Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032216\
Data File : BE091505.D
Acq On : 22 Mar 2016 11:34
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Manual Integrations APPROVED
Sohil
3/23/2016 4:28:59 PM

Quant Time: Mar 23 02:10:31 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 14:14:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	43412	5.00	ng		-0.02
6) Naphthalene-d8	10.59	136	189188	5.00	ng		-0.02
10) Acenaphthene-d10	14.44	164	106845	5.00	ng		0.00
16) Phenanthrene-d10	17.17	188	275899	5.00	ng		-0.01
22) Chrysene-d12	21.34	240	321356	5.00	ng		0.00
28) Perylene-d12	23.80	264	306382	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.42	112	3696	0.37	ng		0.00
5) Phenol-d6	6.99	99	4754	0.37	ng		0.00
7) Nitrobenzene-d5	8.98	82	3271	0.52	ng		0.00
11) 2,4,6-Tribromophenol	15.92	330	1512	0.62	ng		-0.01
12) 2-Fluorobiphenyl	13.07	172	11408	0.42	ng		0.00
24) Terphenyl-d14	19.78	244	17082	0.44	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	2532	0.47	ng		95
3) n-Nitrosodimethylamine	3.68	42	2737	0.36	ng	#	92
8) Naphthalene	10.65	128	20753	0.45	ng		96
9) 2-Methylnaphthalene	12.26	142	11729	0.39	ng		95
13) Acenaphthylene	14.15	152	16772	0.44	ng		99
14) Acenaphthene	14.50	154	13826	0.42	ng		94
15) Fluorene	15.48	166	17540	0.42	ng		100
17) Hexachlorobenzene	16.48	284	5078	0.42	ng		97
18) Pentachlorophenol	16.83	266	1647	0.45	ng	#	88
19) Phenanthrene	17.21	178	34087	0.43	ng		99
20) Anthracene	17.30	178	26887	0.39	ng		100
21) Fluoranthene	19.22	202	32330	0.36	ng		98
23) Pyrene	19.57	202	35164	0.44	ng		98
25) Benzo(a)anthracene	21.31	228	36643	0.41	ng	#	90
26) Chrysene	21.36	228	50279m	0.61	ng		
27) Indeno(1,2,3-cd)pyrene	26.37	276	38014	0.41	ng		99
29) Benzo(b)fluoranthene	23.03	252	38071	0.39	ng		99
30) Benzo(k)fluoranthene	23.08	252	38601	0.39	ng		96
31) Benzo(a)pyrene	23.68	252	29959	0.35	ng		99
32) Dibenzo(a,h)anthracene	26.40	278	31464	0.37	ng		100
33) Benzo(g,h,i)perylene	27.16	276	34244	0.39	ng		99

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

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Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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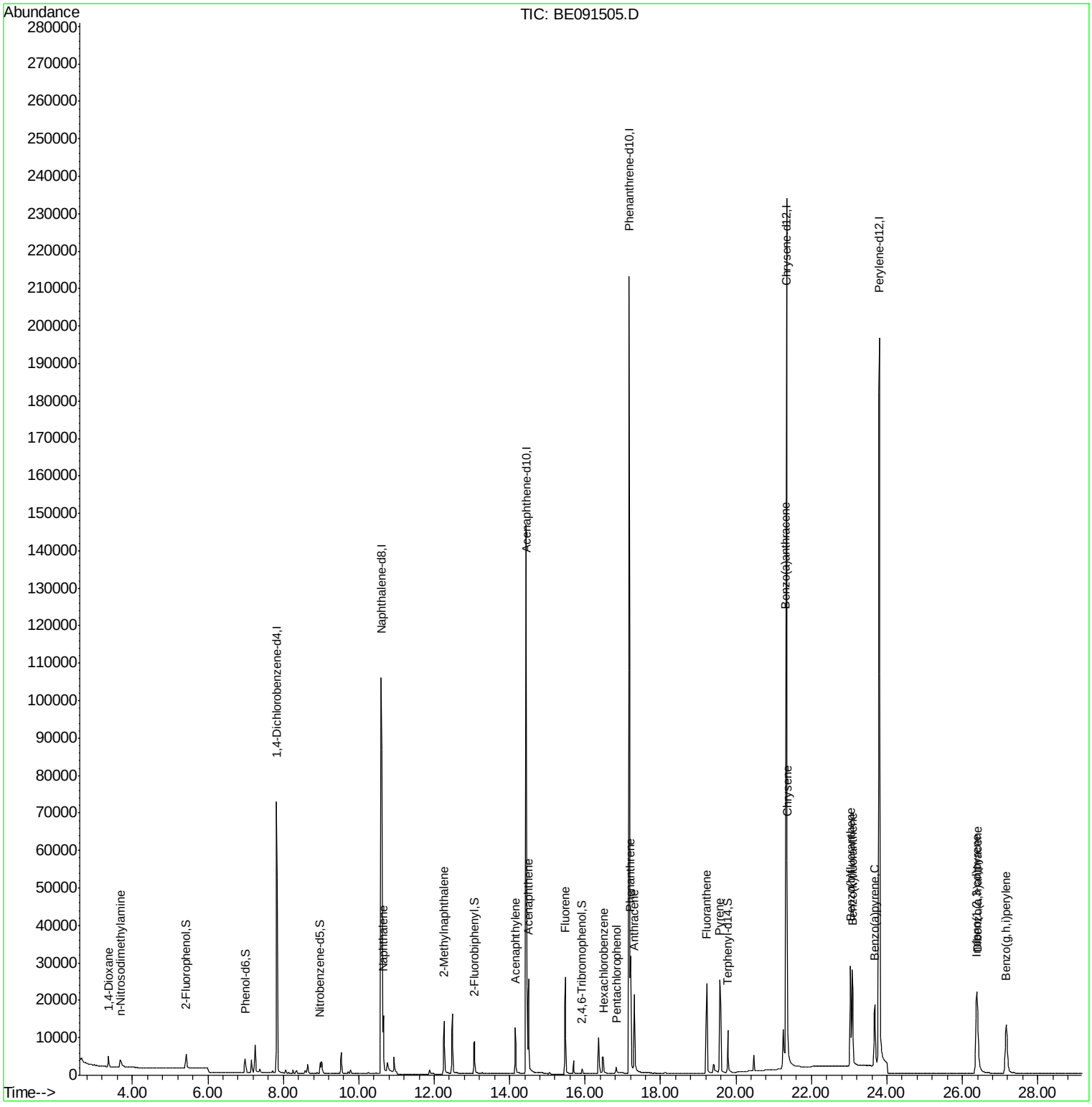
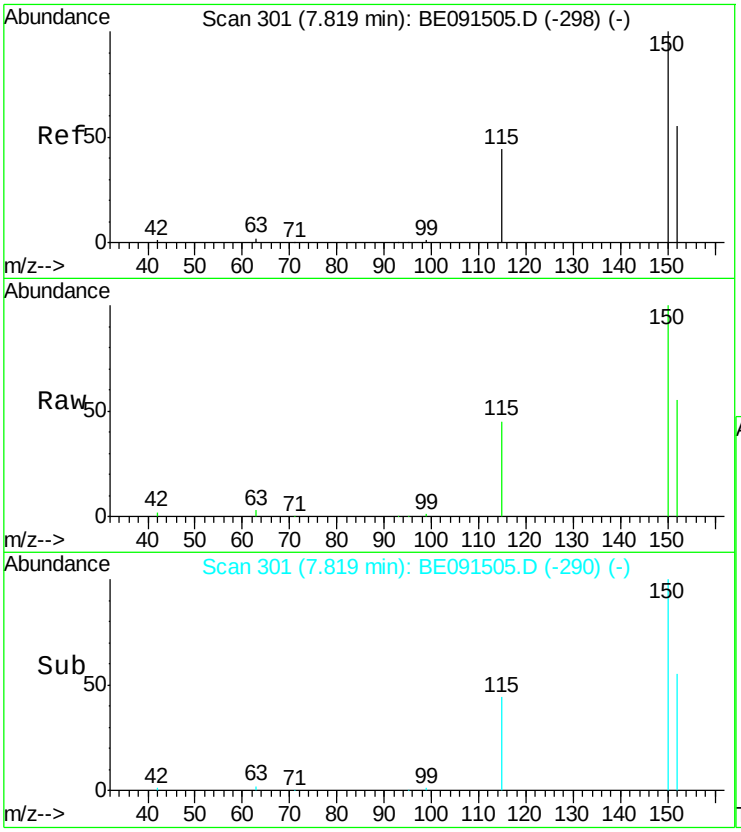
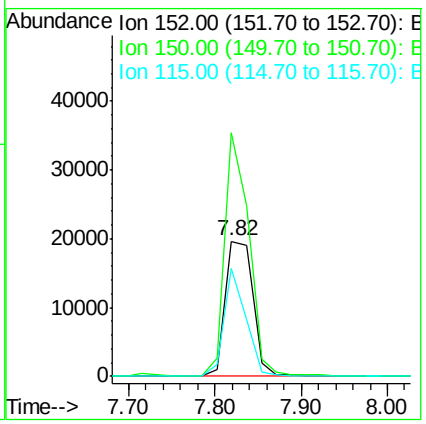




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.82 min Scan# 301
Delta R.T. -0.02 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:152 Resp: 43412

Ion	Ratio	Lower	Upper
152	100		
150	180.6	122.2	183.2
115	80.6	45.9	68.9#



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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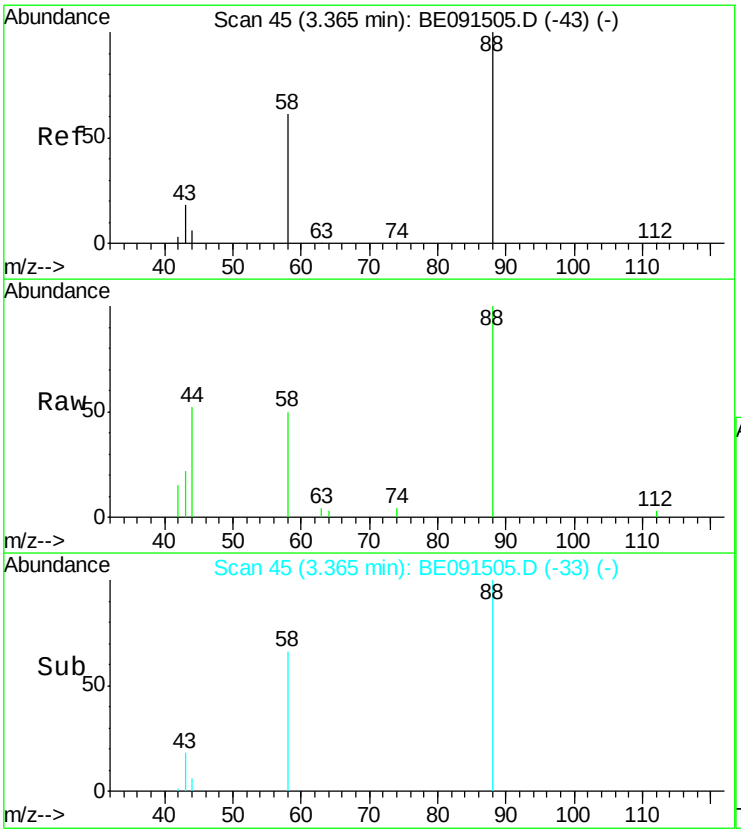
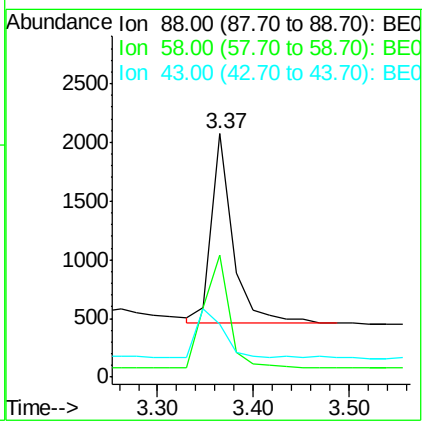
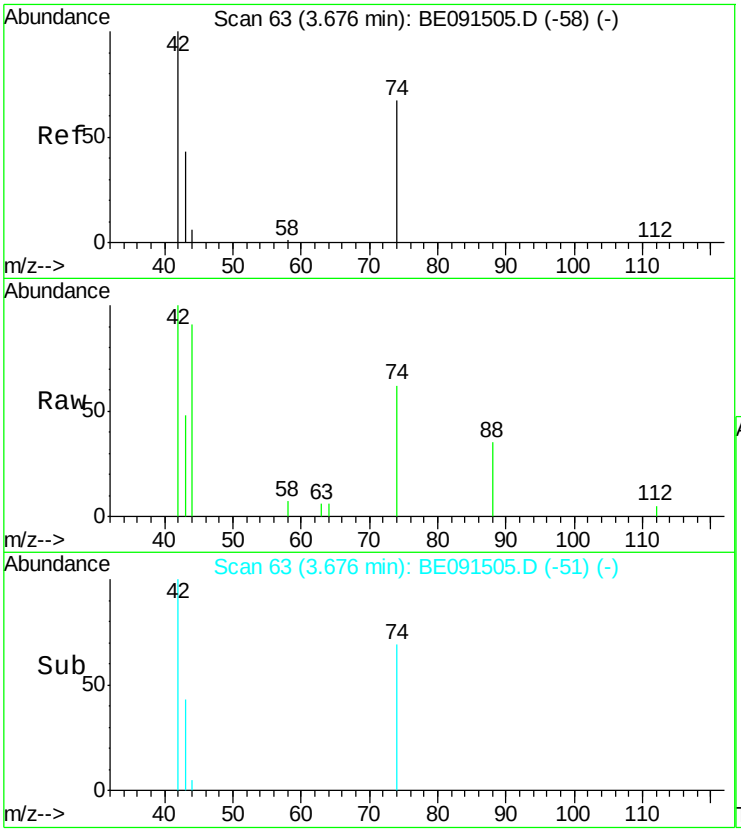


