Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082916\
Data File : BE092289.D
Acq On : 29 Aug 2016 14:35
Operator : UM/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
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Quant Time: Aug 29 16:12:10 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 14:46:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	10205	5.00	ng		0.00
7) Naphthalene-d8	10.97	136	47327	5.00	ng		0.00
12) Acenaphthene-d10	14.83	164	26634	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	63875	5.00	ng		0.00
24) Chrysene-d12	21.75	240	78024	5.00	ng		0.00
31) Perylene-d12	24.12	264	70261	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.69	112	3614	1.62	ng		-0.01
5) Phenol-d6	7.36	99	4769	1.49	ng		-0.02
8) Nitrobenzene-d5	9.34	82	4856	1.45	ng		-0.02
13) 2,4,6-Tribromophenol	16.32	330	1231	1.55	ng		-0.01
14) 2-Fluorobiphenyl	13.45	172	13207	1.60	ng		-0.01
26) Terphenyl-d14	20.19	244	16793	1.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	2143	1.65	ng		95
3) n-Nitrosodimethylamine	3.78	42	2705	1.71	ng		99
6) bis(2-Chloroethyl)ether	7.61	93	4258	1.64	ng	#	33
9) Naphthalene	11.01	128	16541	1.56	ng	#	95
10) Hexachlorobutadiene	11.30	225	2512	1.64	ng		98
11) 2-Methylnaphthalene	12.64	142	10544	1.59	ng		98
15) Acenaphthylene	14.54	152	72772	1.58	ng		99
16) Acenaphthene	14.88	154	11488	1.55	ng		99
17) Fluorene	15.87	166	14197	1.59	ng		100
19) Hexachlorobenzene	16.89	284	4308	1.70	ng	#	100
20) Pentachlorophenol	17.26	266	983	1.83	ng	#	85
21) Phenanthrene	17.63	178	22471	1.36	ng	#	77
22) Anthracene	17.72	178	21741	1.46	ng	#	77
23) Fluoranthene	19.61	202	107834	1.64	ng		100
25) Pyrene	19.97	202	113702	1.23	ng		99
27) Benzo(a)anthracene	21.72	228	125317m	1.34	ng		
28) Chrysene	21.77	228	117119m	1.35	ng		
29) Bis(2-ethylhexyl)phthalate	21.66	149	8107	0.67	ng	#	95
30) Indeno(1,2,3-cd)pyrene	26.62	276	122584	1.32	ng		98
32) Benzo(b)fluoranthene	23.38	252	27039	1.47	ng		96
33) Benzo(k)fluoranthene	23.43	252	30768	1.65	ng	#	94
34) Benzo(a)pyrene	24.01	252	26351	1.52	ng	#	93
35) Dibenzo(a,h)anthracene	26.63	278	24700	1.53	ng		95
36) Benzo(g,h,i)perylene	27.38	276	105812	1.52	ng		95

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

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Data Path : Z:\HPCHEM1\BNA E\DATA\BE082916\
Data File : BE092289.D
Acq On : 29 Aug 2016 14:35
Operator : UM/SJ
Sample : SSTDICC1.6
Misc :
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Quant Time: Aug 29 16:12:10 2016
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Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
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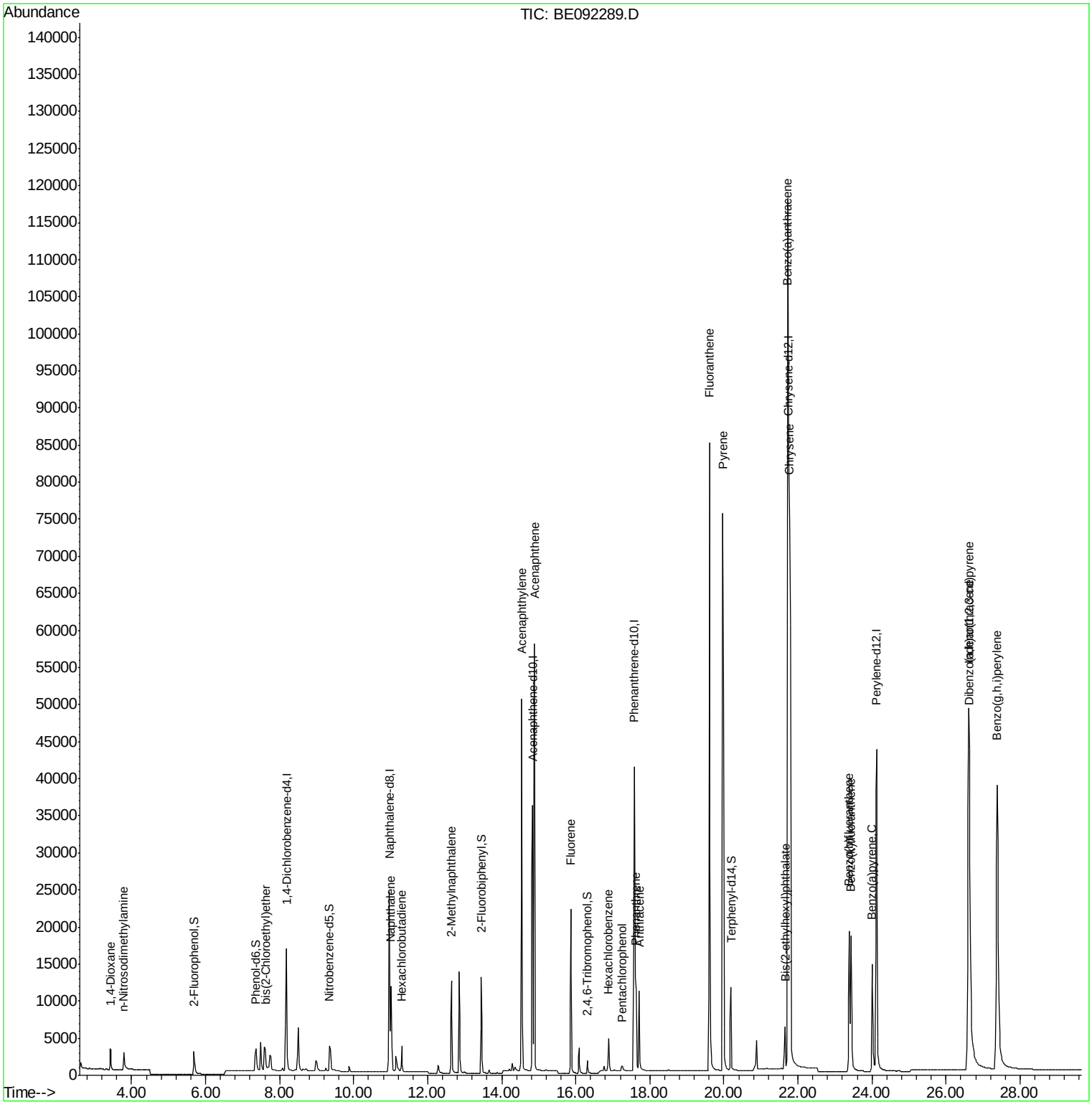
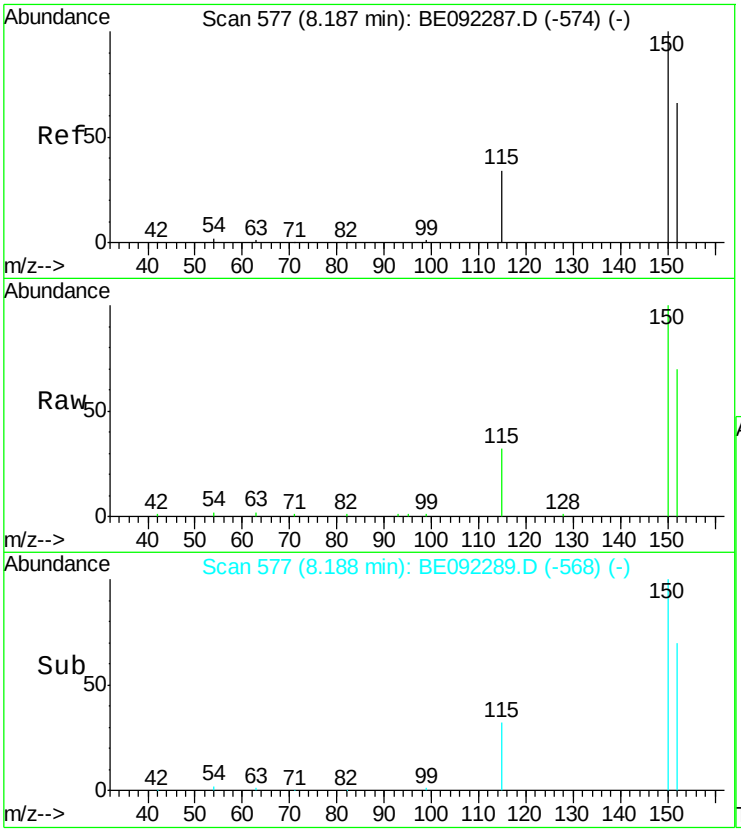
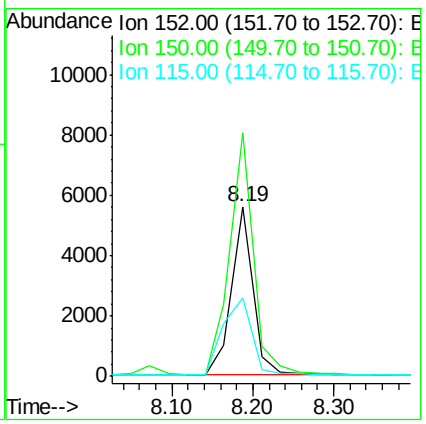




