Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041116\
Data File : BE091637.D
Acq On : 11 Apr 2016 20:32
Operator : UM/SJ
Sample : H2248-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005

Manual Integrations APPROVED
Sohil
4/12/2016 5:35:10 PM

Quant Time: Apr 12 15:45:08 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 16:48:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	41870	5.00	ng		-0.02
7) Naphthalene-d8	10.59	136	204841	5.00	ng		0.00
13) Acenaphthene-d10	14.42	164	126072	5.00	ng		0.00
19) Phenanthrene-d10	17.16	188	318189	5.00	ng		0.00
26) Chrysene-d12	21.31	240	418642	5.00	ng		0.00
35) Perylene-d12	23.76	264	378929	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	36957	3.70	ng		0.00
5) Phenol-d6	6.97	99	64464	4.84	ng		0.00
8) Nitrobenzene-d5	8.96	82	29026	2.44	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	16860	3.79	ng		-0.01
15) 2-Fluorobiphenyl	13.05	172	99481	2.84	ng		0.00
29) Terphenyl-d14	19.76	244	167811	3.21	ng		0.00
Target Compounds							Qvalue
22) Pentachlorophenol	16.81	266	101	0.24	ng	#	80
23) Phenanthrene	17.19	178	1908m	0.03	ng		
25) Fluoranthene	19.21	202	2376	0.03	ng	#	87
28) Pyrene	19.57	202	2738	0.03	ng	#	91
30) Benzo(a)anthracene	21.29	228	3776m	0.04	ng		
32) Chrysene	21.34	228	2708m	0.03	ng		
34) Indeno(1,2,3-cd)pyrene	26.32	276	2661	0.03	ng		94
40) Benzo(g,h,i)perylene	27.11	276	2834	0.03	ng	#	64

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041116\
Data File : BE091637.D
Acq On : 11 Apr 2016 20:32
Operator : UM/SJ
Sample : H2248-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

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Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005

Manual Integrations APPROVED
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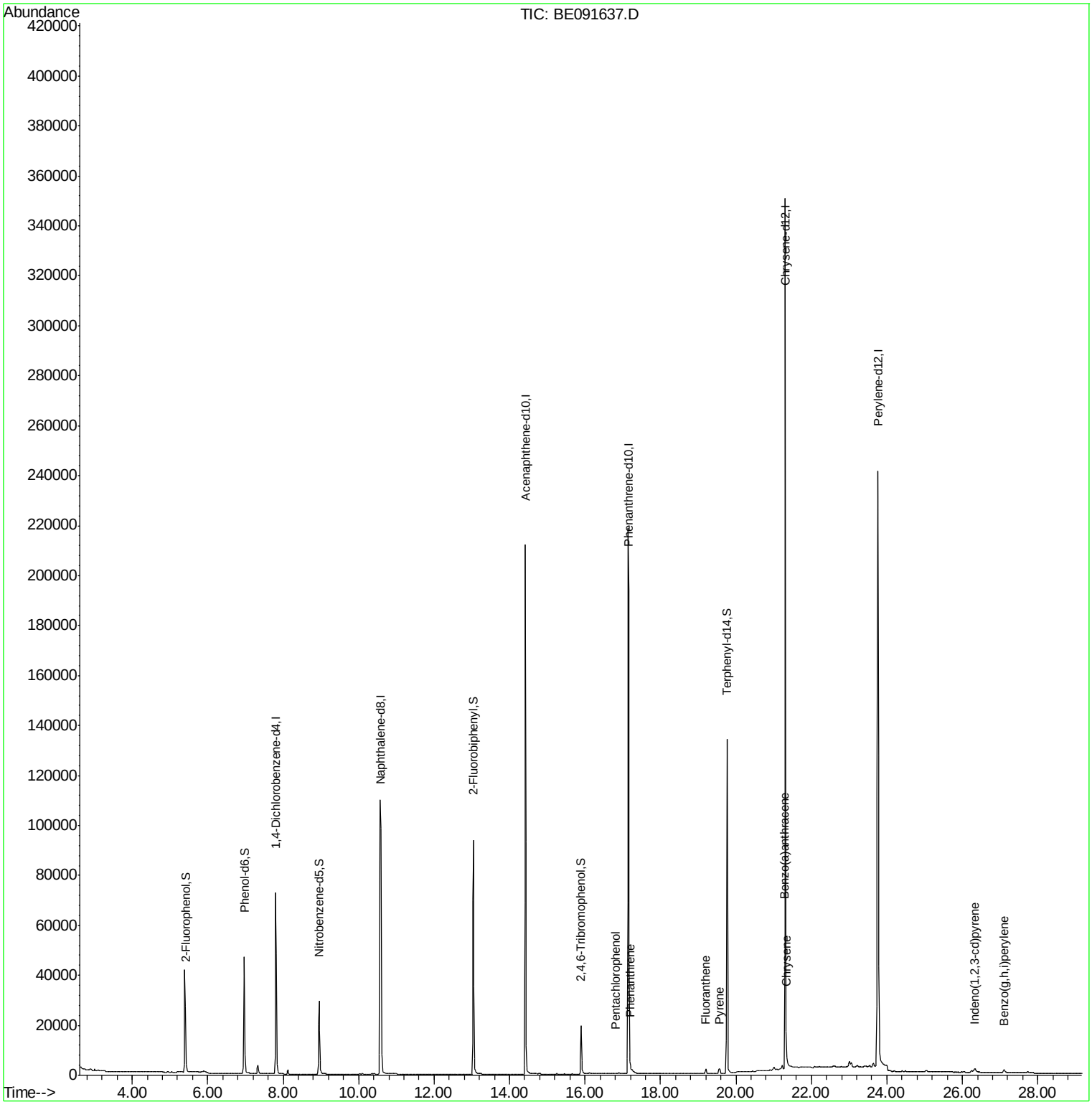
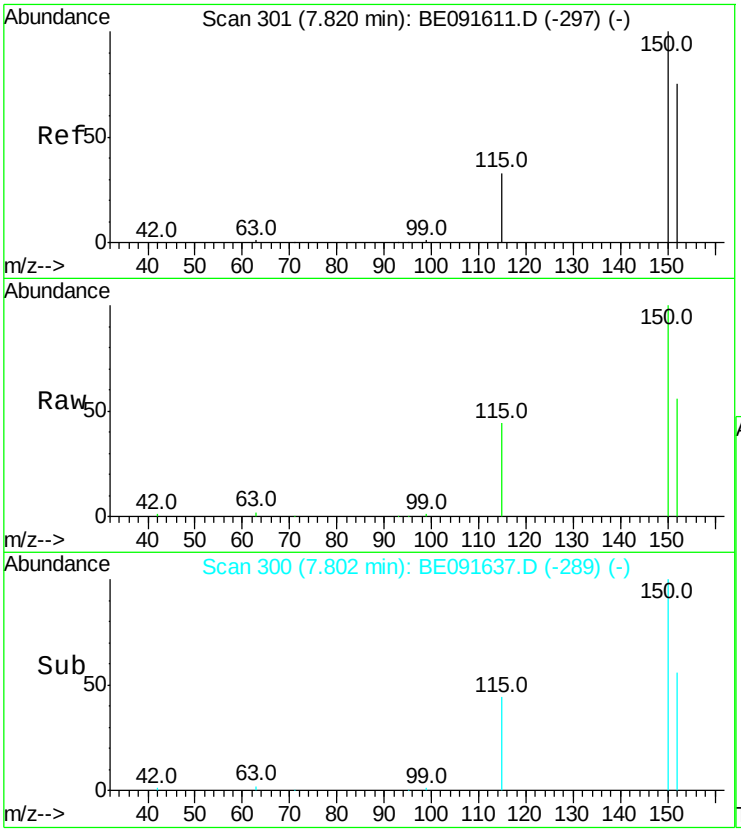
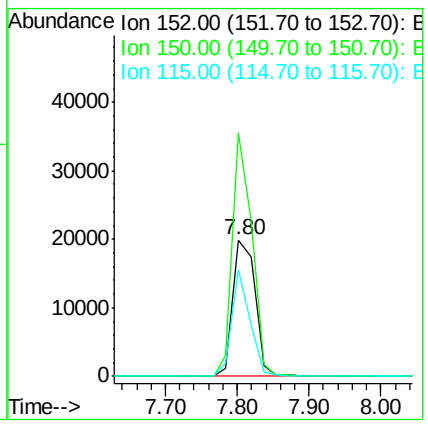




