Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
Data File : BE091820.D
Acq On : 19 May 2016 21:21
Operator : UM/SJ
Sample : H3084-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LF001MW002-160512

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Quant Time: May 20 14:44:13 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	7.78	152	22199	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	118136	5.00	ng	-0.02
13) Acenaphthene-d10	14.40	164	82030	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	242244	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	278676	5.00	ng	-0.02
35) Perylene-d12	23.73	264	239044	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	16301	2.81	ng	0.00
5) Phenol-d6	6.95	99	17486	2.14	ng	0.00
8) Nitrobenzene-d5	8.93	82	27967	3.57	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	31259	9.82	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	82605	3.56	ng	-0.01
29) Terphenyl-d14	19.74	244	188302	4.77	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	729	0.27	ng	# 77

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

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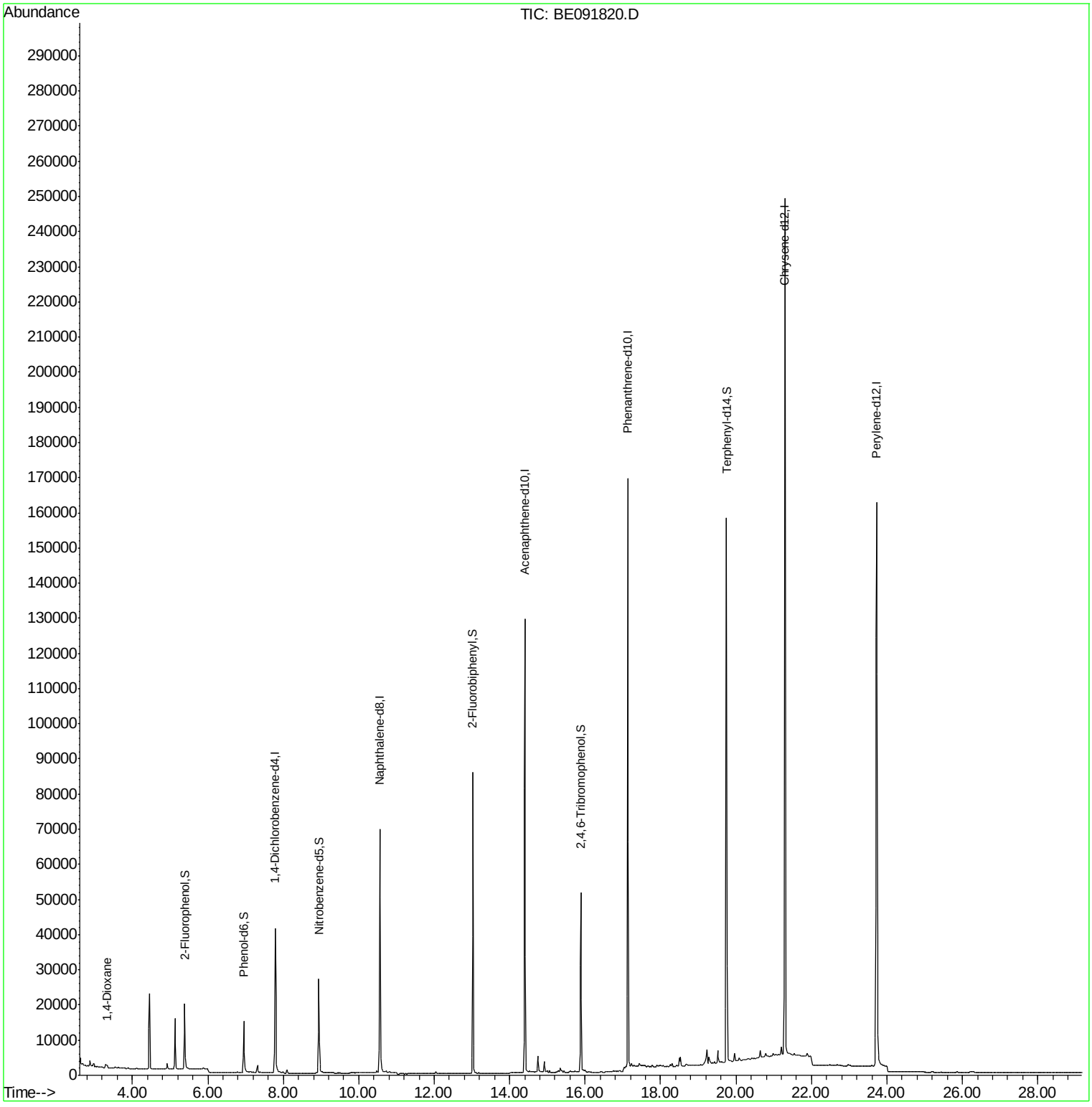
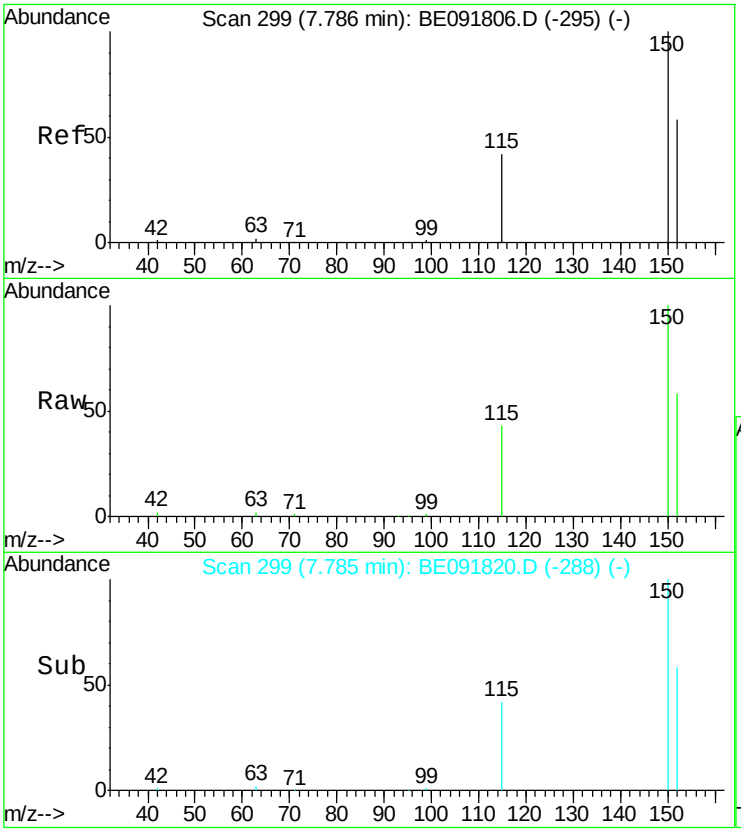
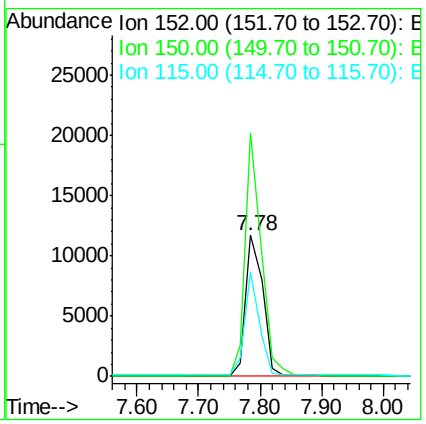