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.19 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:152 Resp: 10205

Ion	Ratio	Lower	Upper
152	100		
150	143.4	135.6	203.4
115	46.0	59.4	89.0#



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
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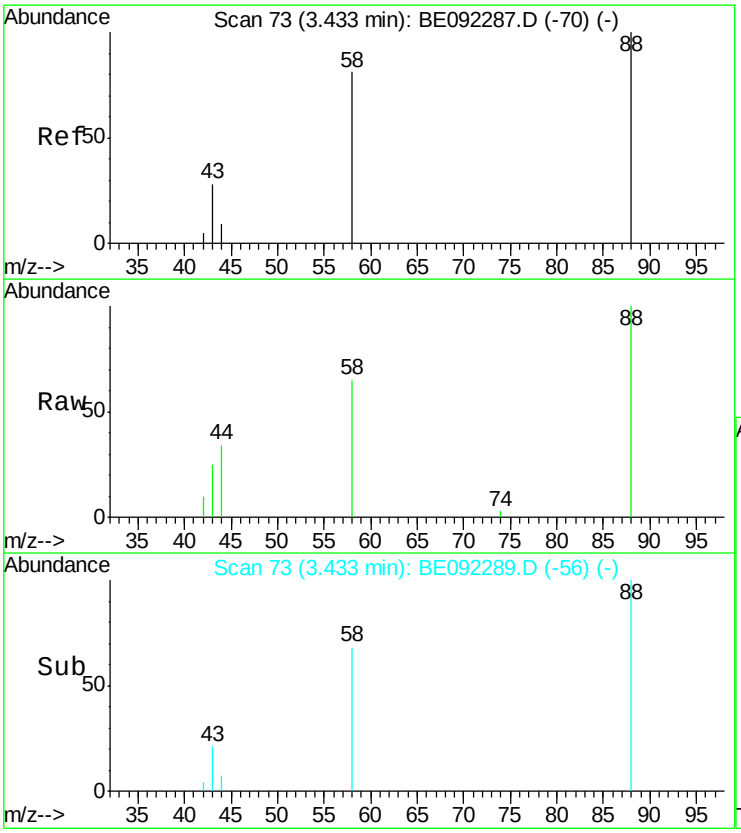
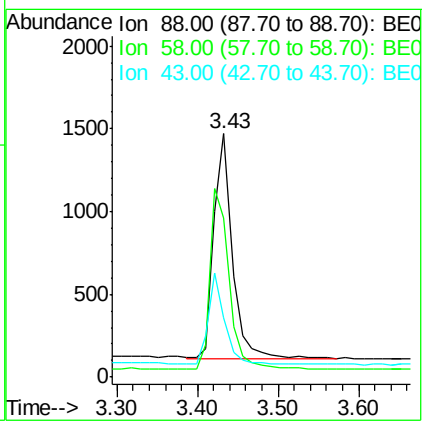
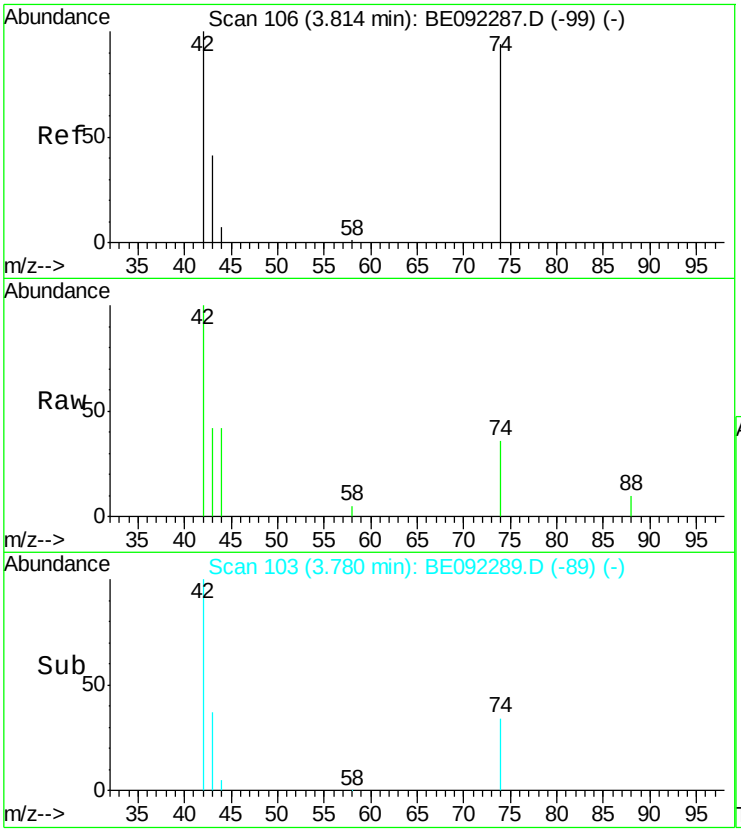


#2
1,4-Dioxane
Concen: 1.65 ng
RT: 3.43 min Scan# 73
Delta R.T. 0.00 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion: 88 Resp: 2143

Ion	Ratio	Lower	Upper
88	100		
58	84.2	64.4	96.6
43	37.5	33.4	50.2

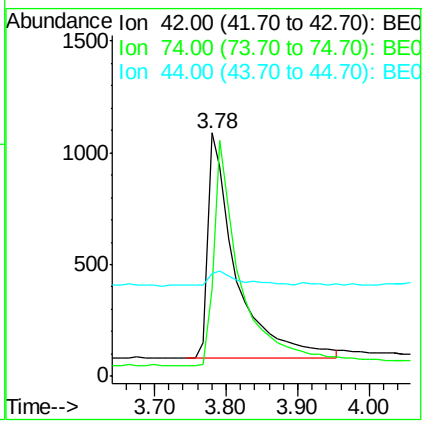




#3
n-Nitrosodimethylamine
Concen: 1.71 ng
RT: 3.78 min Scan# 103
Delta R.T. -0.03 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion: 42 Resp: 2705

Ion	Ratio	Lower	Upper
42	100		
74	97.2	77.2	115.8
44	6.9	5.0	7.4



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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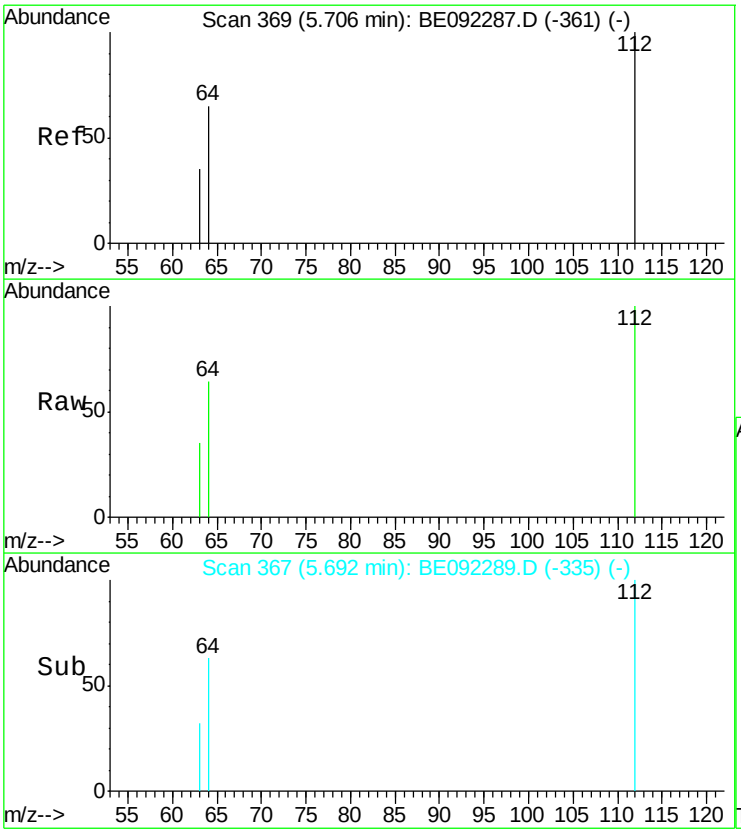
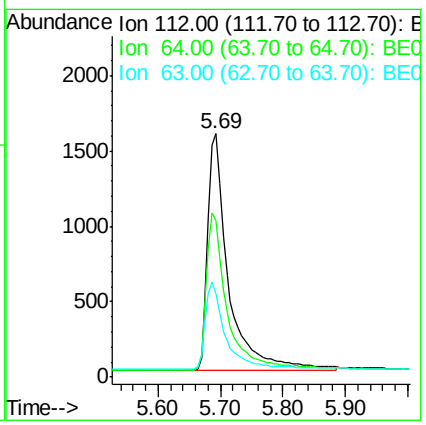
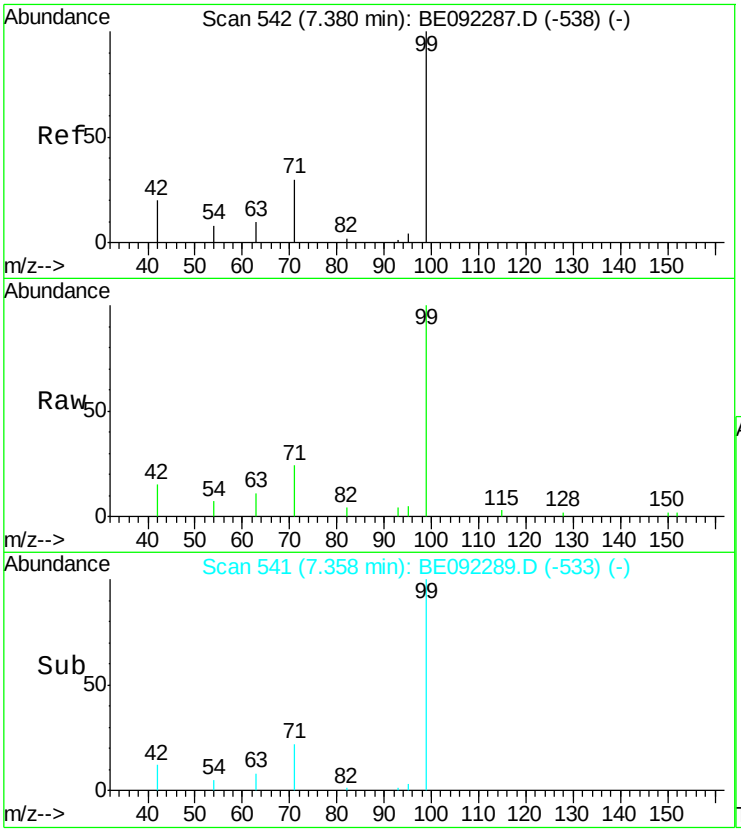


