Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE040116\
Data File : BE091578.D
Acq On : 31 Mar 2016 10:15
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Manual Integrations APPROVED
Sohil
4/1/2016 9:38:28 PM

Quant Time: Apr 01 00:49:40 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE033016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 18:45:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	37083	5.00	ng		0.00
6) Naphthalene-d8	10.59	136	170255	5.00	ng		0.00
10) Acenaphthene-d10	14.42	164	104850	5.00	ng		-0.03
16) Phenanthrene-d10	17.16	188	268854	5.00	ng		-0.01
22) Chrysene-d12	21.31	240	395875	5.00	ng		-0.02
28) Perylene-d12	23.76	264	329379	5.00	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	3702	0.38	ng		-0.01
5) Phenol-d6	6.97	99	4963	0.38	ng		-0.02
7) Nitrobenzene-d5	8.96	82	4161	0.36	ng		-0.02
11) 2,4,6-Tribromophenol	15.91	330	1358	0.29	ng		-0.01
12) 2-Fluorobiphenyl	13.05	172	11798	0.40	ng		-0.02
24) Terphenyl-d14	19.76	244	18838	0.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	2001	0.36	ng		97
3) n-Nitrosodimethylamine	3.65	42	2394	0.36	ng		99
8) Naphthalene	10.63	128	14196	0.40	ng		96
9) 2-Methylnaphthalene	12.25	142	8967	0.39	ng		97
13) Acenaphthylene	14.14	152	16765	0.40	ng	#	92
14) Acenaphthene	14.49	154	10219	0.39	ng		96
15) Fluorene	15.47	166	12981	0.39	ng		99
17) Hexachlorobenzene	16.46	284	3867	0.39	ng		99
18) Pentachlorophenol	16.81	266	2068	0.37	ng		90
19) Phenanthrene	17.19	178	24660	0.39	ng		100
20) Anthracene	17.29	178	21636	0.37	ng		100
21) Fluoranthene	19.21	202	28716	0.39	ng		100
23) Pyrene	19.57	202	29744	0.37	ng		100
25) Benzo(a)anthracene	21.29	228	34192m	0.37	ng		
26) Chrysene	21.33	228	29594m	0.37	ng		
27) Indeno(1,2,3-cd)pyrene	26.32	276	33019	0.36	ng		99
29) Benzo(b)fluoranthene	23.01	252	31789	0.40	ng		97
30) Benzo(k)fluoranthene	23.06	252	29232	0.38	ng		96
31) Benzo(a)pyrene	23.65	252	27813	0.38	ng		97
32) Dibenzo(a,h)anthracene	26.35	278	27558	0.38	ng		98
33) Benzo(g,h,i)perylene	27.12	276	28356	0.39	ng		99

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

Quantitation Report (QT Reviewed)

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Data File : BE091578.D
Acq On : 31 Mar 2016 10:15
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Misc :
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Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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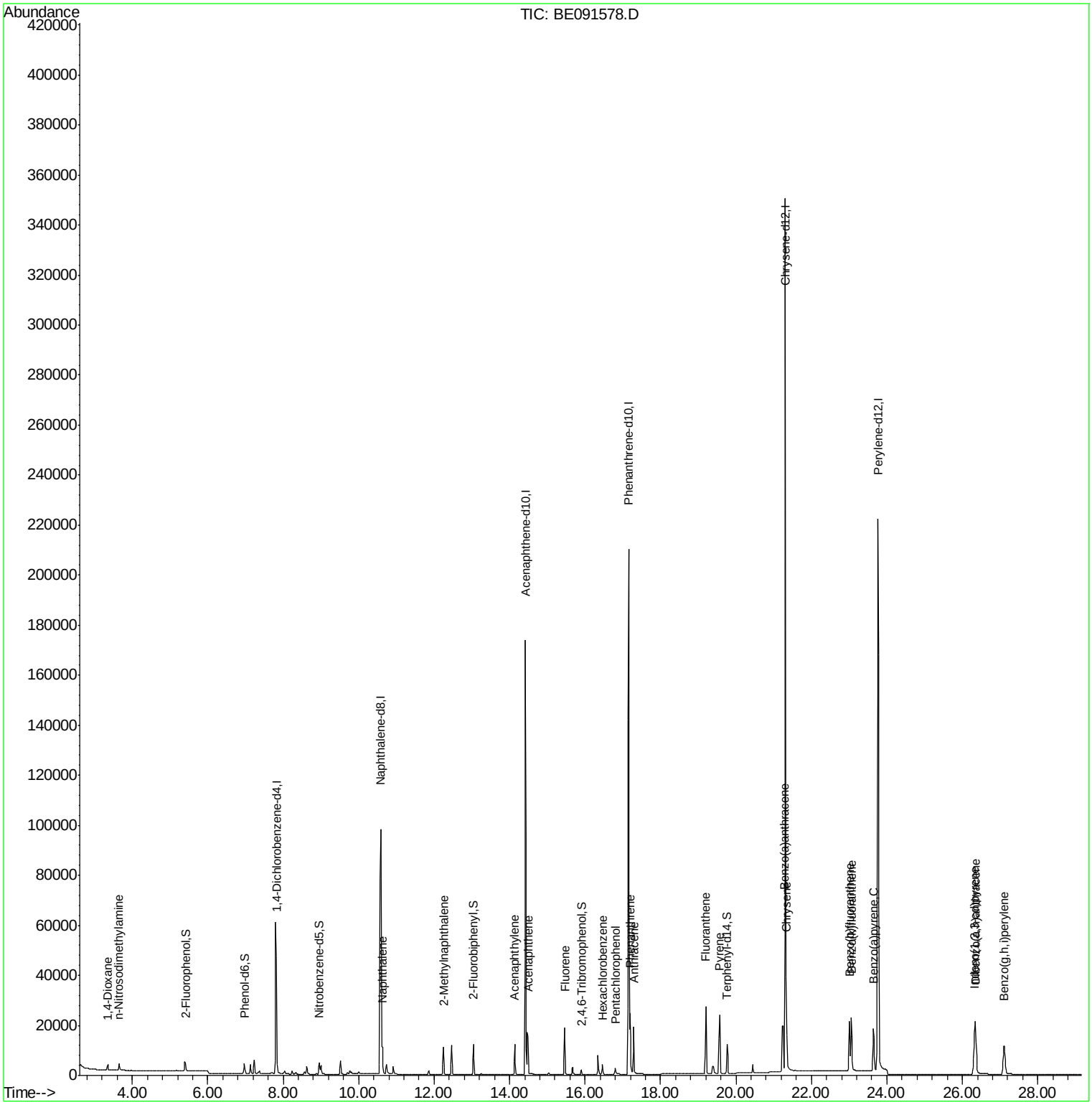
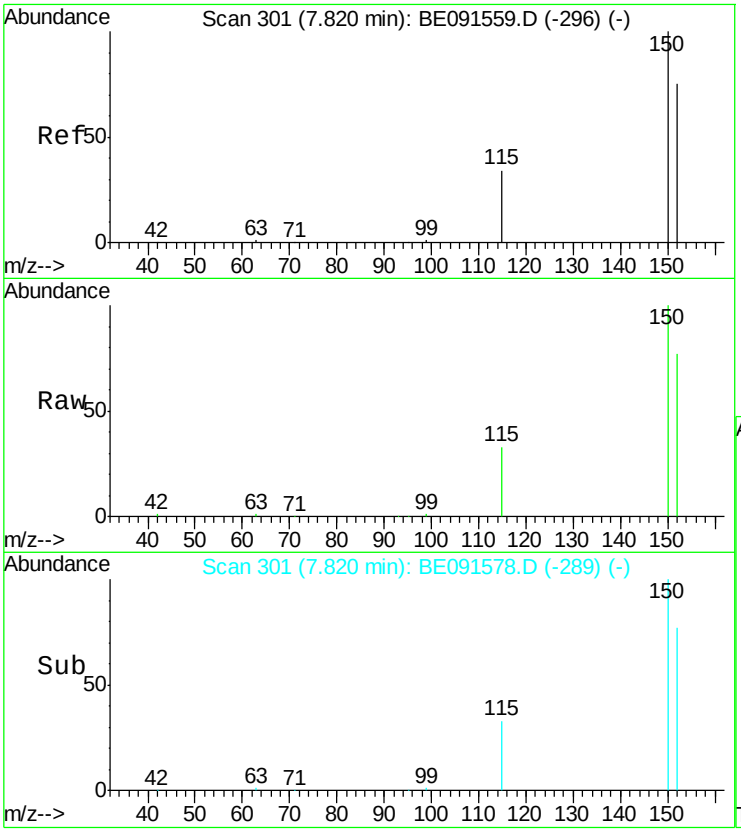
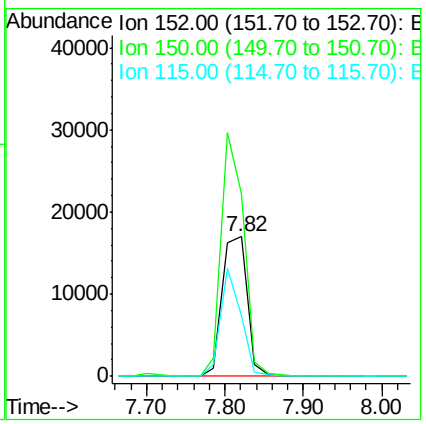




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.82 min Scan# 301
Delta R.T. 0.00 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:152 Resp: 37083

Ion	Ratio	Lower	Upper
152	100		
150	130.3	122.2	183.2
115	43.5	45.9	68.9#



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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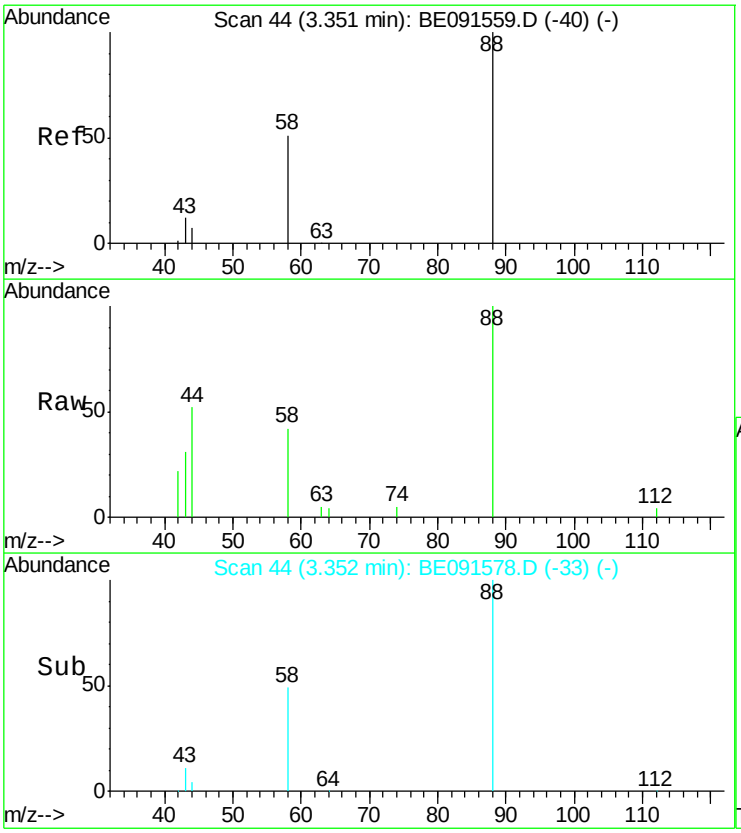
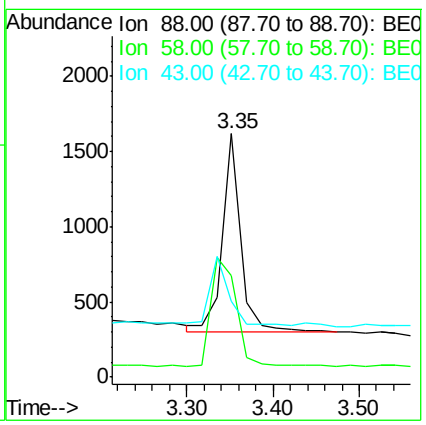
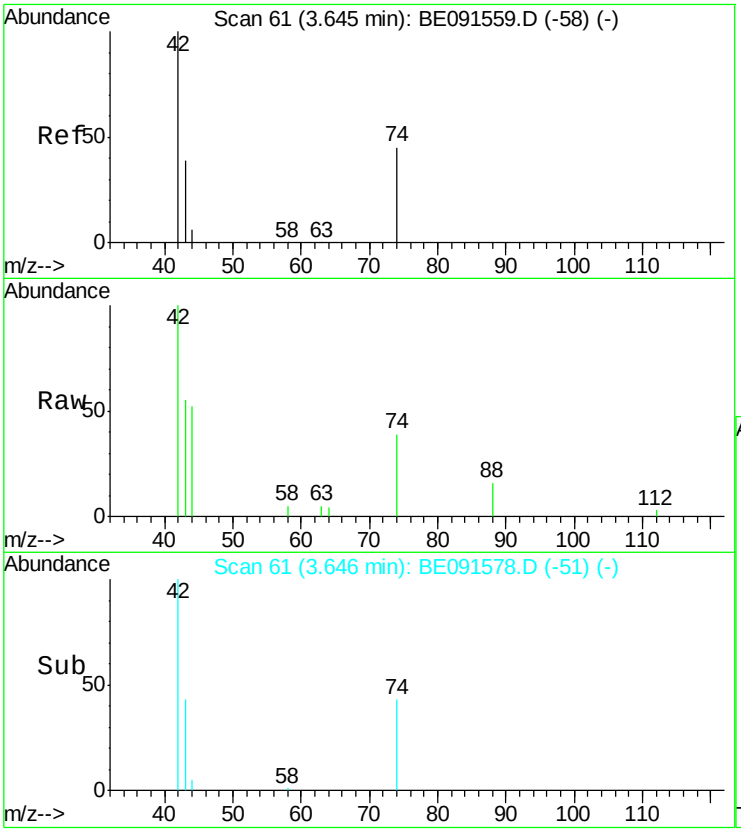