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. -0.02 min
Lab File: BE091637.D
Acq: 11 Apr 2016 20:32

Tgt Ion:152 Resp: 41870

Ion	Ratio	Lower	Upper
152	100		
150	178.9	122.6	183.8
115	78.3	52.8	79.2



Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005

Manual Integrations APPROVED
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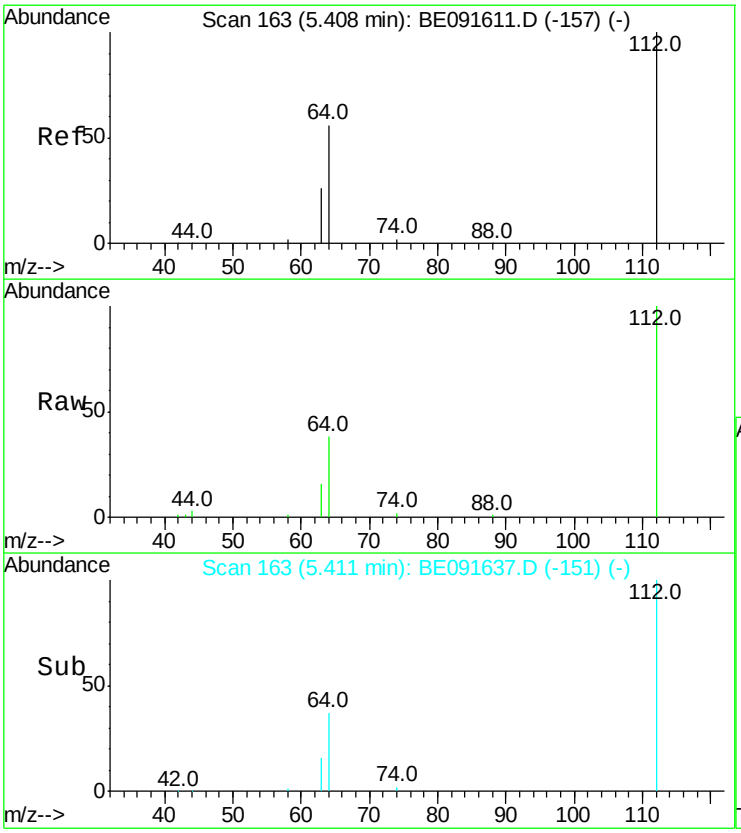
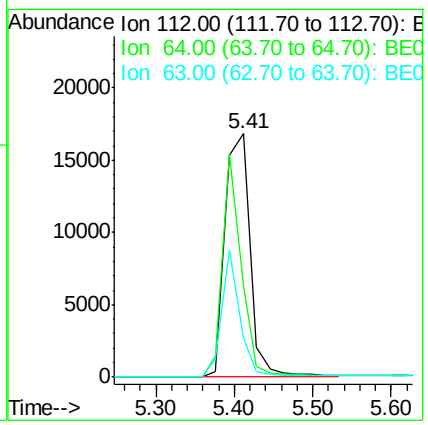
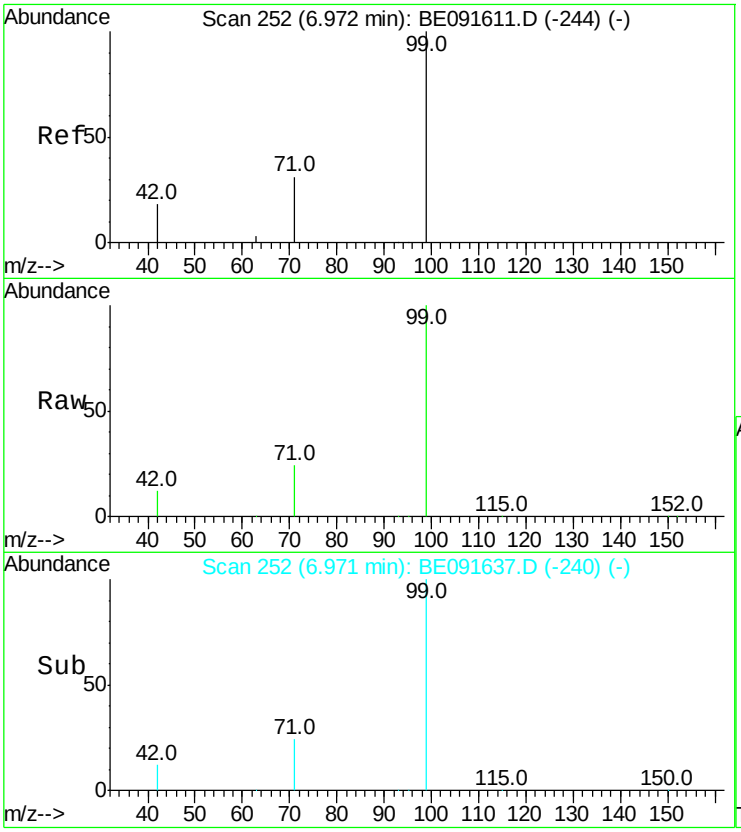


#4
2-Fluorophenol
Concen: 3.70 ng
RT: 5.41 min Scan# 163
Delta R.T. 0.00 min
Lab File: BE091637.D
Acq: 11 Apr 2016 20:32

Tgt Ion:112 Resp: 36957

Ion	Ratio	Lower	Upper
112	100		
64	68.8	30.9	46.3#
63	37.6	16.7	25.1#

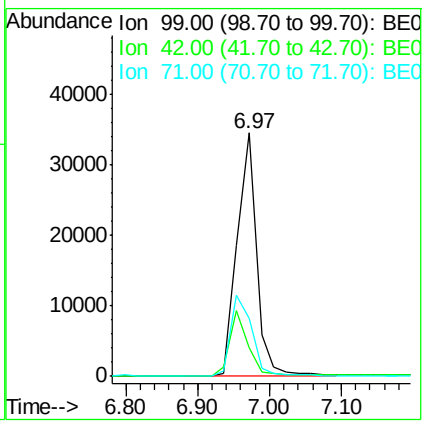




#5
Phenol-d6
Concen: 4.84 ng
RT: 6.97 min Scan# 252
Delta R.T. -0.00 min
Lab File: BE091637.D
Acq: 11 Apr 2016 20:32