#4
2-Fluorophenol
Concen: 1.62 ng
RT: 5.69 min Scan# 367
Delta R.T. -0.01 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:112 Resp: 3614

Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.2	79.8
63	37.0	27.4	41.2

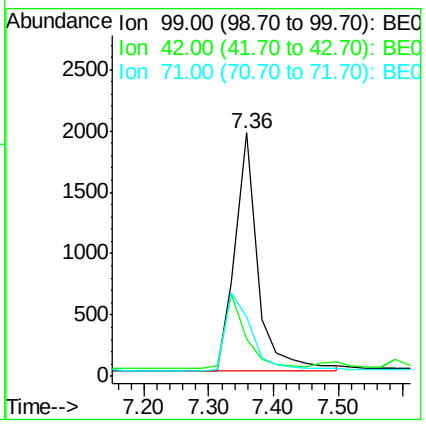




#5
Phenol-d6
Concen: 1.49 ng
RT: 7.36 min Scan# 541
Delta R.T. -0.02 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion: 99 Resp: 4769

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	29.8	44.8#



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
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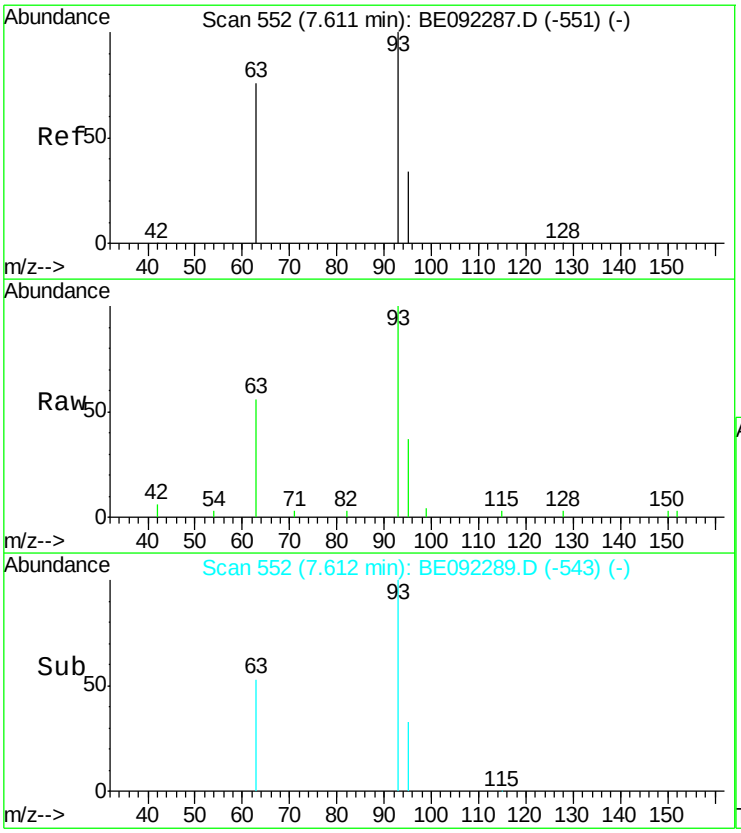
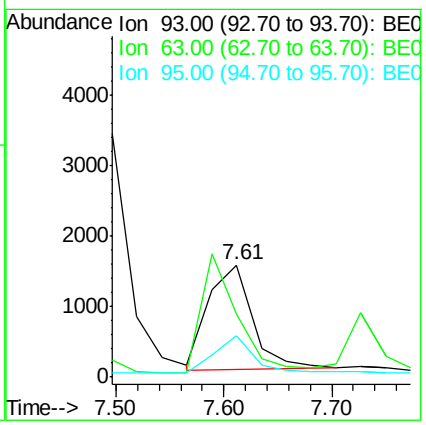
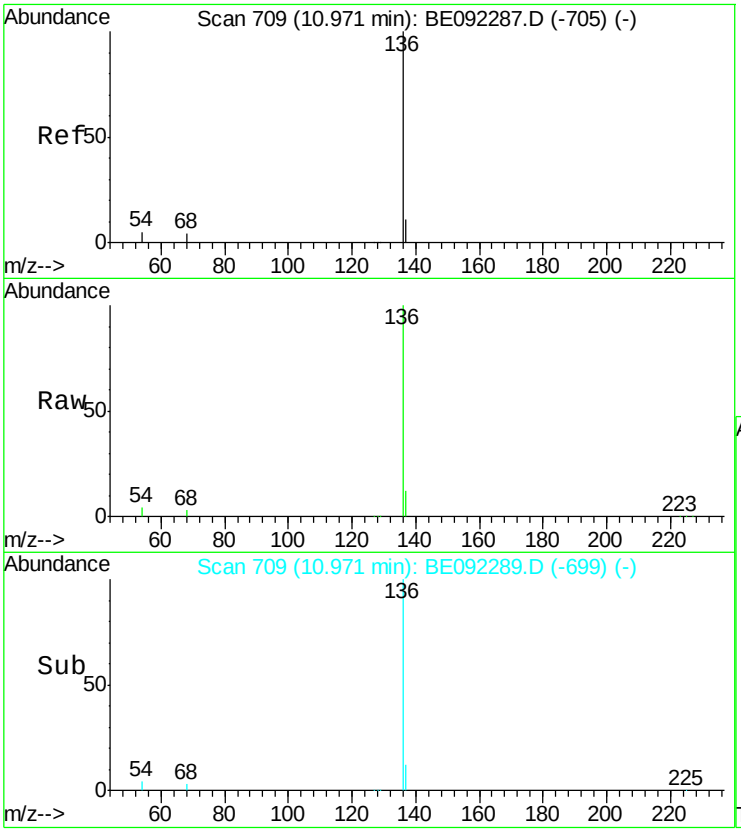


#6
bis(2-Chloroethyl)ether
Concen: 1.64 ng
RT: 7.61 min Scan# 552
Delta R.T. 0.00 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion: 93 Resp: 4258

Ion	Ratio	Lower	Upper
93	100		
63	0.0	68.5	102.7#
95	33.4	27.2	40.8

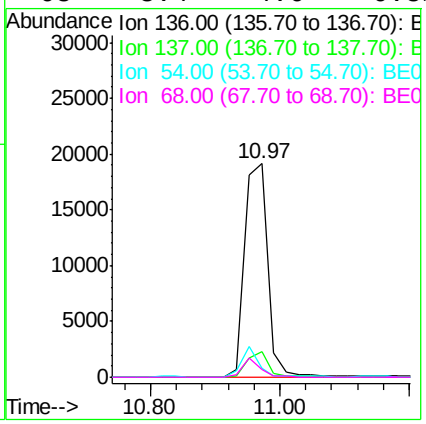




#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.97 min Scan# 709
Delta R.T. -0.00 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:136 Resp: 47327

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.8	13.2
54	4.3	6.2	9.4#
68	3.4	4.6	6.8#