#2
1,4-Dioxane
Concen: 0.36 ng
RT: 3.35 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion: 88 Resp: 2001

Ion	Ratio	Lower	Upper
88	100		
58	73.7	61.0	91.6
43	34.3	25.4	38.2

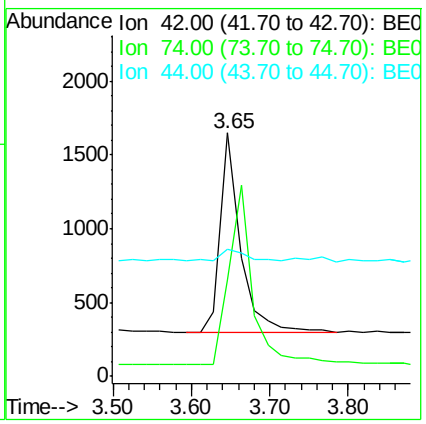




#3
n-Nitrosodimethylamine
Concen: 0.36 ng
RT: 3.65 min Scan# 61
Delta R.T. -0.03 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion: 42 Resp: 2394

Ion	Ratio	Lower	Upper
42	100		
74	106.5	84.3	126.5
44	7.4	6.7	10.1



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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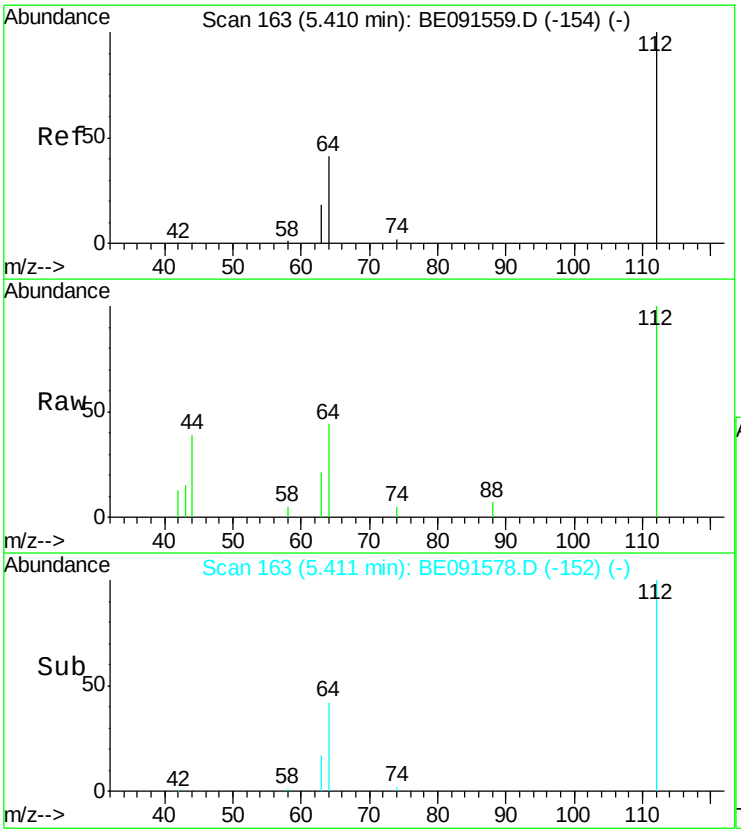
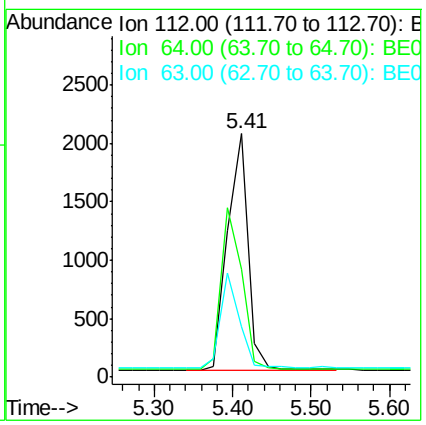
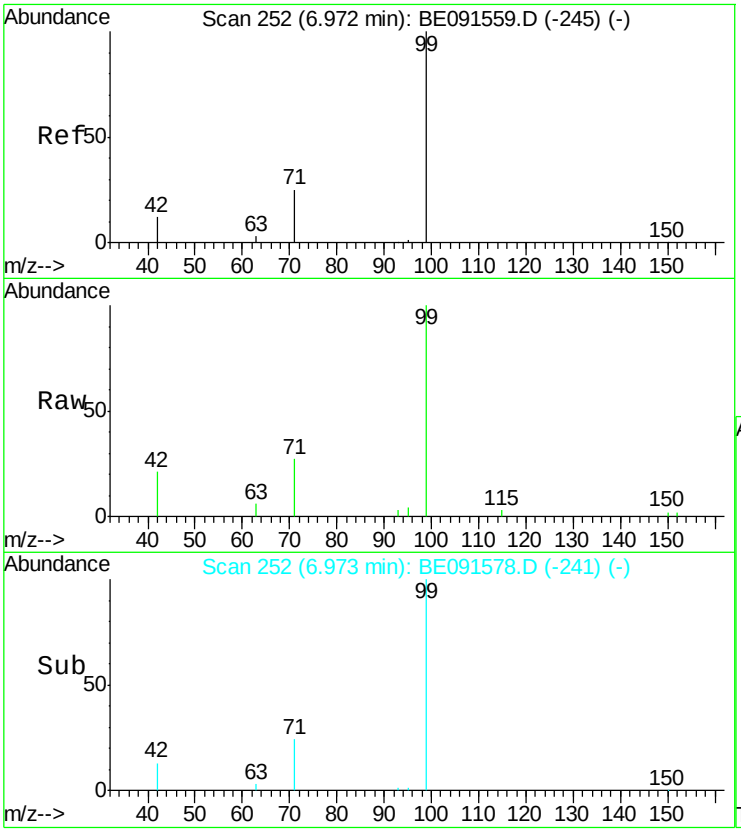


#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.01 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:112 Resp: 3702

Ion	Ratio	Lower	Upper
112	100		
64	68.7	53.3	79.9
63	36.5	29.8	44.8

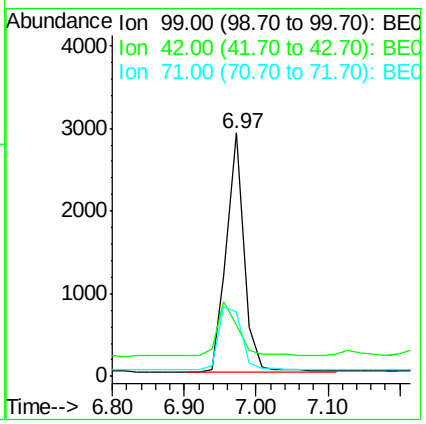




#5
Phenol-d6
Concen: 0.38 ng
RT: 6.97 min Scan# 252
Delta R.T. -0.02 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion: 99 Resp: 4963

Ion	Ratio	Lower	Upper
99	100		
42	27.8	20.6	30.8
71	35.0	29.0	43.4



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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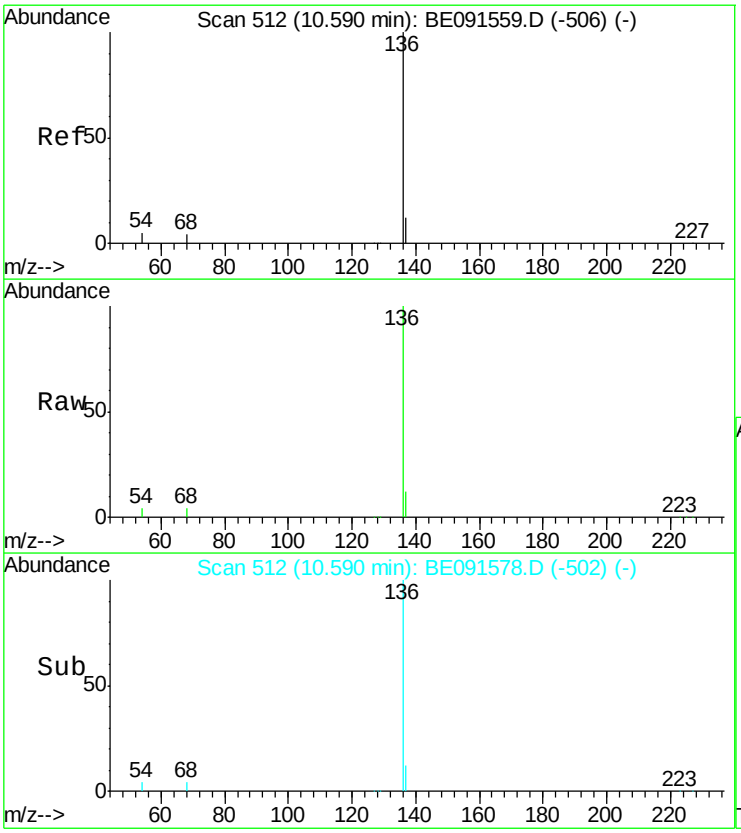
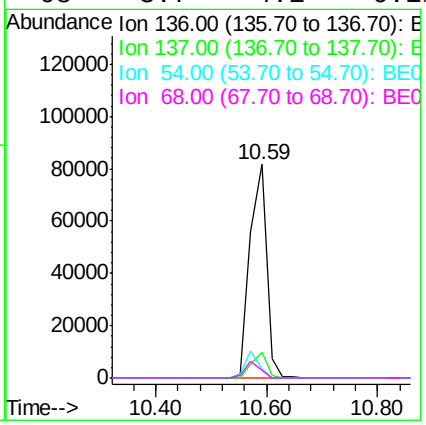
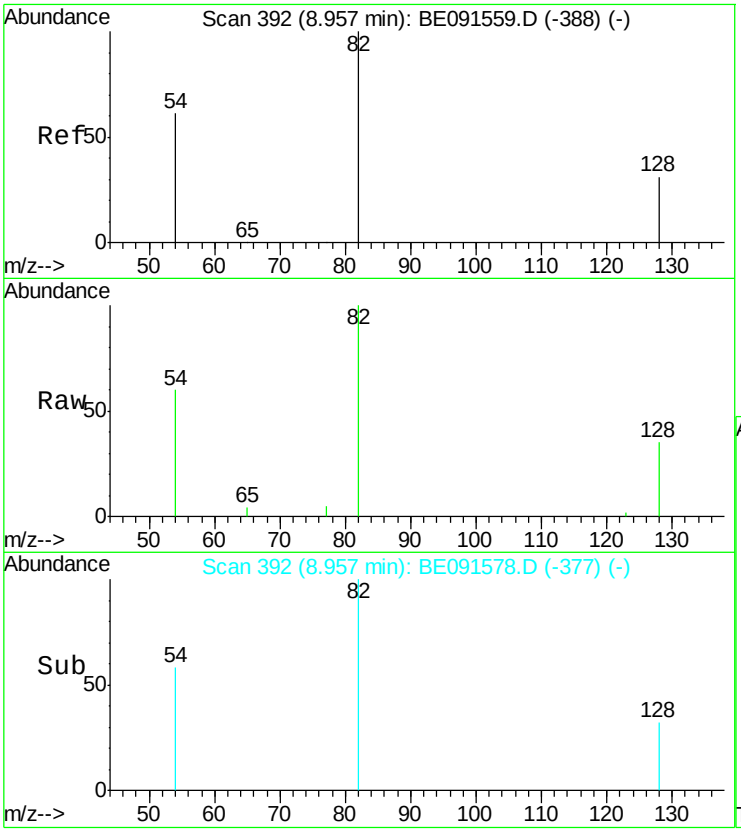