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.78 min Scan# 299
Delta R.T. -0.02 min
Lab File: BE091820.D
Acq: 19 May 2016 21:21

Tgt Ion:152 Resp: 22199

Ion	Ratio	Lower	Upper
152	100		
150	173.1	122.6	183.8
115	73.9	52.8	79.2



Instrument :
BNA_E
ClientSampleId :
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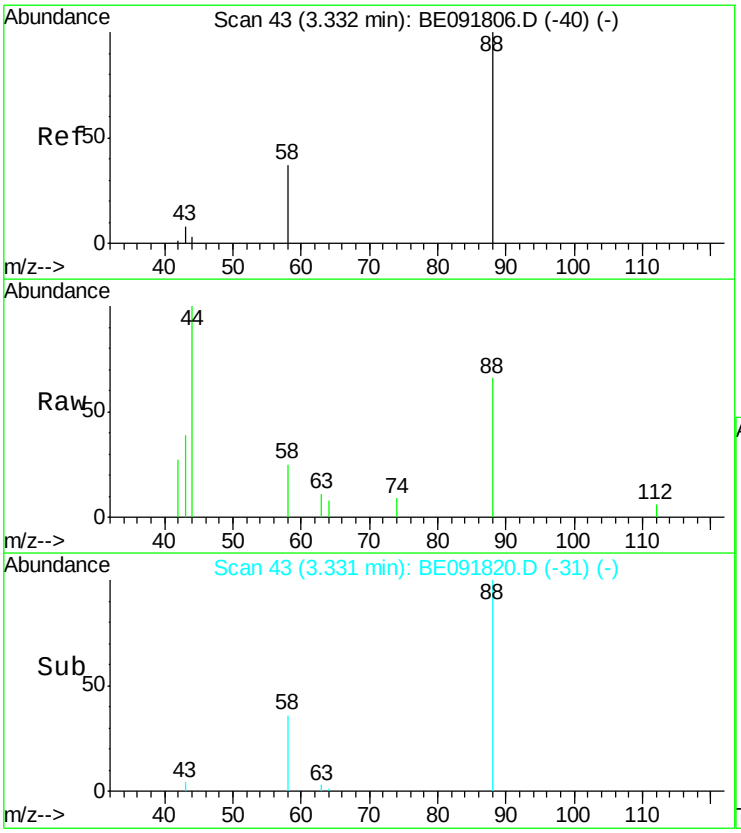
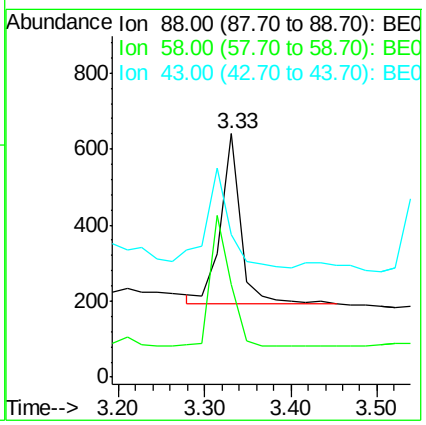
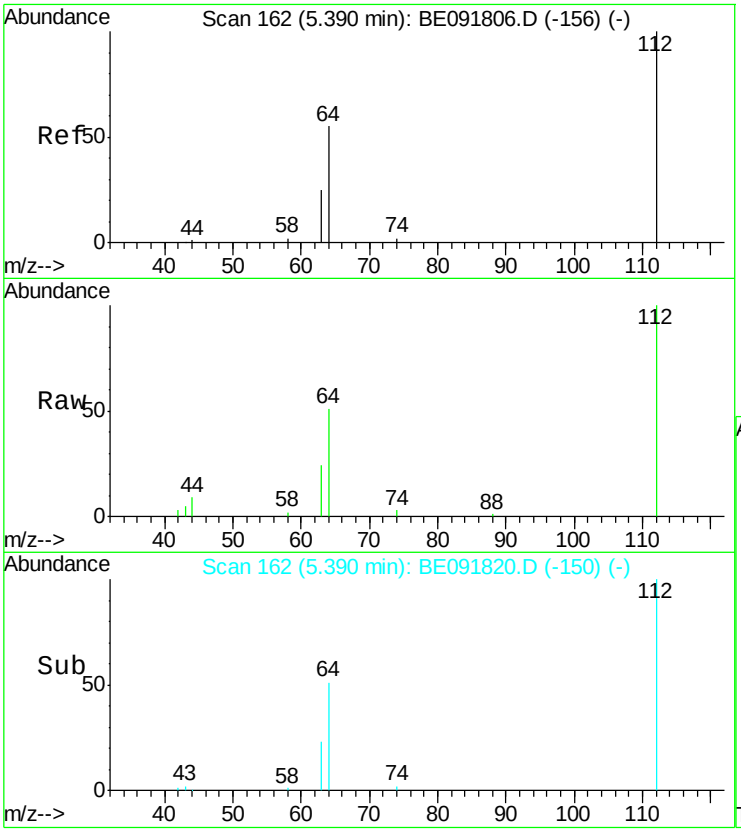