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
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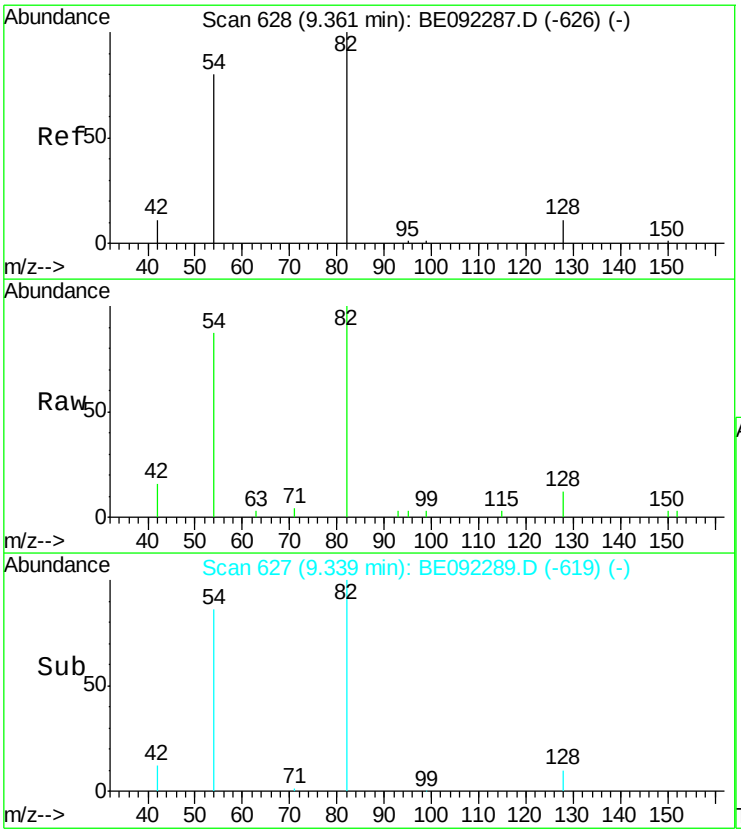
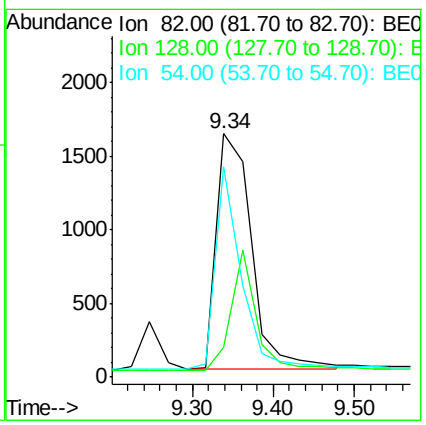
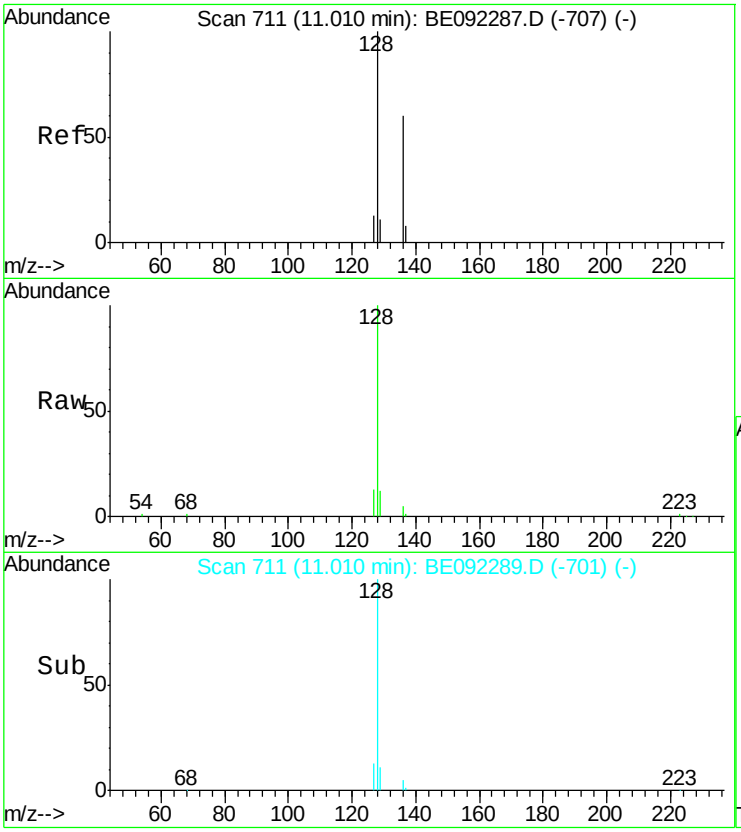


#8
Nitrobenzene-d5
Concen: 1.45 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion: 82 Resp: 4856

Ion	Ratio	Lower	Upper
82	100		
128	12.5	45.0	67.4#
54	86.6	45.4	68.2#

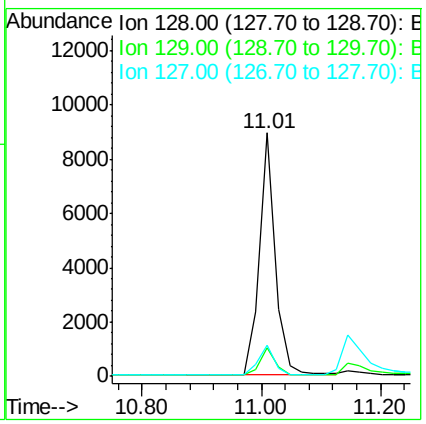




#9
Naphthalene
Concen: 1.56 ng
RT: 11.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:128 Resp: 16541

Ion	Ratio	Lower	Upper
128	100		
129	11.5	11.5	17.3#
127	13.0	11.0	16.6



Instrument :
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ClientSampleId :
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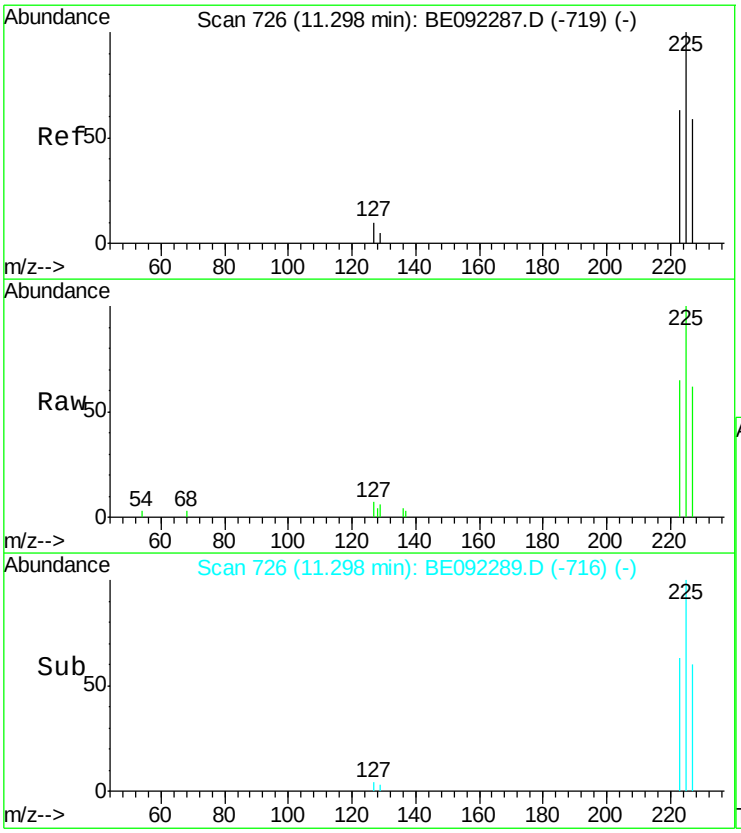
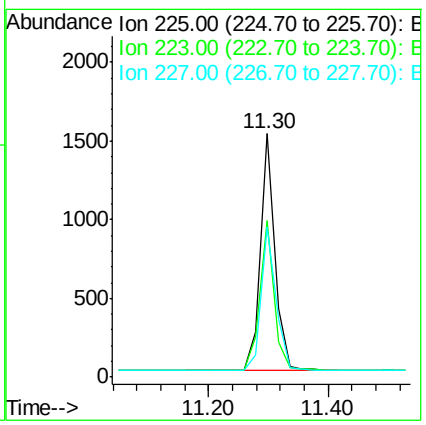
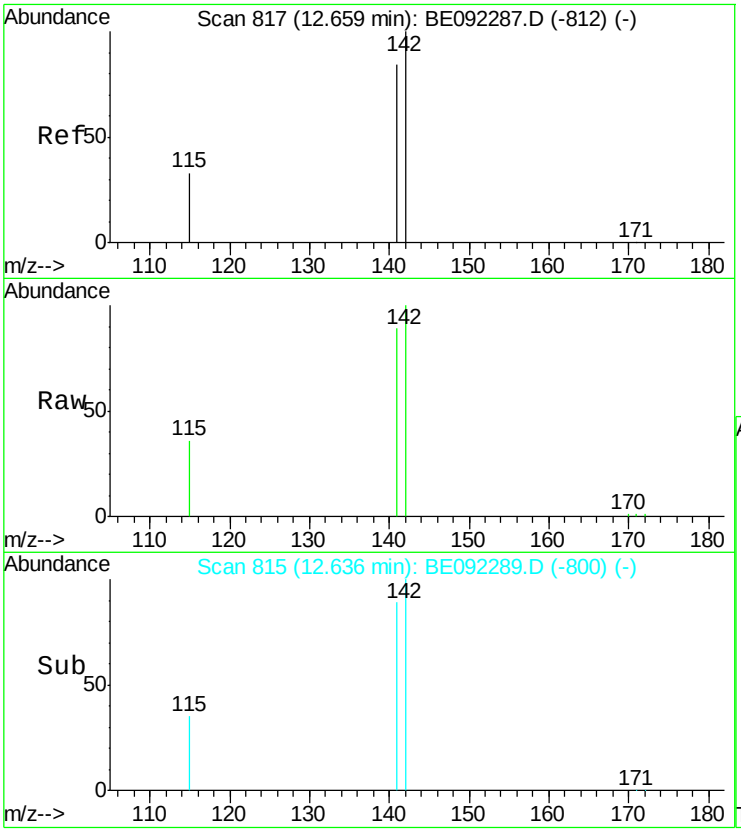