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.59 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:136 Resp: 170255

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	4.4	5.2	7.8#
68	3.7	4.1	6.1#

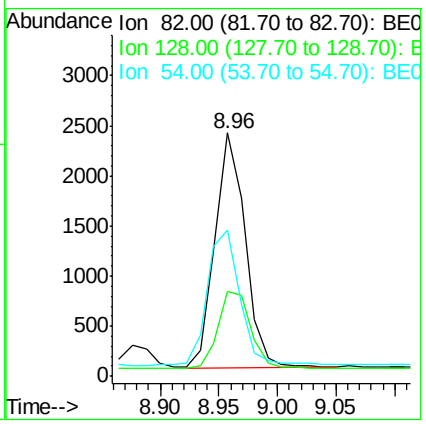




#7
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.96 min Scan# 392
Delta R.T. -0.02 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion: 82 Resp: 4161

Ion	Ratio	Lower	Upper
82	100		
128	34.7	23.5	35.3
54	60.3	52.4	78.6



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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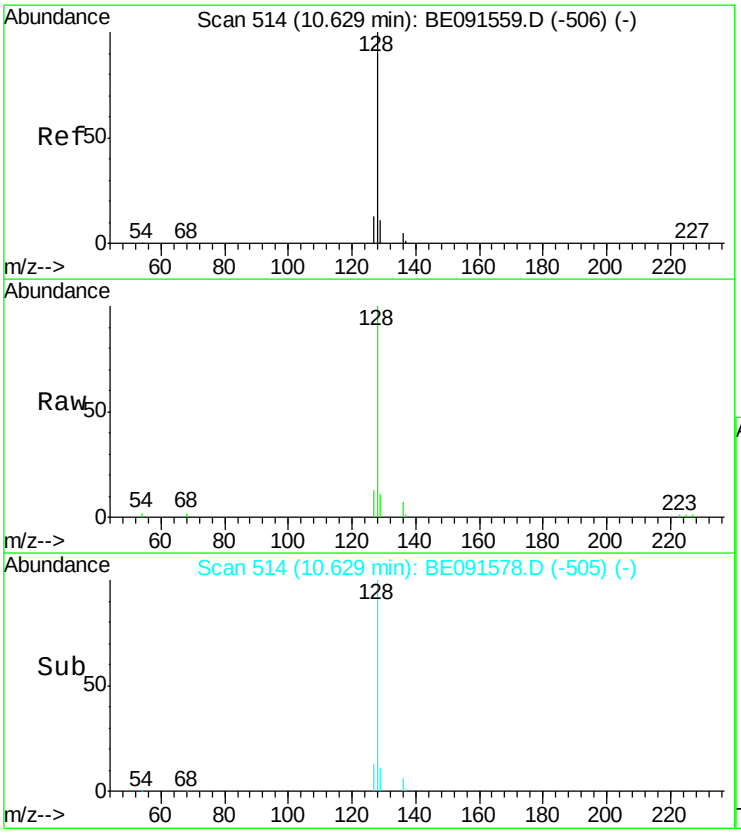
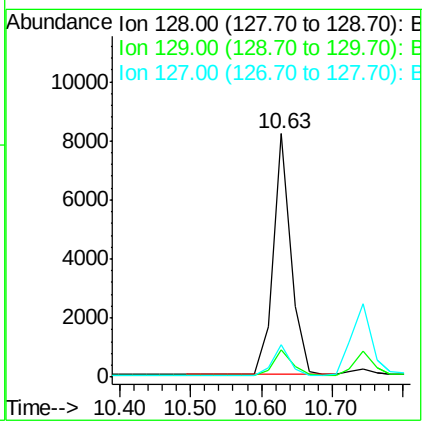
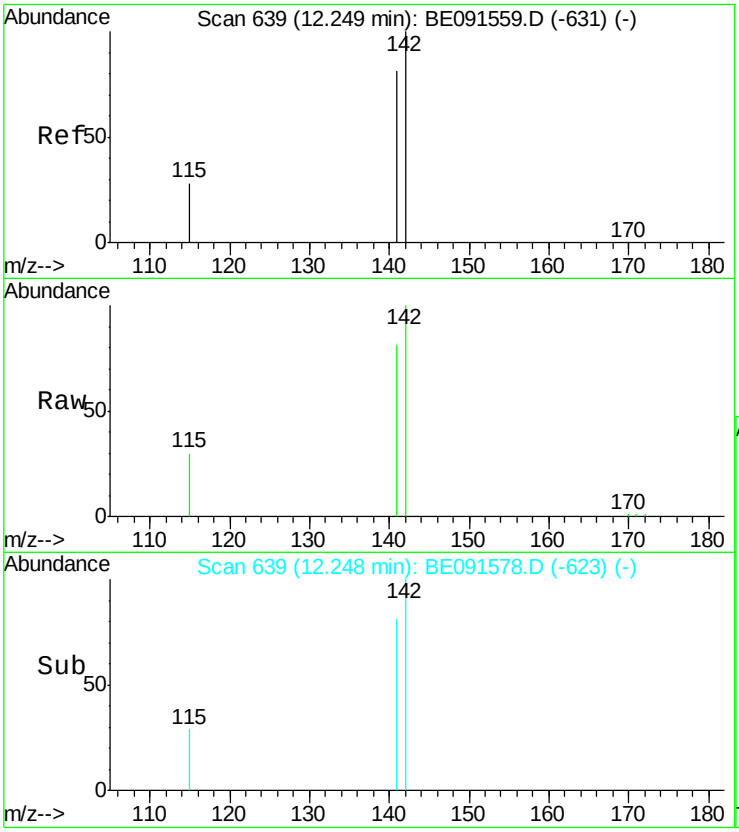


#8
Naphthalene
Concen: 0.40 ng
RT: 10.63 min Scan# 514
Delta R.T. -0.02 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:128 Resp: 14196

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.2	12.2
127	13.2	11.8	17.8

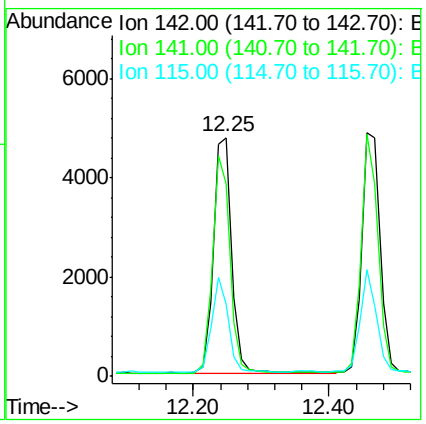




#9
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.25 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:142 Resp: 8967

Ion	Ratio	Lower	Upper
142	100		
141	80.7	66.9	100.3
115	30.2	25.1	37.7



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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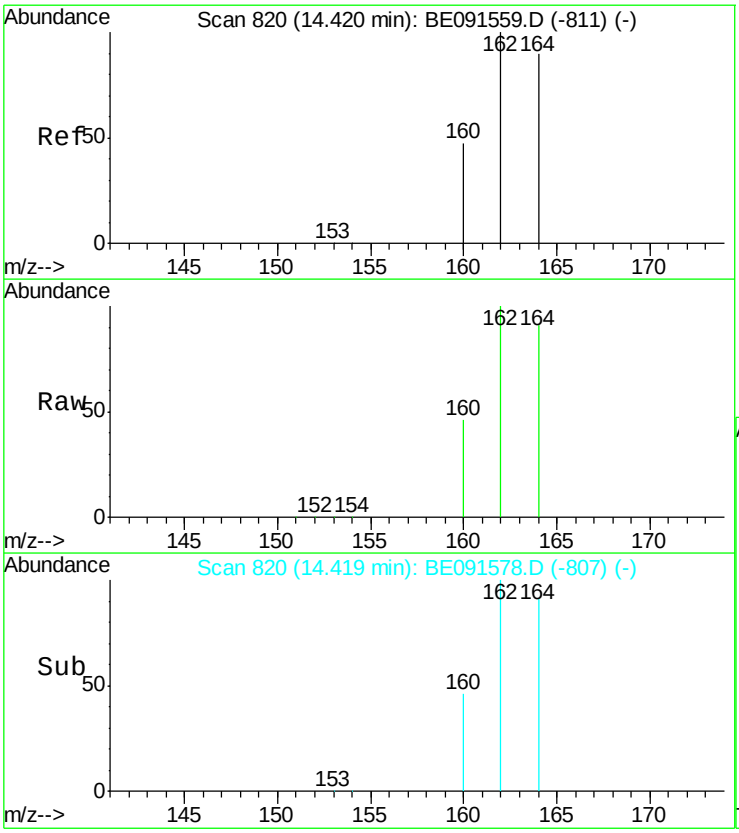
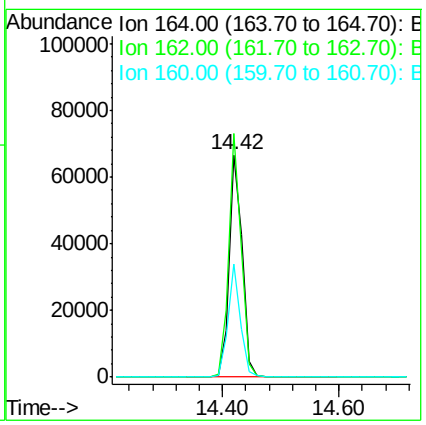
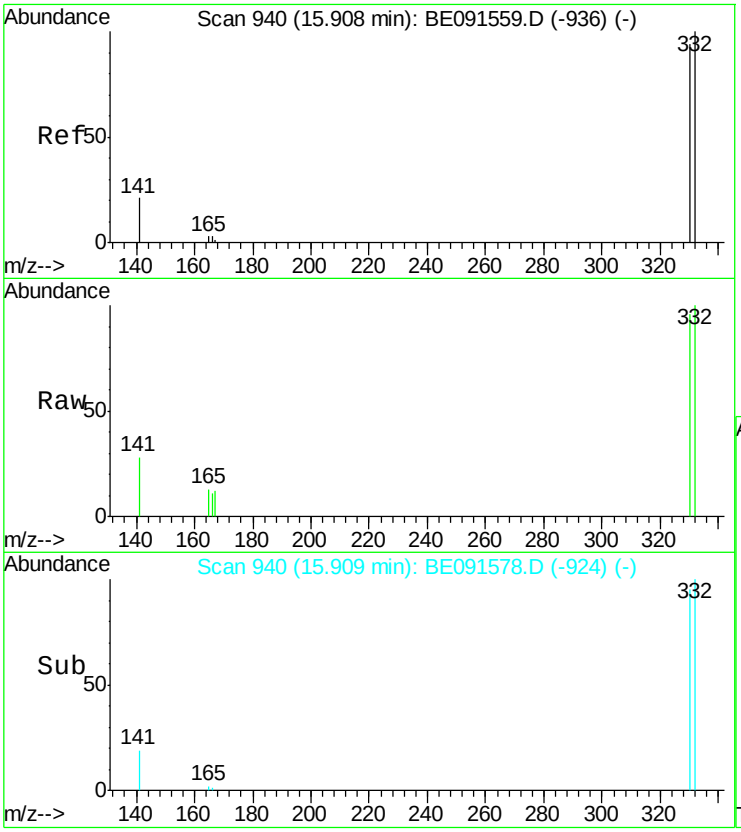


#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. -0.03 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:164 Resp: 104850

Ion	Ratio	Lower	Upper
164	100		
162	109.7	84.4	126.6
160	50.9	37.7	56.5

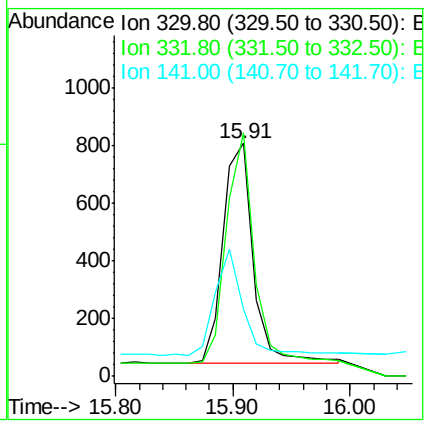




#11
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.91 min Scan# 940
Delta R.T. -0.01 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:330 Resp: 1358