#2
1,4-Dioxane
Concen: 0.27 ng
RT: 3.33 min Scan# 43
Delta R.T. 0.00 min
Lab File: BE091820.D
Acq: 19 May 2016 21:21

Tgt Ion: 88 Resp: 729

Ion	Ratio	Lower	Upper
88	100		
58	75.6	65.8	98.6
43	67.6	25.3	37.9#





#4
2-Fluorophenol
Concen: 2.81 ng
RT: 5.39 min Scan# 162
Delta R.T. -0.00 min
Lab File: BE091820.D
Acq: 19 May 2016 21:21

Tgt Ion:112 Resp: 16301

Ion	Ratio	Lower	Upper
112	100		
64	67.2	30.9	46.3#
63	36.1	16.7	25.1#

Instrument :
BNA_E
ClientSampleId :
LF001MW002-160512

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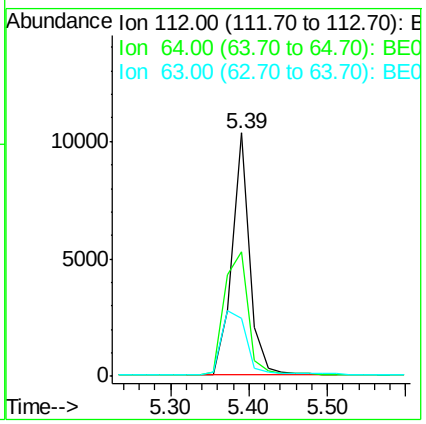
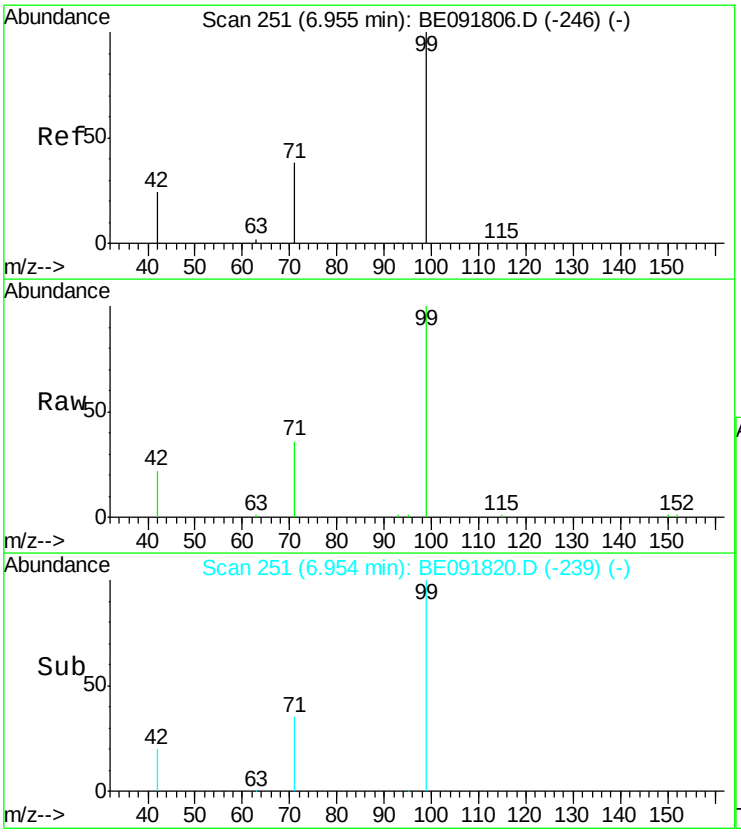
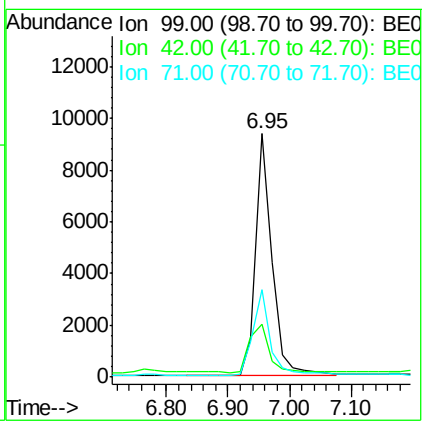