#10
Hexachlorobutadiene
Concen: 1.64 ng
RT: 11.30 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:225 Resp: 2512

Ion	Ratio	Lower	Upper
225	100		
223	62.9	52.2	78.4
227	62.4	51.0	76.6

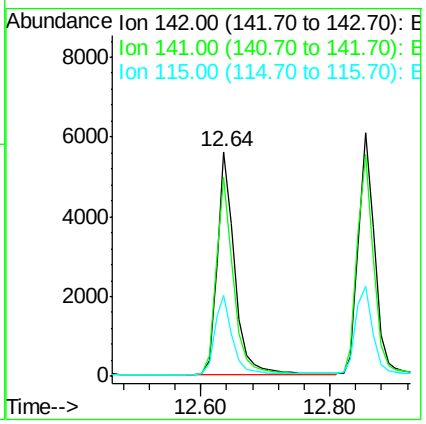




#11
2-Methylnaphthalene
Concen: 1.59 ng
RT: 12.64 min Scan# 815
Delta R.T. -0.02 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:142 Resp: 10544

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.6	105.8
115	35.9	31.0	46.4



Instrument :
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ClientSampleId :
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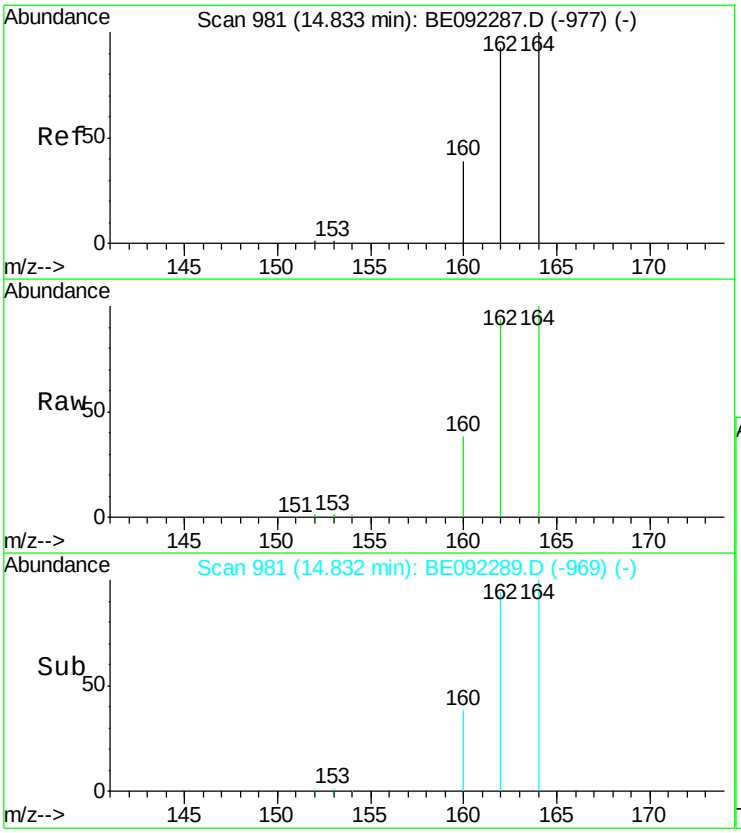
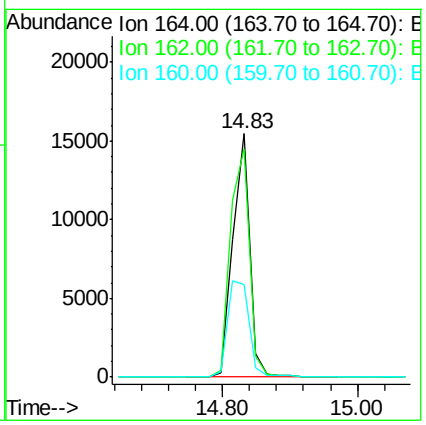
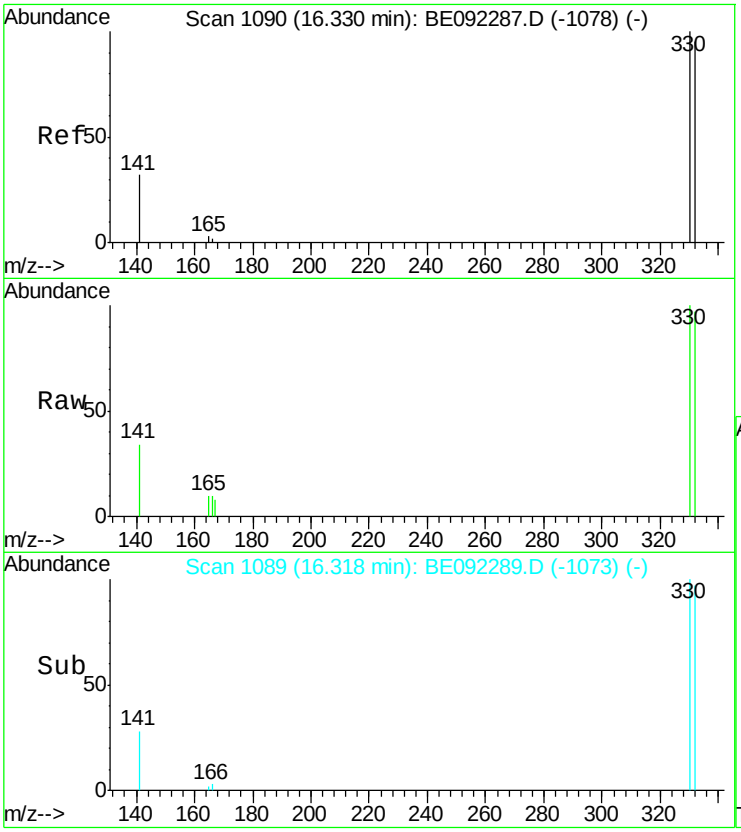


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 981
Delta R.T. -0.00 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:164 Resp: 26634

Ion	Ratio	Lower	Upper
164	100		
162	93.5	83.3	124.9
160	38.1	38.0	57.0

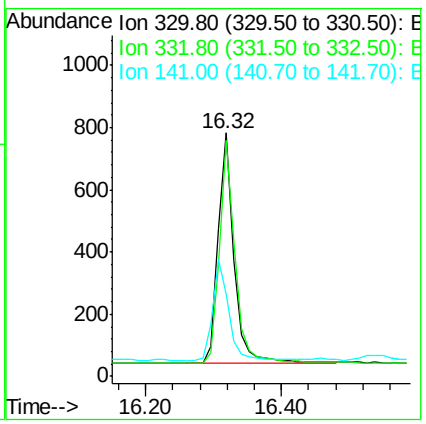




#13
2,4,6-Tribromophenol
Concen: 1.55 ng
RT: 16.32 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:330 Resp: 1231

Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.4	113.0
141	44.5	37.7	56.5



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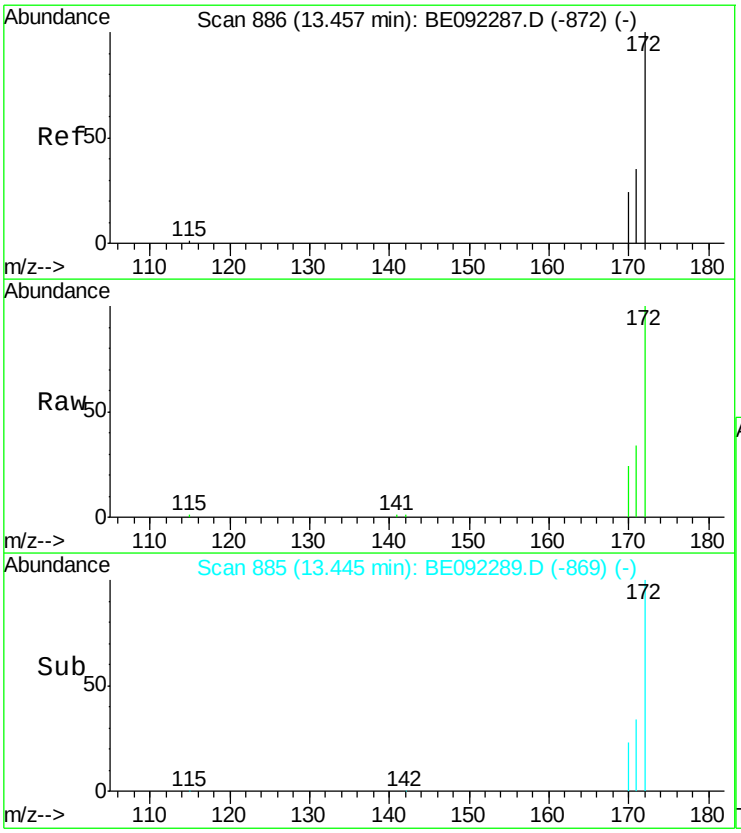
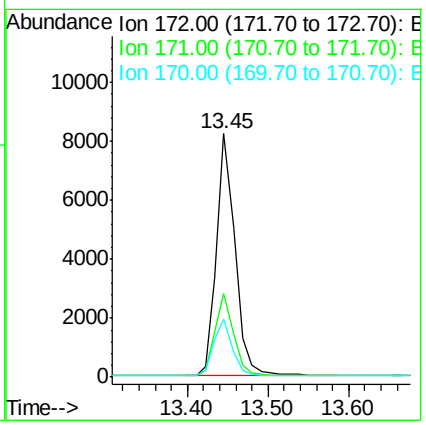
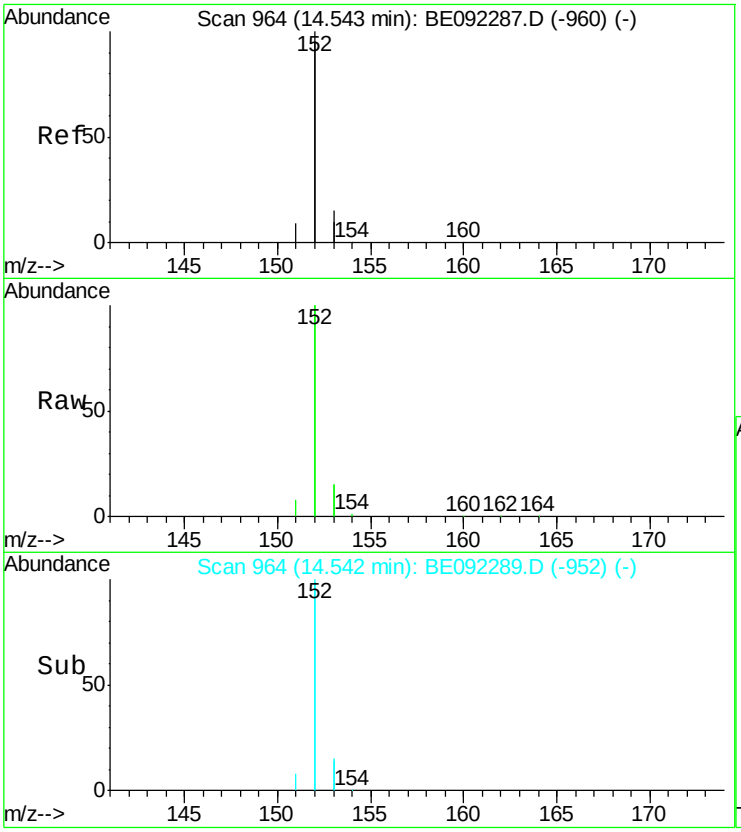