Tgt Ion: 99 Resp: 64464

Ion	Ratio	Lower	Upper
99	100		
42	25.2	16.2	24.2#
71	35.9	29.0	43.4



Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005

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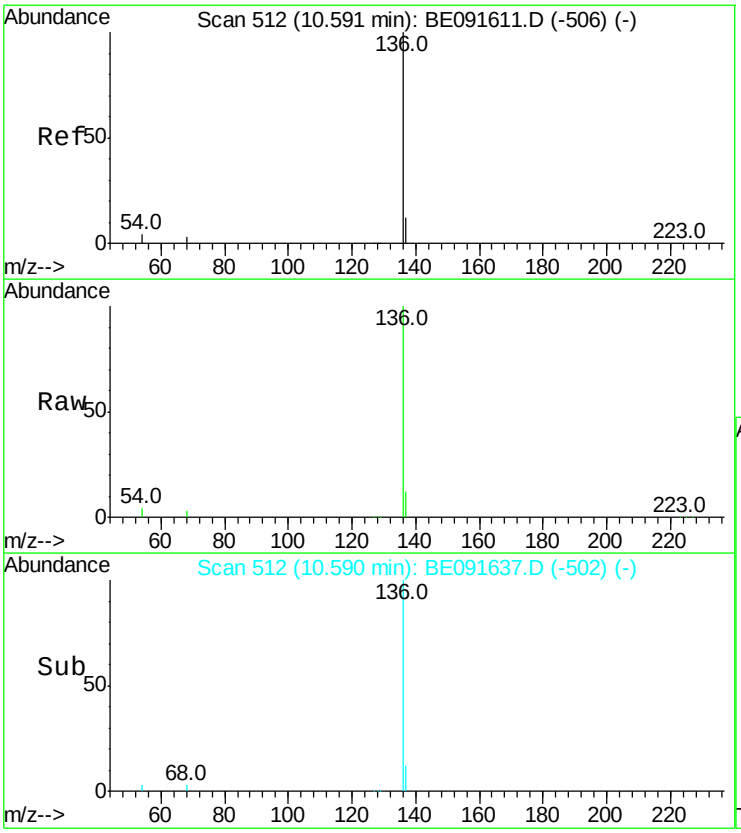
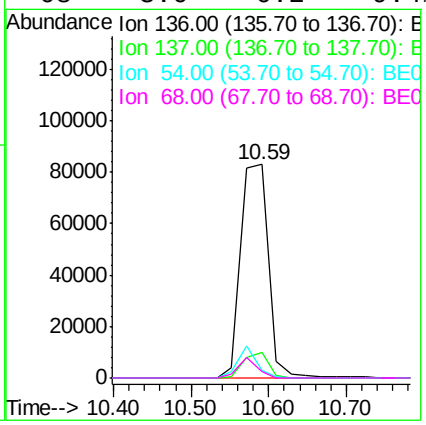
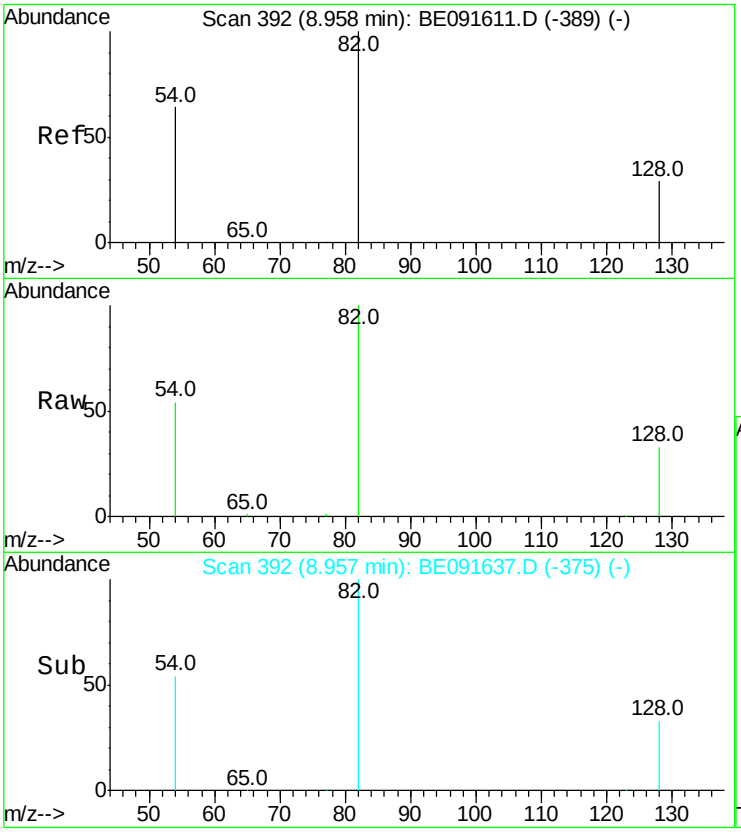


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.59 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE091637.D
Acq: 11 Apr 2016 20:32

Tgt Ion:136 Resp: 204841

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.9	13.3
54	3.6	8.2	12.4#
68	3.0	6.2	9.4#

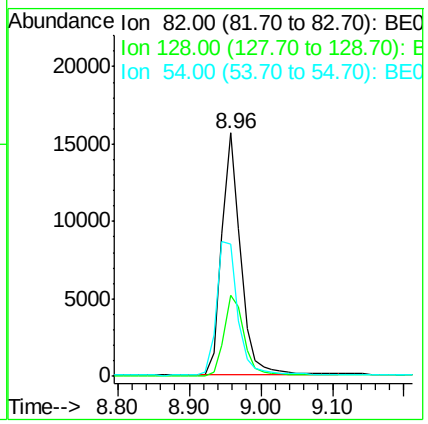




#8
Nitrobenzene-d5
Concen: 2.44 ng
RT: 8.96 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE091637.D
Acq: 11 Apr 2016 20:32

Tgt Ion: 82 Resp: 29026

Ion	Ratio	Lower	Upper
82	100		
128	33.4	25.4	38.0
54	54.4	48.4	72.6



Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005

Manual Integrations APPROVED
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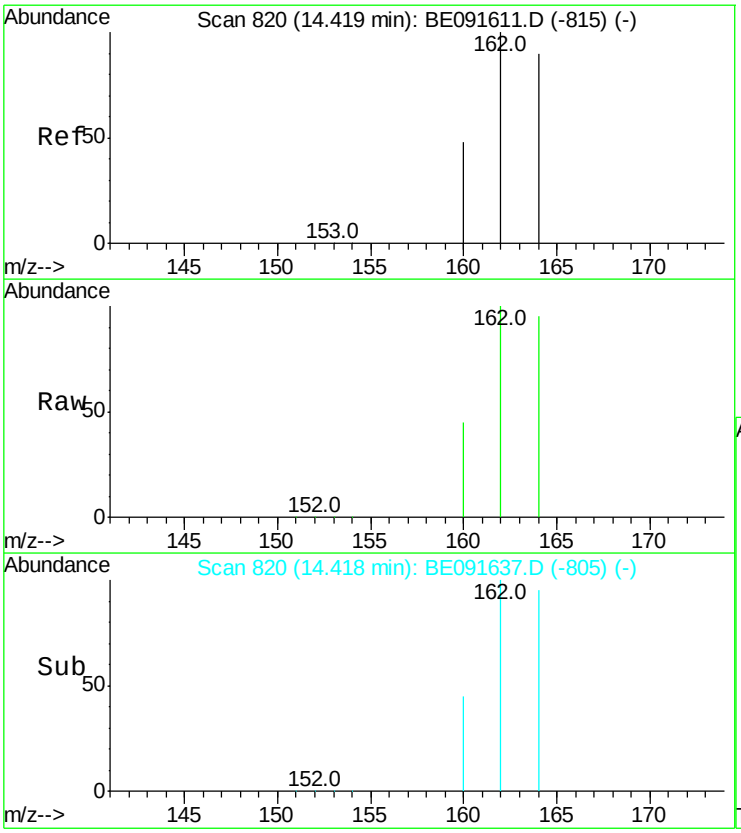
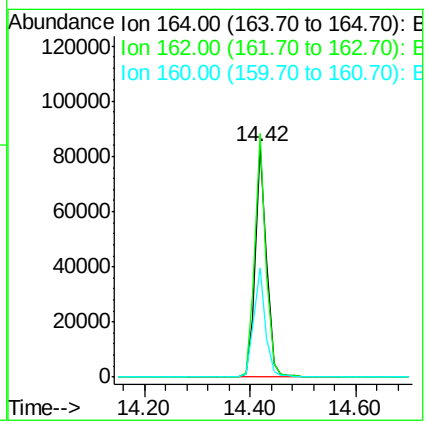
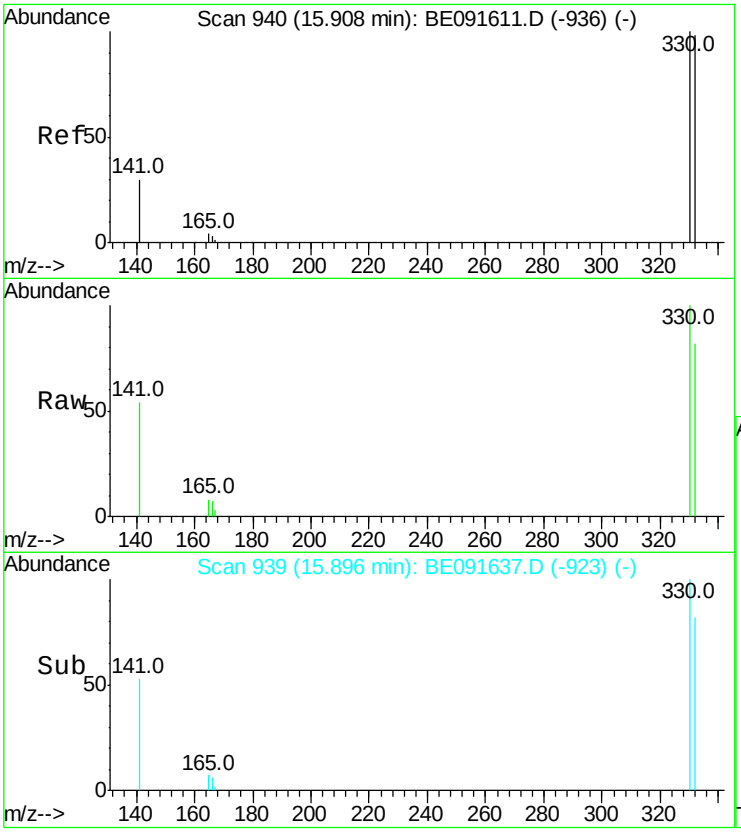