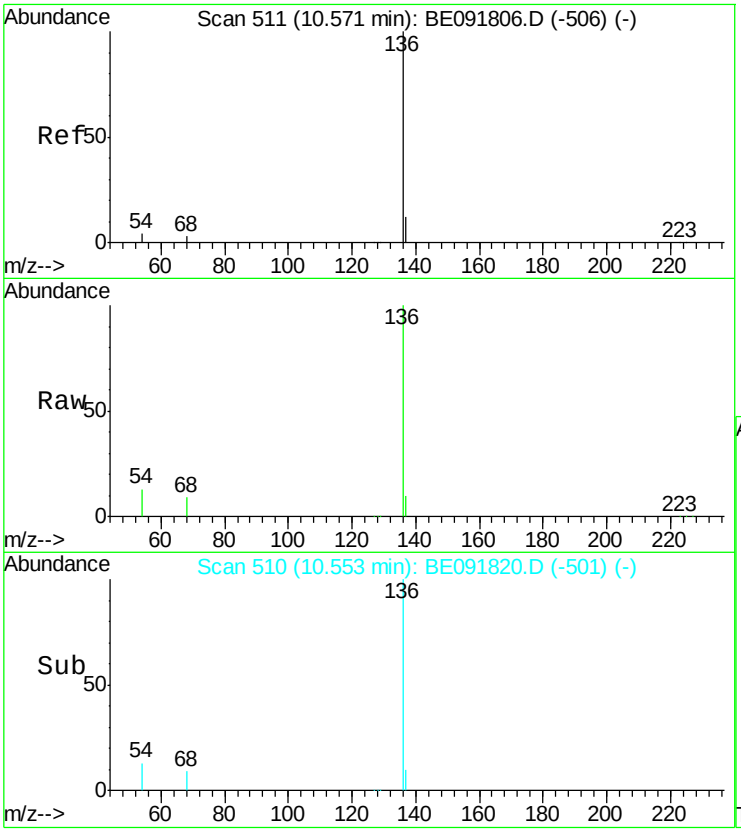


#5
Phenol-d6
Concen: 2.14 ng
RT: 6.95 min Scan# 251
Delta R.T. -0.00 min
Lab File: BE091820.D
Acq: 19 May 2016 21:21

Tgt Ion: 99 Resp: 17486

Ion	Ratio	Lower	Upper
99	100		
42	23.0	16.2	24.2
71	37.1	29.0	43.4

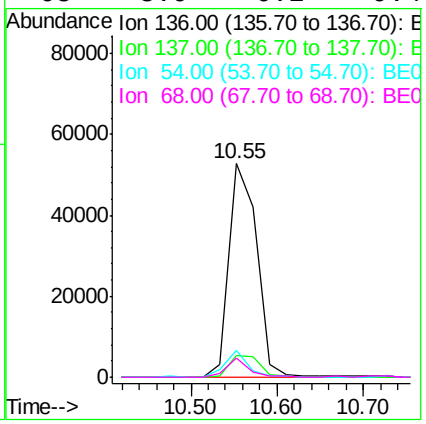




#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.55 min Scan# 510
Delta R.T. -0.02 min
Lab File: BE091820.D
Acq: 19 May 2016 21:21

Tgt Ion:136 Resp: 118136

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.9	13.3
54	12.9	8.2	12.4#
68	8.9	6.2	9.4