#14
2-Fluorobiphenyl
Concen: 1.60 ng
RT: 13.45 min Scan# 885
Delta R.T. -0.01 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:172 Resp: 13207

Ion	Ratio	Lower	Upper
172	100		
171	34.5	26.8	40.2
170	23.6	17.8	26.6

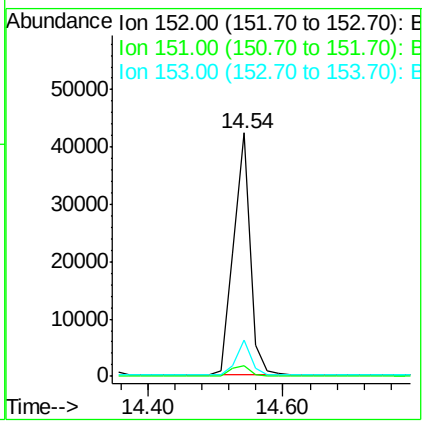




#15
Acenaphthylene
Concen: 1.58 ng
RT: 14.54 min Scan# 964
Delta R.T. -0.00 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:152 Resp: 72772

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.8	5.8
153	13.0	10.2	15.2



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
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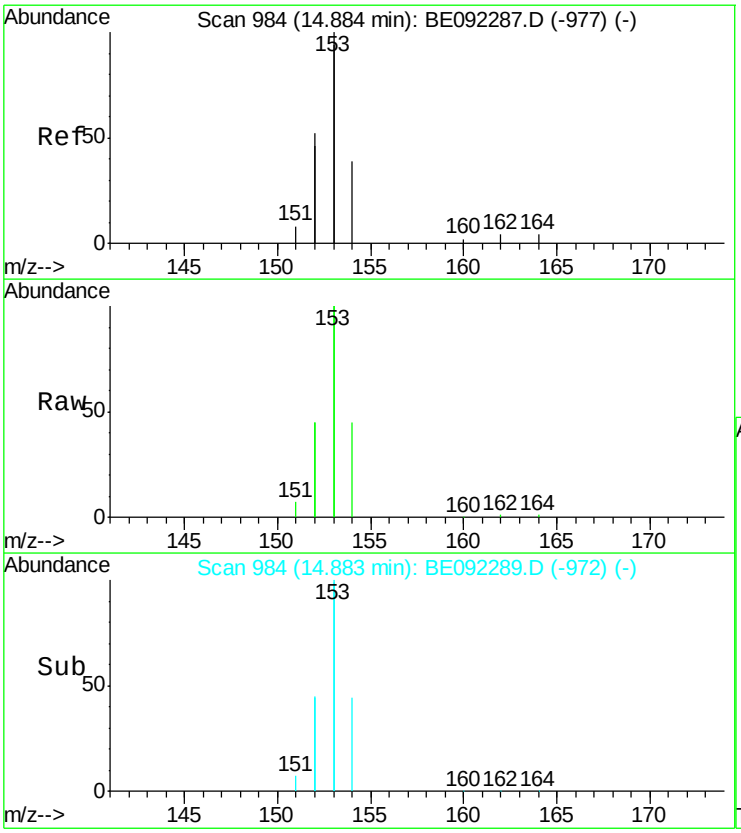
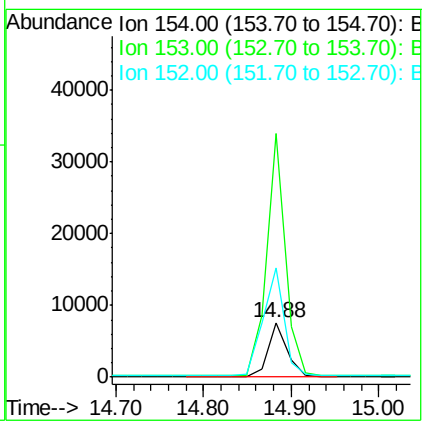
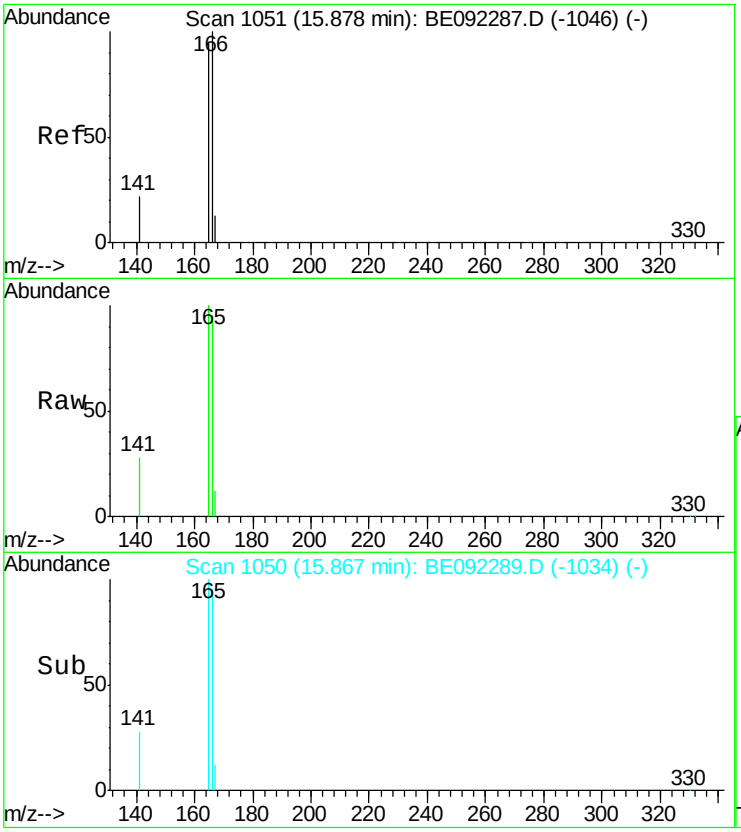


#16
Acenaphthene
Concen: 1.55 ng
RT: 14.88 min Scan# 984
Delta R.T. -0.00 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:154 Resp: 11488

Ion	Ratio	Lower	Upper
154	100		
153	444.0	355.0	532.4
152	221.0	179.7	269.5





#17
Fluorene
Concen: 1.59 ng
RT: 15.87 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:166 Resp: 14197