#2
1,4-Dioxane
Concen: 0.47 ng
RT: 3.37 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion: 88 Resp: 2532

Ion	Ratio	Lower	Upper
88	100		
58	70.5	61.0	91.6
43	30.5	25.4	38.2

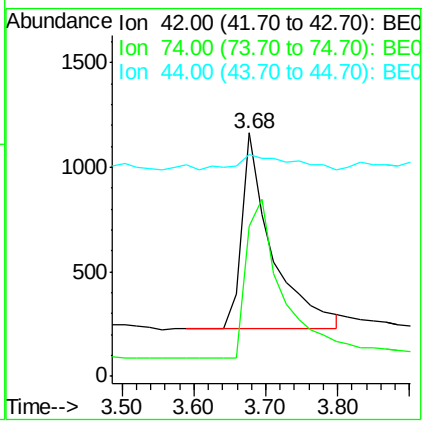




#3
n-Nitrosodimethylamine
Concen: 0.36 ng
RT: 3.68 min Scan# 63
Delta R.T. -0.00 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion: 42 Resp: 2737

Ion	Ratio	Lower	Upper
42	100		
74	97.7	84.3	126.5
44	13.3	6.7	10.1#



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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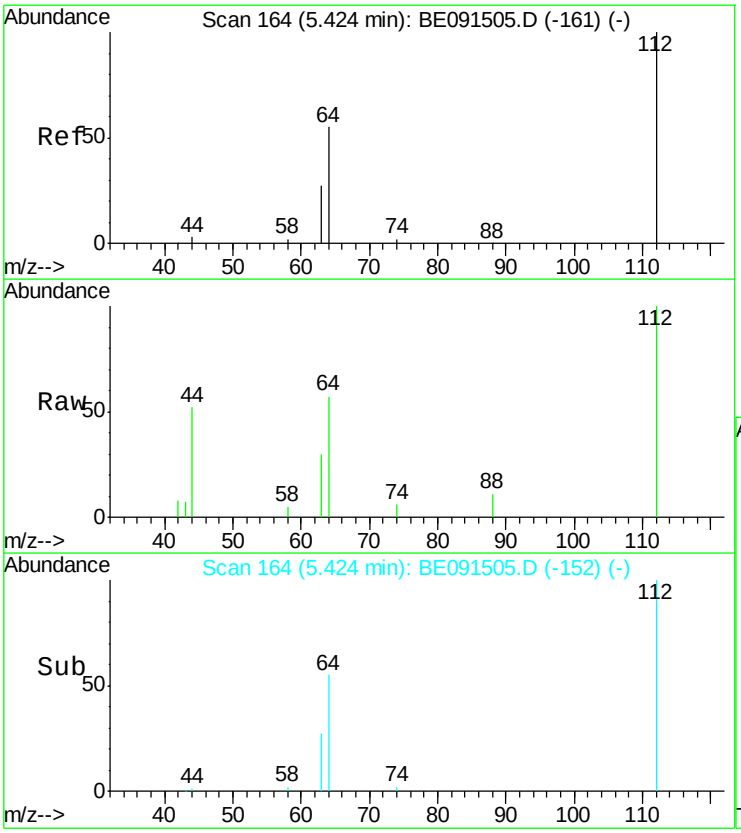
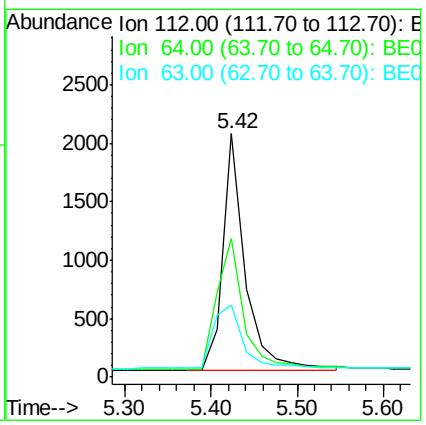
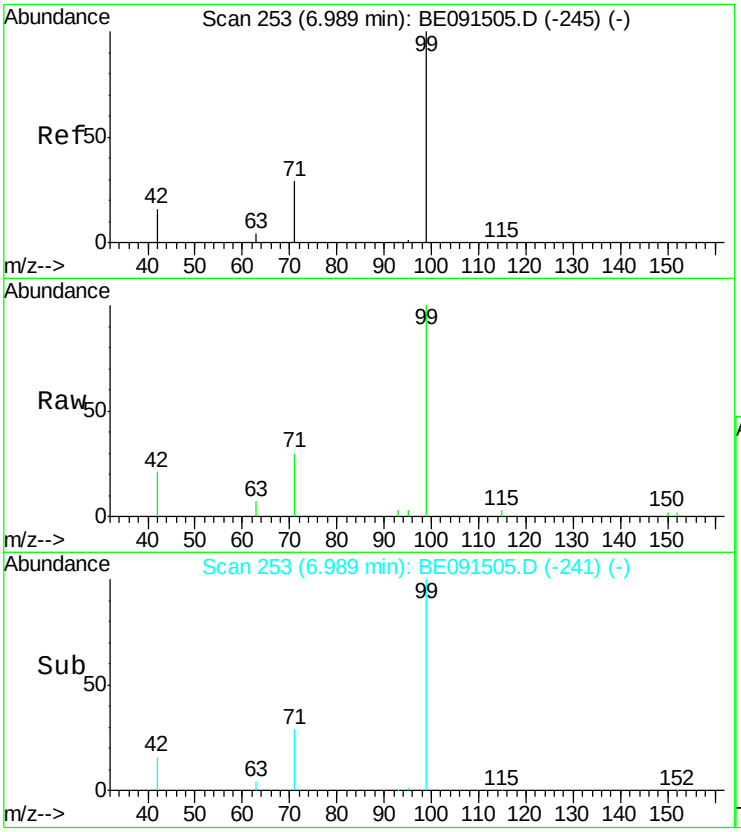


#4
2-Fluorophenol
Concen: 0.37 ng
RT: 5.42 min Scan# 164
Delta R.T. -0.00 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:112 Resp: 3696

Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.3	79.9
63	36.6	29.8	44.8

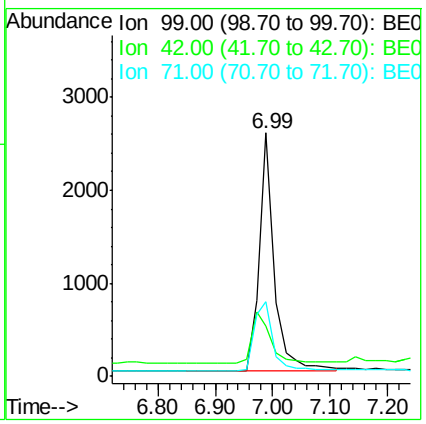




#5
Phenol-d6
Concen: 0.37 ng
RT: 6.99 min Scan# 253
Delta R.T. -0.00 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion: 99 Resp: 4754

Ion	Ratio	Lower	Upper
99	100		
42	28.2	20.6	30.8
71	36.2	29.0	43.4



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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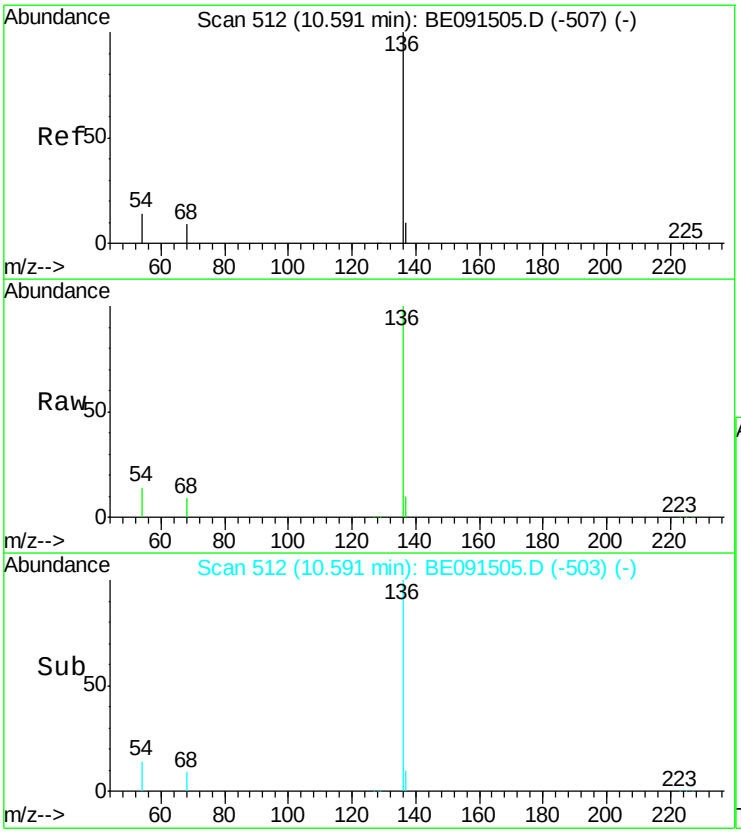
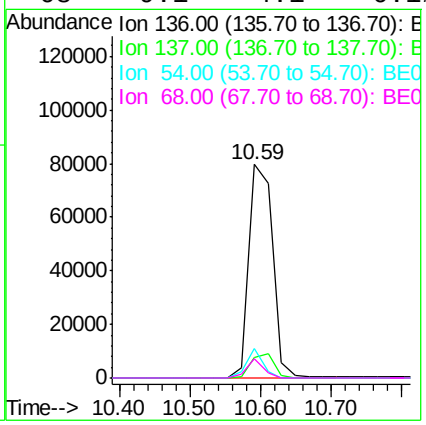
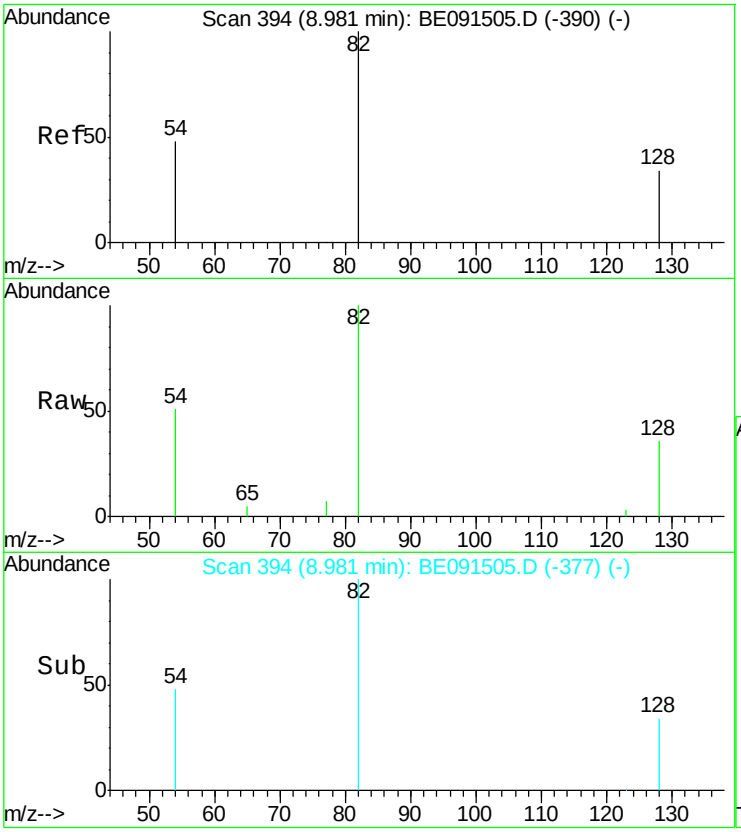