Instrument :
BNA_E
ClientSampleId :
LF001MW002-160512

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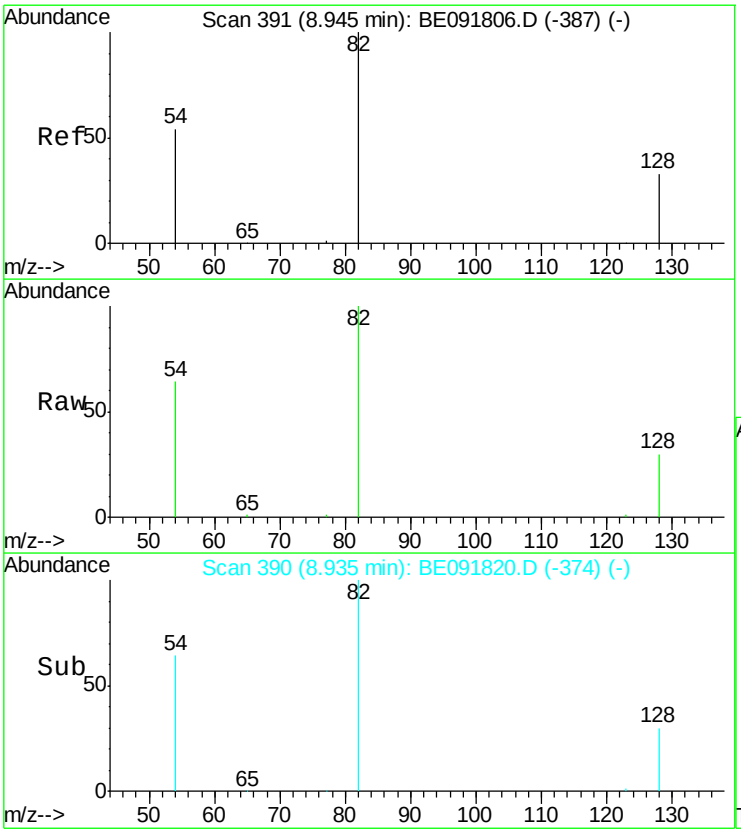
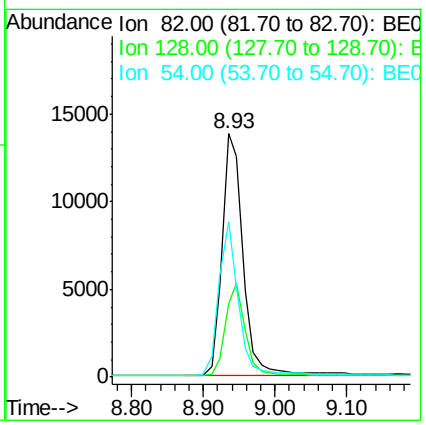
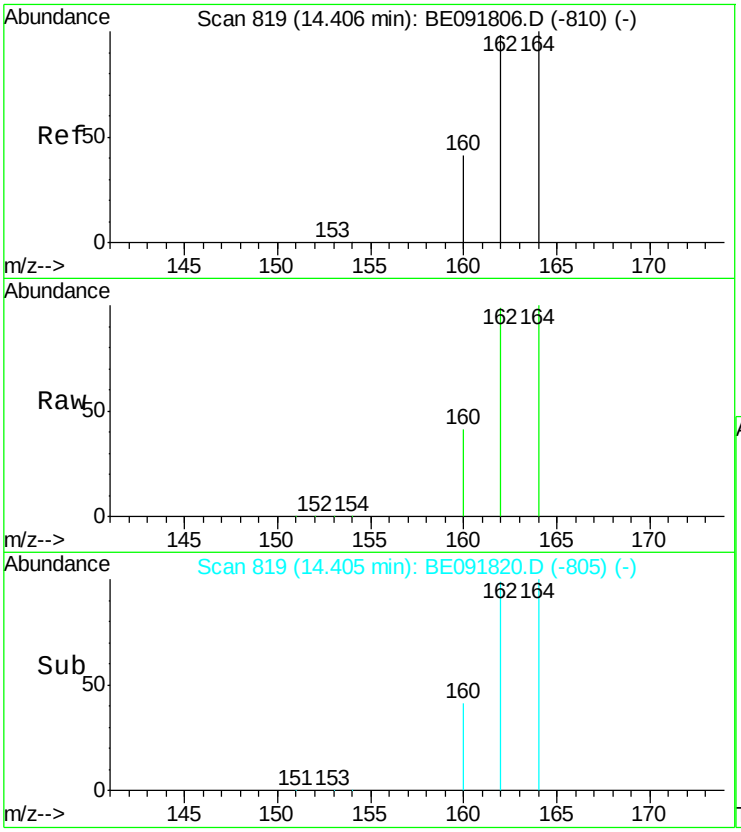


#8
Nitrobenzene-d5
Concen: 3.57 ng
RT: 8.93 min Scan# 390
Delta R.T. -0.01 min
Lab File: BE091820.D
Acq: 19 May 2016 21:21

Tgt Ion: 82 Resp: 27967

Ion	Ratio	Lower	Upper
82	100		
128	30.4	25.4	38.0
54	64.0	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: BE091820.D
Acq: 19 May 2016 21:21

Tgt Ion:164 Resp: 82030

Ion	Ratio	Lower	Upper
164	100		
162	98.6	85.3	127.9
160	40.9	46.2	69.2#

Instrument :
BNA_E
ClientSampleId :
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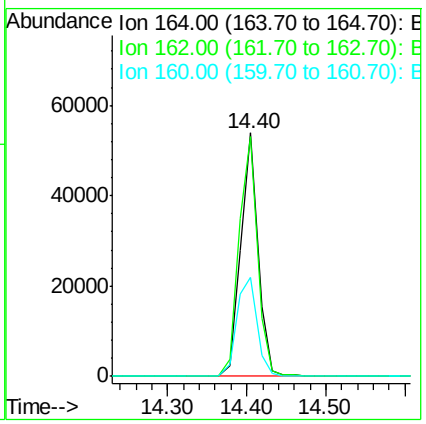
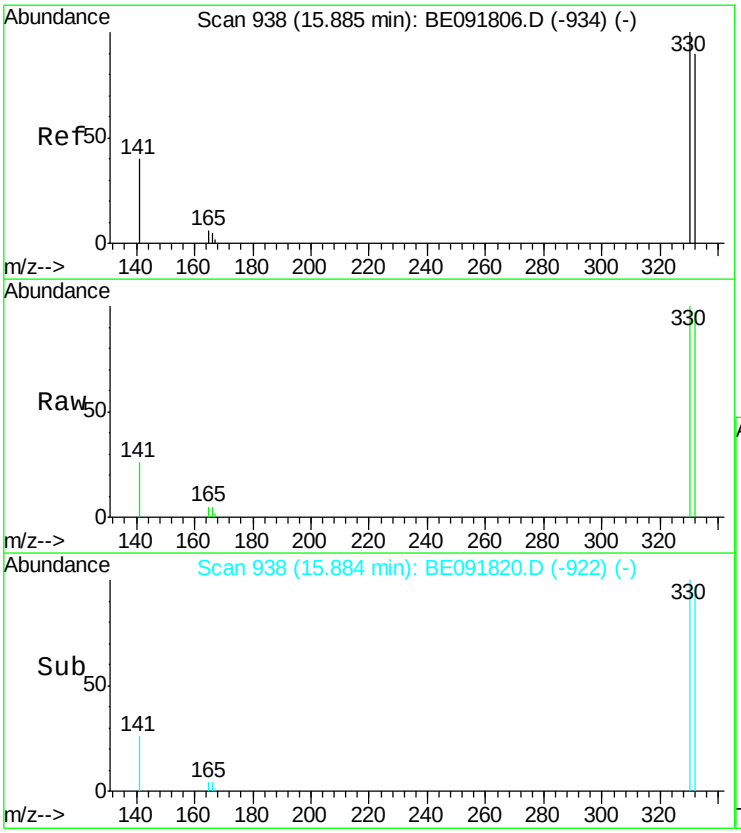
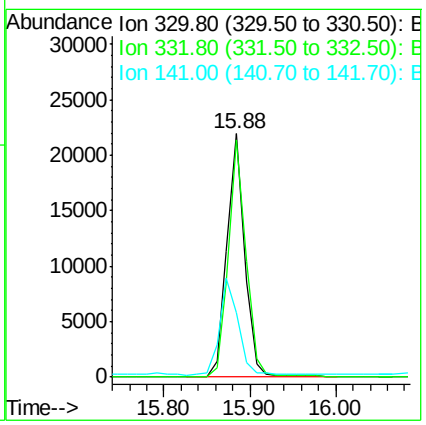