Ion	Ratio	Lower	Upper
166	100		
165	99.9	80.1	120.1
167	13.6	10.6	16.0

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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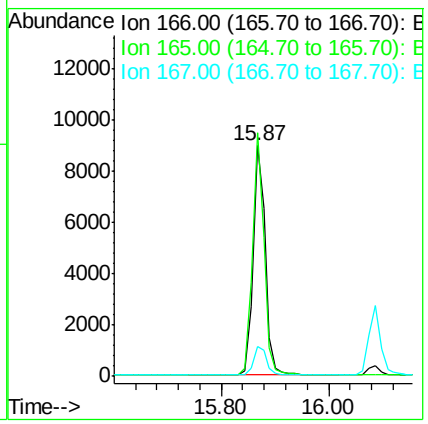
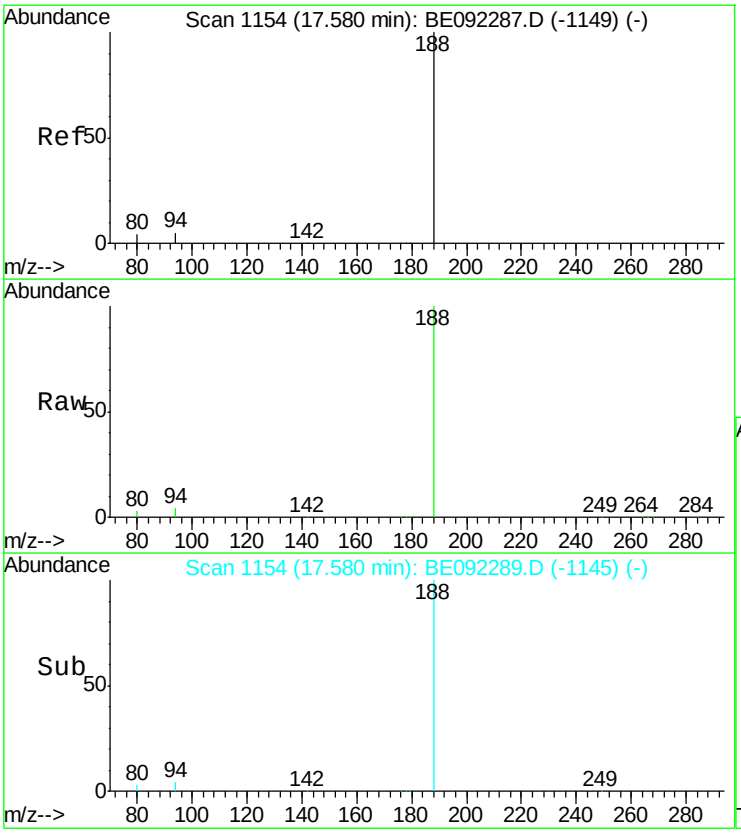
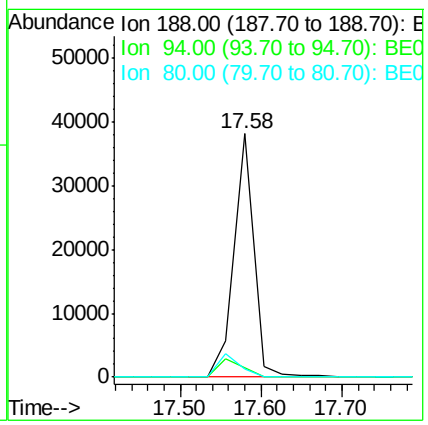


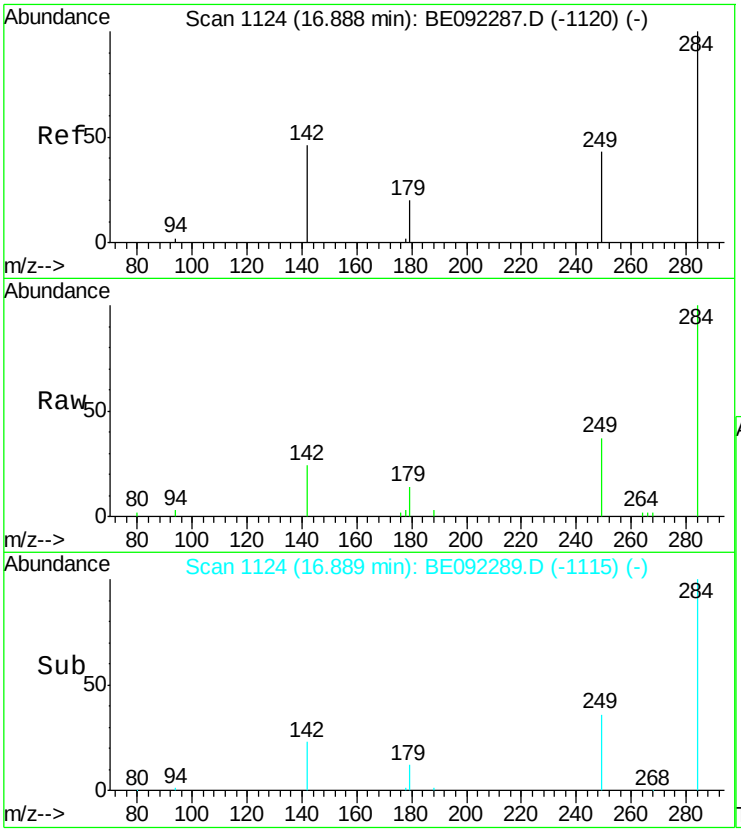


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:188 Resp: 63875

Ion	Ratio	Lower	Upper
188	100		
94	4.0	9.2	13.8#
80	3.4	9.1	13.7#





#19
Hexachlorobenzene
Concen: 1.70 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:284 Resp: 4308

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	33.1	0.0	0.0#

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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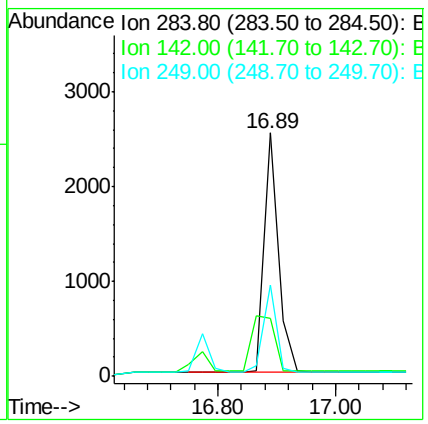
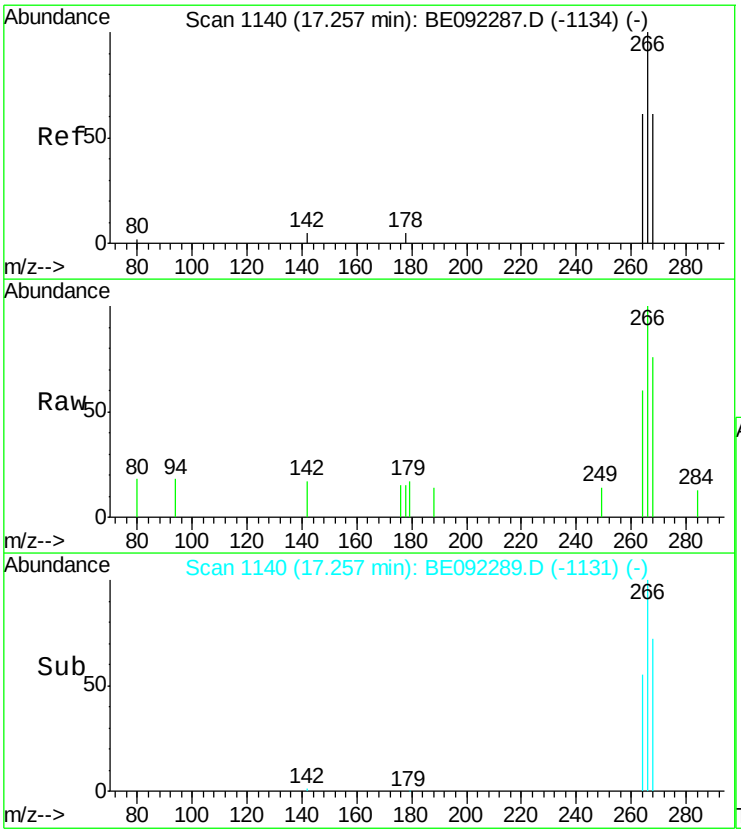
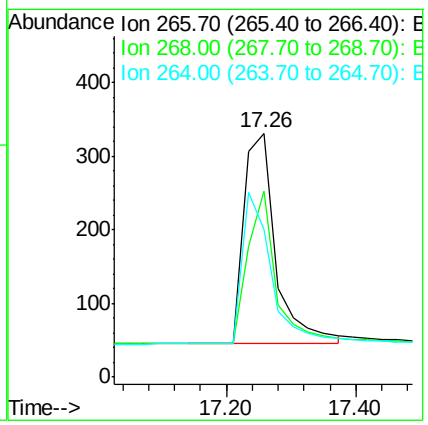


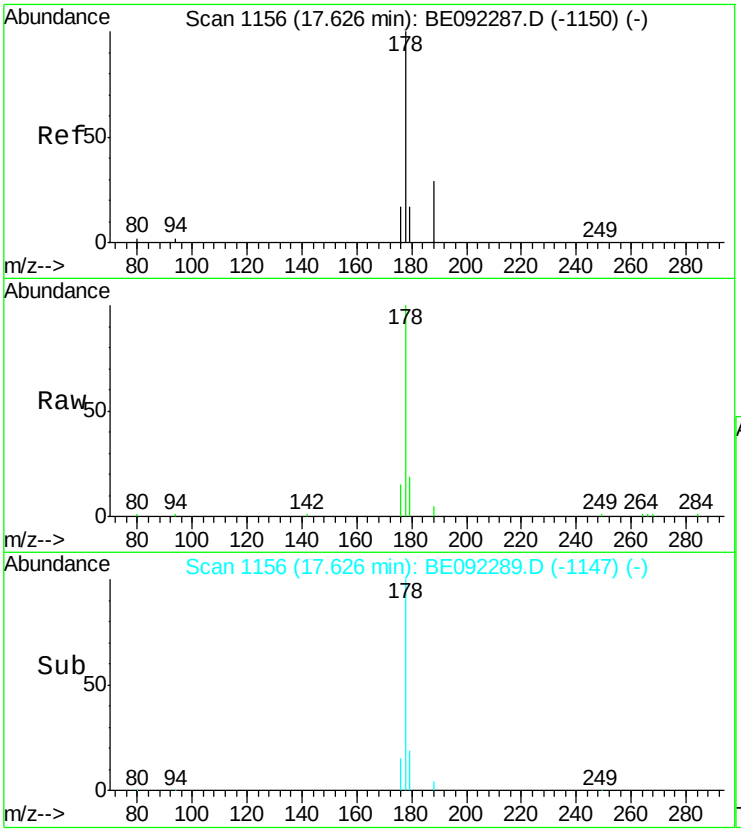


#20
Pentachlorophenol
Concen: 1.83 ng
RT: 17.26 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:266 Resp: 983