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.59 min Scan# 512
Delta R.T. -0.02 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:136 Resp: 189188

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.8	13.2
54	13.8	5.2	7.8#
68	9.1	4.1	6.1#

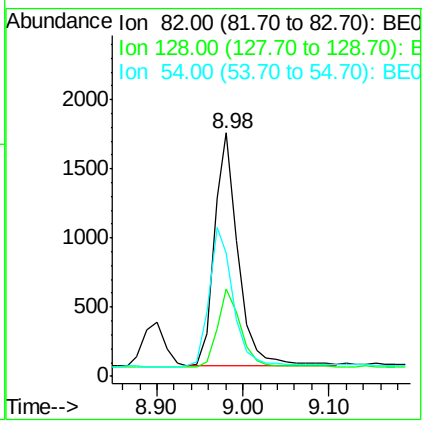




#7
Nitrobenzene-d5
Concen: 0.52 ng
RT: 8.98 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion: 82 Resp: 3271

Ion	Ratio	Lower	Upper
82	100		
128	36.1	23.5	35.3#
54	50.7	52.4	78.6#



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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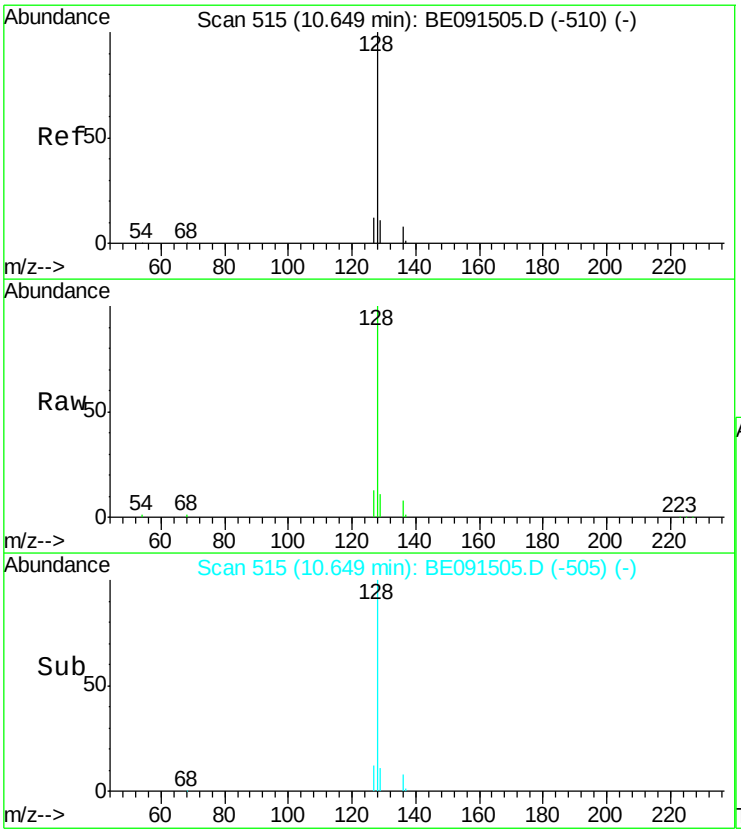
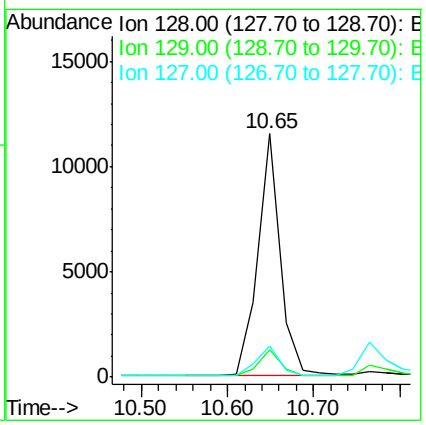
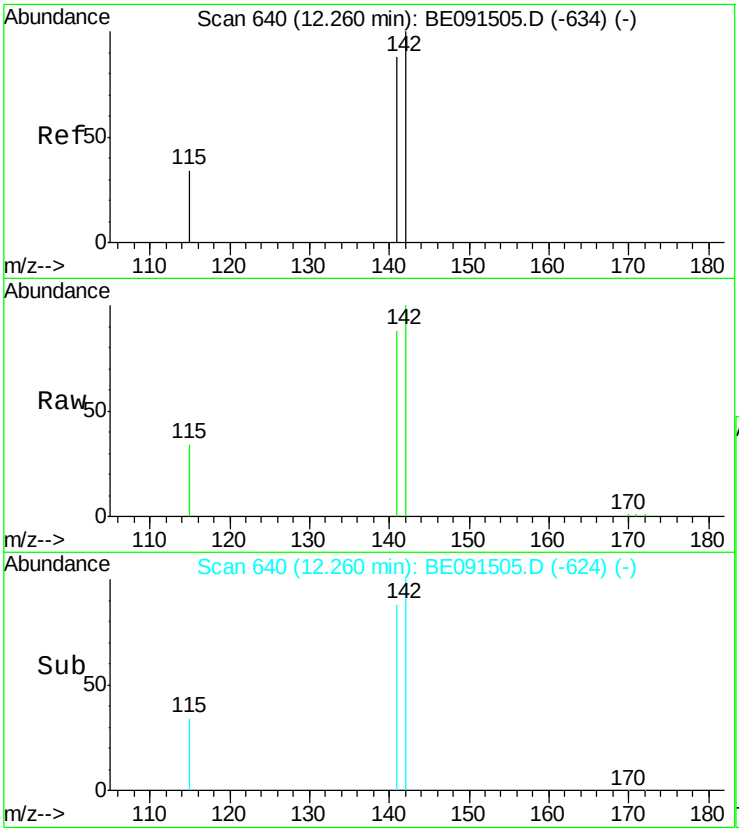


#8
Naphthalene
Concen: 0.45 ng
RT: 10.65 min Scan# 515
Delta R.T. -0.00 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:128 Resp: 20753

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.2	12.2
127	12.6	11.8	17.8

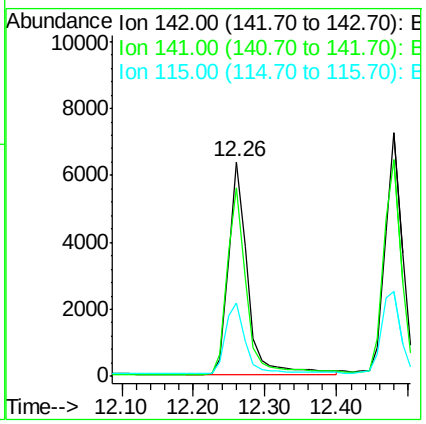




#9
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.26 min Scan# 640
Delta R.T. -0.01 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:142 Resp: 11729

Ion	Ratio	Lower	Upper
142	100		
141	87.8	66.9	100.3
115	34.4	25.1	37.7



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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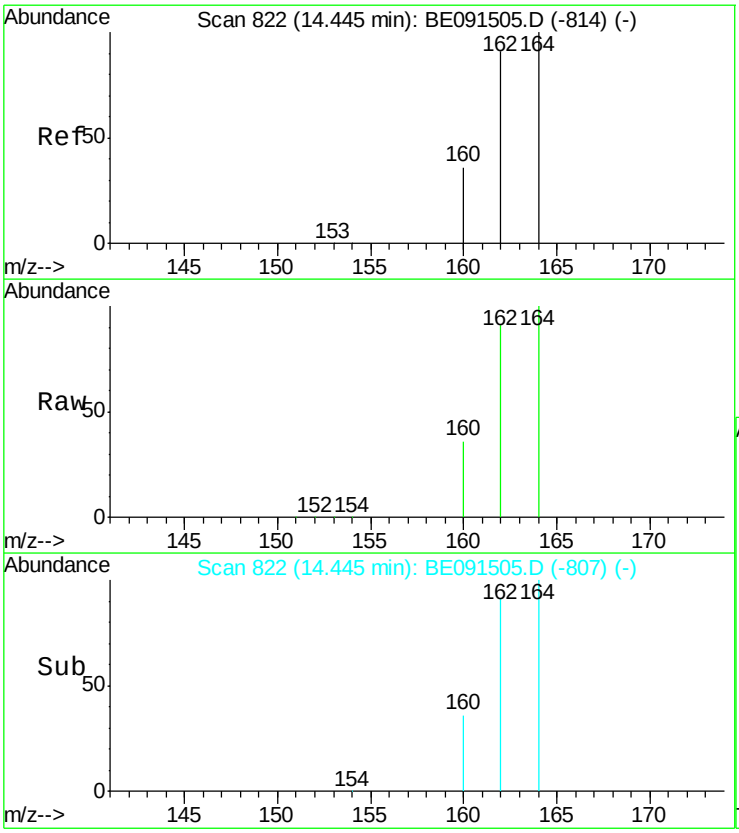
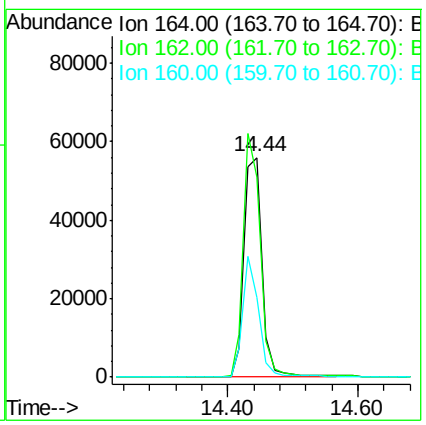
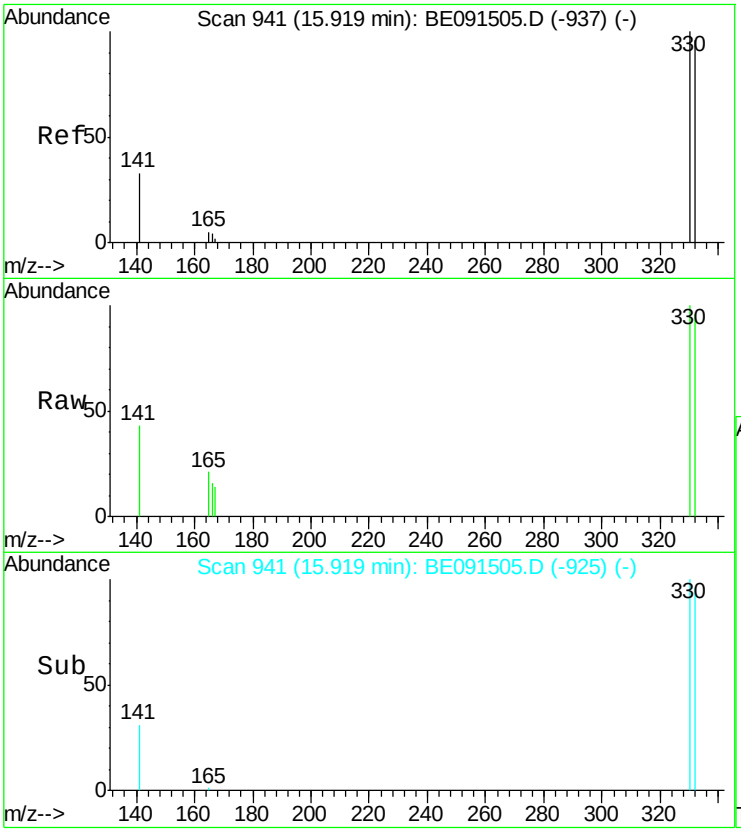


#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.44 min Scan# 822
Delta R.T. -0.00 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:164 Resp: 106845

Ion	Ratio	Lower	Upper
164	100		
162	91.1	84.4	126.6
160	36.4	37.7	56.5#

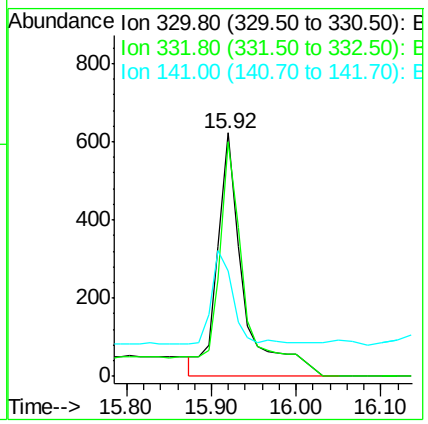




#11
2,4,6-Tribromophenol
Concen: 0.62 ng
RT: 15.92 min Scan# 941
Delta R.T. -0.01 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:330 Resp: 1512

Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.2	118.8
141	28.3	28.1	42.1



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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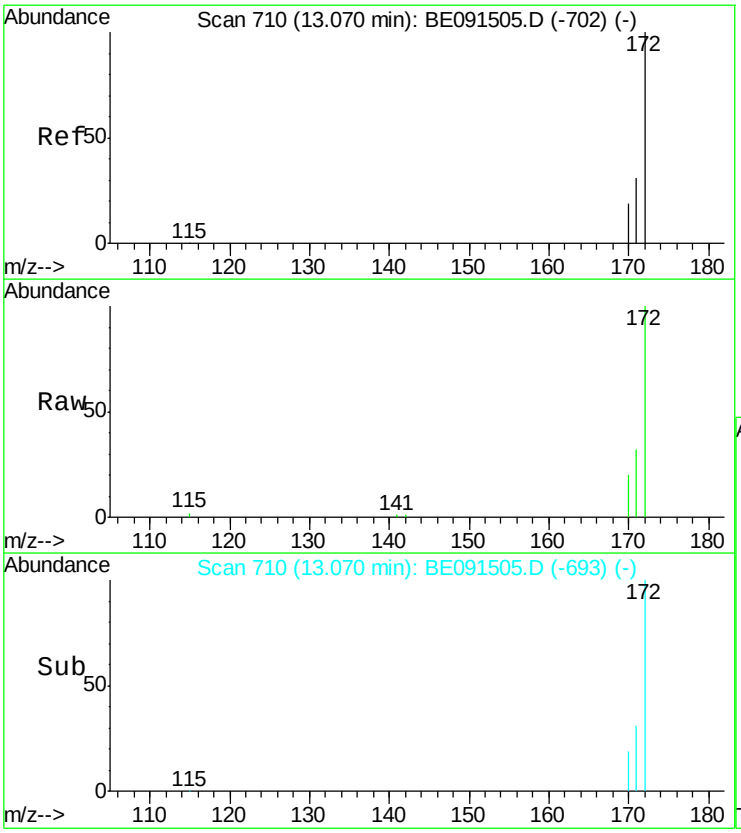
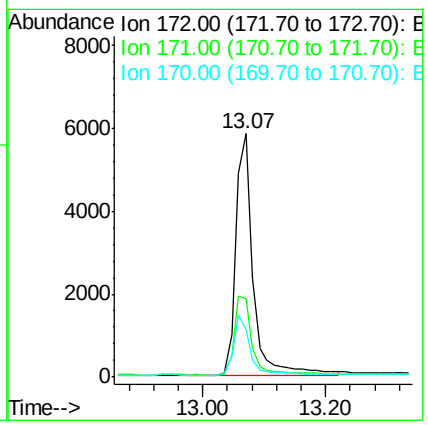
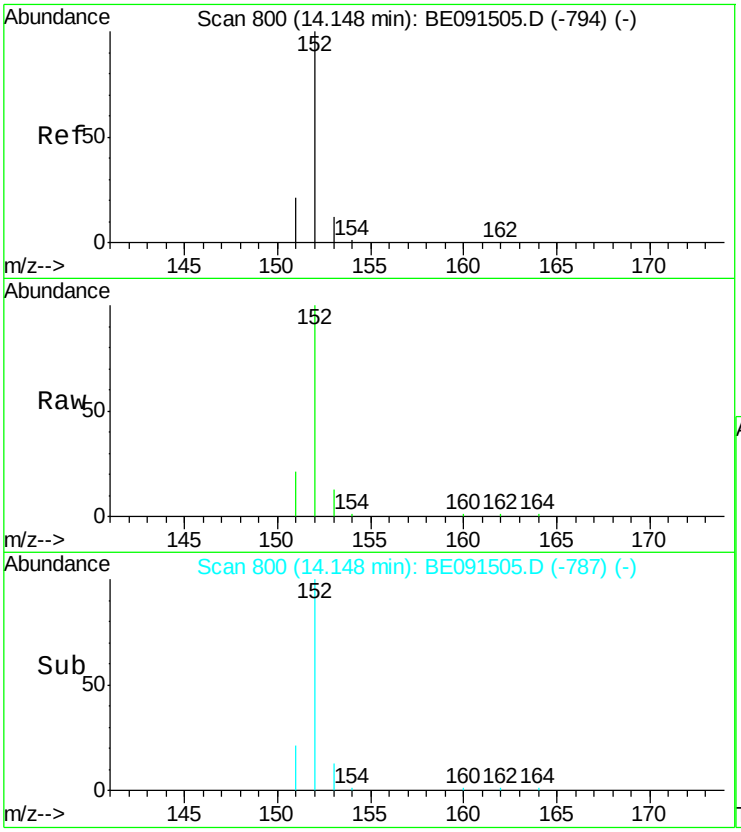


#12
2-Fluorobiphenyl
Concen: 0.42 ng
RT: 13.07 min Scan# 710
Delta R.T. -0.00 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:172 Resp: 11408

Ion	Ratio	Lower	Upper
172	100		
171	32.2	29.8	44.8
170	19.6	21.4	32.2#

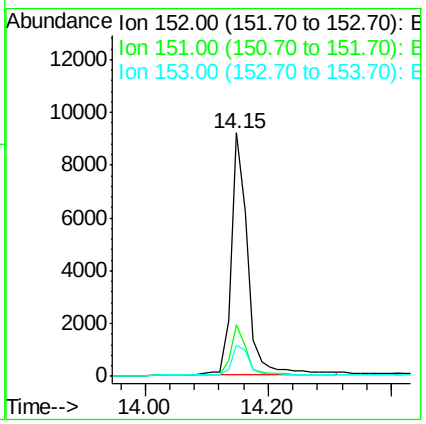




#13
Acenaphthylene
Concen: 0.44 ng
RT: 14.15 min Scan# 800
Delta R.T. -0.01 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:152 Resp: 16772

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	14.6	11.1	16.7



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Manual Integrations APPROVED
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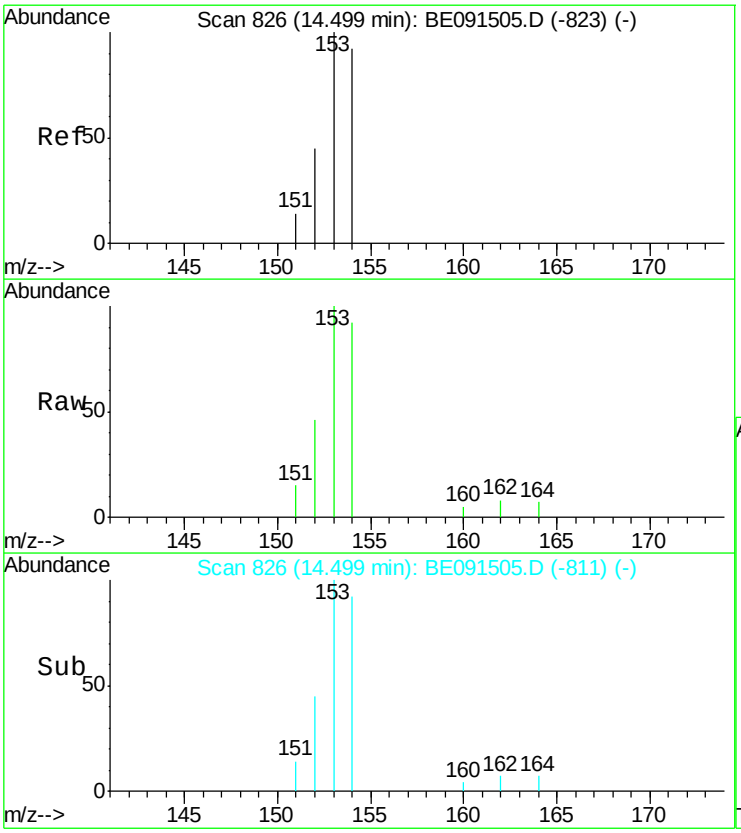
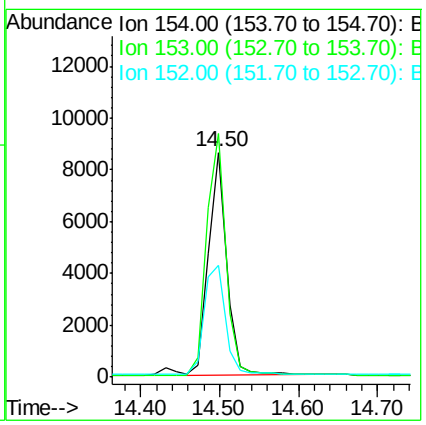
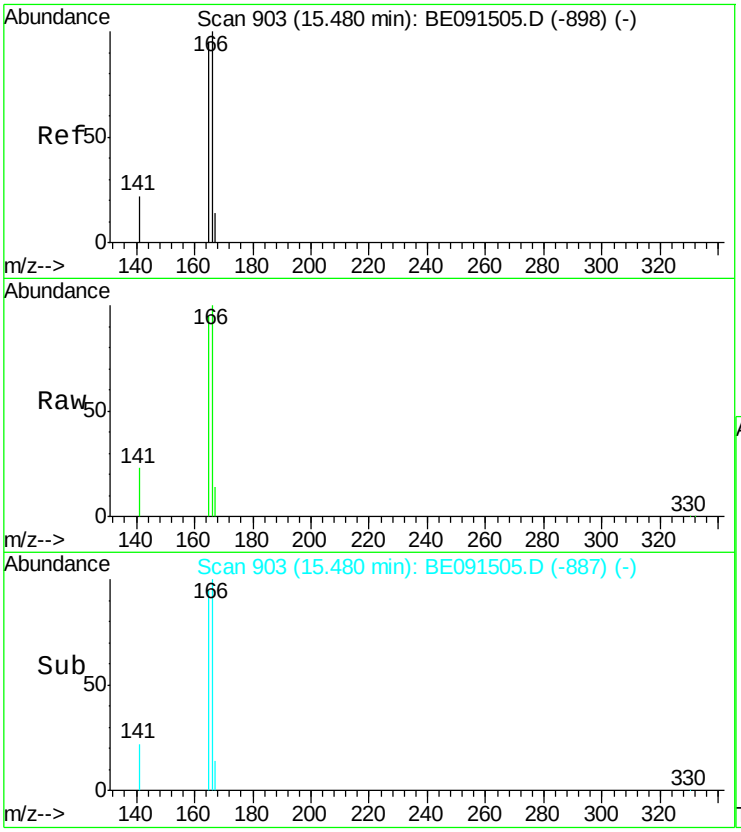


#14
Acenaphthene
Concen: 0.42 ng
RT: 14.50 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:154 Resp: 13826

Ion	Ratio	Lower	Upper
154	100		
153	115.9	87.3	130.9
152	57.7	42.9	64.3

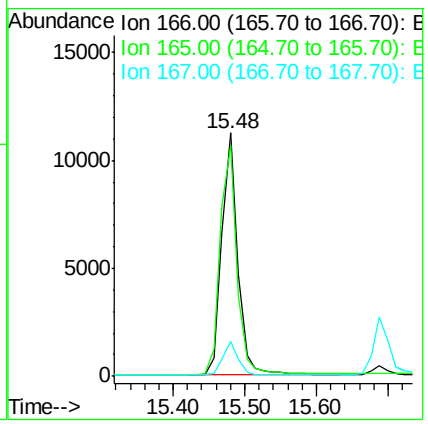




#15
Fluorene
Concen: 0.42 ng
RT: 15.48 min Scan# 903
Delta R.T. -0.01 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:166 Resp: 17540