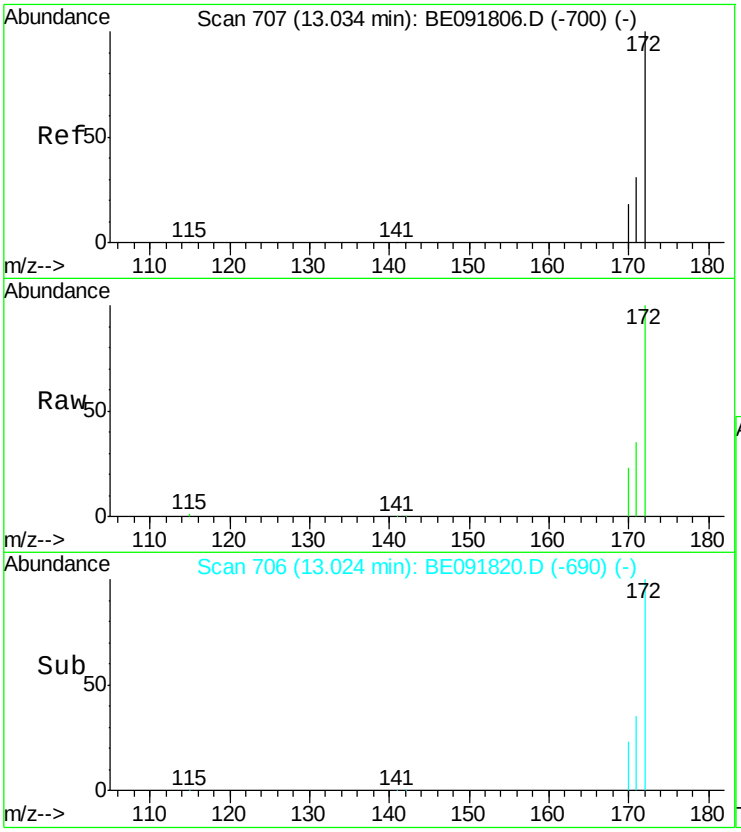


#14
2,4,6-Tribromophenol
Concen: 9.82 ng
RT: 15.88 min Scan# 938
Delta R.T. -0.01 min
Lab File: BE091820.D
Acq: 19 May 2016 21:21

Tgt Ion:330 Resp: 31259

Ion	Ratio	Lower	Upper
330	100		
332	96.2	79.1	118.7
141	42.2	125.4	188.0#

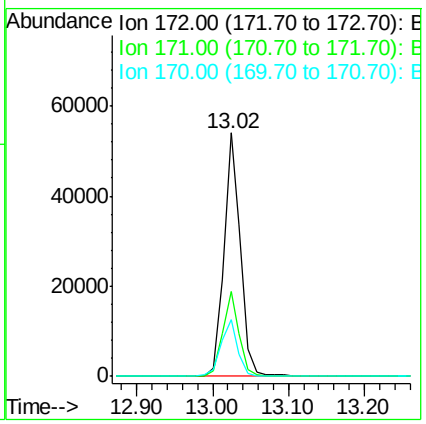




#15
2-Fluorobiphenyl
Concen: 3.56 ng
RT: 13.02 min Scan# 706
Delta R.T. -0.01 min
Lab File: BE091820.D
Acq: 19 May 2016 21:21

Tgt Ion:172 Resp: 82605

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.8	43.2
170	23.4	19.3	28.9



Instrument :
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ClientSampleId :
LF001MW002-160512

