ng		-0.01
19) Phenanthrene-d10	17.14	188	230268	5.00	ng		-0.01
26) Chrysene-d12	21.29	240	278489	5.00	ng		-0.02
35) Perylene-d12	23.73	264	246614	5.00	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	31627	4.30	ng		0.00
5) Phenol-d6	6.96	99	34776	3.36	ng		0.00
8) Nitrobenzene-d5	8.93	82	50166	5.02	ng		-0.01
14) 2,4,6-Tribromophenol	15.89	330	39465	10.31	ng		-0.01
15) 2-Fluorobiphenyl	13.03	172	68191	2.44	ng		0.00
29) Terphenyl-d14	19.74	244	194593	4.94	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	264016	86.57	ng		87
6) bis(2-Chloroethyl)ether	7.21	93	161495	19.44	ng	#	75
10) Naphthalene	10.61	128	5760	0.17	ng	#	90
12) 2-Methylnaphthalene	12.23	142	2930	0.13	ng	#	85
17) Acenaphthene	14.46	154	40748	1.54	ng		89
18) Fluorene	15.45	166	31528	0.92	ng		97
23) Phenanthrene	17.17	178	8014m	0.08	ng		
24) Anthracene	17.26	178	7941	0.16	ng	#	90
25) Fluoranthene	19.19	202	11181	0.18	ng	#	79
28) Pyrene	19.55	202	7524	0.12	ng	#	66
33) Bis(2-ethylhexyl)phthalate	21.20	149	9168	0.47	ng	#	77

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
Data File : BE091822.D
Acq On : 19 May 2016 22:36
Operator : UM/SJ
Sample : H3084-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 20 06:07:31 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 15:36:49 2016
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512

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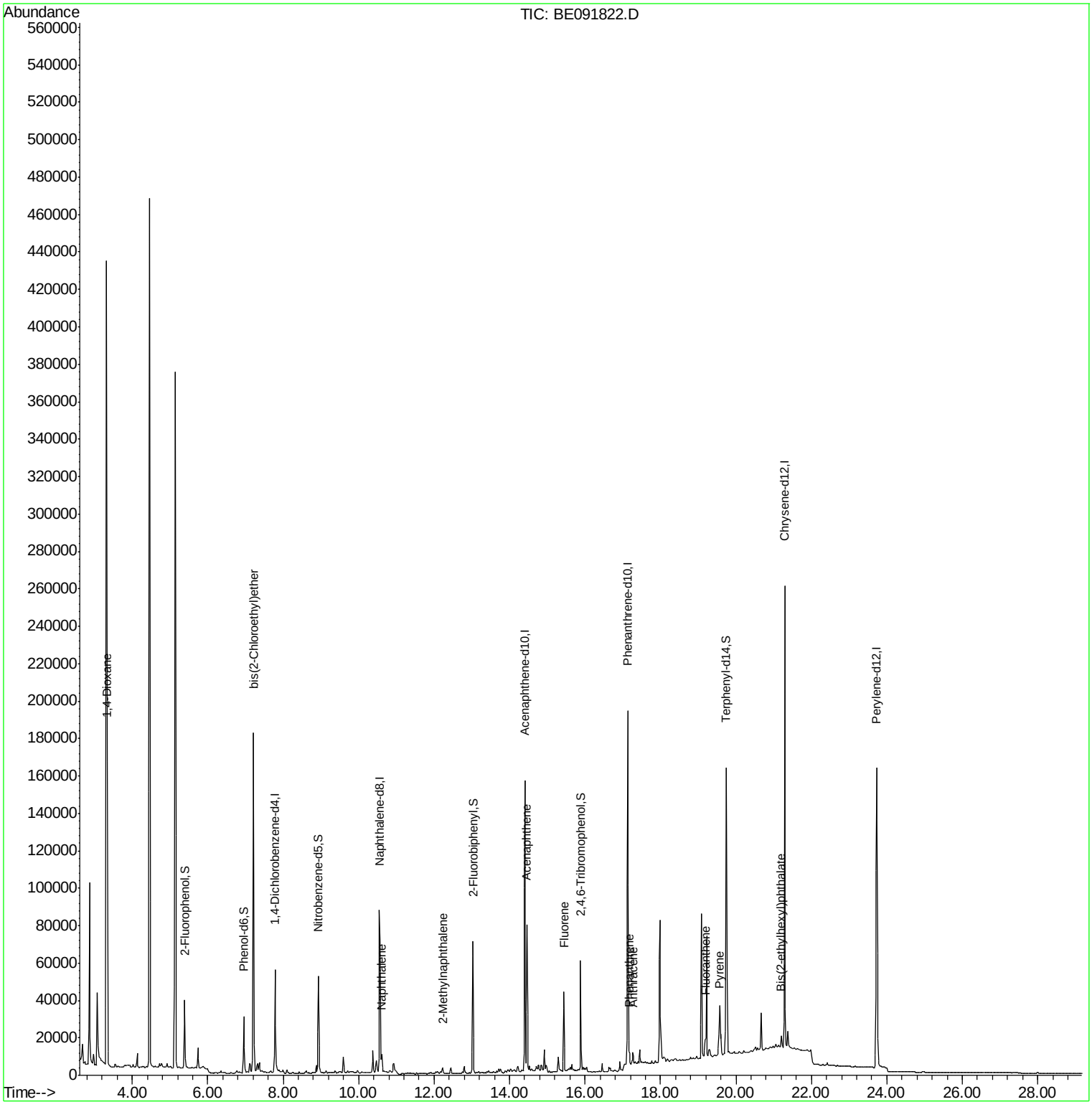
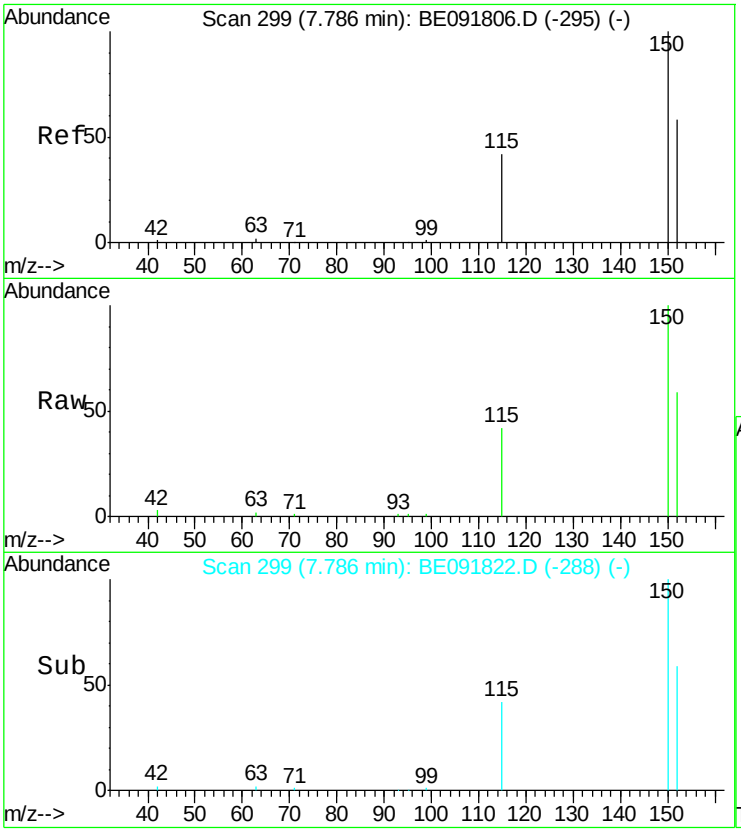
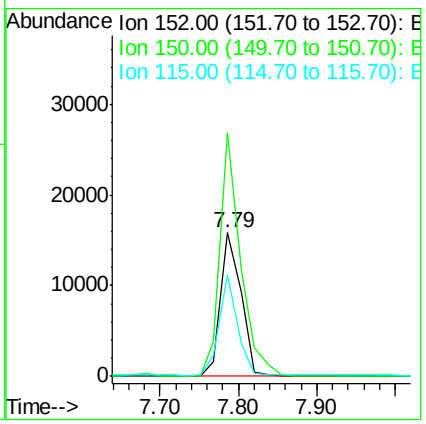




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.79 min Scan# 299
Delta R.T. -0.02 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion:152 Resp: 28127