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE091637.D
Acq: 11 Apr 2016 20:32

Tgt Ion:164 Resp: 126072

Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.3	127.9
160	47.6	46.2	69.2

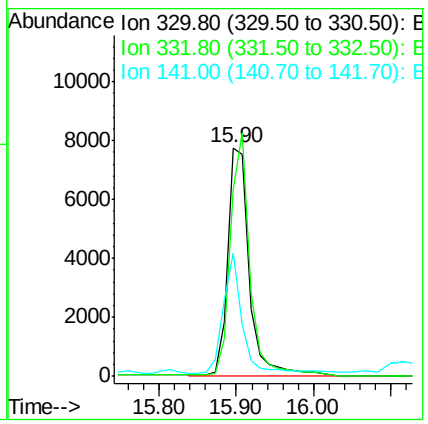




#14
2,4,6-Tribromophenol
Concen: 3.79 ng
RT: 15.90 min Scan# 939
Delta R.T. -0.01 min
Lab File: BE091637.D
Acq: 11 Apr 2016 20:32

Tgt Ion:330 Resp: 16860

Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.1	118.7
141	45.3	125.4	188.0#



Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005

Manual Integrations APPROVED
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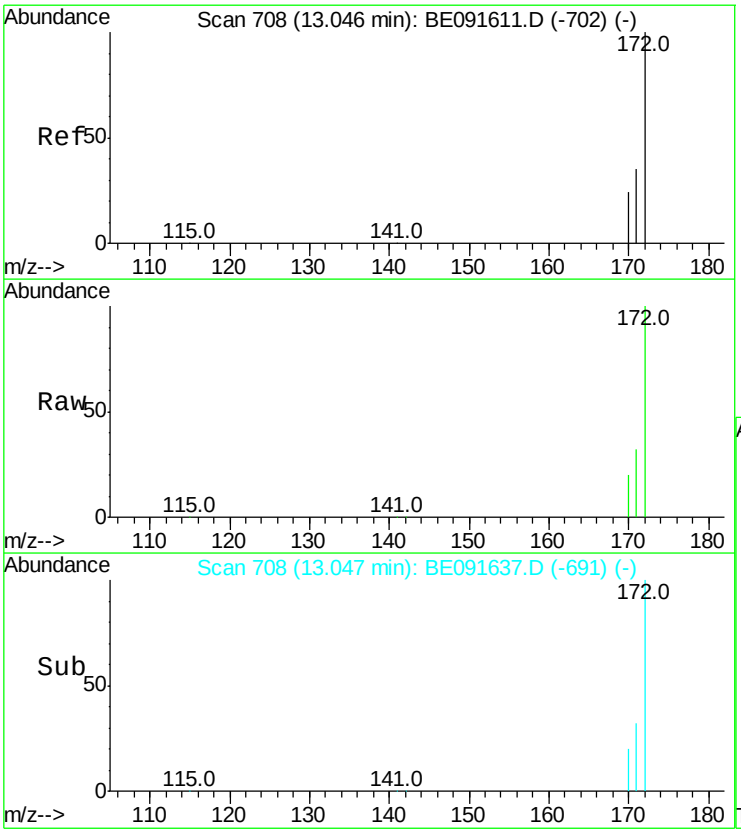
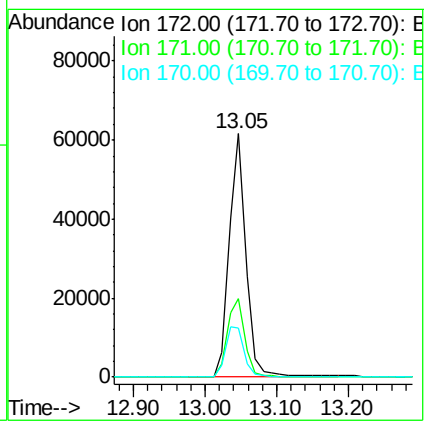
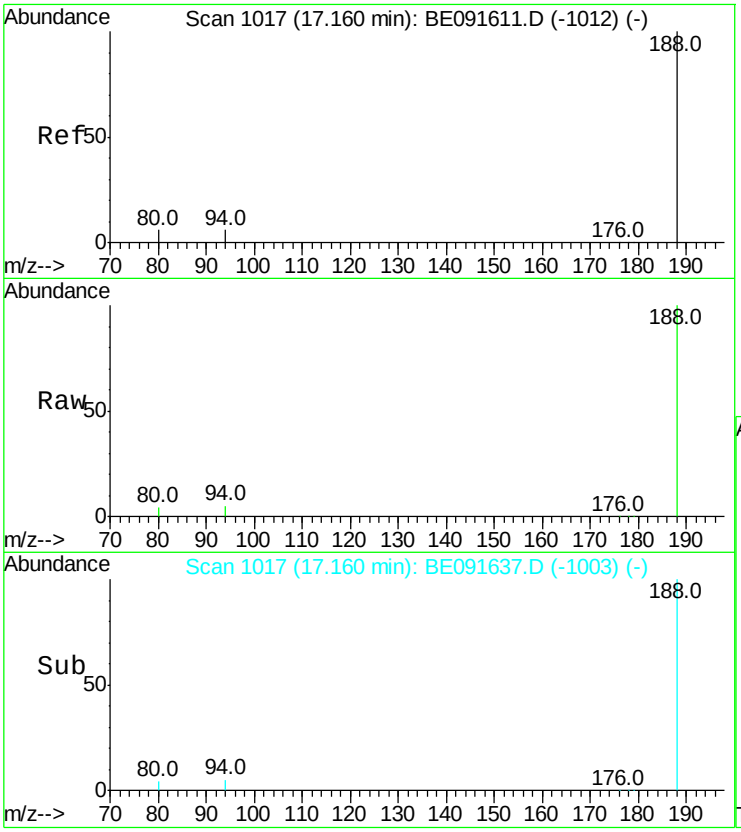


#15
2-Fluorobiphenyl
Concen: 2.84 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091637.D
Acq: 11 Apr 2016 20:32

Tgt Ion:172 Resp: 99481

Ion	Ratio	Lower	Upper
172	100		
171	32.3	28.8	43.2
170	20.0	19.3	28.9





#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BE091637.D
Acq: 11 Apr 2016 20:32