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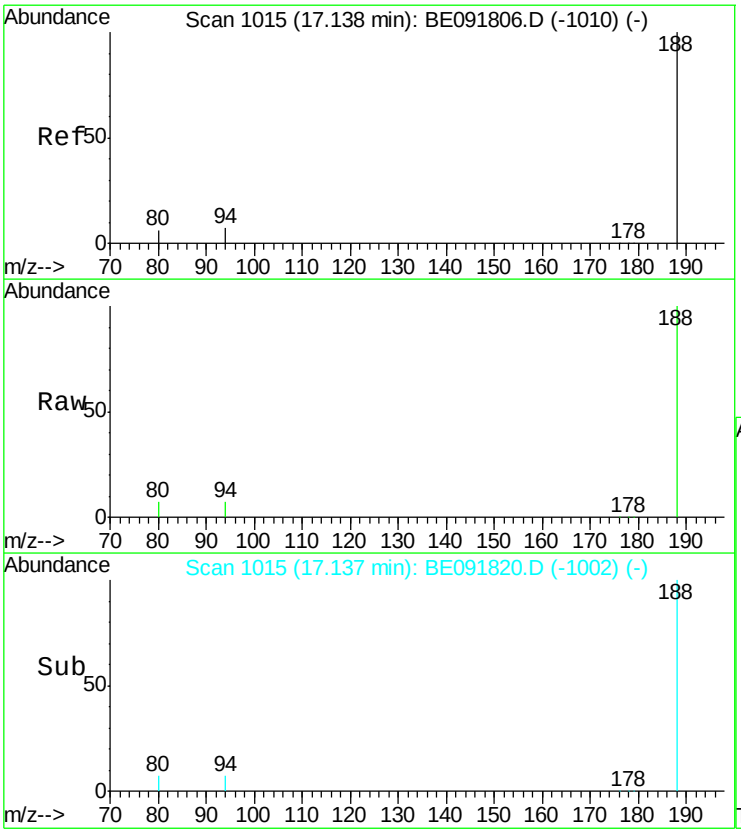
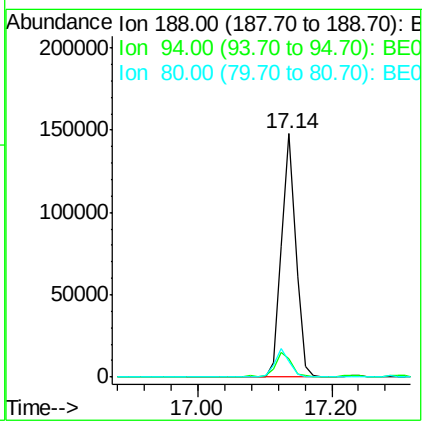
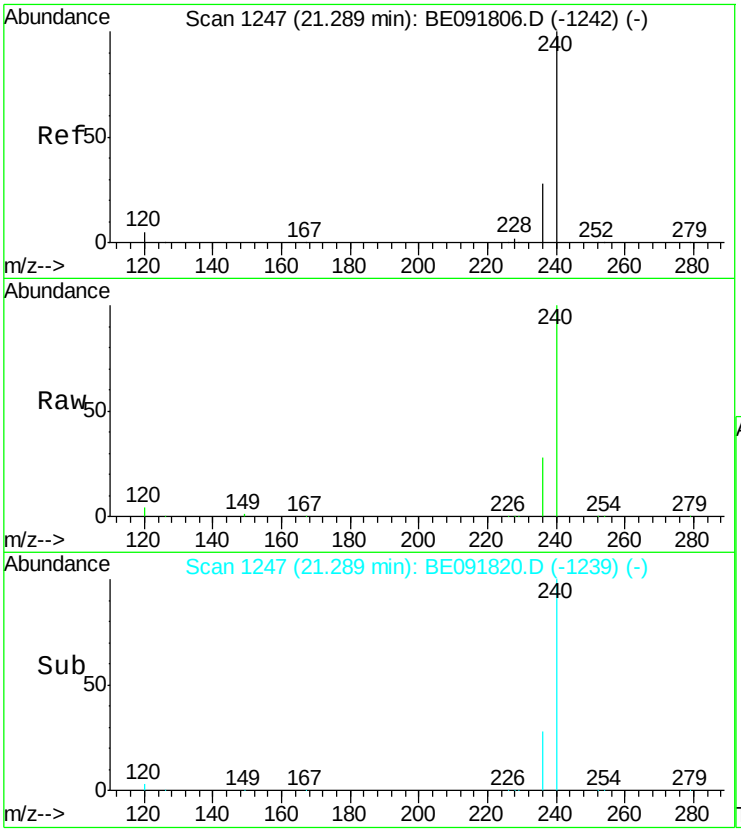


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091820.D
Acq: 19 May 2016 21:21

Tgt Ion:188 Resp: 242244

Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.7	13.1#
80	6.5	9.4	14.0#





#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BE091820.D
Acq: 19 May 2016 21:21