Ion	Ratio	Lower	Upper
152	100		
150	169.5	122.6	183.8
115	71.1	52.8	79.2



Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512

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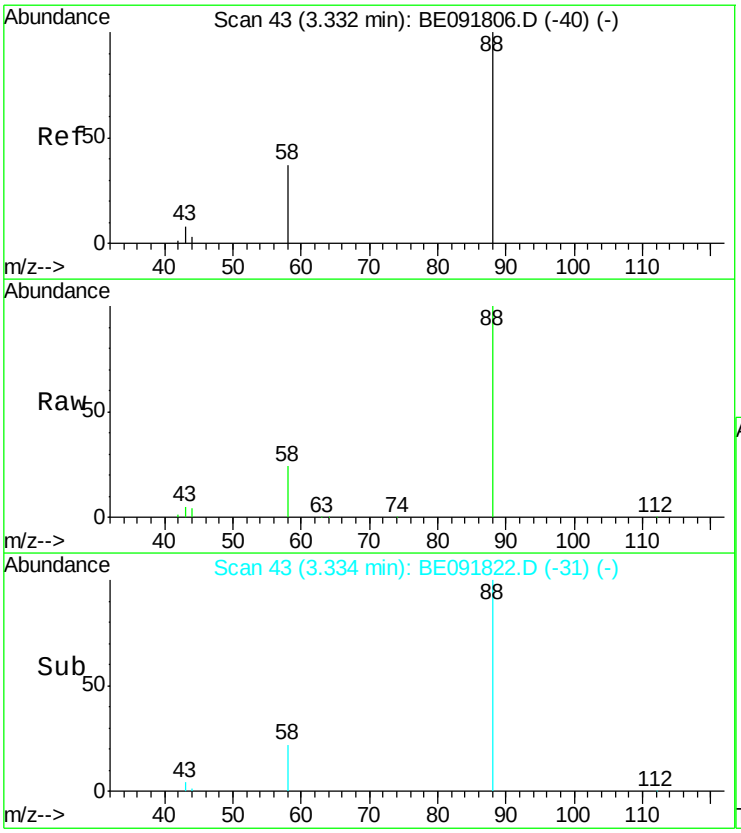
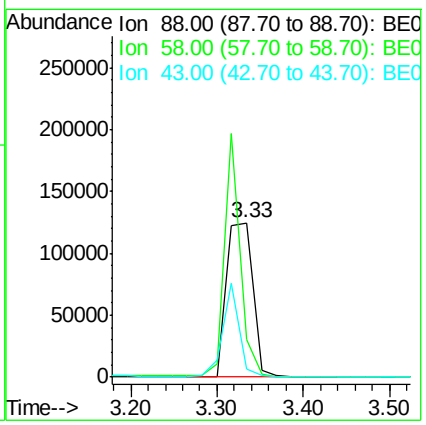
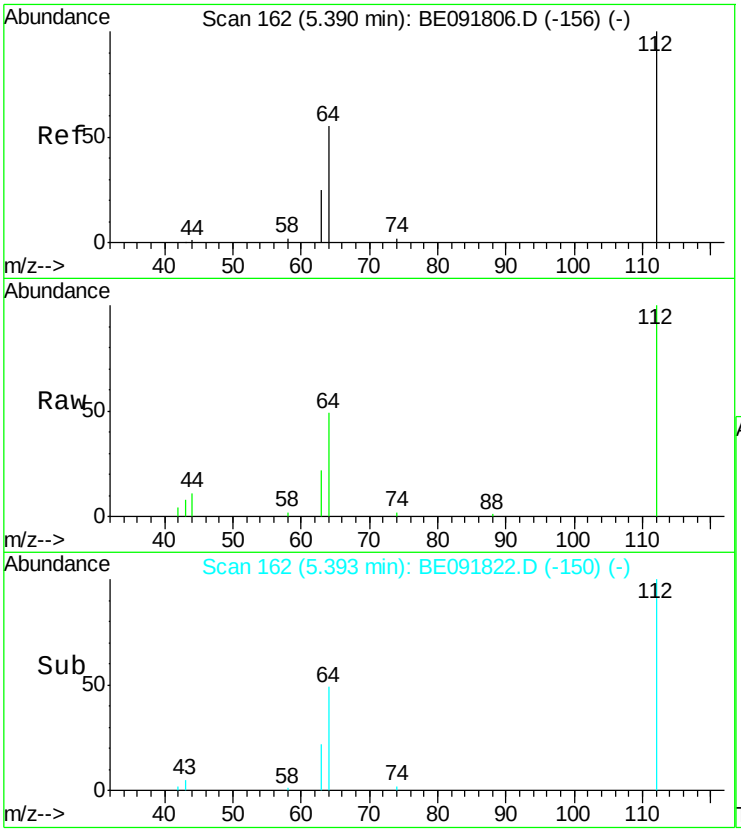


#2
1,4-Dioxane
Concen: 86.57 ng
RT: 3.33 min Scan# 43
Delta R.T. 0.00 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion: 88 Resp: 264016

Ion	Ratio	Lower	Upper
88	100		
58	94.4	65.8	98.6
43	37.5	25.3	37.9





#4
2-Fluorophenol
Concen: 4.30 ng
RT: 5.39 min Scan# 162
Delta R.T. 0.00 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion:112 Resp: 31627

Ion	Ratio	Lower	Upper
112	100		
64	68.0	30.9	46.3#
63	37.3	16.7	25.1#

Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512

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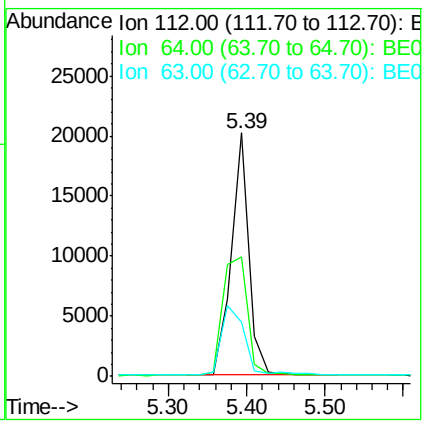
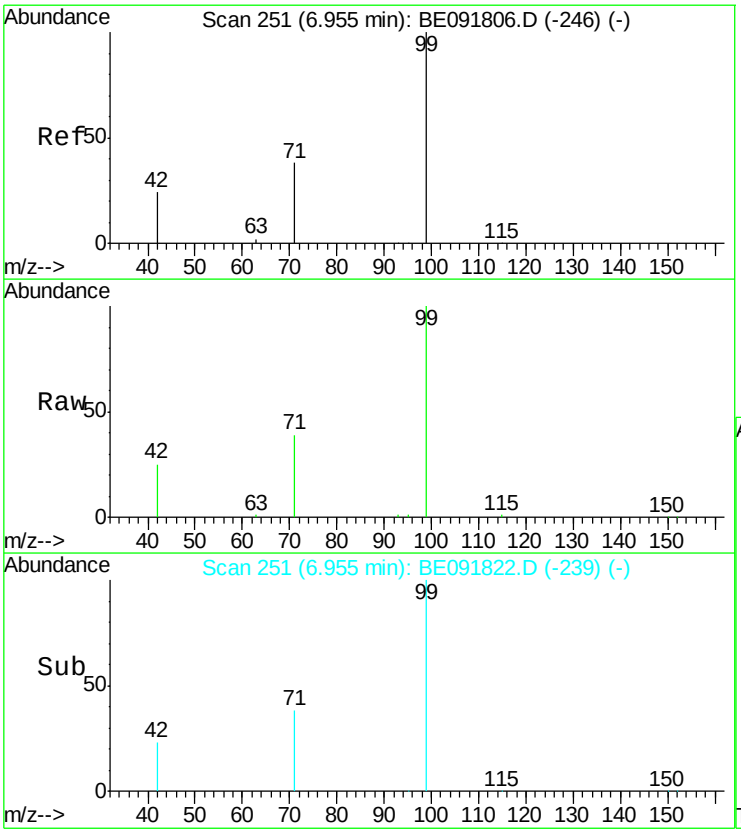
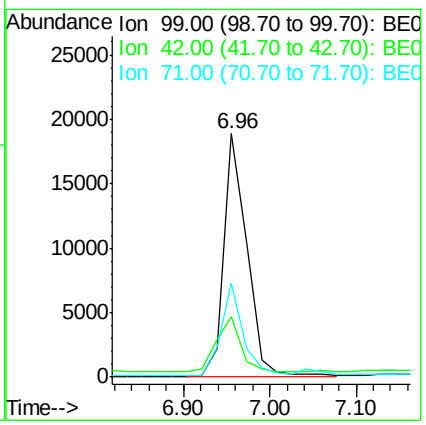


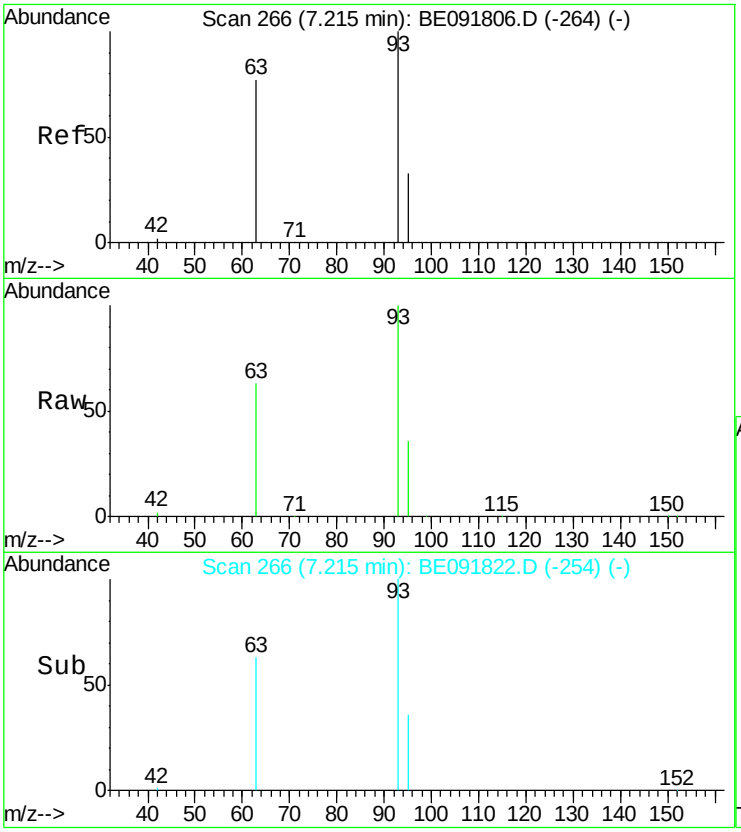


#5
Phenol-d6
Concen: 3.36 ng
RT: 6.96 min Scan# 251
Delta R.T. 0.00 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion: 99 Resp: 34776