Ion	Ratio	Lower	Upper
330	100		
332	96.2	79.2	118.8
141	45.1	28.1	42.1#



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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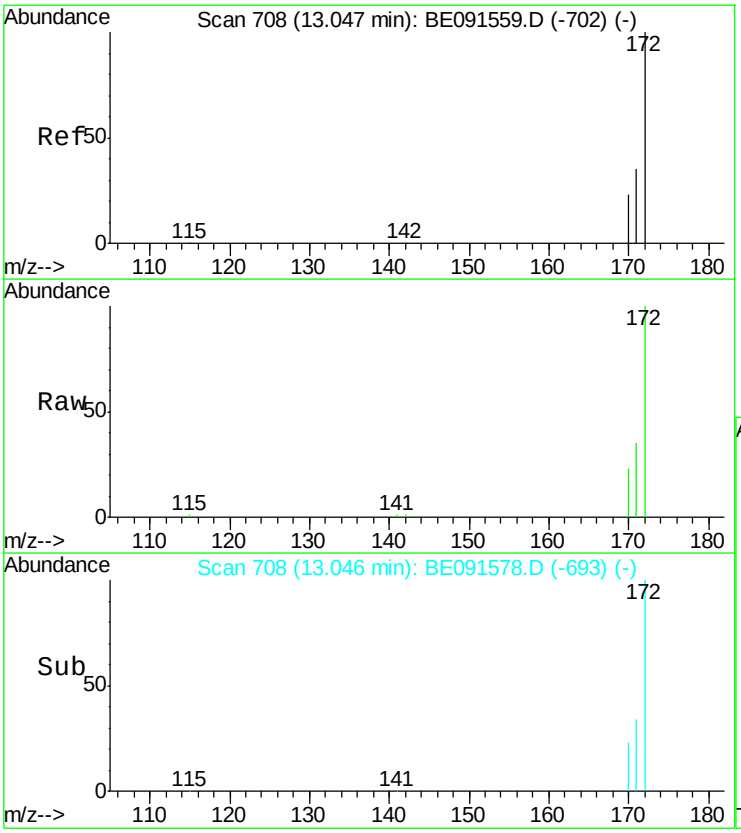
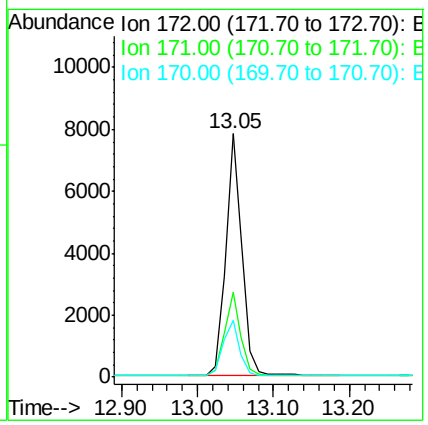
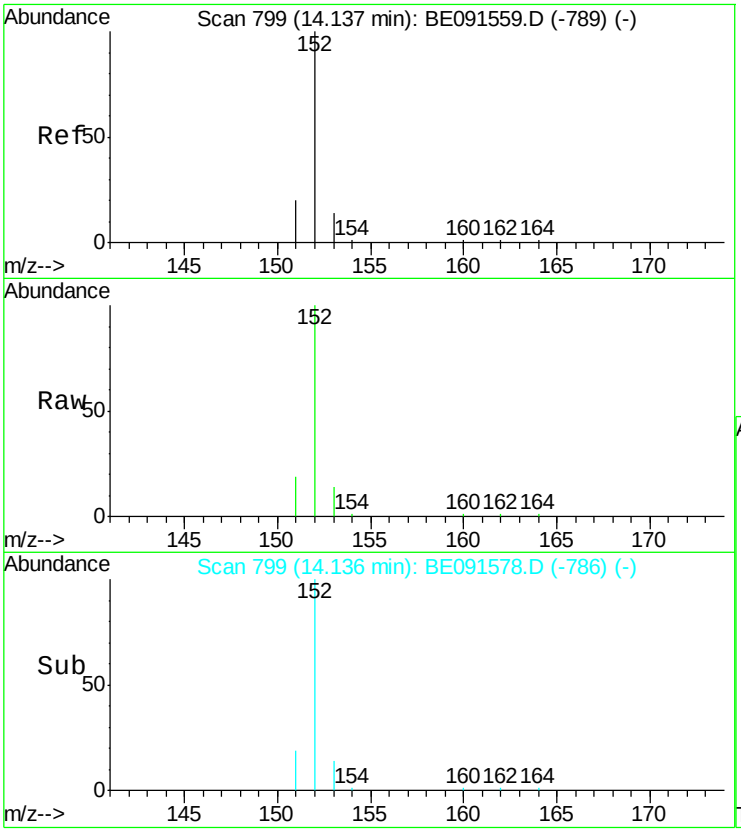


#12
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.05 min Scan# 708
Delta R.T. -0.02 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:172 Resp: 11798

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.8	44.8
170	23.1	21.4	32.2

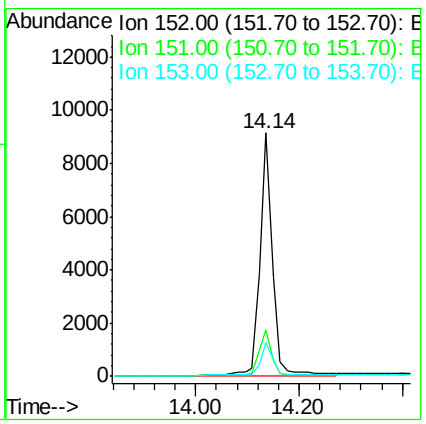




#13
Acenaphthylene
Concen: 0.40 ng
RT: 14.14 min Scan# 799
Delta R.T. -0.01 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:152 Resp: 16765

Ion	Ratio	Lower	Upper
152	100		
151	17.5	16.3	24.5
153	18.0	11.1	16.7#



Instrument :
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SSTDCCC0.4

Manual Integrations APPROVED
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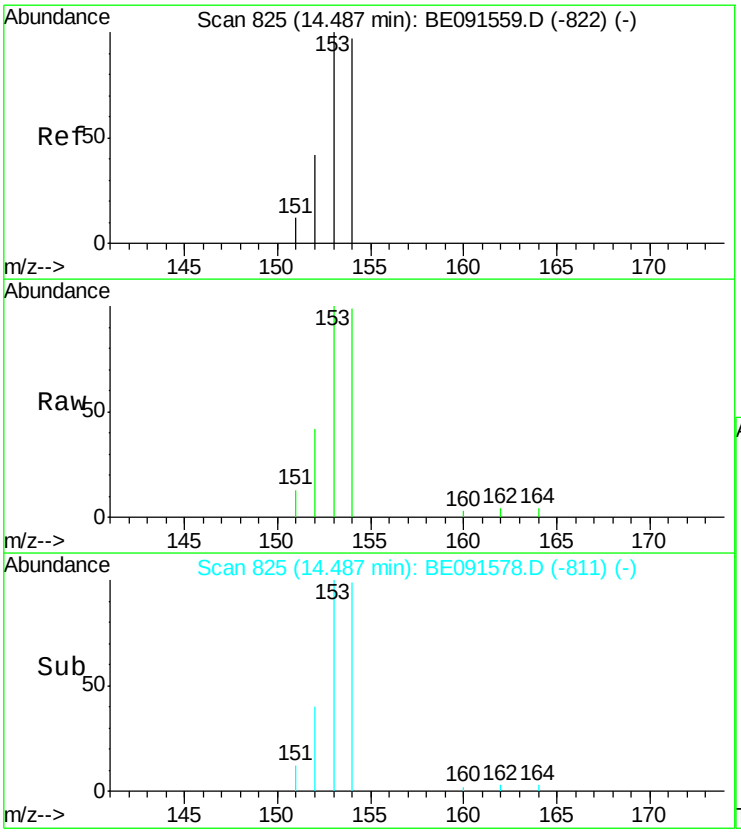
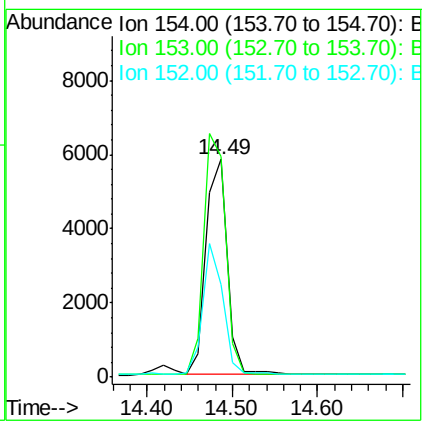
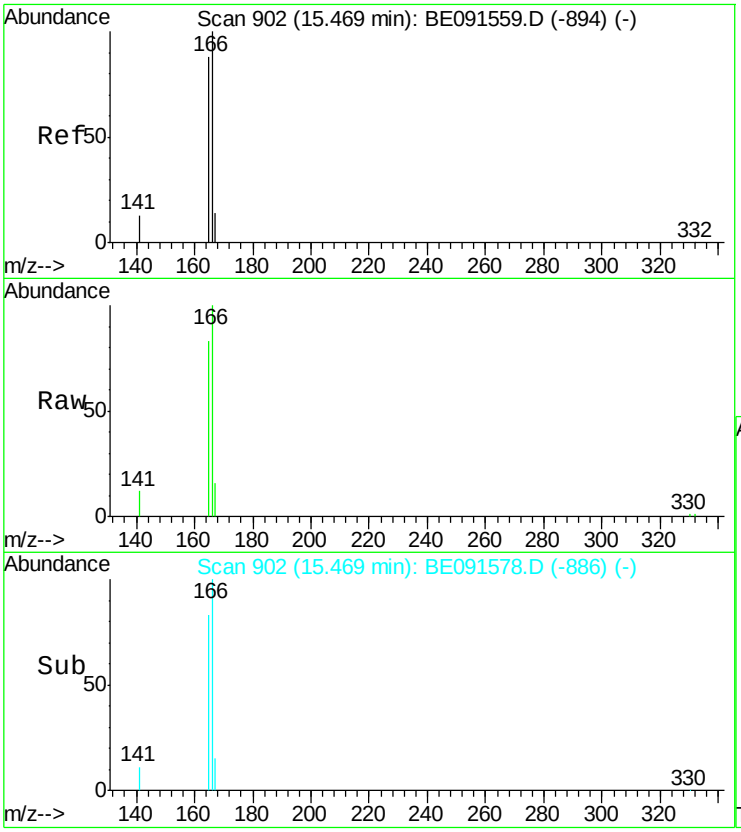


#14
Acenaphthene
Concen: 0.39 ng
RT: 14.49 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:154 Resp: 10219

Ion	Ratio	Lower	Upper
154	100		
153	114.1	87.3	130.9
152	56.1	42.9	64.3

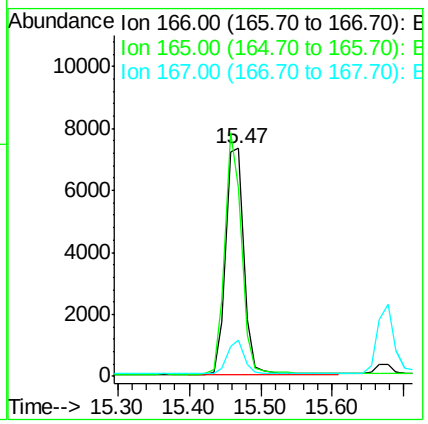




#15
Fluorene
Concen: 0.39 ng
RT: 15.47 min Scan# 902
Delta R.T. -0.01 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:166 Resp: 12981