Tgt Ion:188 Resp: 318189

Ion	Ratio	Lower	Upper
188	100		
94	4.7	8.7	13.1#
80	4.0	9.4	14.0#

Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005

Manual Integrations APPROVED
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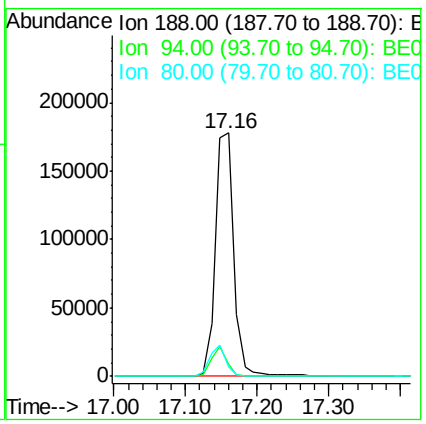
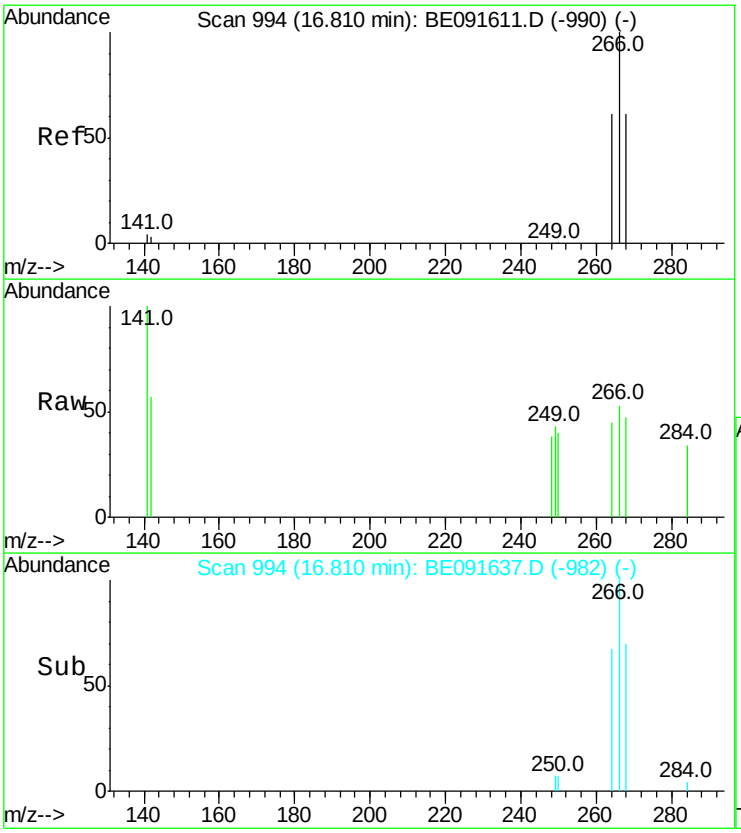
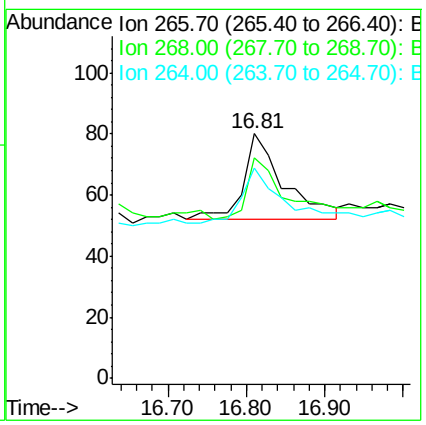


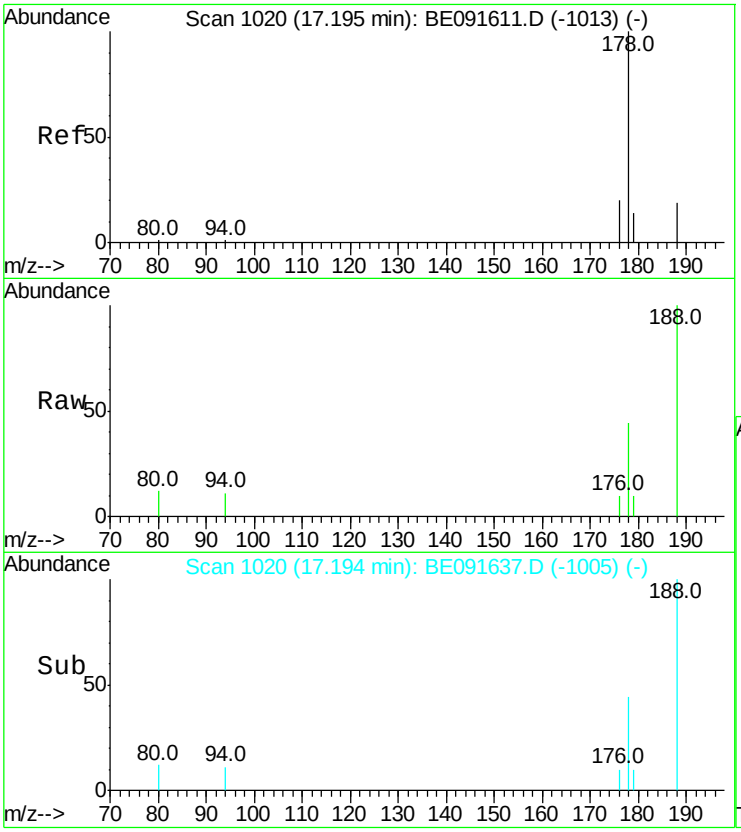


#22
Pentachlorophenol
Concen: 0.24 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE091637.D
Acq: 11 Apr 2016 20:32

Tgt Ion:266 Resp: 101

Ion	Ratio	Lower	Upper
266	100		
268	90.0	58.2	87.2#
264	86.3	56.2	84.4#





#23
Phenanthrene
Concen: 0.03 ng m
RT: 17.19 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE091637.D
Acq: 11 Apr 2016 20:32

Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005

Manual Integrations APPROVED
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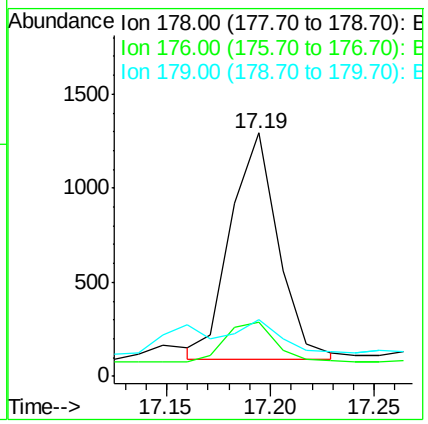
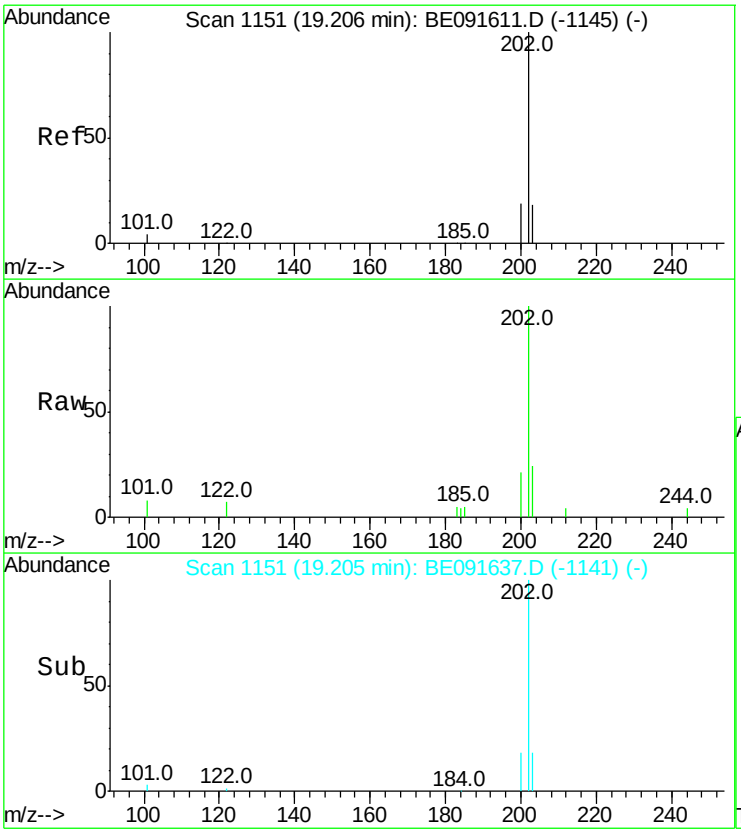
Tgt Ion:178 Resp: 1908