Ion	Ratio	Lower	Upper
99	100		
42	24.4	16.2	24.2#
71	37.3	29.0	43.4

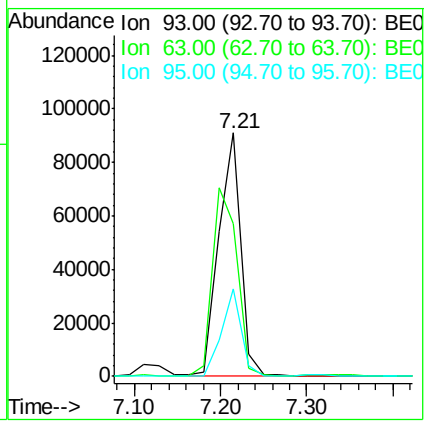




#6
bis(2-Chloroethyl)ether
Concen: 19.44 ng
RT: 7.21 min Scan# 266
Delta R.T. 0.00 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion: 93 Resp: 161495

Ion	Ratio	Lower	Upper
93	100		
63	86.7	49.5	74.3#
95	32.6	22.2	33.4



Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512

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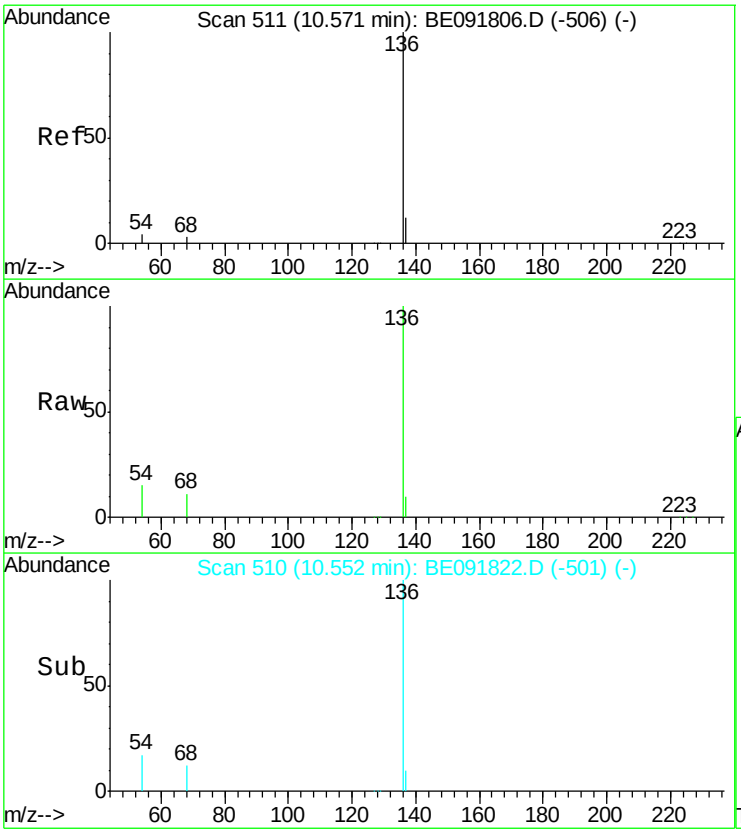
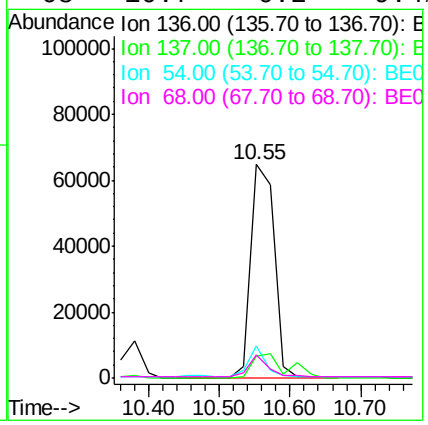
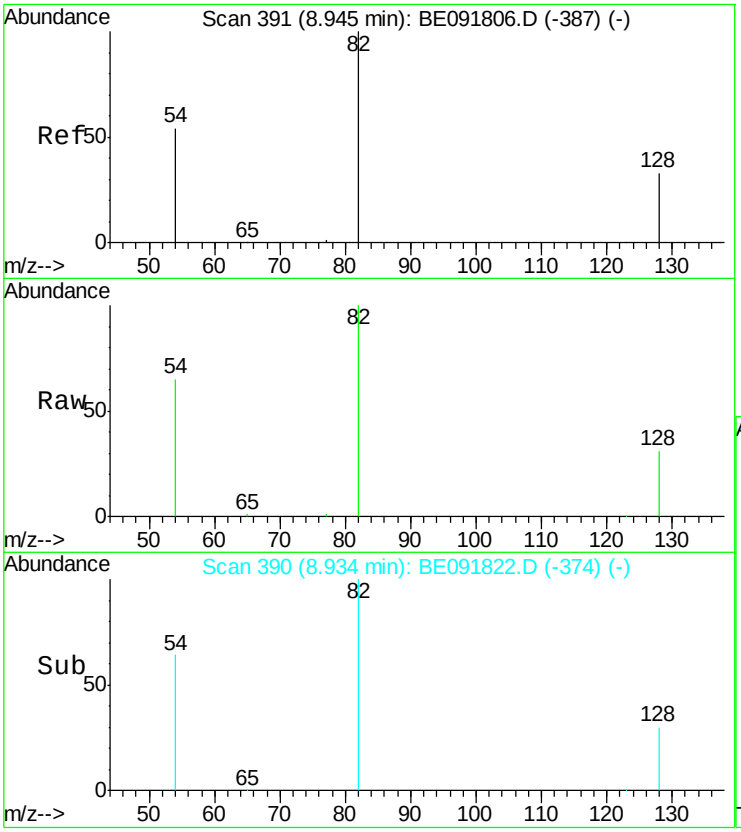


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.55 min Scan# 510
Delta R.T. -0.02 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion:136 Resp: 150759

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.9	13.3
54	14.8	8.2	12.4#
68	10.7	6.2	9.4#

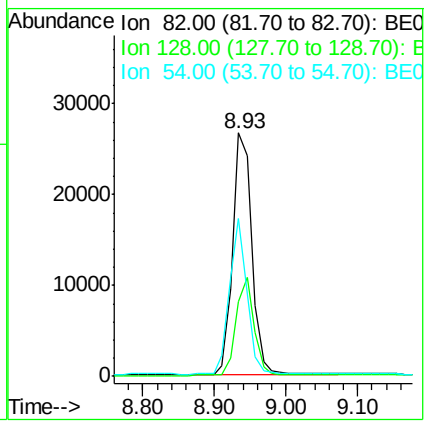




#8
Nitrobenzene-d5
Concen: 5.02 ng
RT: 8.93 min Scan# 390
Delta R.T. -0.01 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion: 82 Resp: 50166