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.2	118.8
167	13.6	10.8	16.2



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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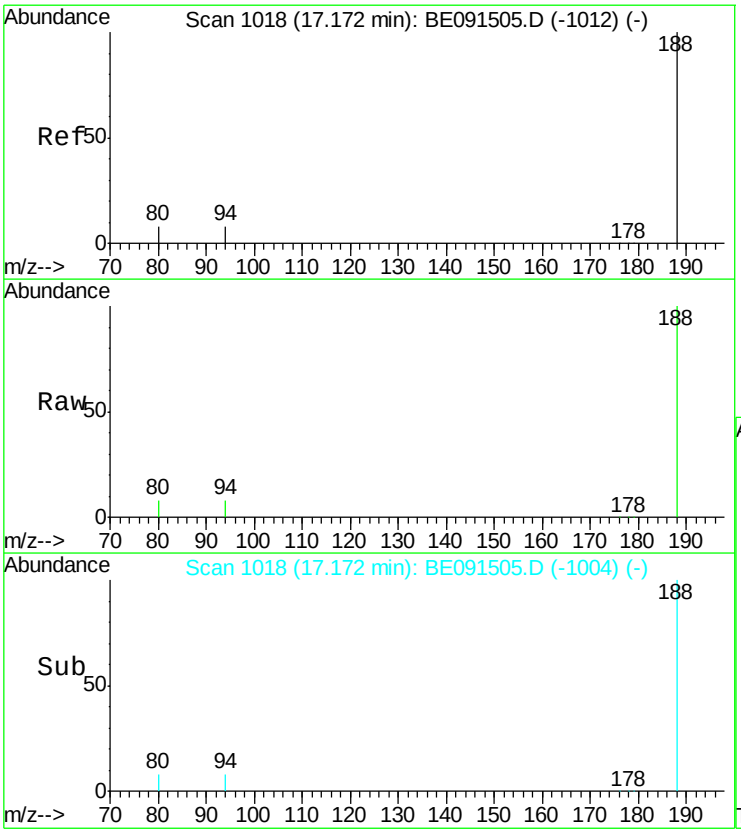
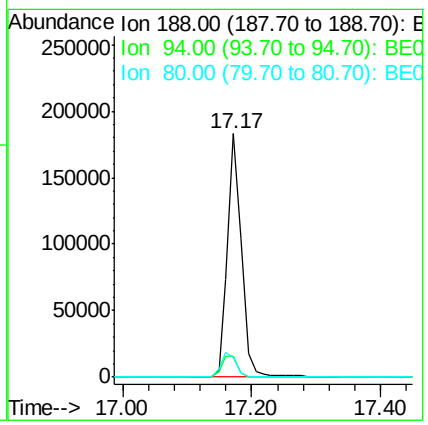
3/23/2016 4:28:59 PM

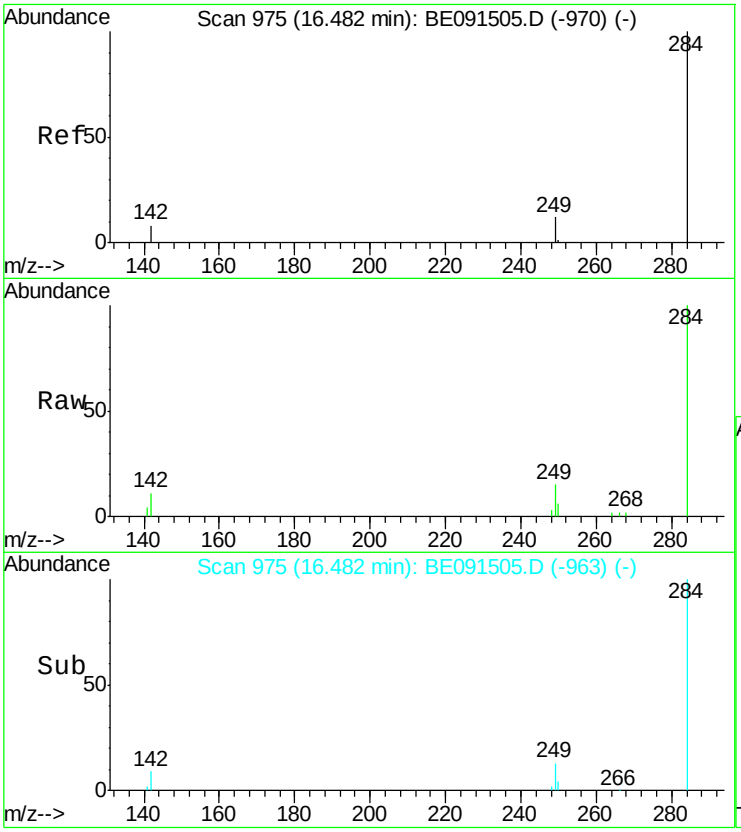


#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.17 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:188 Resp: 275899

Ion	Ratio	Lower	Upper
188	100		
94	8.3	5.4	8.2#
80	7.9	5.0	7.4#

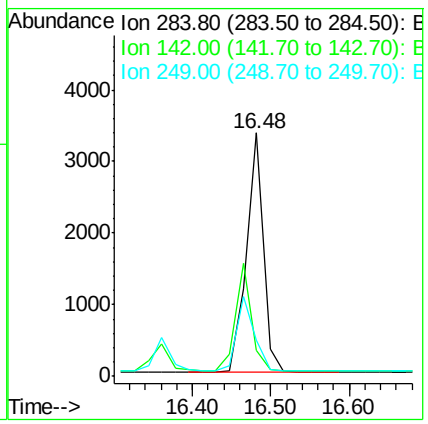




#17
Hexachlorobenzene
Concen: 0.42 ng
RT: 16.48 min Scan# 975
Delta R.T. 0.00 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:284 Resp: 5078

Ion	Ratio	Lower	Upper
284	100		
142	42.2	31.0	46.4
249	32.0	25.8	38.8



Instrument :
BNA_E
ClientSampleId :
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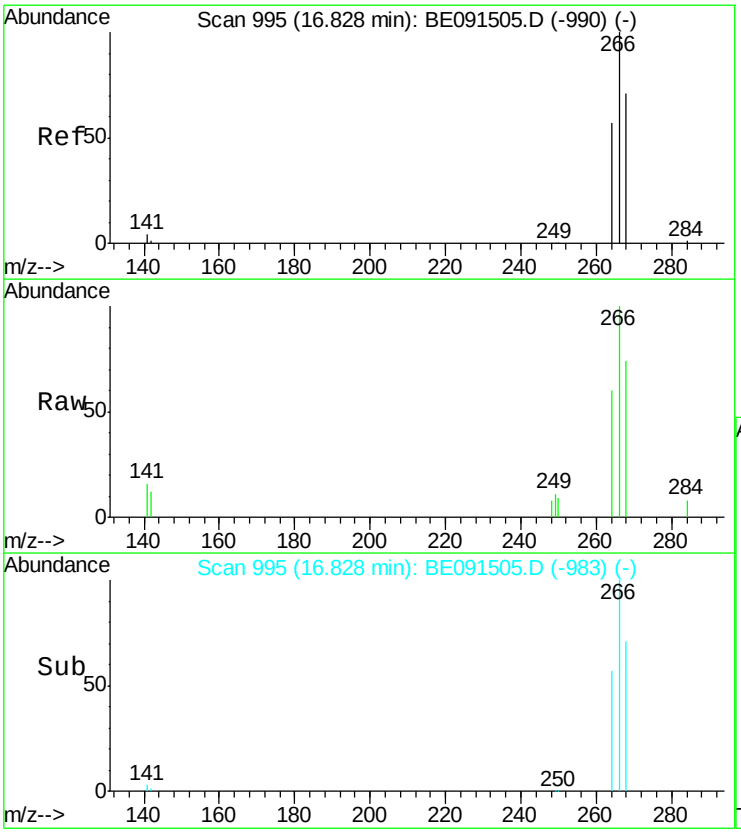
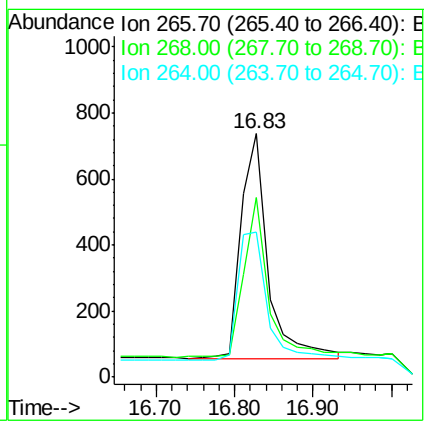
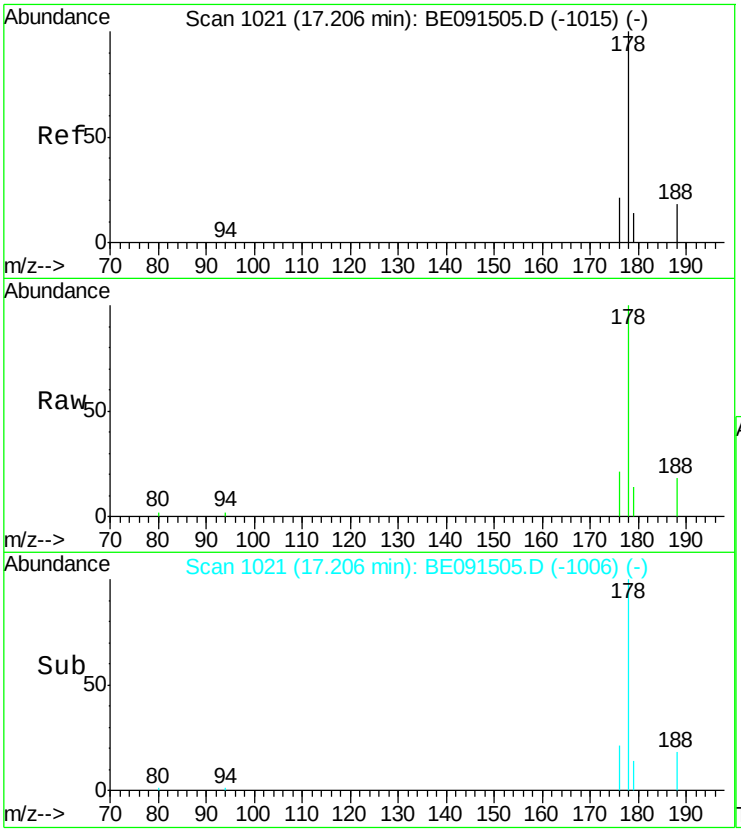


#18
Pentachlorophenol
Concen: 0.45 ng
RT: 16.83 min Scan# 995
Delta R.T. 0.00 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:266 Resp: 1647

Ion	Ratio	Lower	Upper
266	100		
268	73.8	48.2	72.2#
264	59.7	52.1	78.1

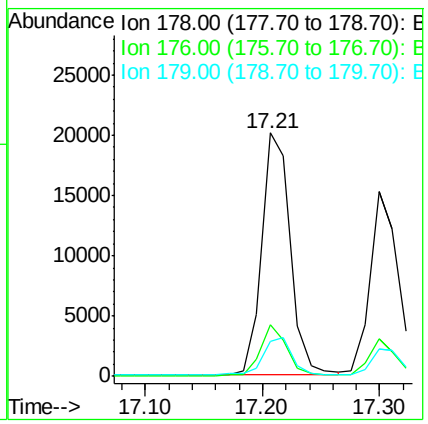




#19
Phenanthrene
Concen: 0.43 ng
RT: 17.21 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:178 Resp: 34087