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

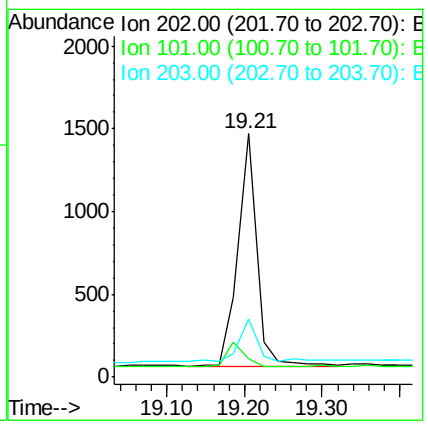


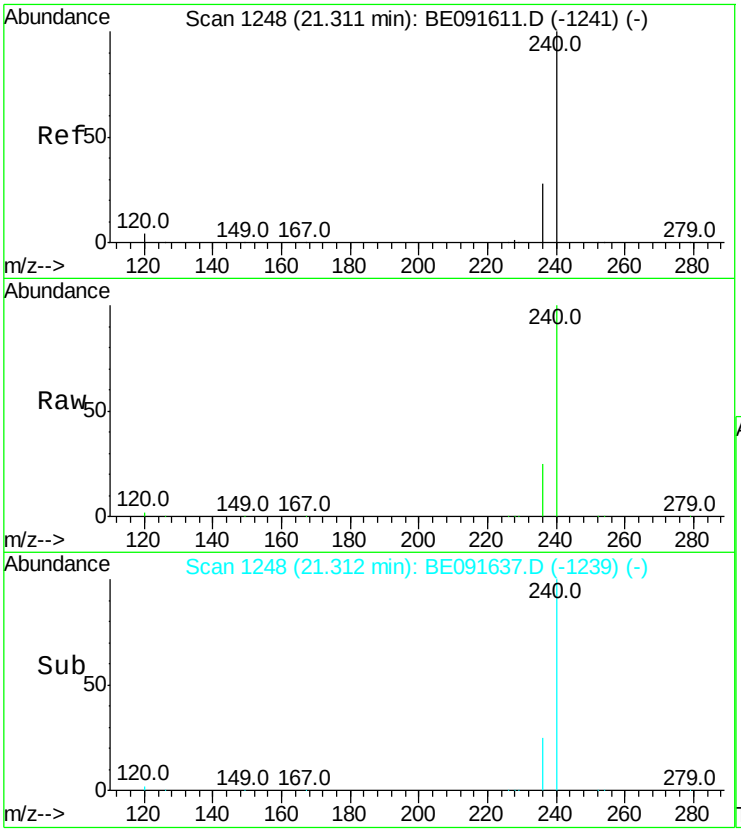


#25
Fluoranthene
Concen: 0.03 ng
RT: 19.21 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE091637.D
Acq: 11 Apr 2016 20:32

Tgt Ion:202 Resp: 2376

Ion	Ratio	Lower	Upper
202	100		
101	10.6	11.0	16.6#
203	24.7	13.9	20.9#





#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091637.D
Acq: 11 Apr 2016 20:32

Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005

Manual Integrations APPROVED
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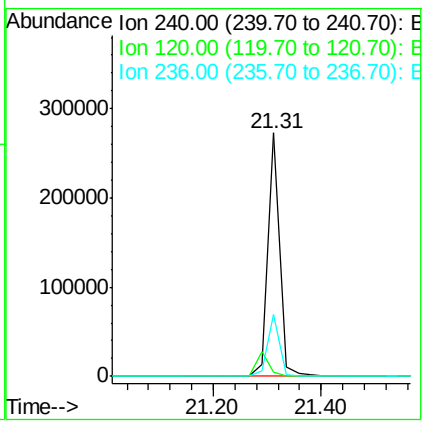
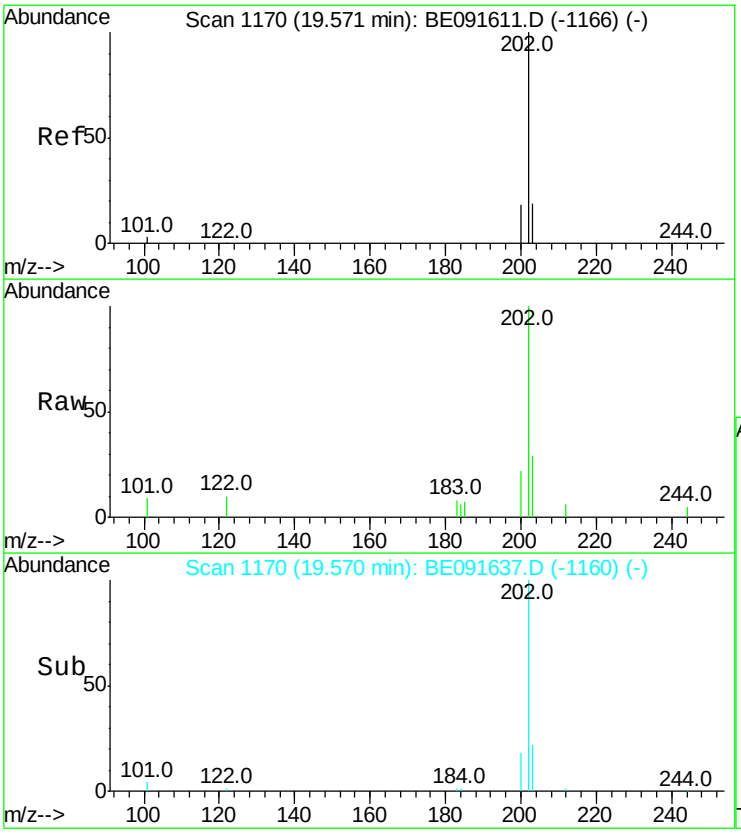
Tgt Ion:240 Resp: 418642

Ion	Ratio	Lower	Upper
240	100		
120	1.8	11.0	16.4#
236	25.5	21.7	32.5

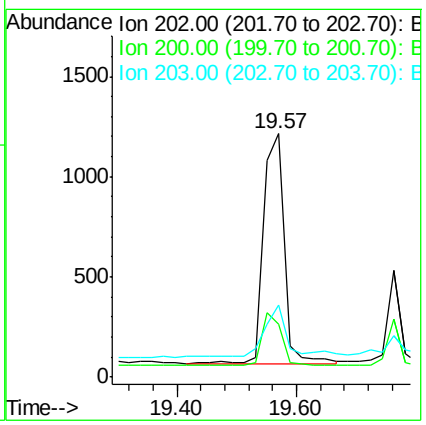


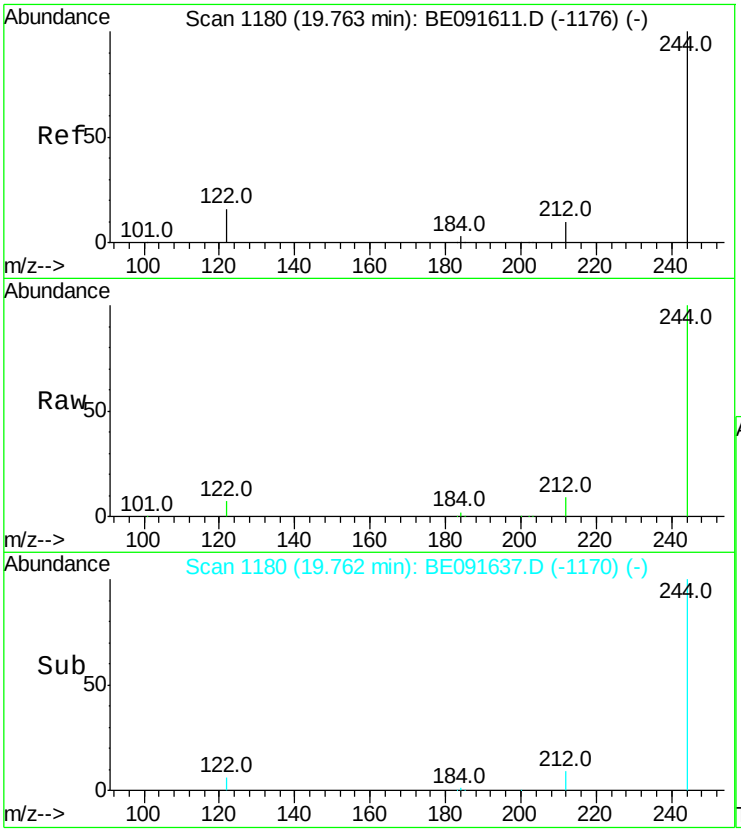


#28
Pyrene
Concen: 0.03 ng
RT: 19.57 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BE091637.D
Acq: 11 Apr 2016 20:32