Ion	Ratio	Lower	Upper
82	100		
128	30.7	25.4	38.0
54	64.8	48.4	72.6



Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512

Manual Integrations APPROVED
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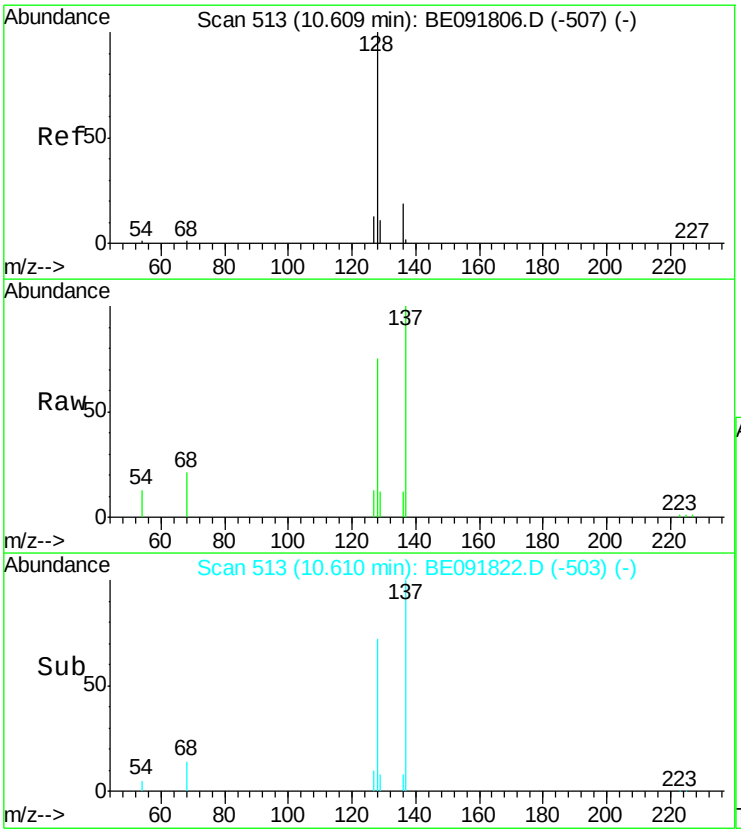
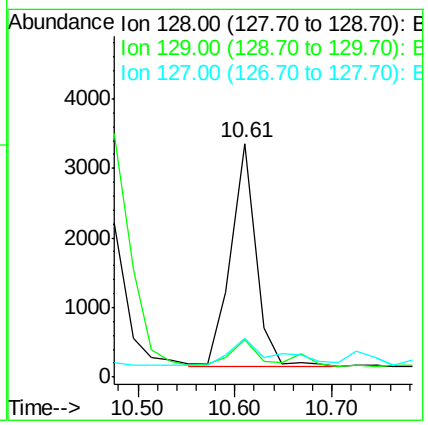
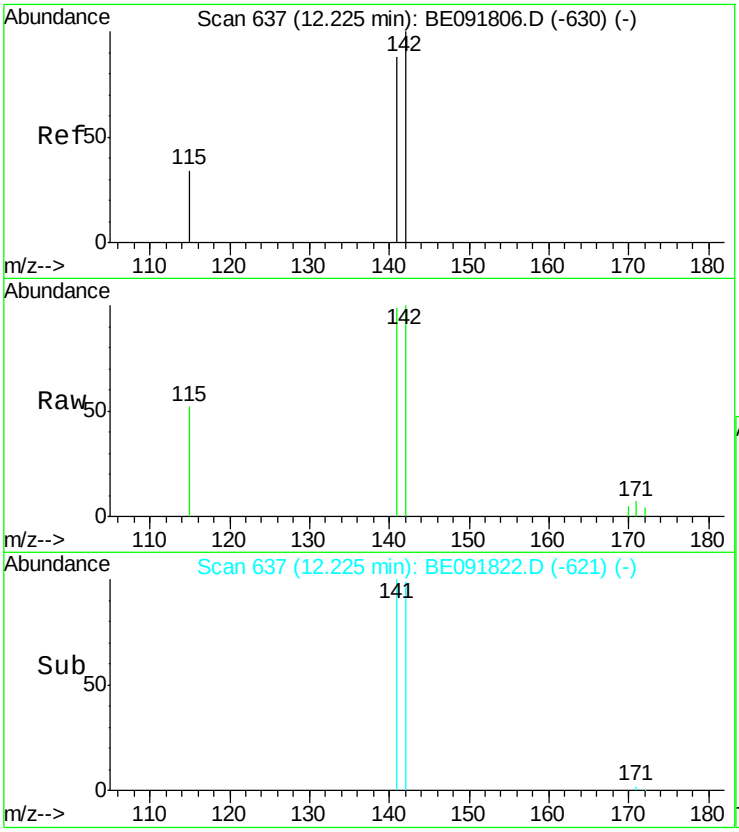


#10
Naphthalene
Concen: 0.17 ng
RT: 10.61 min Scan# 513
Delta R.T. 0.00 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion:128 Resp: 5760

Ion	Ratio	Lower	Upper
128	100		
129	16.3	9.3	13.9#
127	16.7	10.7	16.1#





#12
2-Methylnaphthalene
Concen: 0.13 ng
RT: 12.23 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion:142 Resp: 2930

Ion	Ratio	Lower	Upper
142	100		
141	99.4	71.4	107.0
115	52.2	30.3	45.5#

Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512

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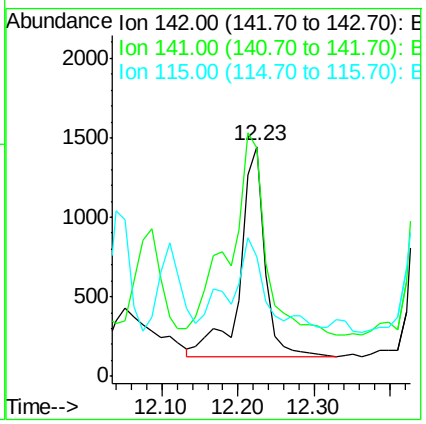
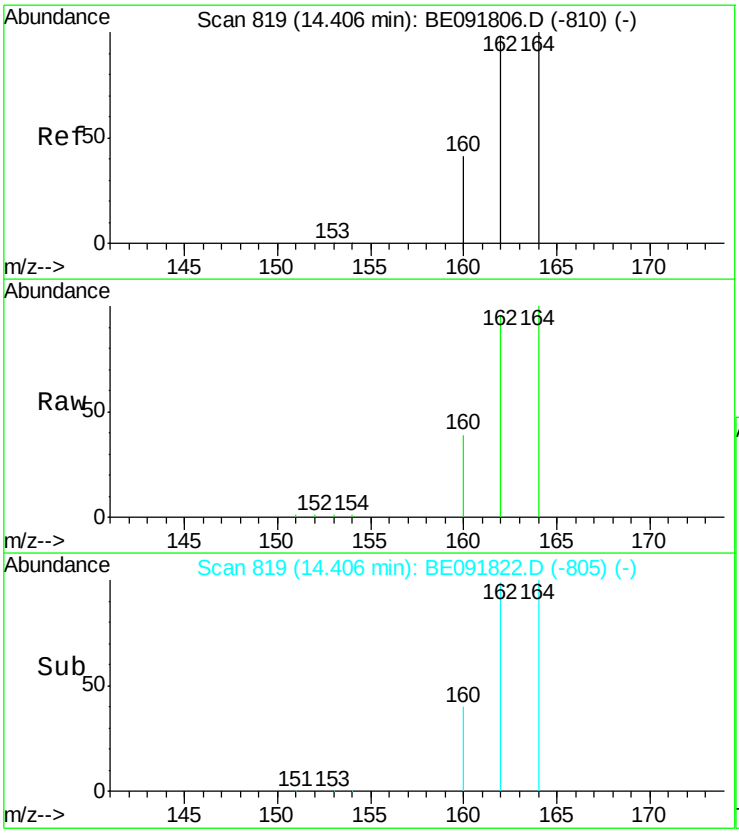
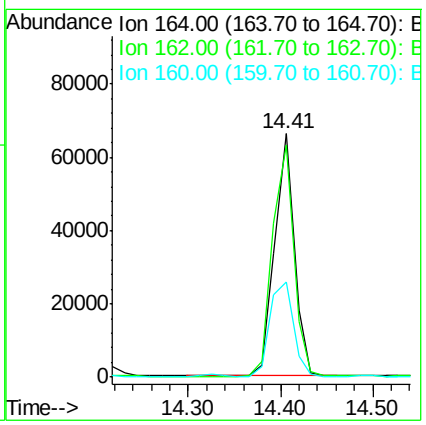


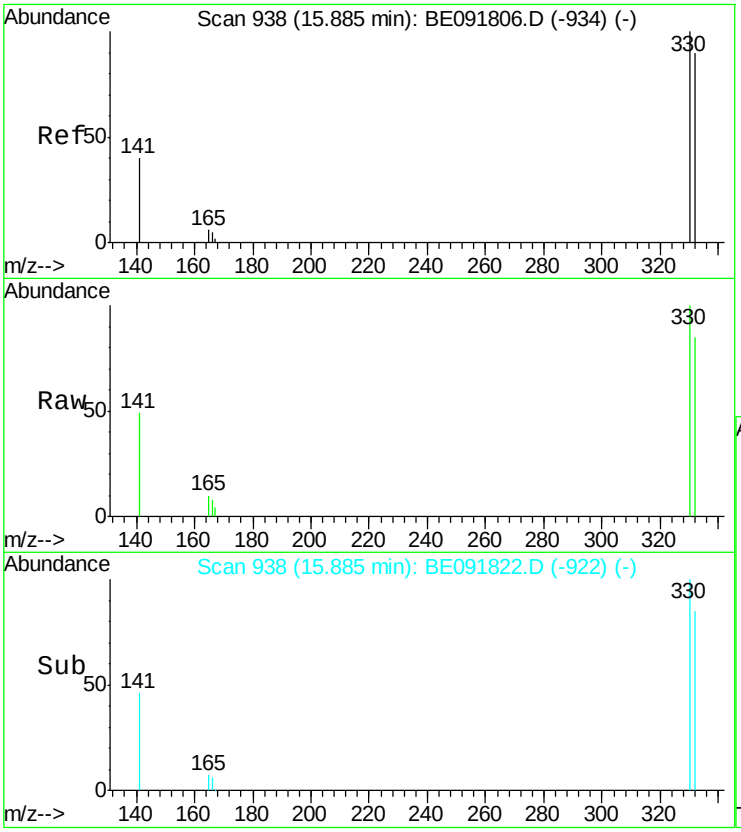


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.41 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion:164 Resp: 98637