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.2	118.8
167	13.8	10.8	16.2



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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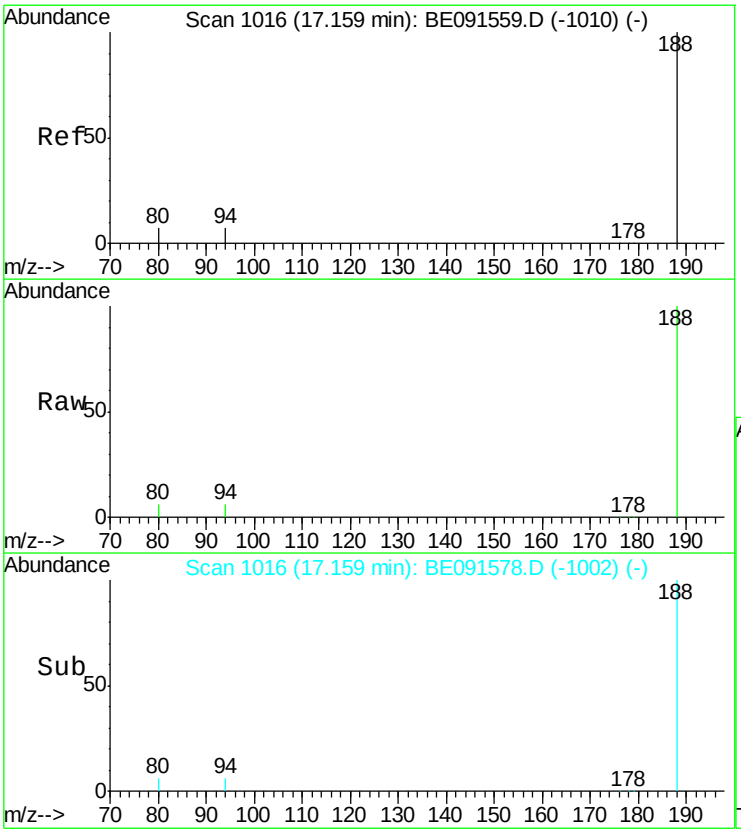
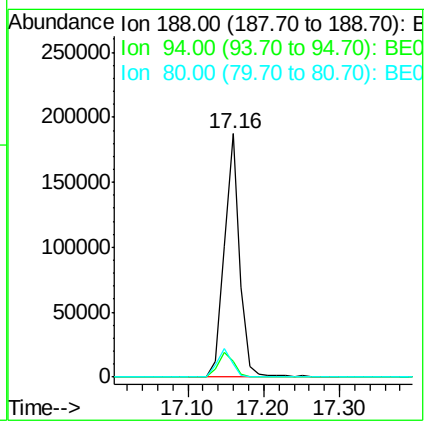
4/1/2016 9:38:28 PM

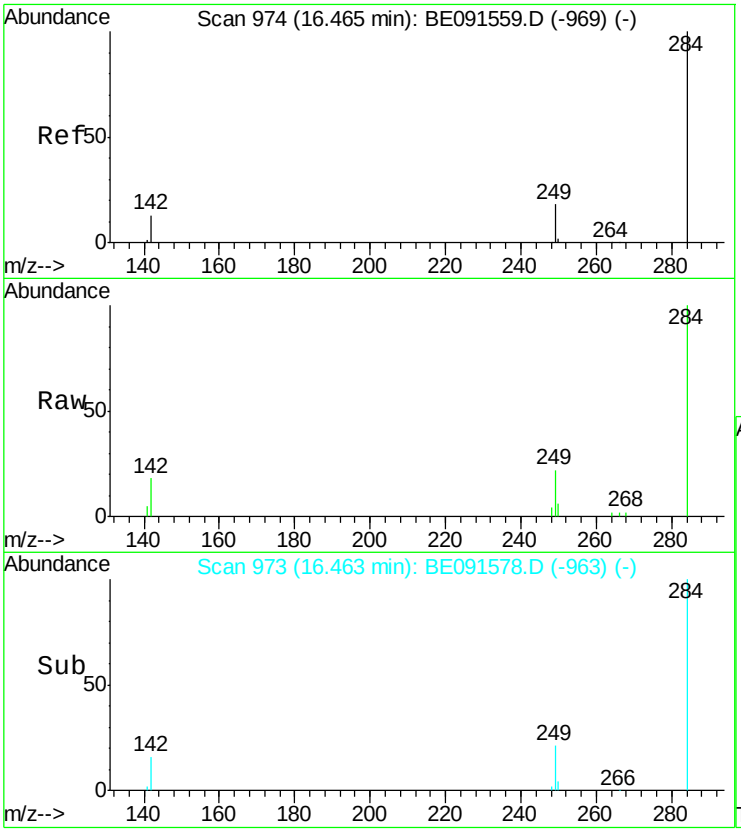


#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:188 Resp: 268854

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.4	8.2
80	5.5	5.0	7.4

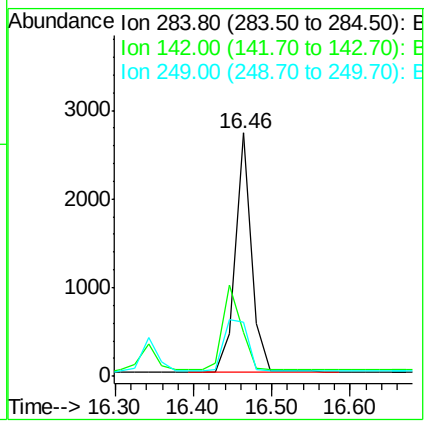




#17
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.46 min Scan# 973
Delta R.T. -0.02 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:284 Resp: 3867

Ion	Ratio	Lower	Upper
284	100		
142	39.7	31.0	46.4
249	31.8	25.8	38.8



Instrument :
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ClientSampleId :
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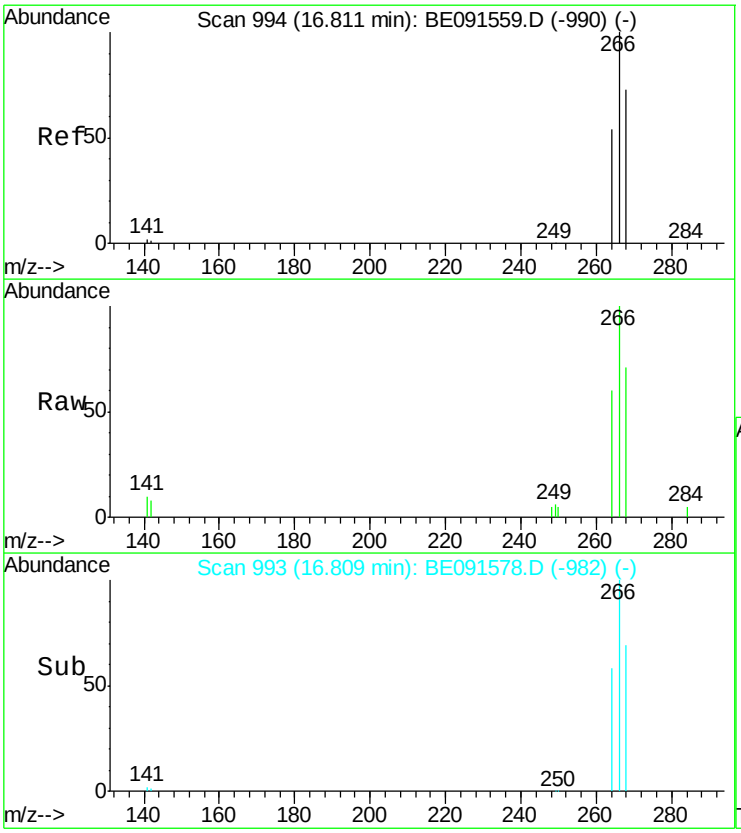
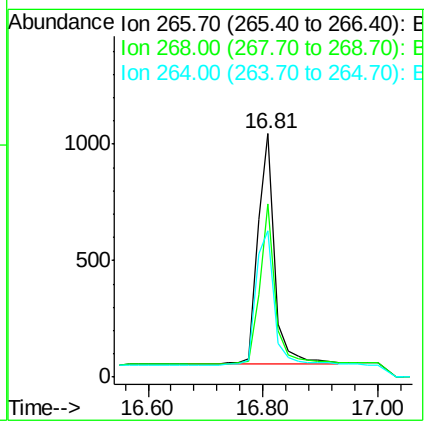
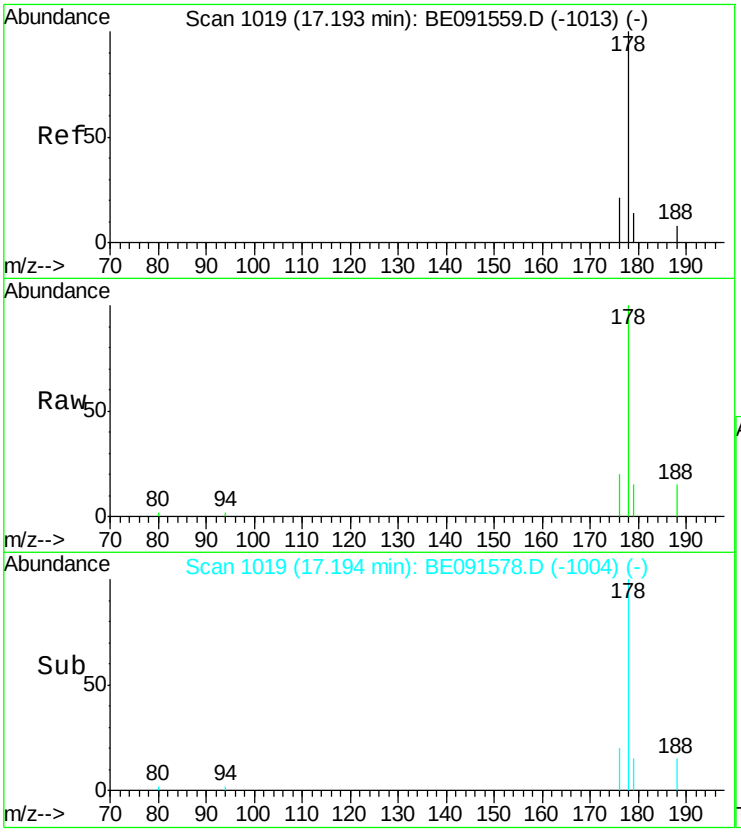


#18
Pentachlorophenol
Concen: 0.37 ng
RT: 16.81 min Scan# 993
Delta R.T. -0.02 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:266 Resp: 2068

Ion	Ratio	Lower	Upper
266	100		
268	71.0	48.2	72.2
264	59.8	52.1	78.1

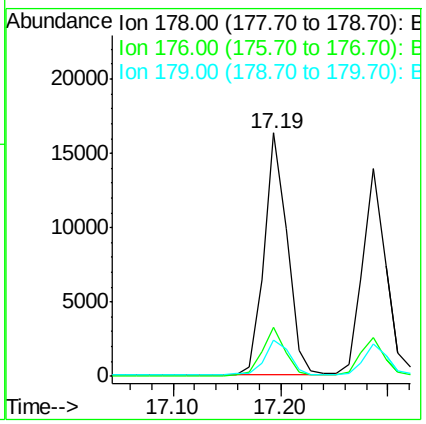




#19
Phenanthrene
Concen: 0.39 ng
RT: 17.19 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:178 Resp: 24660