Tgt Ion:202 Resp: 2738

Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.8	25.2
203	25.3	14.0	21.0#





#29
Terphenyl-d14
Concen: 3.21 ng
RT: 19.76 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BE091637.D
Acq: 11 Apr 2016 20:32

Tgt Ion:244 Resp: 167811

Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.9	10.3
122	6.5	11.0	16.4#

Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005

Manual Integrations APPROVED
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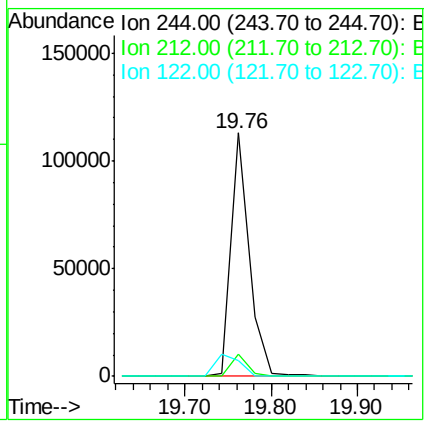
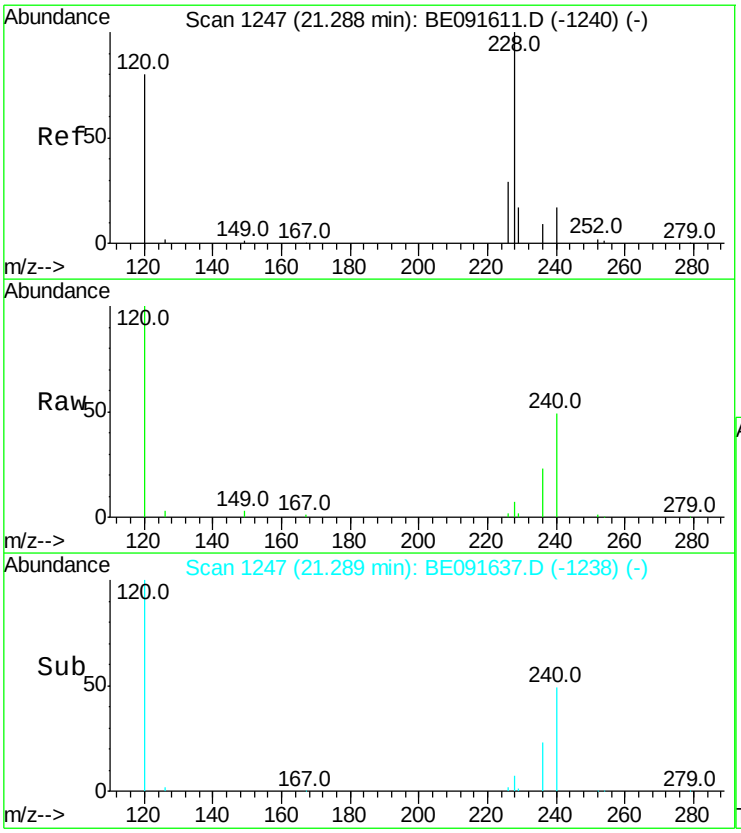
4/12/2016 5:35:10 PM

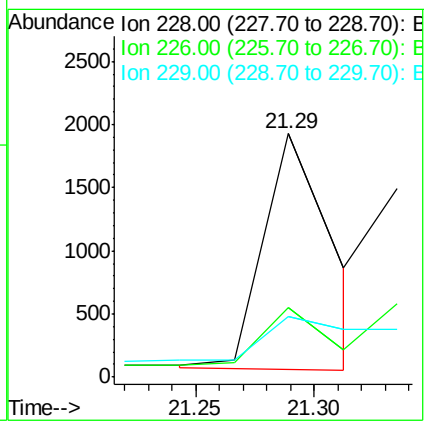


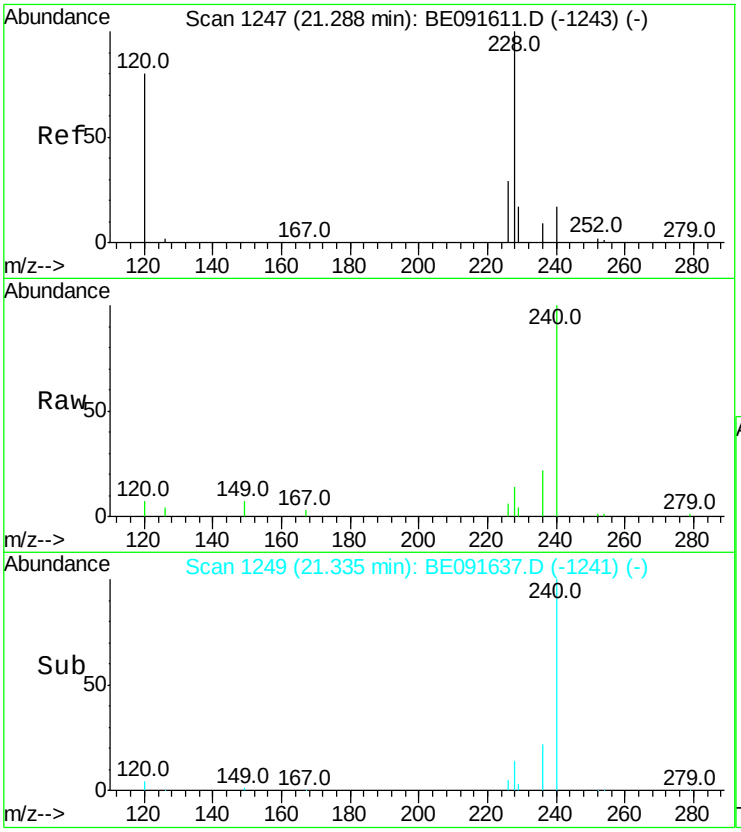


#30
Benzo(a)anthracene
Concen: 0.04 ng m
RT: 21.29 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091637.D
Acq: 11 Apr 2016 20:32

Tgt Ion:228 Resp: 3776

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.0	31.4
229	24.7	15.7	23.5#

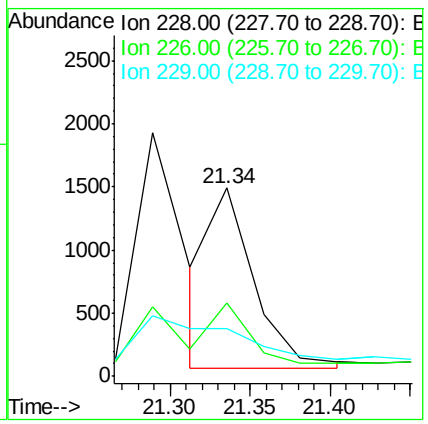




#32
Chrysene
Concen: 0.03 ng m
RT: 21.34 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BE091637.D
Acq: 11 Apr 2016 20:32