Ion	Ratio	Lower	Upper
164	100		
162	95.5	85.3	127.9
160	39.2	46.2	69.2#

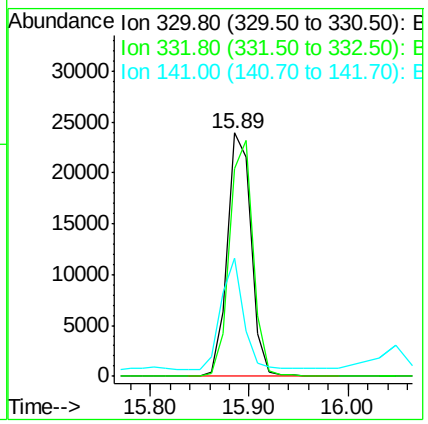




#14
2,4,6-Tribromophenol
Concen: 10.31 ng
RT: 15.89 min Scan# 938
Delta R.T. -0.01 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion:330 Resp: 39465

Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.1	118.7
141	43.5	125.4	188.0#



Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512

Manual Integrations APPROVED
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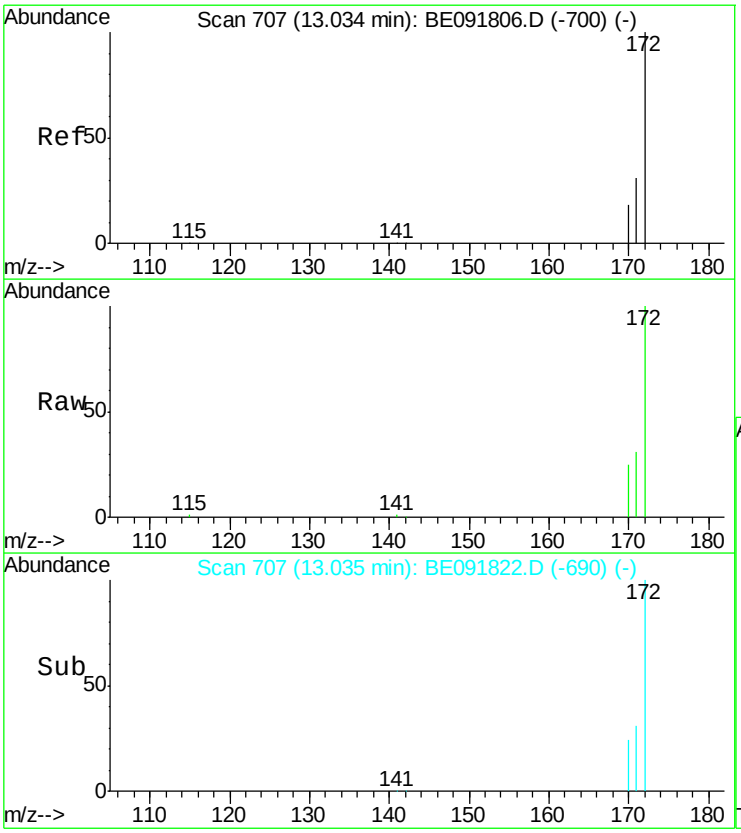
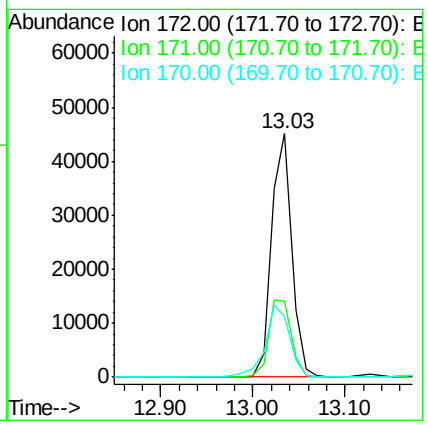
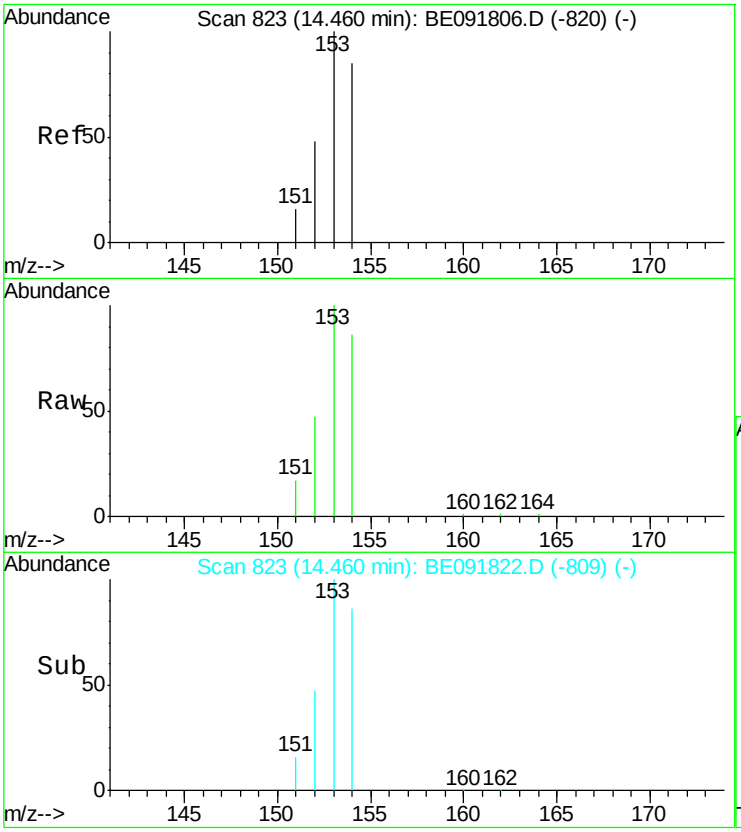


#15
2-Fluorobiphenyl
Concen: 2.44 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion:172 Resp: 68191

Ion	Ratio	Lower	Upper
172	100		
171	31.4	28.8	43.2
170	24.9	19.3	28.9

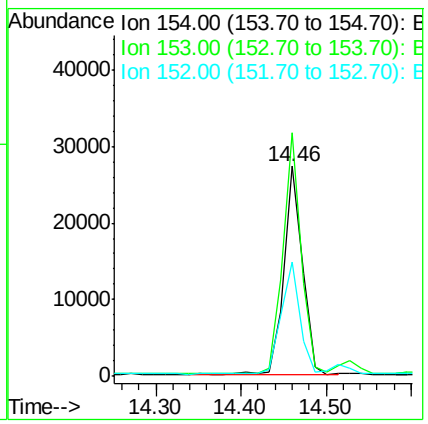




#17
Acenaphthene
Concen: 1.54 ng
RT: 14.46 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion:154 Resp: 40748