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.9	13.1	19.7



Instrument :
BNA_E
ClientSampleId :
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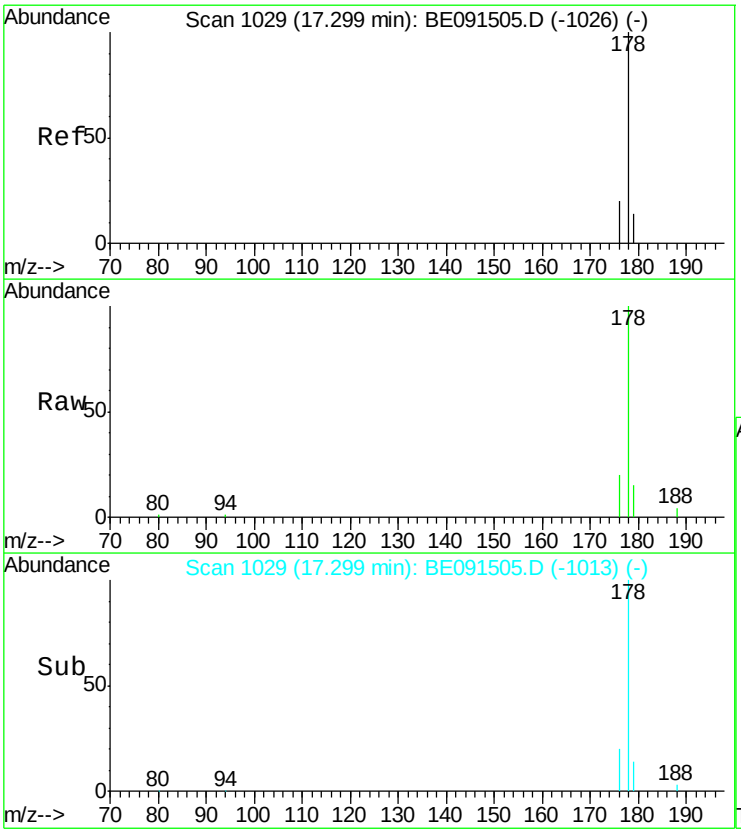
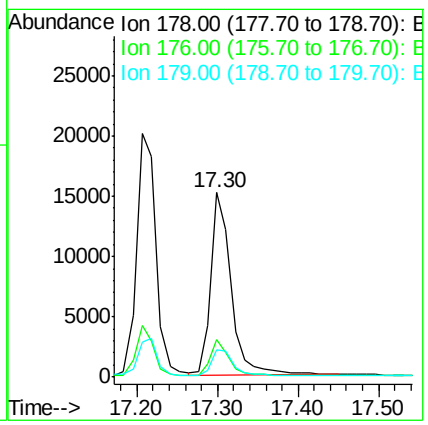
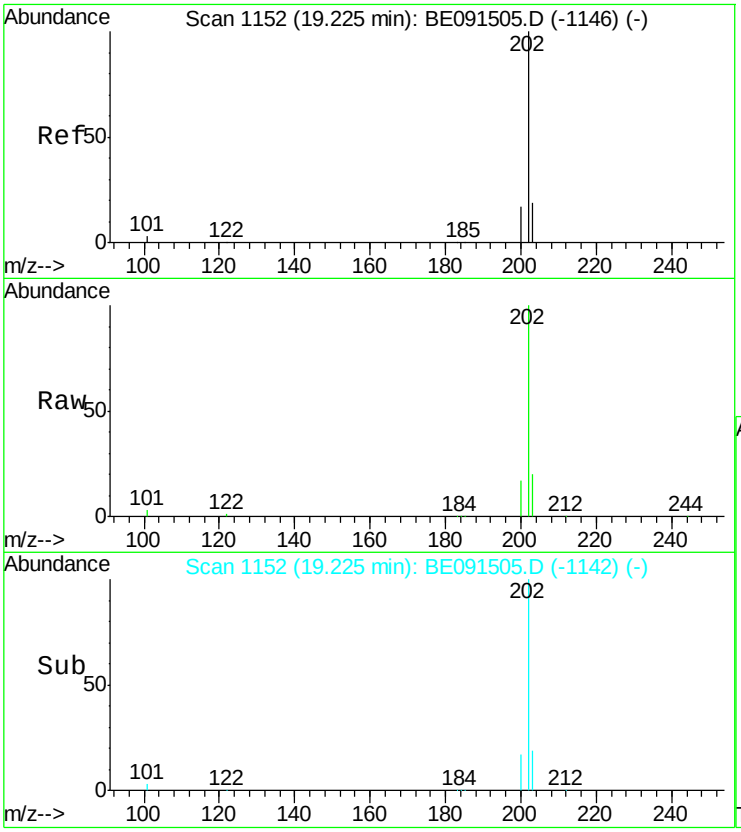


#20
Anthracene
Concen: 0.39 ng
RT: 17.30 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:178 Resp: 26887

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.1	12.2	18.4





#21
Fluoranthene
Concen: 0.36 ng
RT: 19.22 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:202 Resp: 32330

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.3	12.5
203	17.7	13.9	20.9

Instrument :
BNA_E
ClientSampleId :
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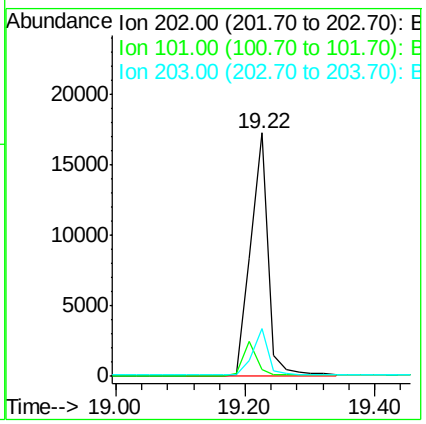
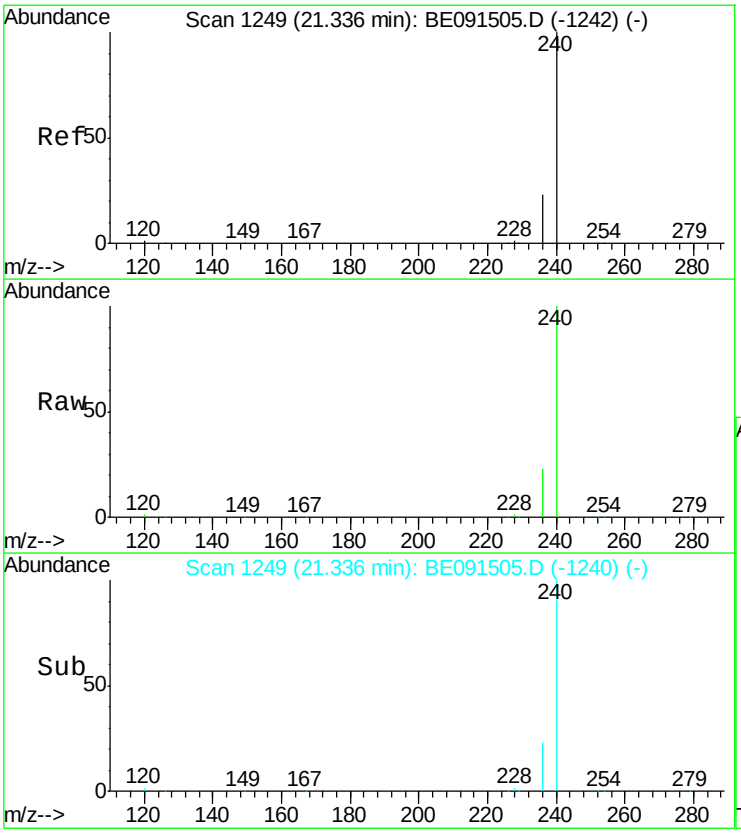
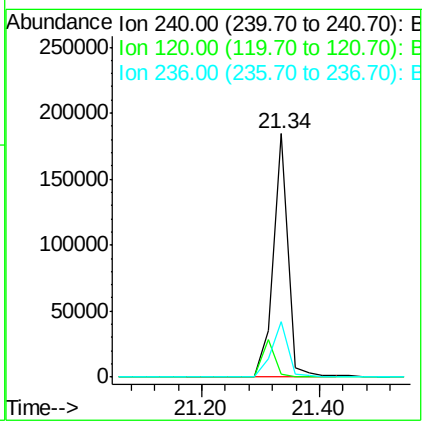


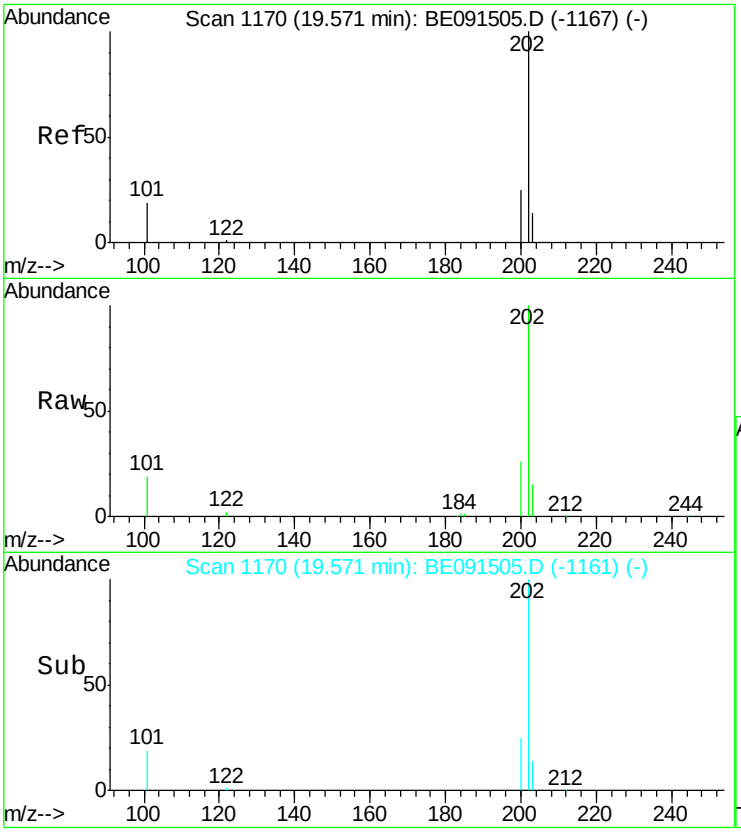


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.34 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:240 Resp: 321356

Ion	Ratio	Lower	Upper
240	100		
120	1.3	4.0	6.0#
236	22.9	23.0	34.4#





#23
Pyrene
Concen: 0.44 ng
RT: 19.57 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:202 Resp: 35164

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.4	24.6
203	17.6	14.6	21.8

Instrument :
BNA_E
ClientSampleId :
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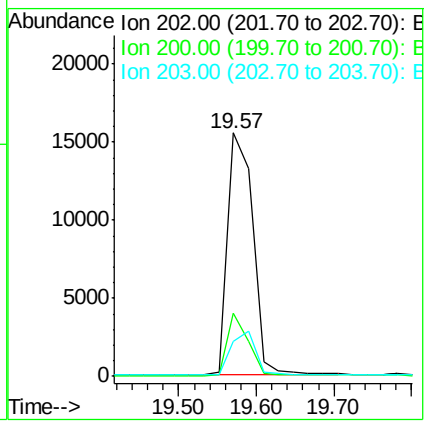
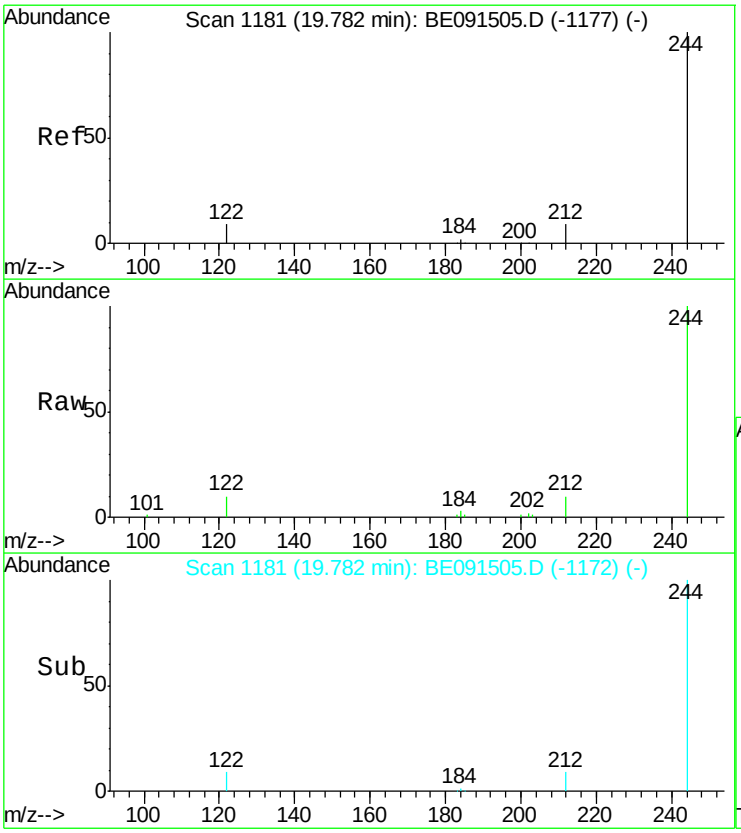
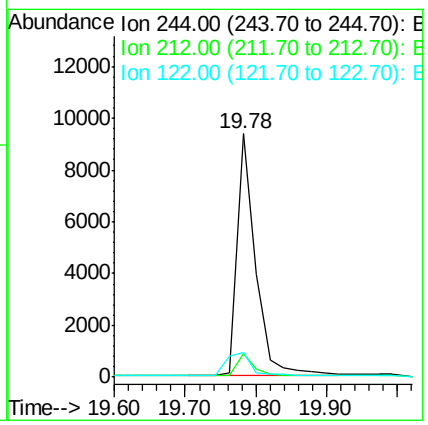