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	16.1	13.1	19.7



Instrument :
BNA_E
ClientSampleId :
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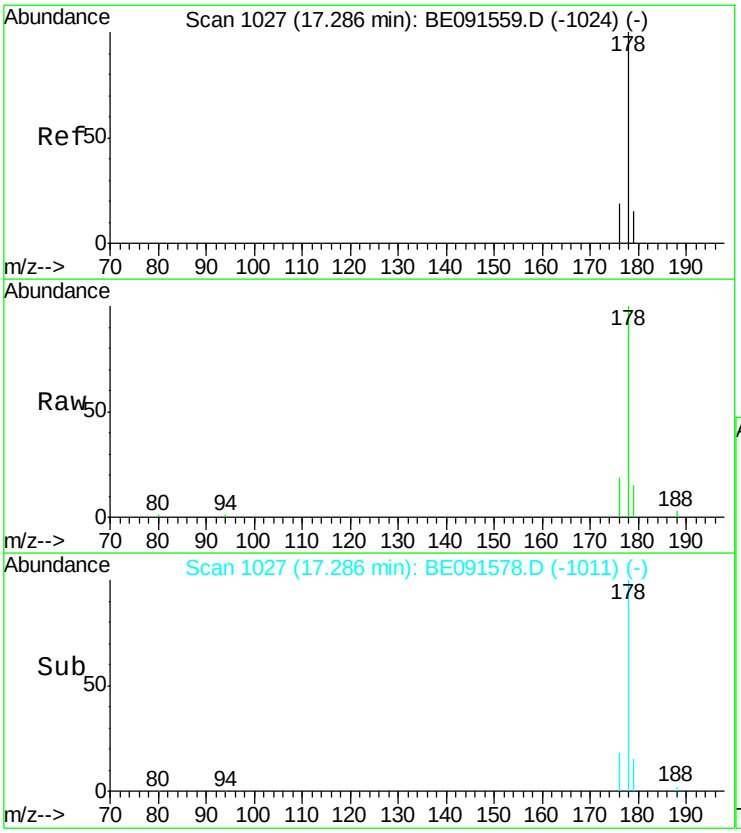
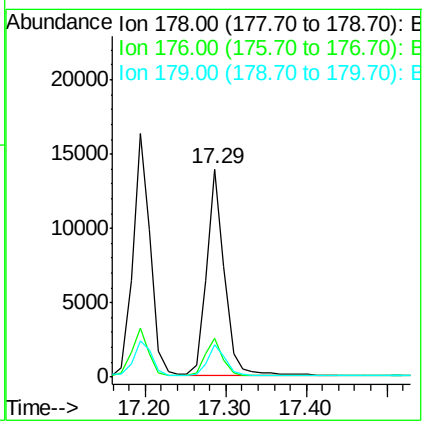
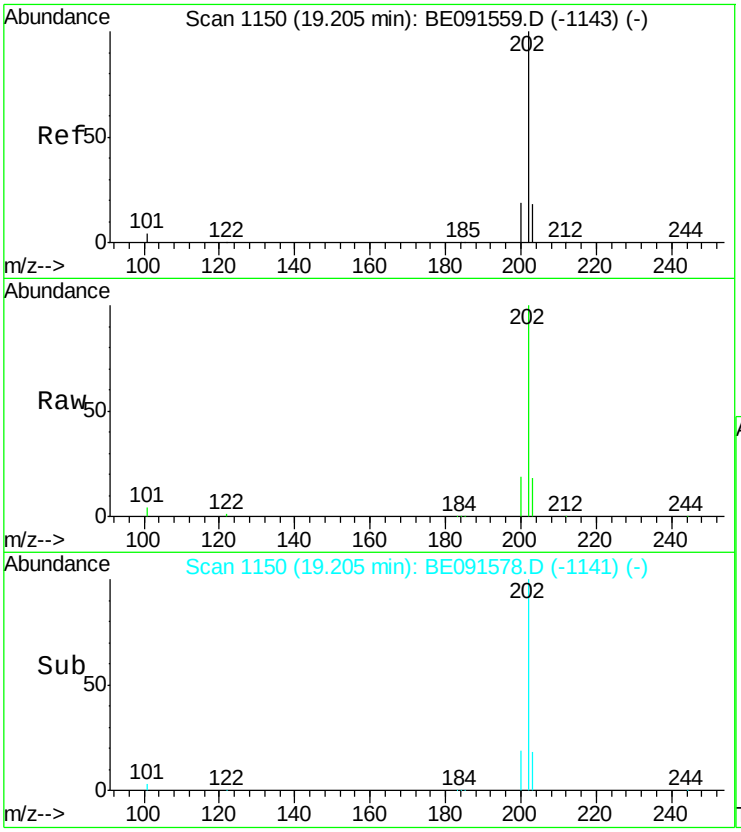


#20
Anthracene
Concen: 0.37 ng
RT: 17.29 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:178 Resp: 21636

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.3	12.2	18.4





#21
Fluoranthene
Concen: 0.39 ng
RT: 19.21 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:202 Resp: 28716

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.3	12.5
203	17.2	13.9	20.9

Instrument :
BNA_E
ClientSampleId :
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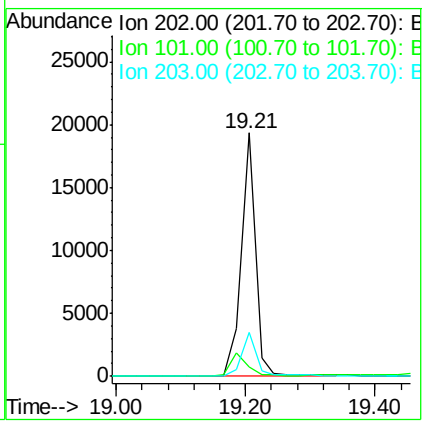
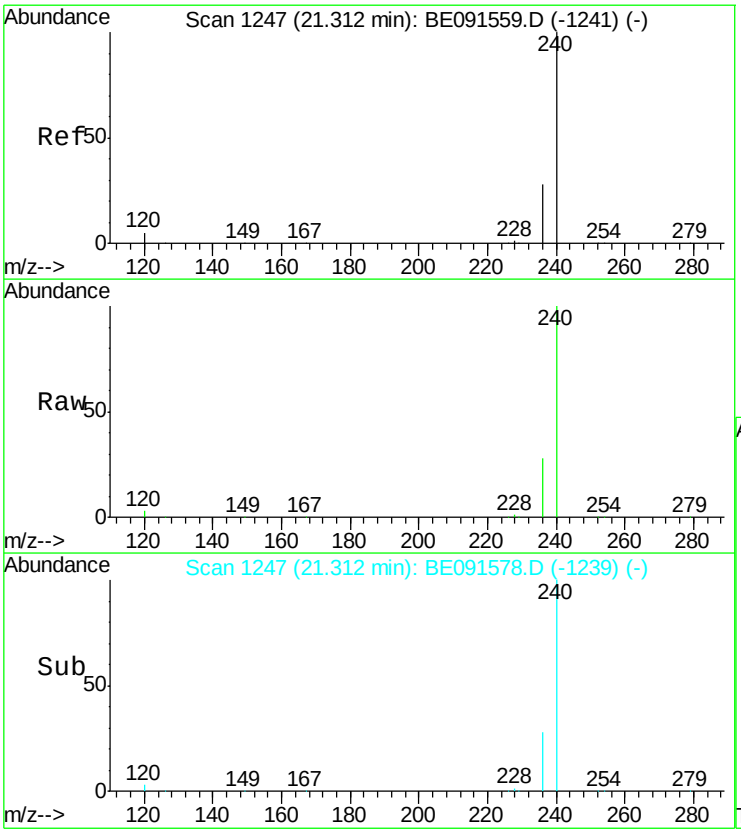
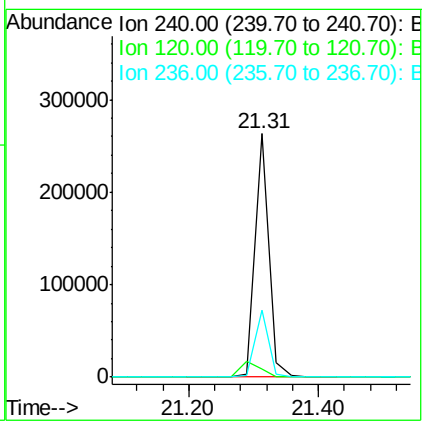


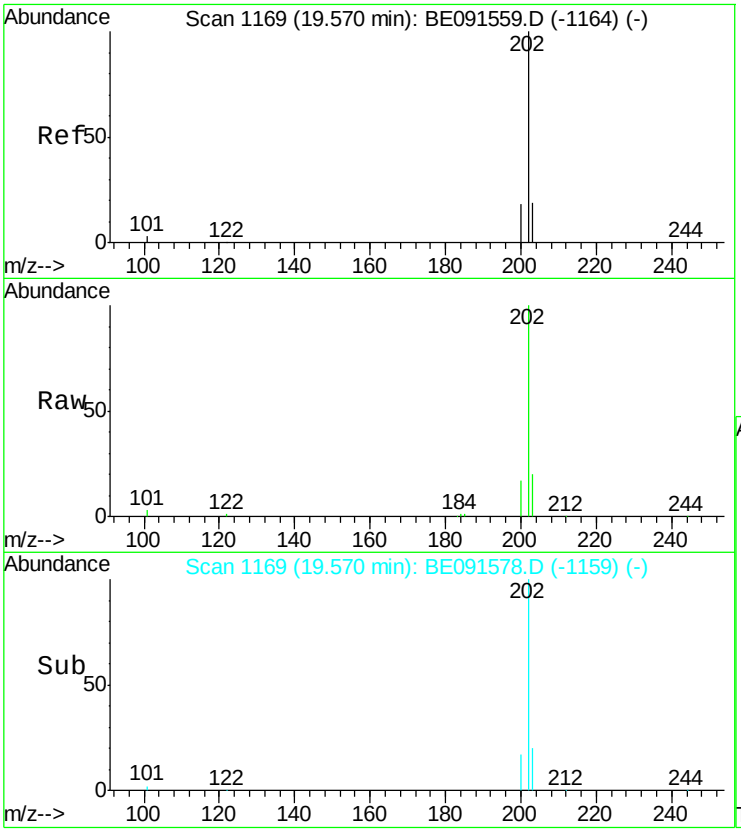


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:240 Resp: 395875

Ion	Ratio	Lower	Upper
240	100		
120	3.2	4.0	6.0#
236	27.8	23.0	34.4





#23
Pyrene
Concen: 0.37 ng
RT: 19.57 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:202 Resp: 29744

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.9	14.6	21.8

Instrument :
BNA_E
ClientSampleId :
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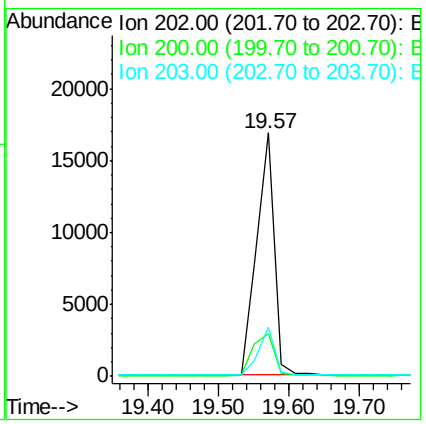
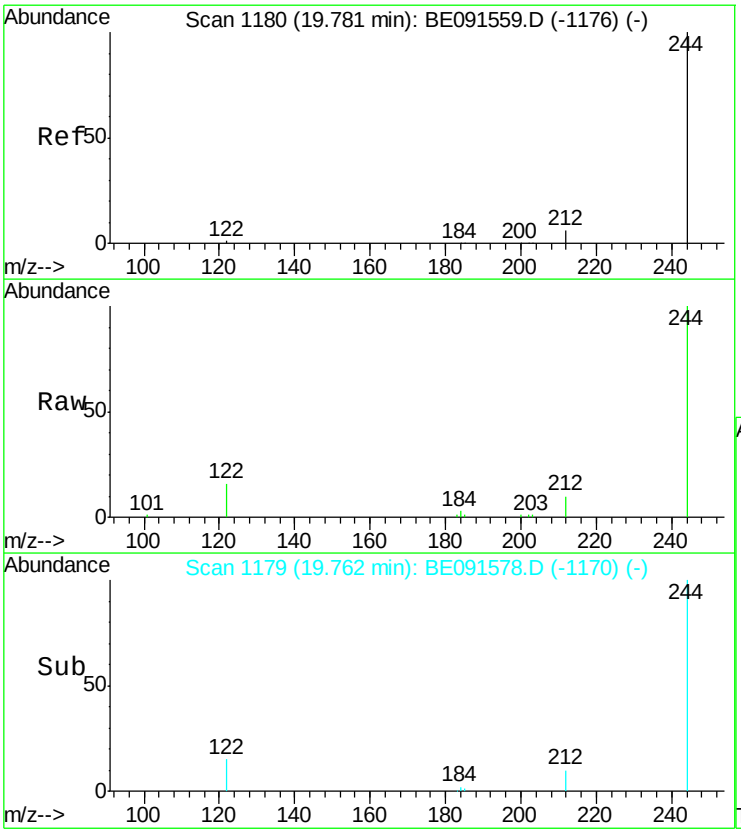
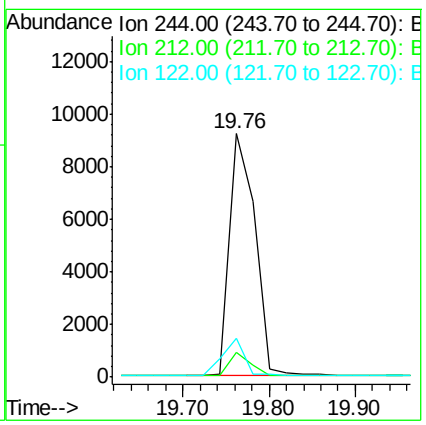