Ion	Ratio	Lower	Upper
154	100		
153	113.3	80.0	120.0
152	54.8	40.0	60.0



Instrument :
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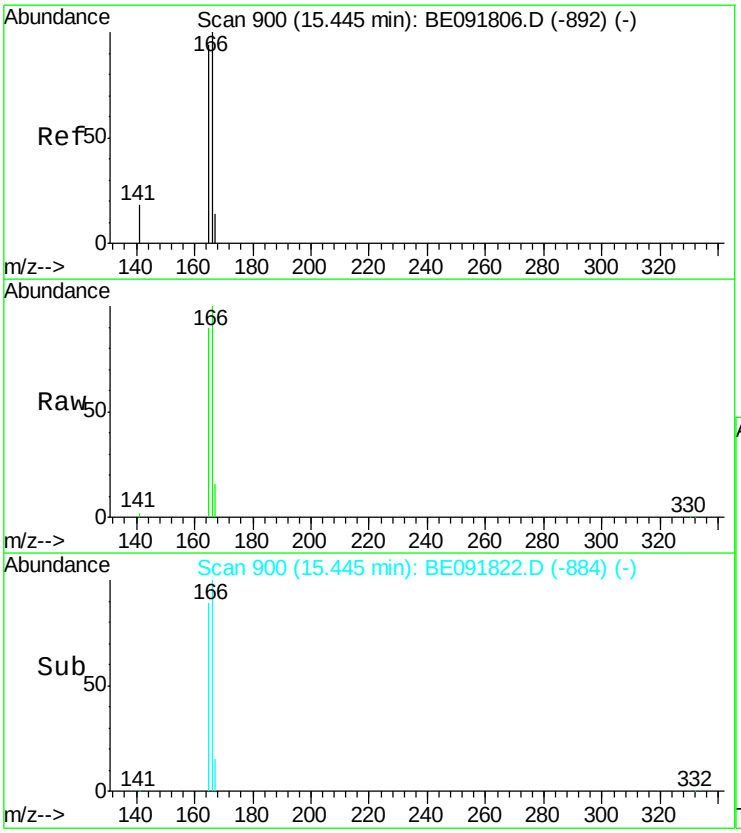
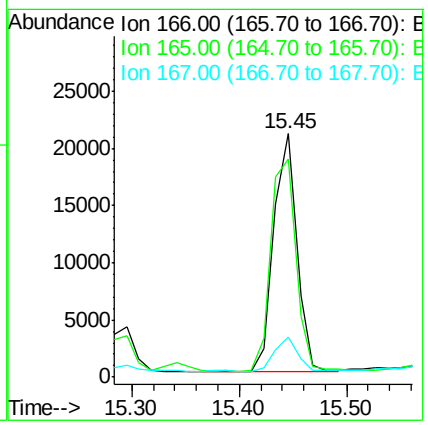
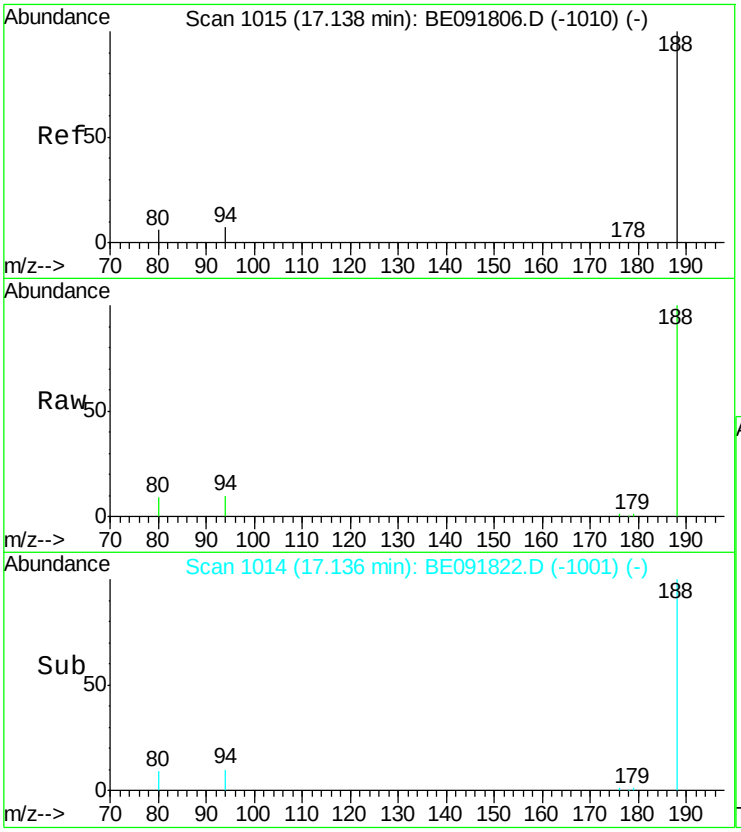


#18
Fluorene
Concen: 0.92 ng
RT: 15.45 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion:166 Resp: 31528

Ion	Ratio	Lower	Upper
166	100		
165	97.5	80.8	121.2
167	14.7	10.9	16.3





#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion:188 Resp: 230268

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.7	13.1
80	9.0	9.4	14.0#

Instrument :
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ClientSampleId :
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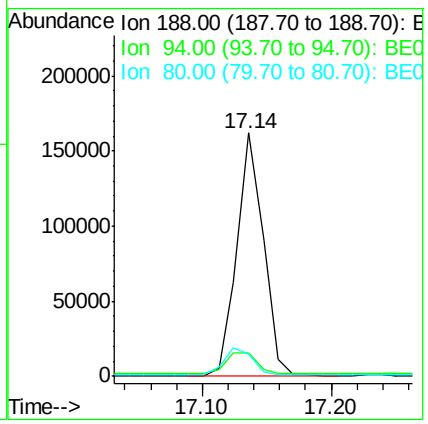
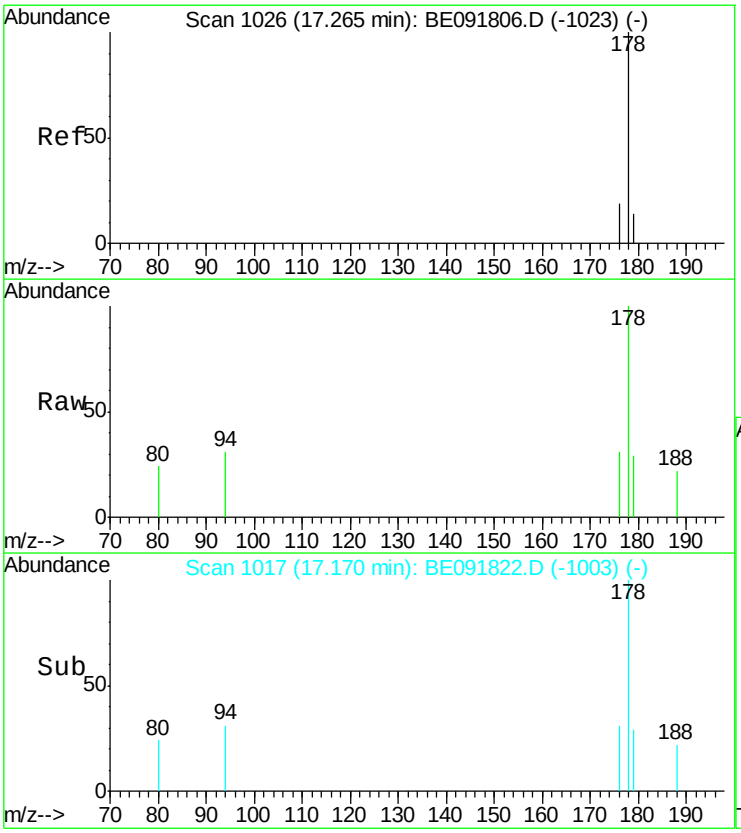
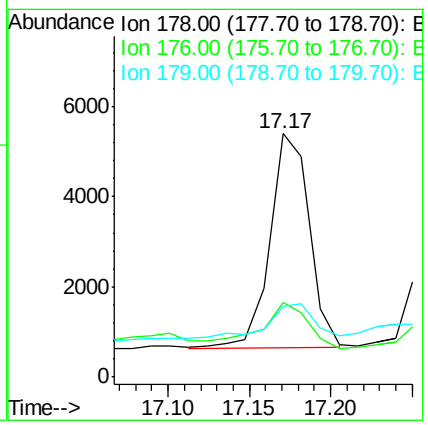


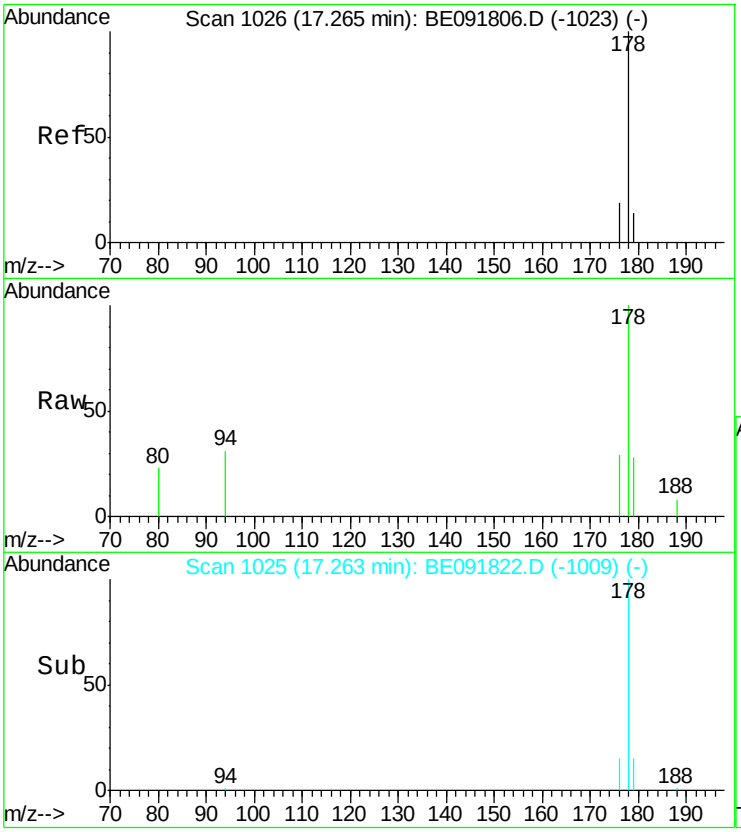


#23
Phenanthrene
Concen: 0.08 ng m
RT: 17.17 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion:178 Resp: 8014

Ion	Ratio	Lower	Upper
178	100		
176	39.9	15.3	22.9#
179	14.2	12.6	18.8





#24
Anthracene
Concen: 0.16 ng
RT: 17.26 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion:178 Resp: 7941