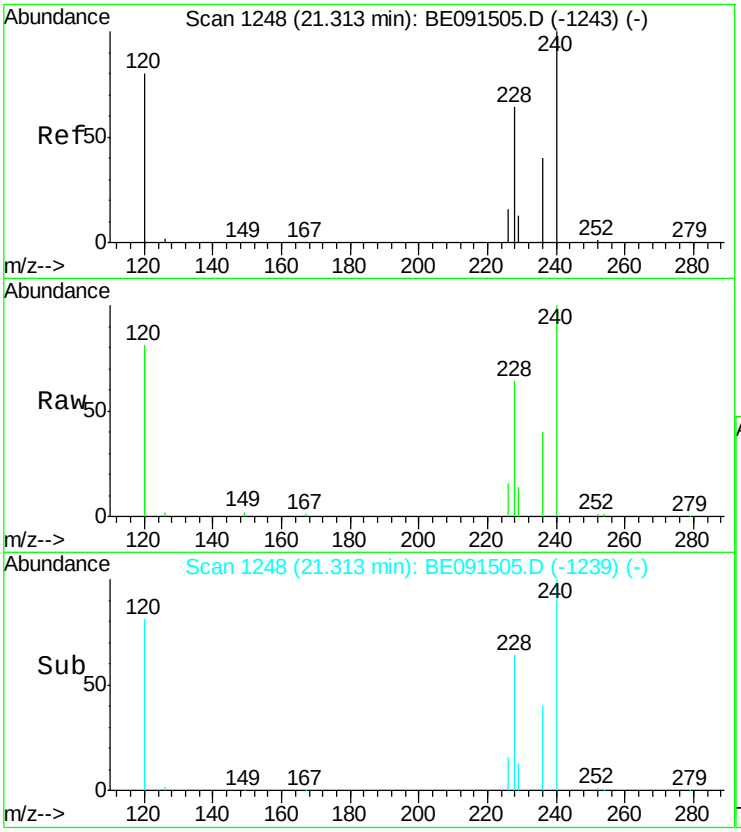


#24
Terphenyl-d14
Concen: 0.44 ng
RT: 19.78 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:244 Resp: 17082

Ion	Ratio	Lower	Upper
244	100		
212	9.6	5.8	8.8#
122	10.0	1.8	2.8#

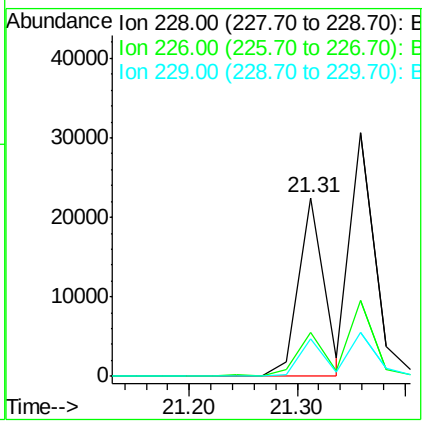




#25
Benzo(a)anthracene
Concen: 0.41 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:228 Resp: 36643

Ion	Ratio	Lower	Upper
228	100		
226	24.5	24.0	36.0
229	21.2	13.8	20.6#



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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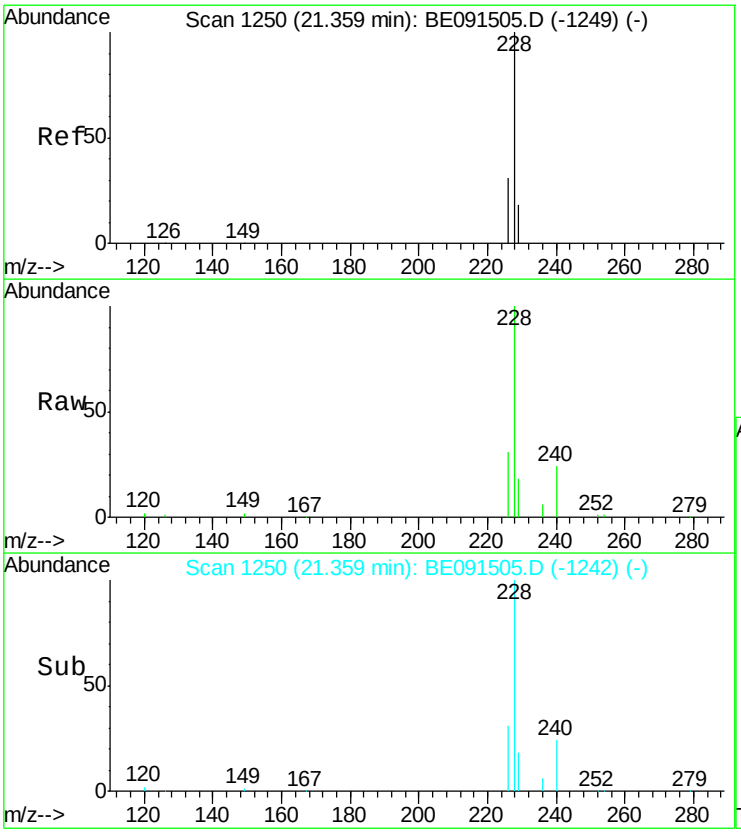
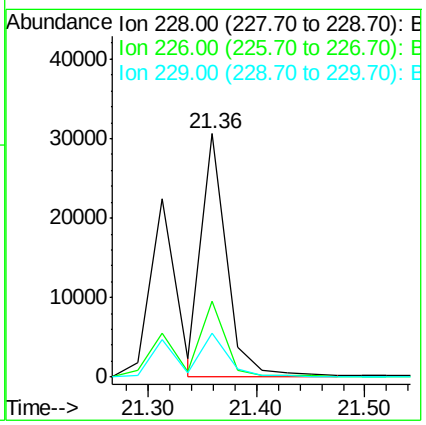
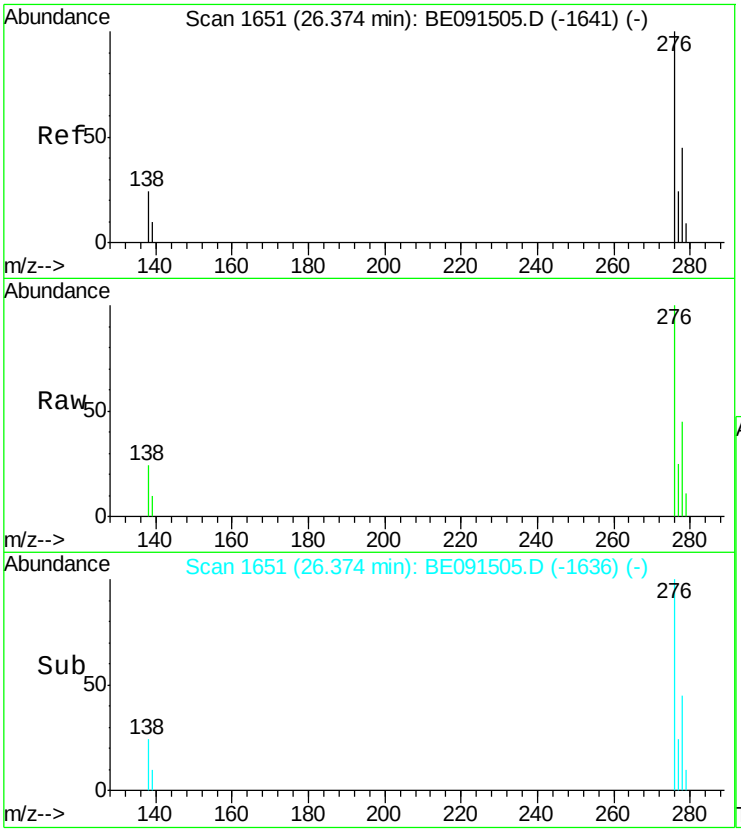


#26
Chrysene
Concen: 0.61 ng m
RT: 21.36 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:228 Resp: 50279

Ion	Ratio	Lower	Upper
228	100		
226	31.2	18.9	28.3#
229	18.3	19.1	28.7#

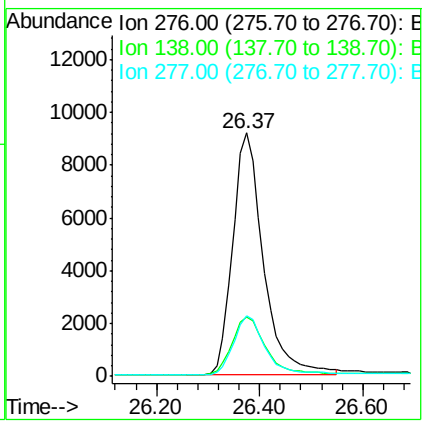




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.41 ng
RT: 26.37 min Scan# 1651
Delta R.T. -0.02 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:276 Resp: 38014

Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.2	30.4
277	24.5	19.8	29.8



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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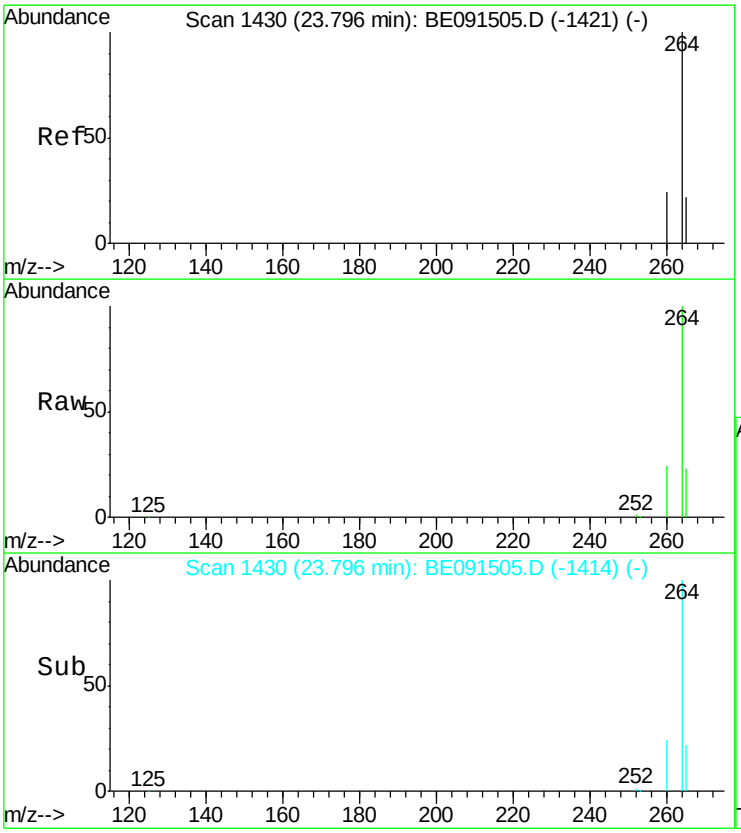
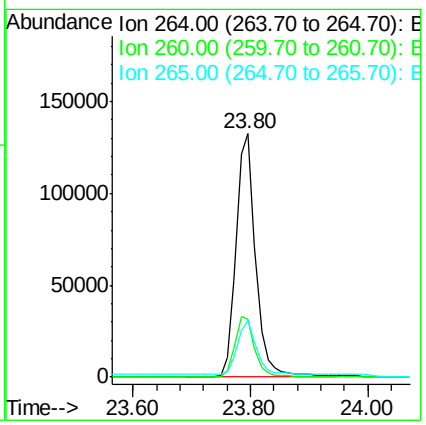
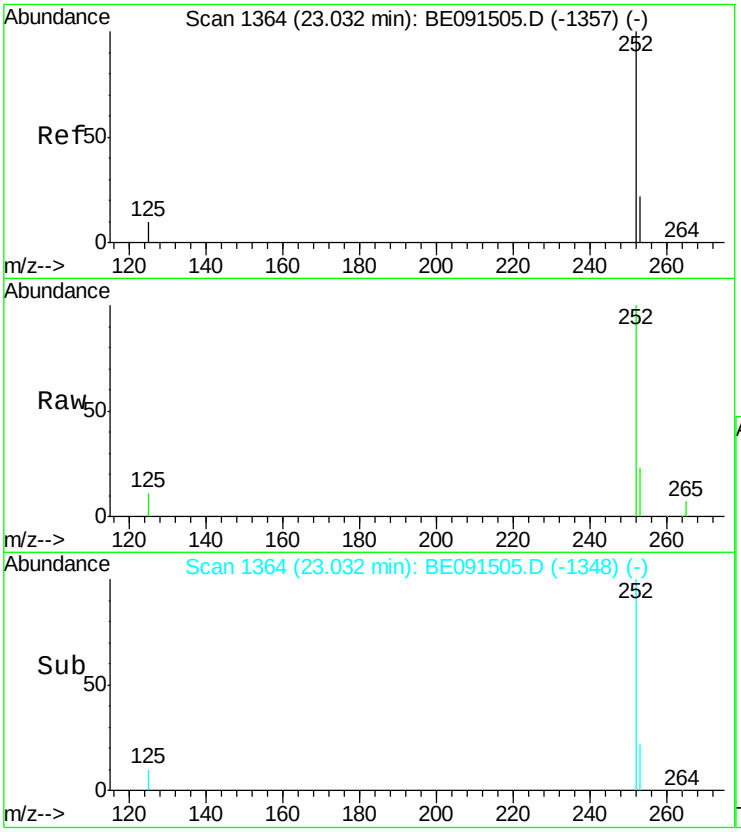