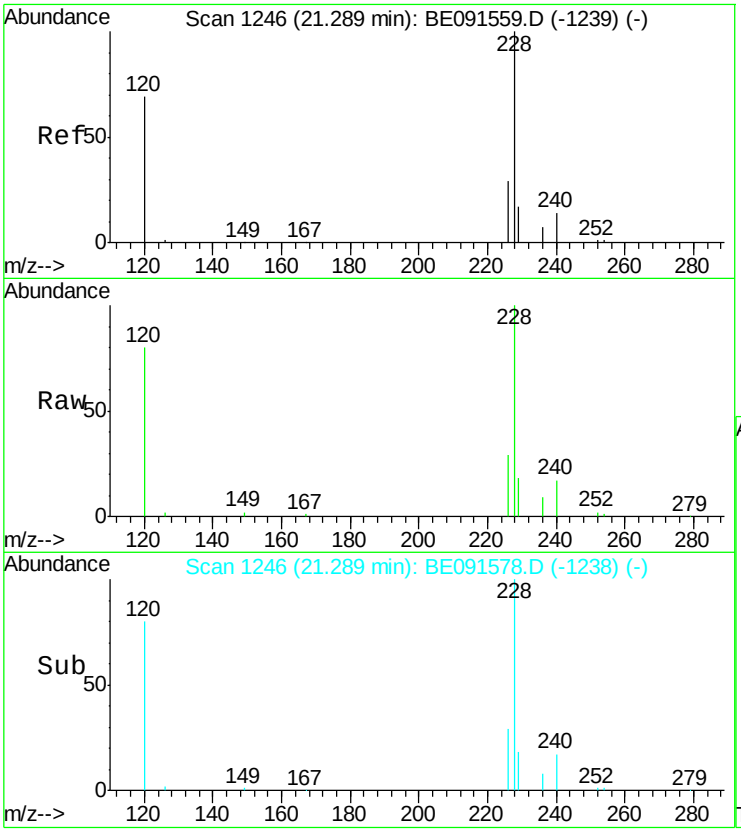


#24
Terphenyl-d14
Concen: 0.38 ng
RT: 19.76 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:244 Resp: 18838

Ion	Ratio	Lower	Upper
244	100		
212	10.1	5.8	8.8#
122	15.9	1.8	2.8#

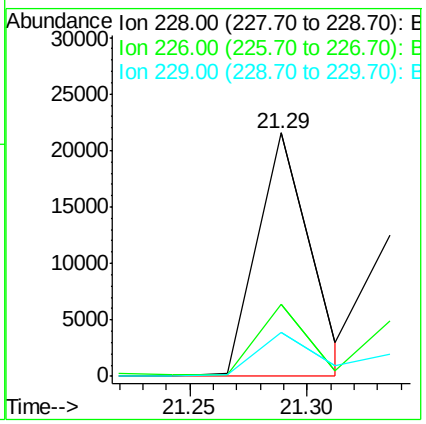




#25
Benzo(a)anthracene
Concen: 0.37 ng m
RT: 21.29 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:228 Resp: 34192

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	18.2	13.8	20.6



Instrument :
BNA_E
ClientSampleId :
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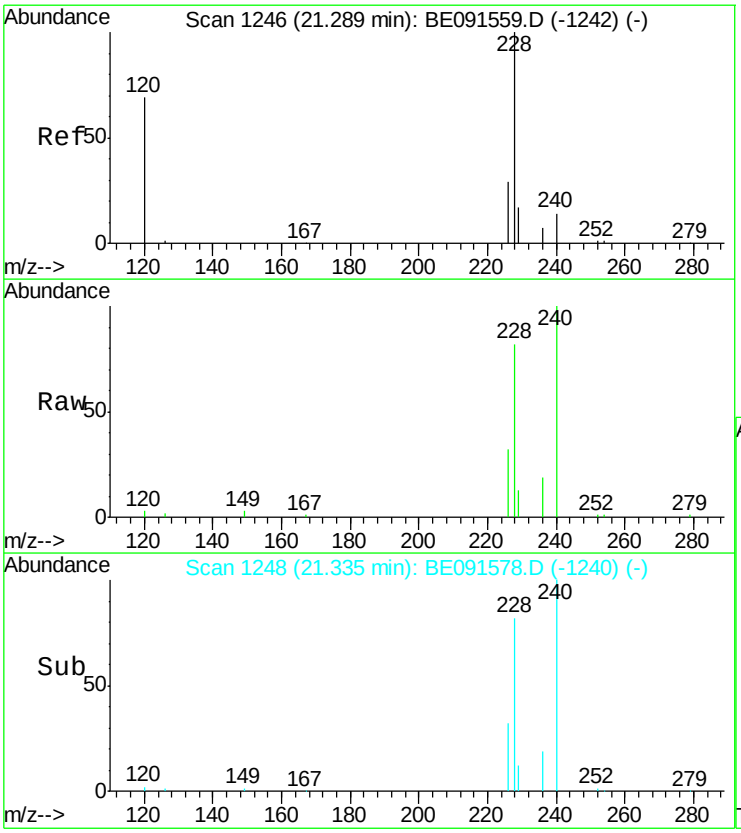
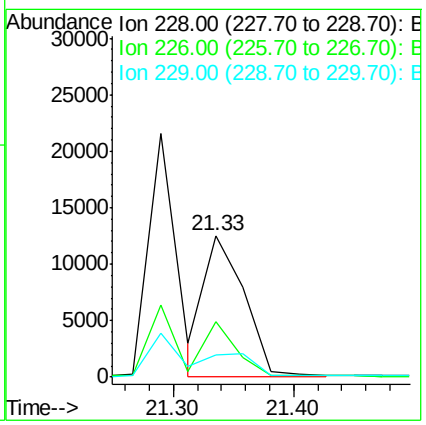
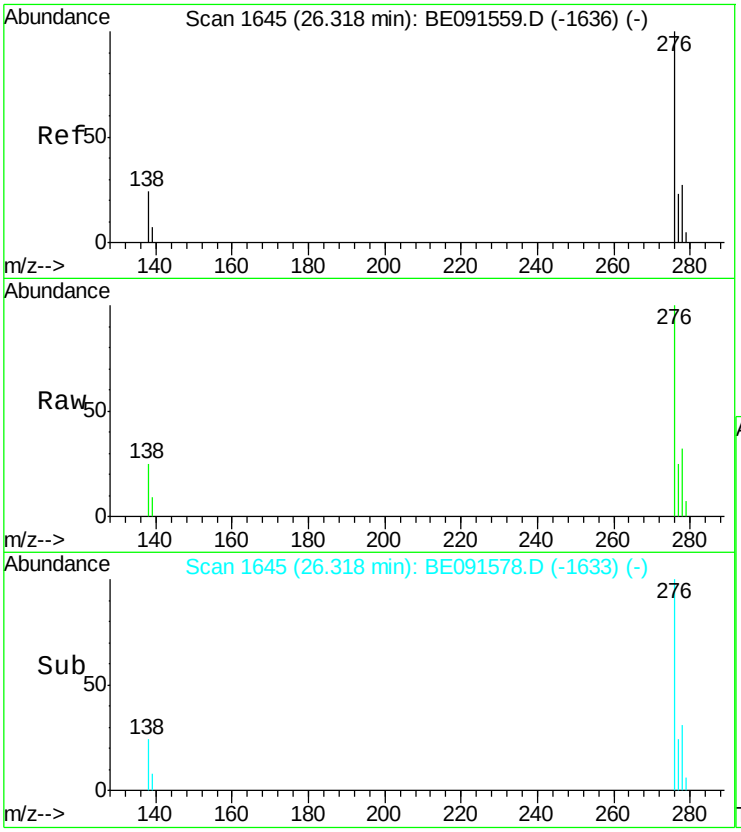


#26
Chrysene
Concen: 0.37 ng m
RT: 21.33 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:228 Resp: 29594

Ion	Ratio	Lower	Upper
228	100		
226	38.9	18.9	28.3#
229	15.3	19.1	28.7#

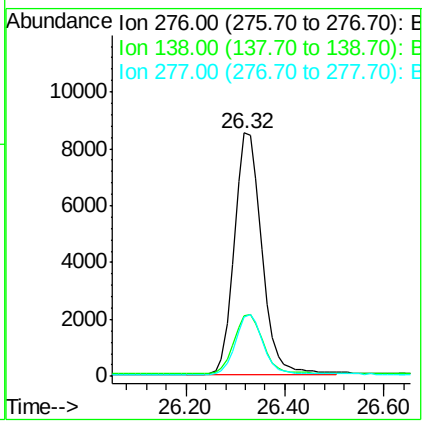




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.36 ng
RT: 26.32 min Scan# 1645
Delta R.T. -0.06 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:276 Resp: 33019

Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.2	30.4
277	24.7	19.8	29.8



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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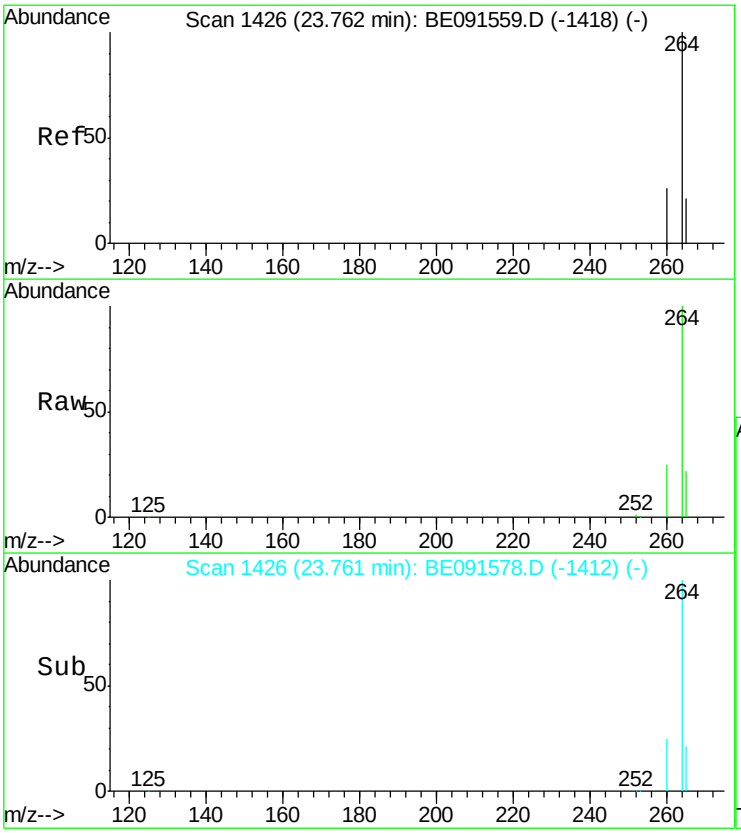
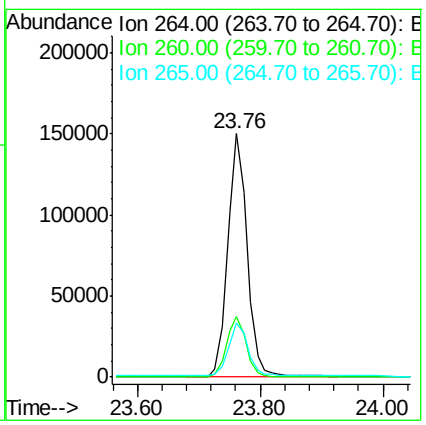
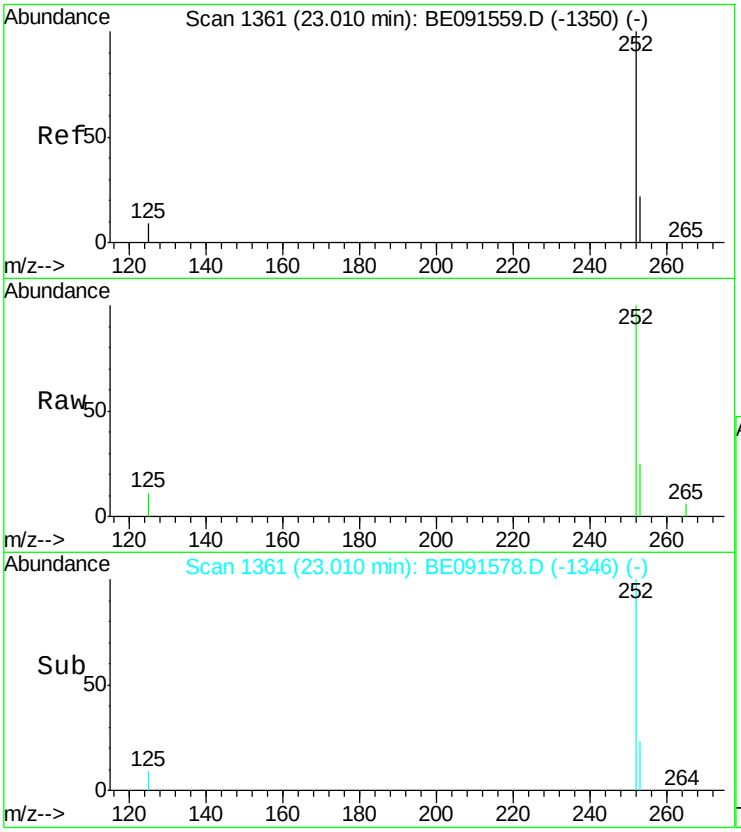