Tgt Ion:240 Resp: 278676

Ion	Ratio	Lower	Upper
240	100		
120	3.9	11.0	16.4#
236	28.4	21.7	32.5

Instrument :
BNA_E
ClientSampleId :
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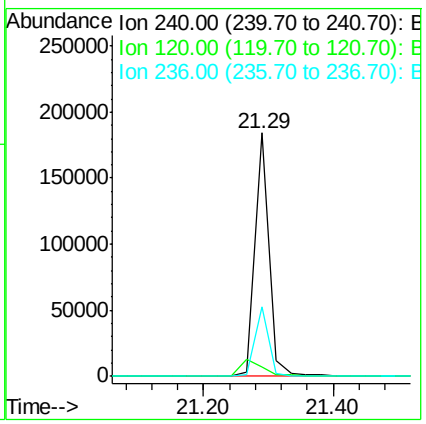
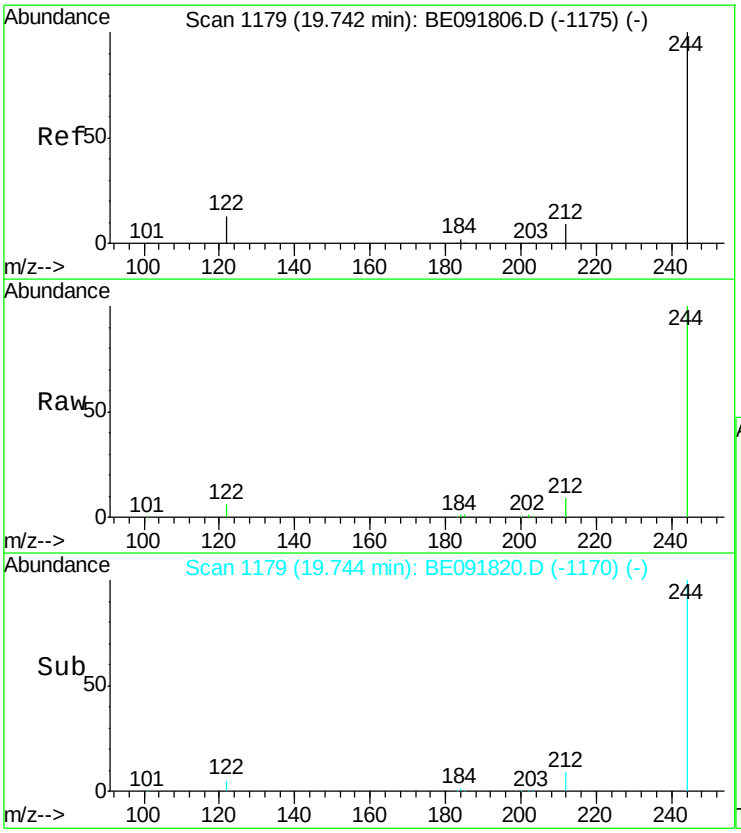
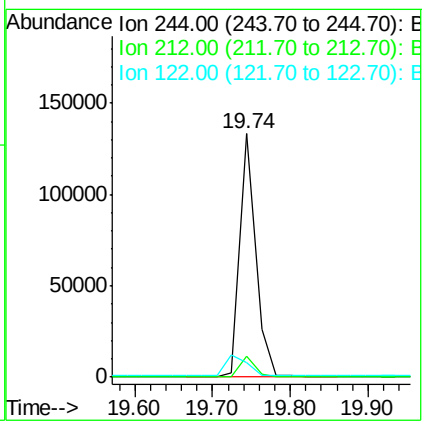


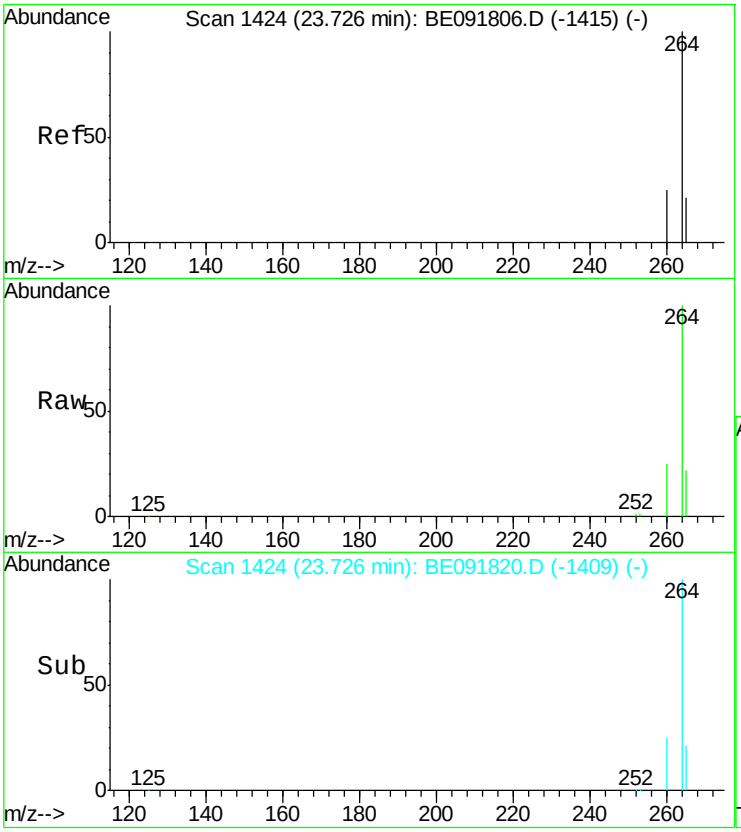


#29
Terphenyl-d14
Concen: 4.77 ng
RT: 19.74 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BE091820.D
Acq: 19 May 2016 21:21

Tgt Ion:244 Resp: 188302

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.9	10.3
122	5.9	11.0	16.4#

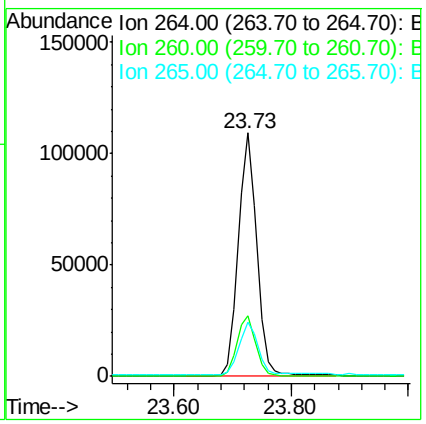




#35
Perylene-d12
Concen: 5.00 ng
RT: 23.73 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BE091820.D
Acq: 19 May 2016 21:21

Tgt Ion:264 Resp: 239044

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	22.2	17.5	26.3



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