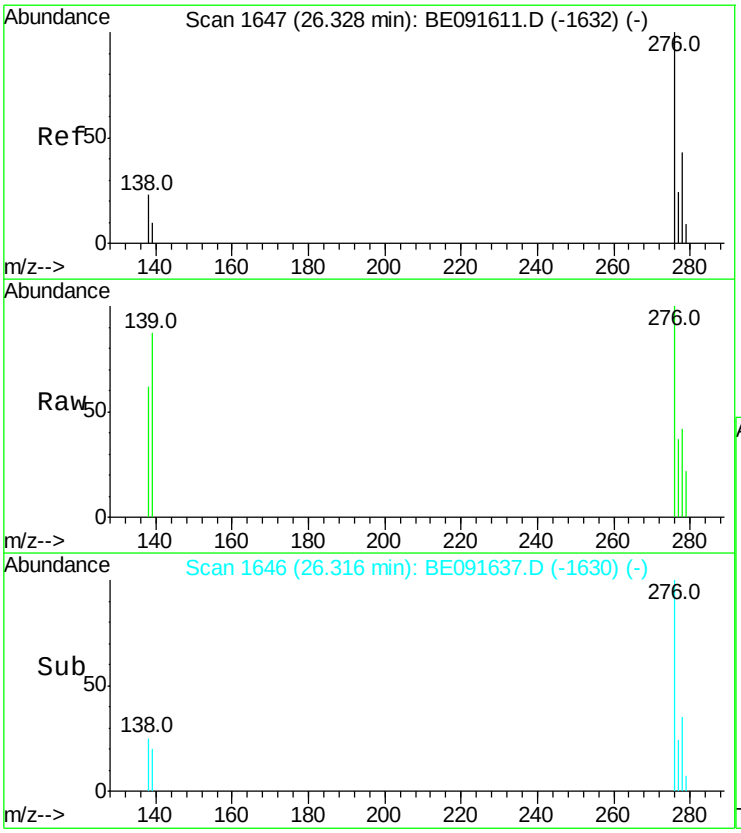
Tgt Ion:228 Resp: 2708

Ion	Ratio	Lower	Upper
228	100		
226	38.9	24.0	36.0#
229	25.4	15.9	23.9#



Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005

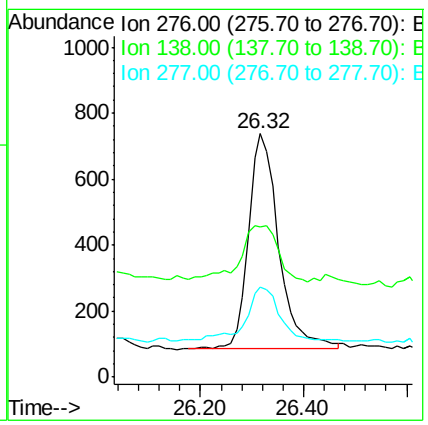
Manual Integrations APPROVED
Sohil
4/12/2016 5:35:10 PM

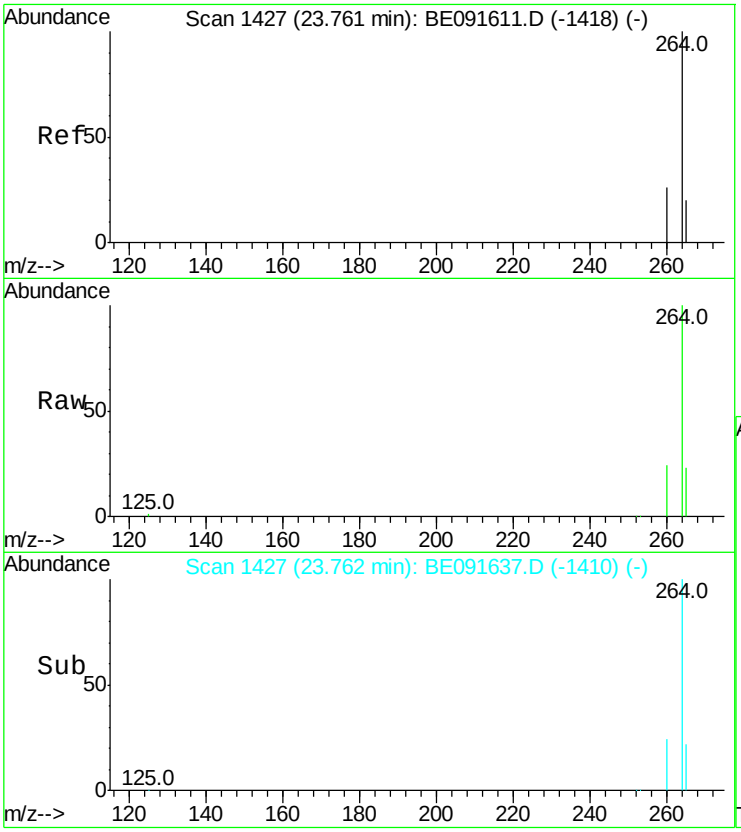


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 26.32 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BE091637.D
Acq: 11 Apr 2016 20:32

Tgt Ion:276 Resp: 2661

Ion	Ratio	Lower	Upper
276	100		
138	33.1	23.4	35.2
277	27.4	19.8	29.8

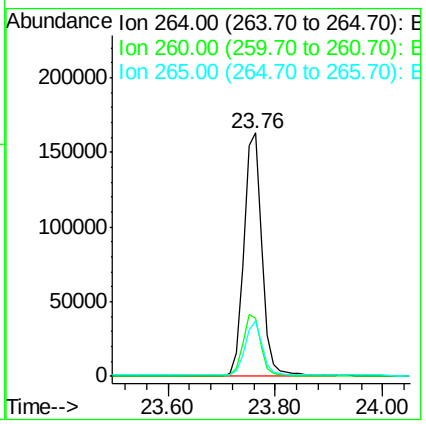




#35
Perylene-d12
Concen: 5.00 ng
RT: 23.76 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BE091637.D
Acq: 11 Apr 2016 20:32

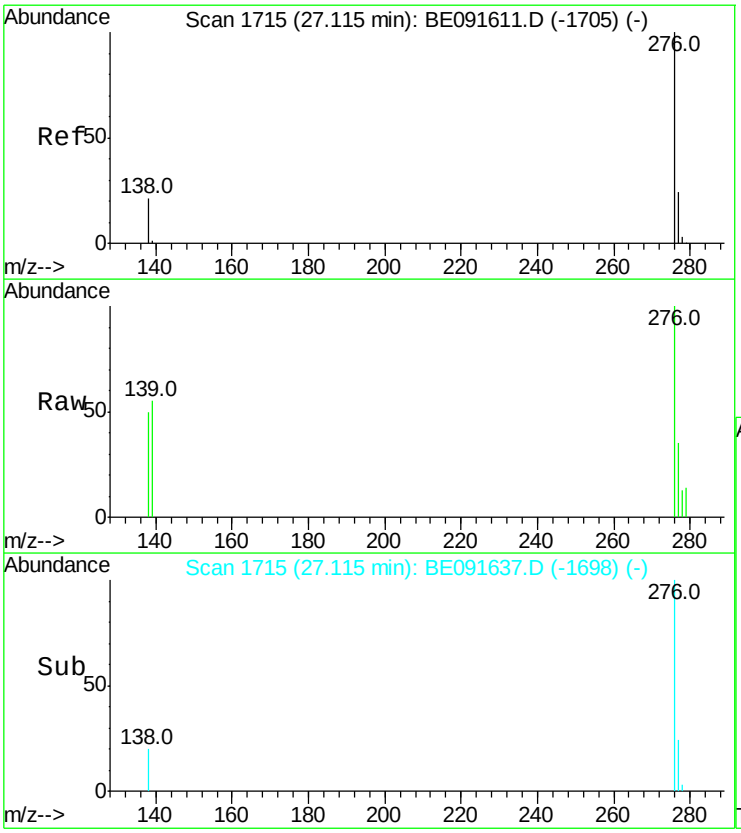
Tgt Ion:264 Resp: 378929

Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.0	30.0
265	22.7	17.5	26.3



Instrument :
BNA_E
ClientSampleId :
TILCONMHDGA005

Manual Integrations APPROVED
Sohil
4/12/2016 5:35:10 PM



#40
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 27.11 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BE091637.D
Acq: 11 Apr 2016 20:32

Tgt Ion:276 Resp: 2834

Ion	Ratio	Lower	Upper
276	100		
277	34.8	18.6	28.0#
138	49.9	20.4	30.6#