Ion	Ratio	Lower	Upper
178	100		
176	21.0	14.6	21.8
179	20.9	11.8	17.6#

Instrument :
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ClientSampleId :
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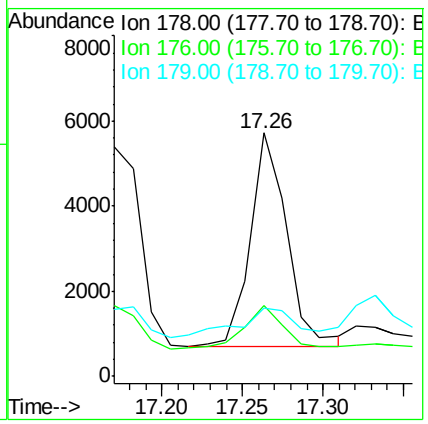
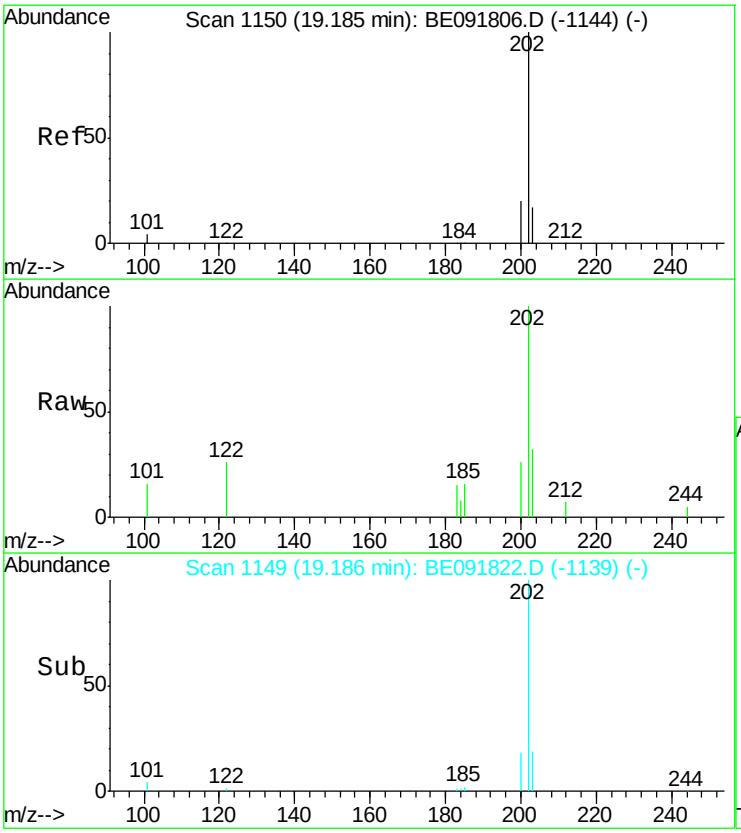
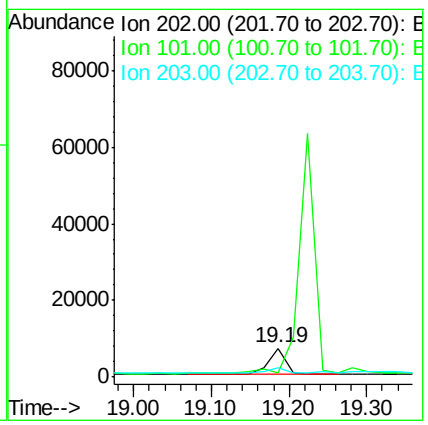


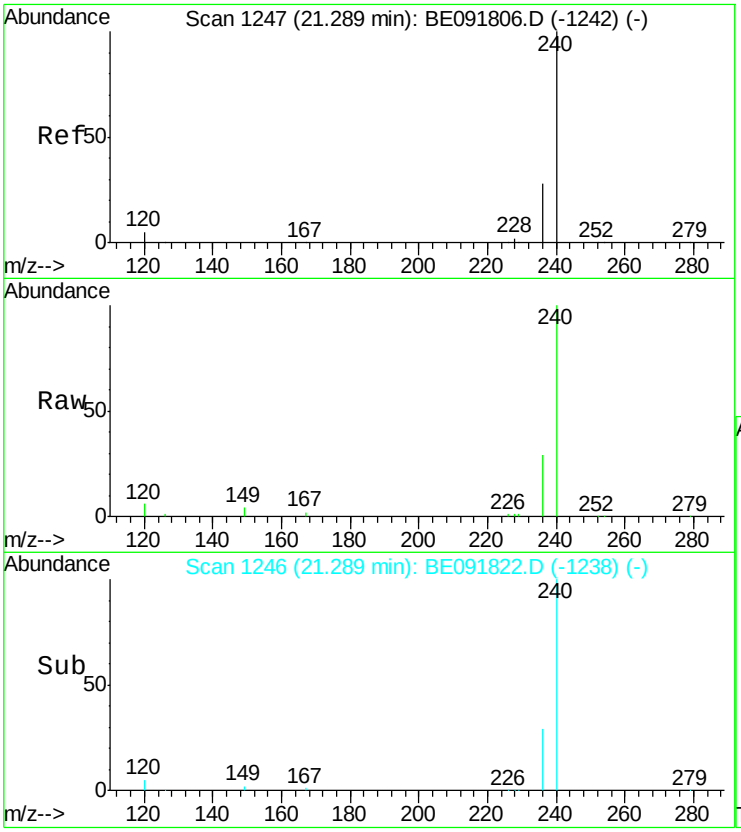


#25
Fluoranthene
Concen: 0.18 ng
RT: 19.19 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion:202 Resp: 11181

Ion	Ratio	Lower	Upper
202	100		
101	0.0	11.0	16.6#
203	22.1	13.9	20.9#

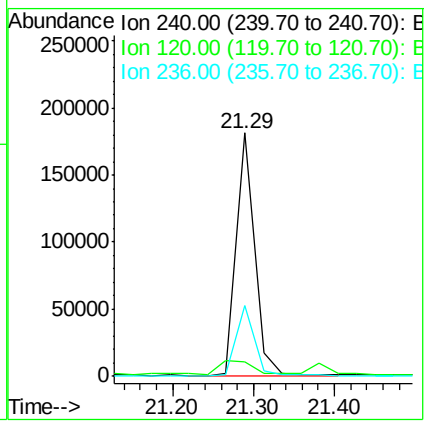




#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion:240 Resp: 278489

Ion	Ratio	Lower	Upper
240	100		
120	5.9	11.0	16.4#
236	29.0	21.7	32.5



Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512

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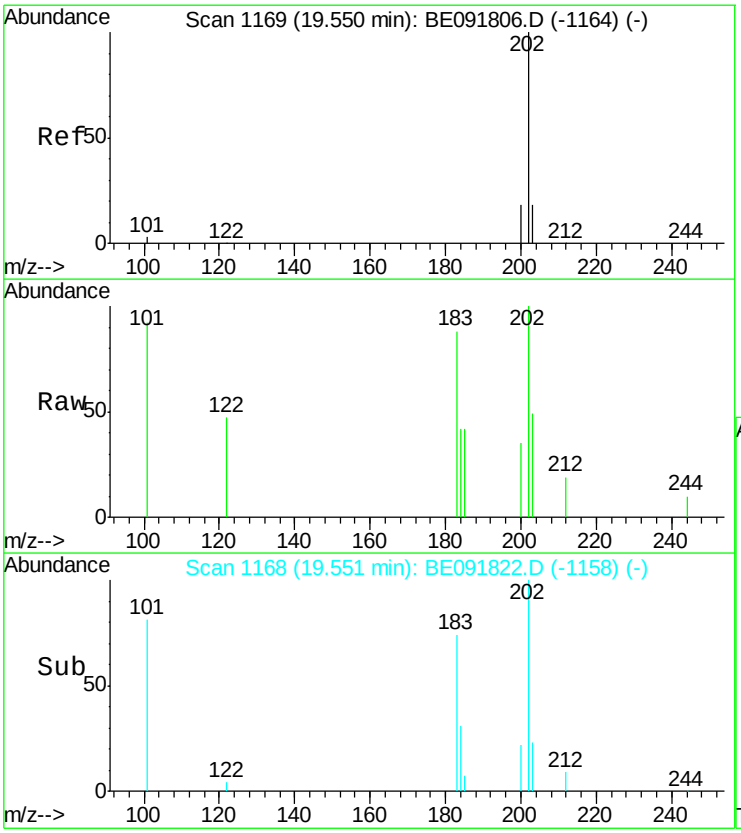
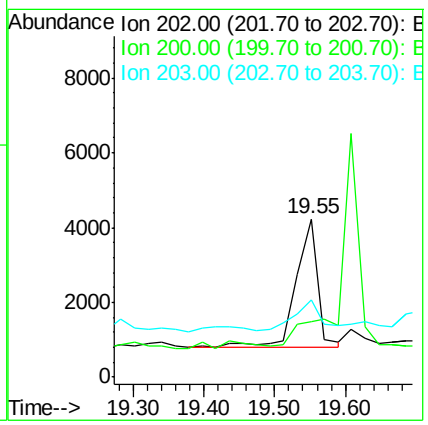
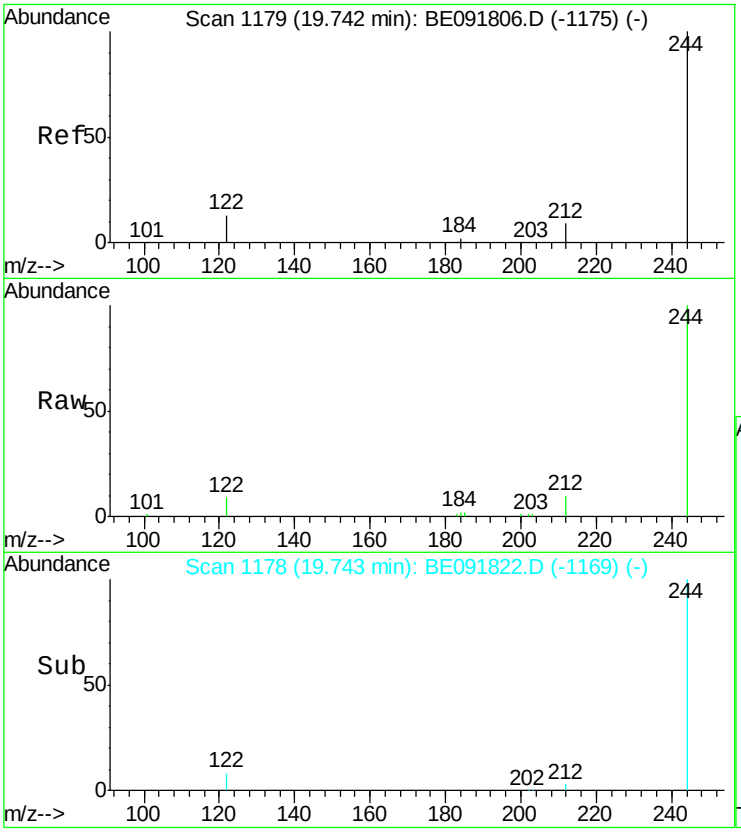