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.76 min Scan# 1426
Delta R.T. -0.03 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:264 Resp: 329379

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	22.1	18.3	27.5

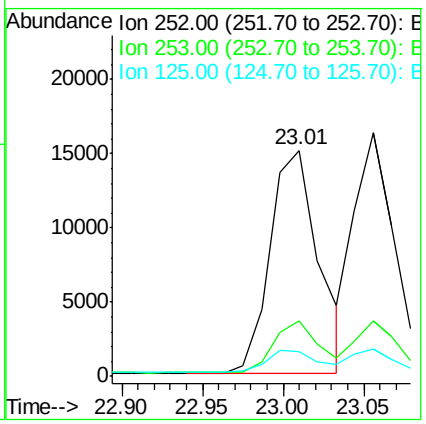




#29
Benzo(b)fluoranthene
Concen: 0.40 ng
RT: 23.01 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:252 Resp: 31789

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.7	28.1
125	11.1	9.8	14.6



Instrument :
BNA_E
ClientSampleId :
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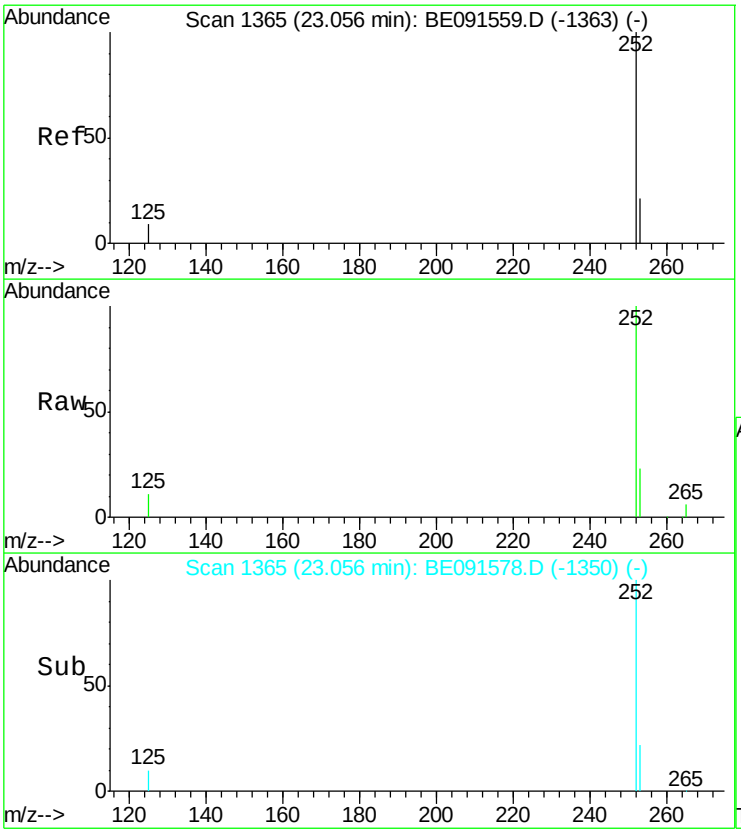
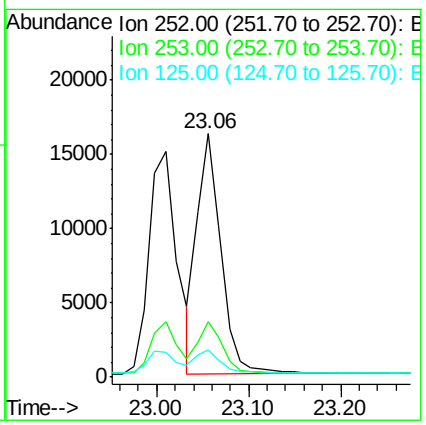
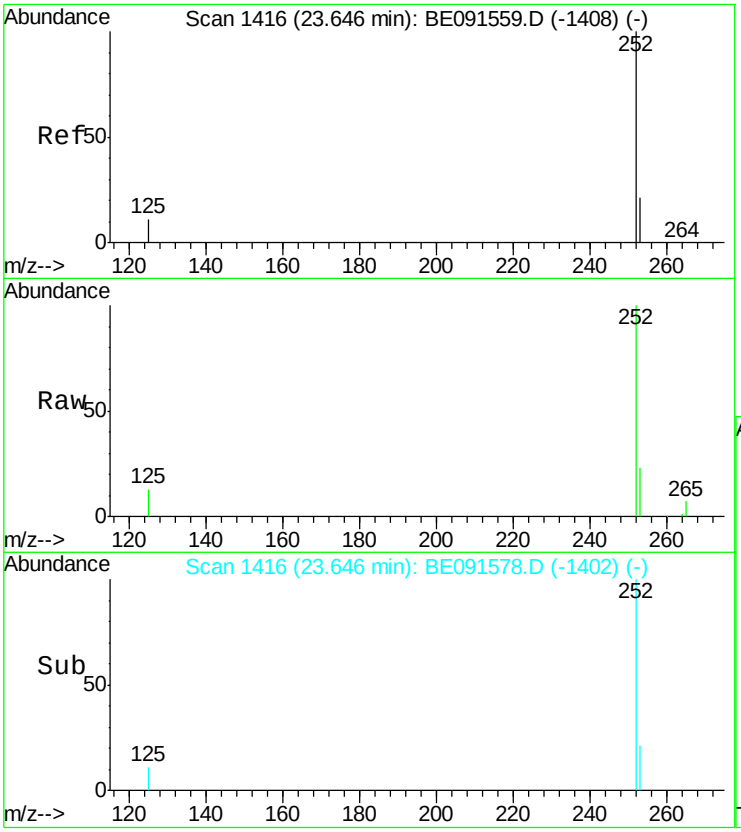


#30
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 23.06 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:252 Resp: 29232

Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.2	30.4
125	11.2	9.4	14.2

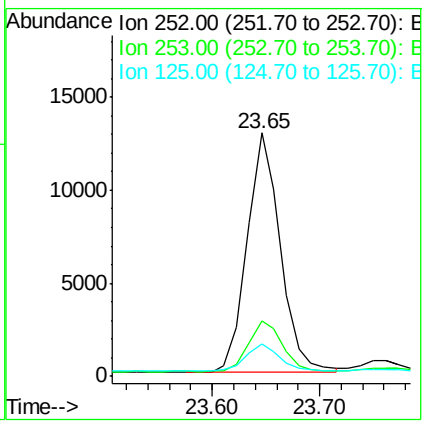




#31
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.65 min Scan# 1416
Delta R.T. -0.03 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:252 Resp: 27813

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.4	29.0
125	13.2	11.4	17.2



Instrument :
BNA_E
ClientSampleId :
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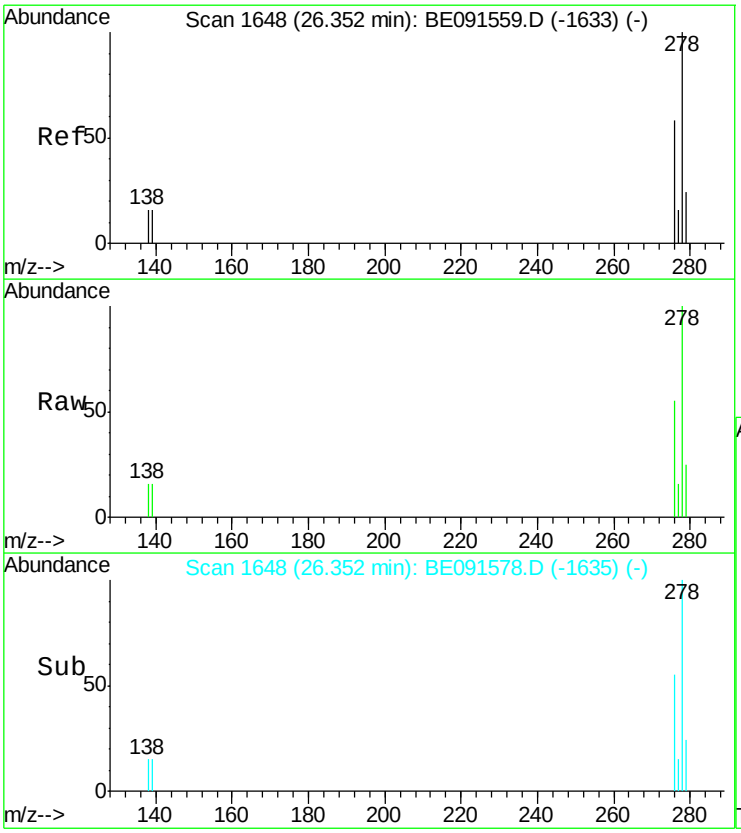
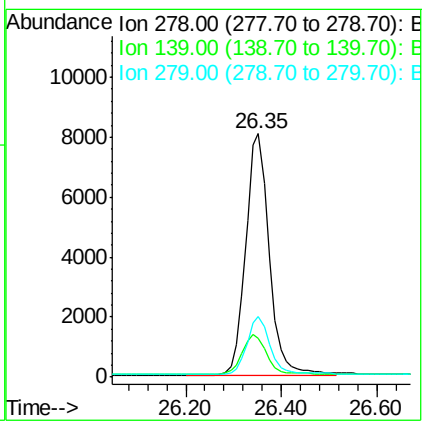
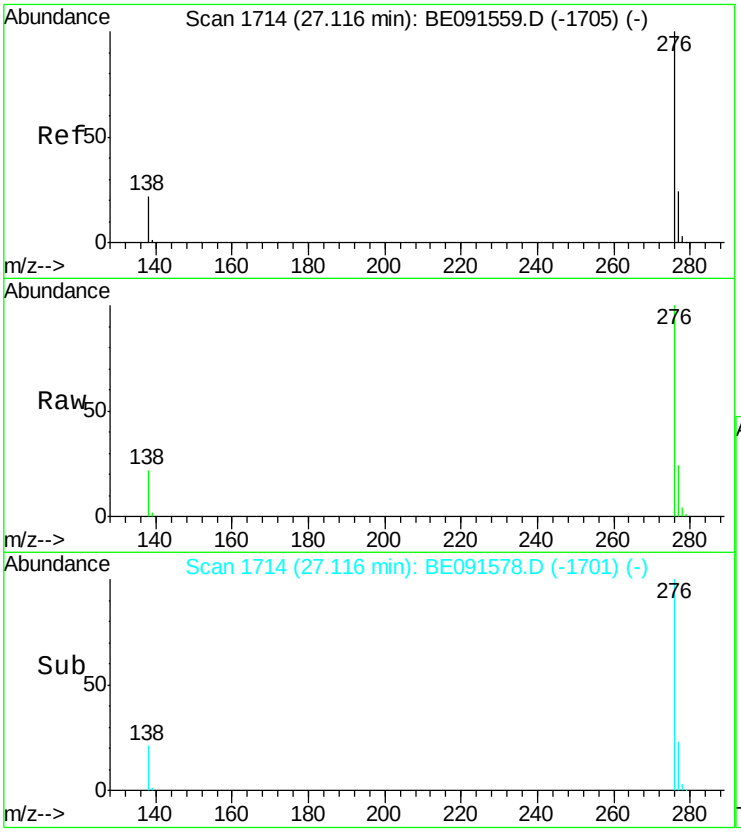


#32
Dibenzo(a,h)anthracene
Concen: 0.38 ng
RT: 26.35 min Scan# 1648
Delta R.T. -0.05 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:278 Resp: 27558

Ion	Ratio	Lower	Upper
278	100		
139	16.1	14.2	21.4
279	24.8	19.6	29.4

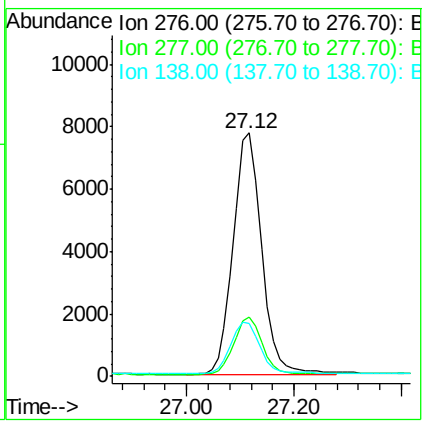




#33
Benzo(g,h,i)perylene
Concen: 0.39 ng
RT: 27.12 min Scan# 1714
Delta R.T. -0.05 min
Lab File: BE091578.D
Acq: 31 Mar 2016 10:15

Tgt Ion:276 Resp: 28356

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.2
138	21.9	18.2	27.4



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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