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.80 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:264 Resp: 306382

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.1	30.1
265	23.1	18.3	27.5

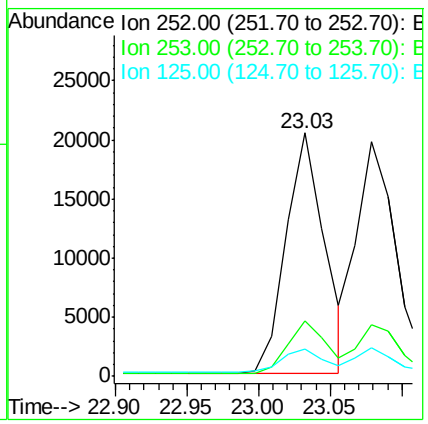




#29
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 23.03 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:252 Resp: 38071

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.7	28.1
125	11.2	9.8	14.6



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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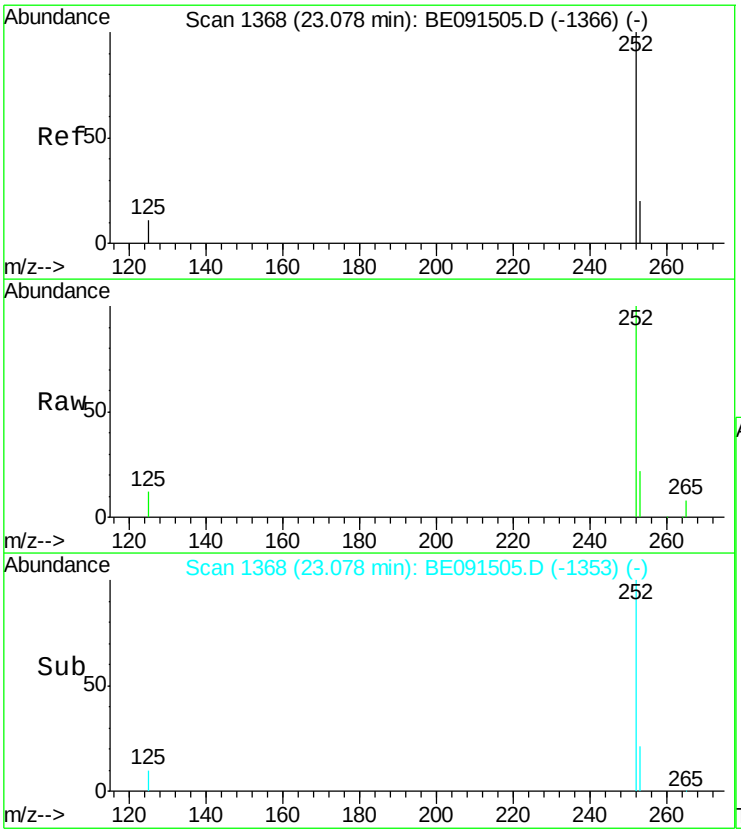
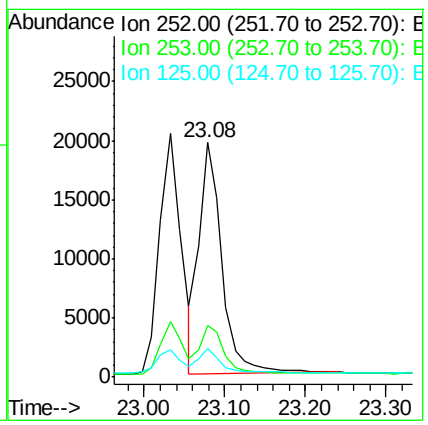
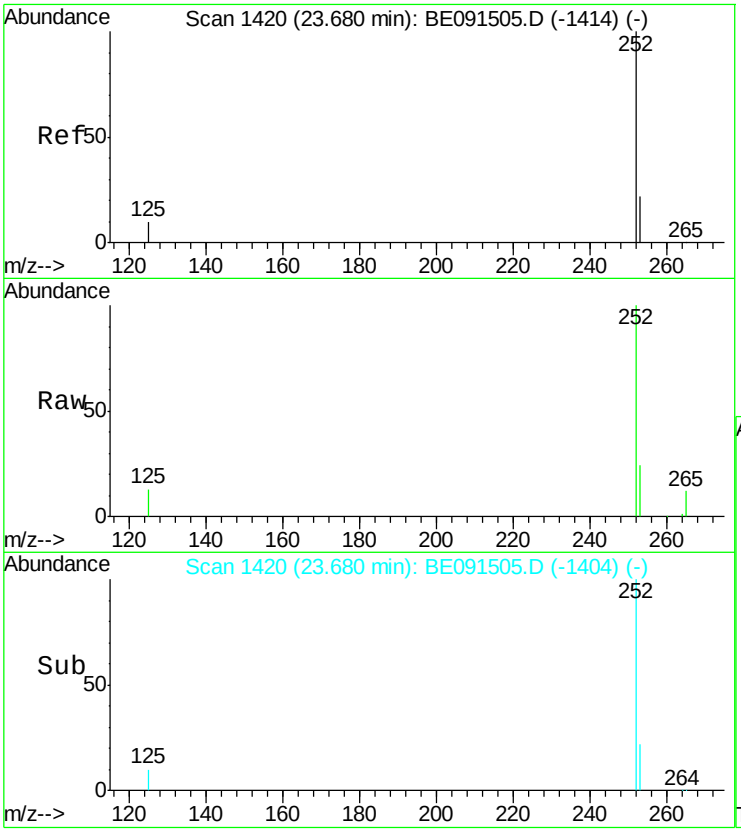


#30
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 23.08 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:252 Resp: 38601

Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.2	30.4
125	12.0	9.4	14.2

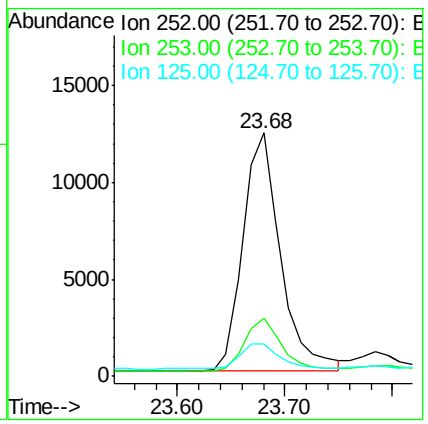




#31
Benzo(a)pyrene
Concen: 0.35 ng
RT: 23.68 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:252 Resp: 29959

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.4	29.0
125	13.1	11.4	17.2



Instrument :
BNA_E
ClientSampleId :
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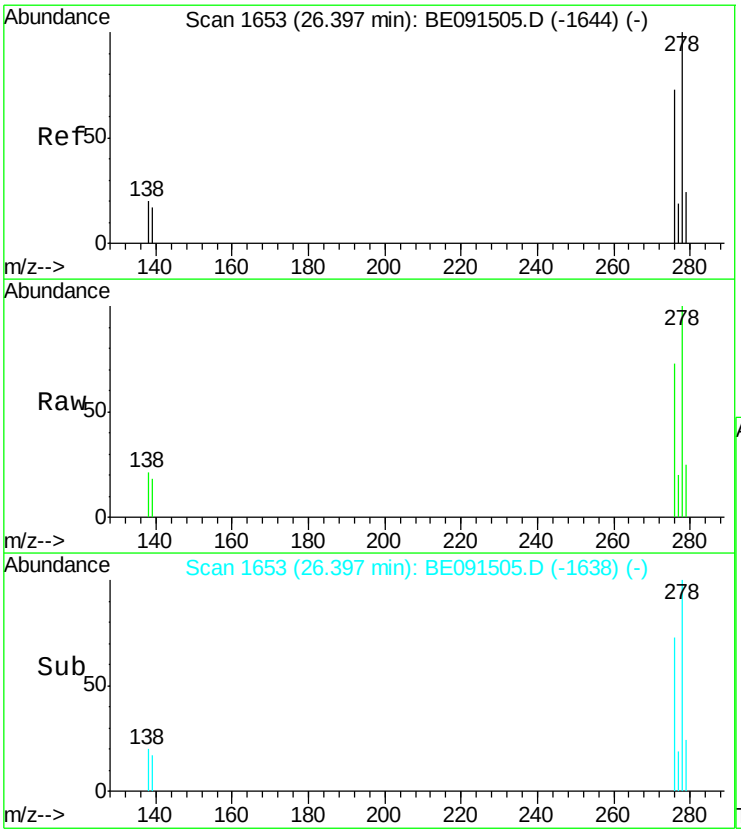
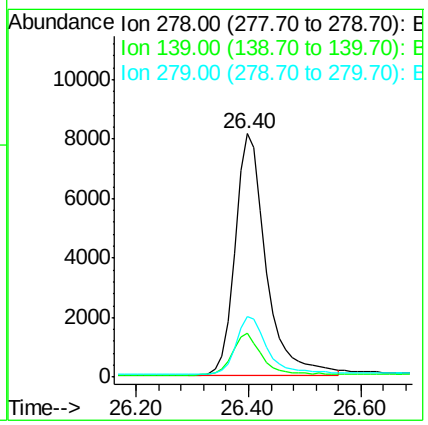
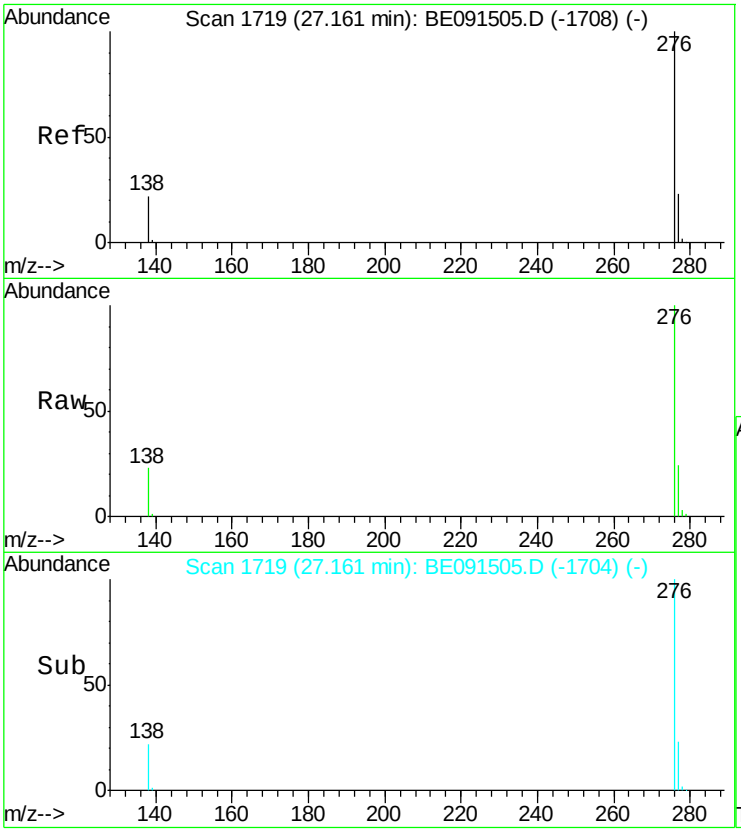


#32
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 26.40 min Scan# 1653
Delta R.T. -0.02 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:278 Resp: 31464

Ion	Ratio	Lower	Upper
278	100		
139	17.8	14.2	21.4
279	24.9	19.6	29.4

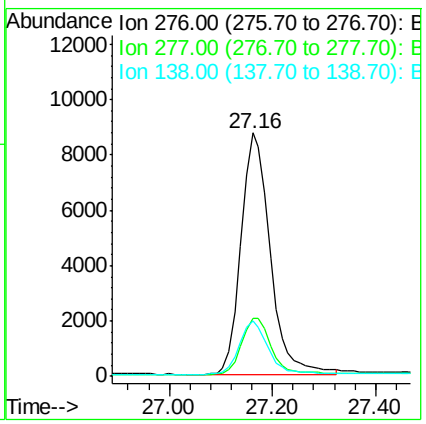




#33
Benzo(g,h,i)perylene
Concen: 0.39 ng
RT: 27.16 min Scan# 1719
Delta R.T. -0.02 min
Lab File: BE091505.D
Acq: 22 Mar 2016 11:34

Tgt Ion:276 Resp: 34244

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.2
138	22.6	18.2	27.4



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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