#28
Pyrene
Concen: 0.12 ng
RT: 19.55 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion:202 Resp: 7524

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.8	25.2#
203	27.1	14.0	21.0#





#29
Terphenyl-d14
Concen: 4.94 ng
RT: 19.74 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion:244 Resp: 194593

Ion	Ratio	Lower	Upper
244	100		
212	9.7	6.9	10.3
122	9.5	11.0	16.4#

Instrument :
BNA_E
ClientSampleId :
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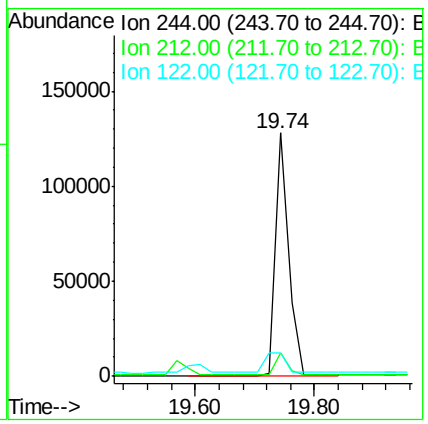
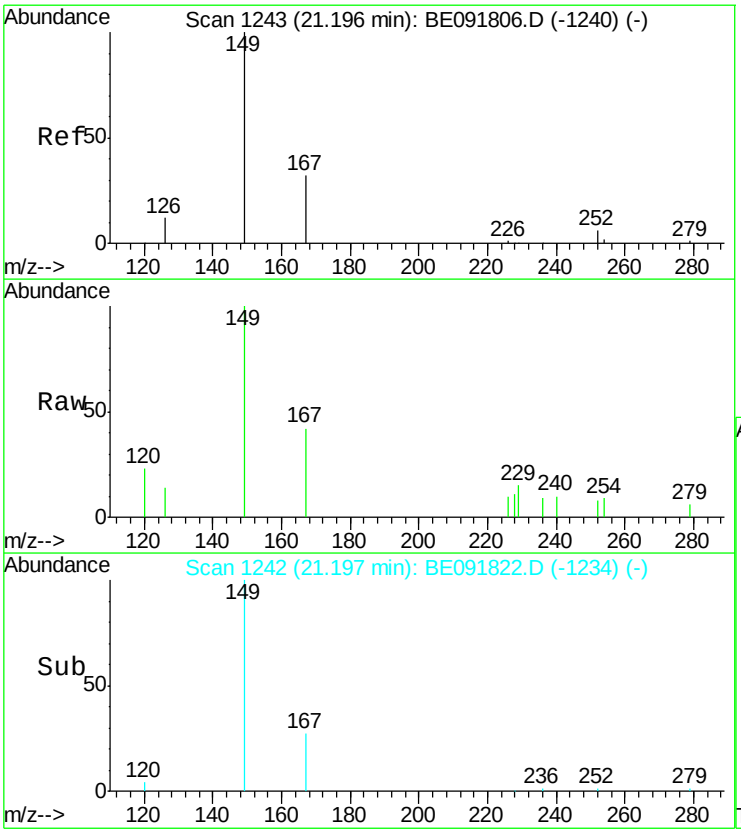
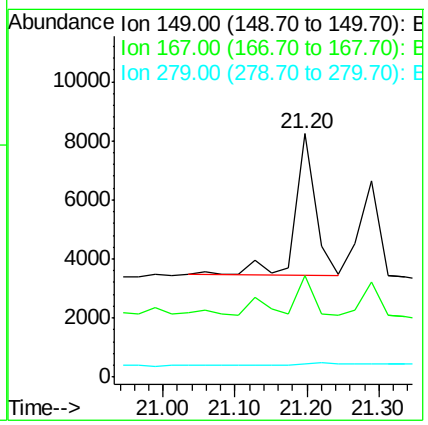


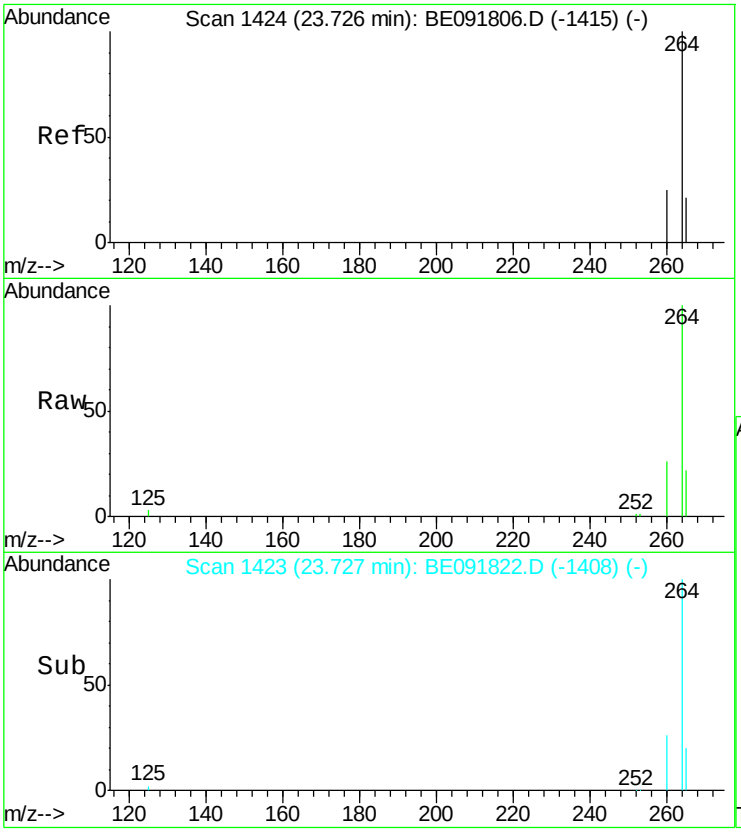


#33
Bis(2-ethylhexyl)phthalate
Concen: 0.47 ng
RT: 21.20 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion:149 Resp: 9168

Ion	Ratio	Lower	Upper
149	100		
167	33.7	19.5	29.3#
279	0.0	10.0	15.0#

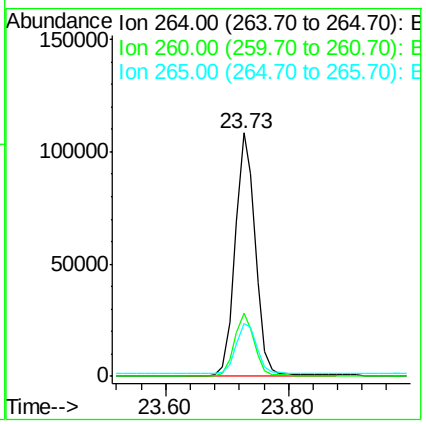




#35
Perylene-d12
Concen: 5.00 ng
RT: 23.73 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BE091822.D
Acq: 19 May 2016 22:36

Tgt Ion:264 Resp: 246614

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.0	30.0
265	21.7	17.5	26.3



Instrument :
BNA_E
ClientSampleId :
SS043MW011-160512

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