Ion	Ratio	Lower	Upper
266	100		
268	76.1	62.3	93.5
264	60.4	67.4	101.0#

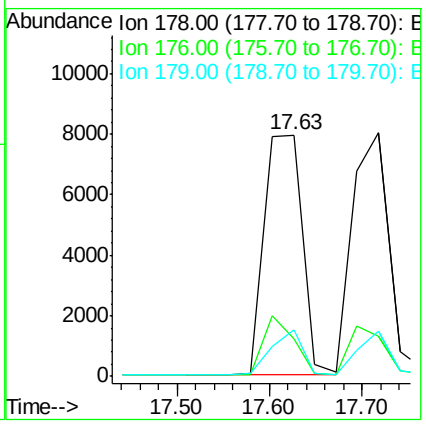




#21
Phenanthrene
Concen: 1.36 ng
RT: 17.63 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:178 Resp: 22471

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.1	22.7#
179	15.5	12.9	19.3



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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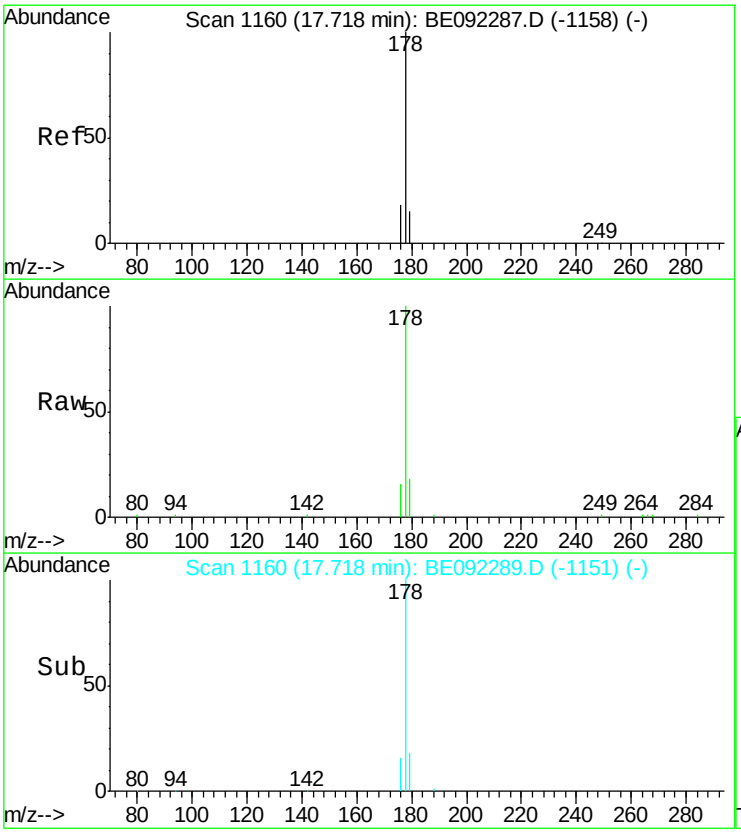
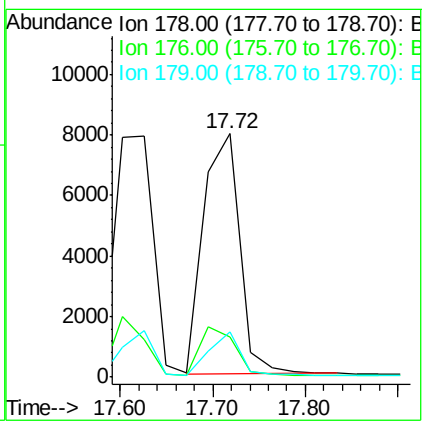
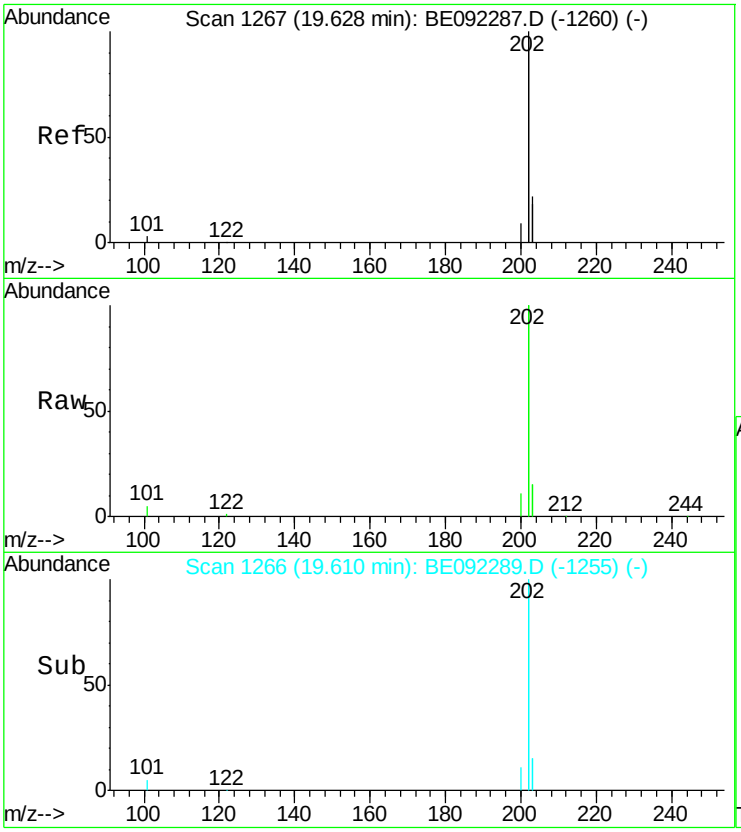


#22
Anthracene
Concen: 1.46 ng
RT: 17.72 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:178 Resp: 21741

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	15.3	12.0	18.0

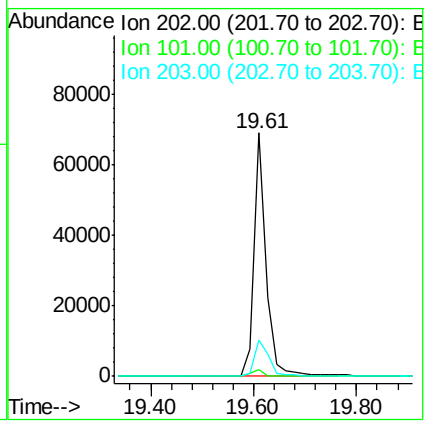




#23
Fluoranthene
Concen: 1.64 ng
RT: 19.61 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:202 Resp: 107834

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.2	13.7	20.5



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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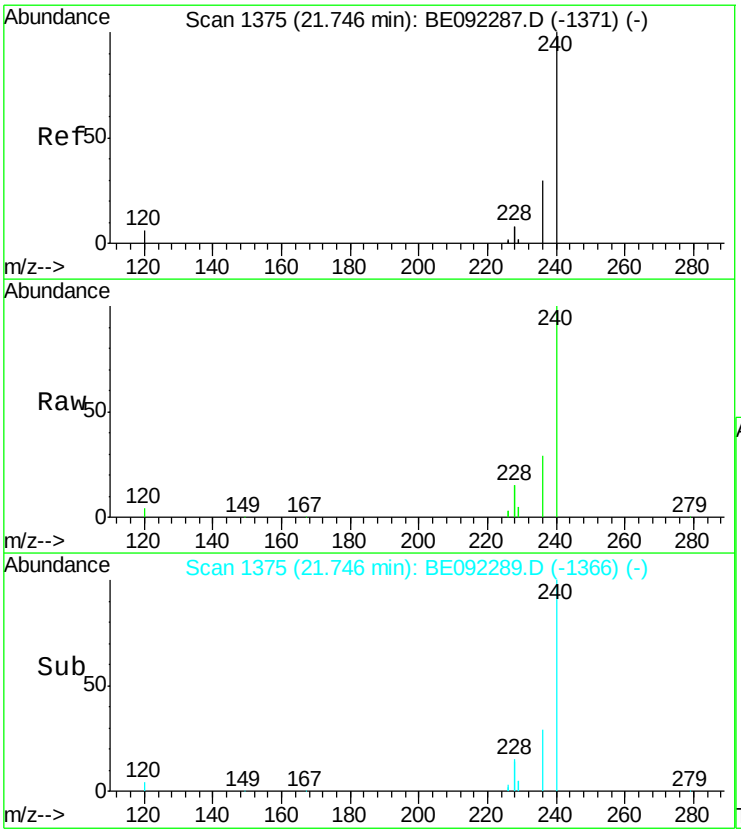
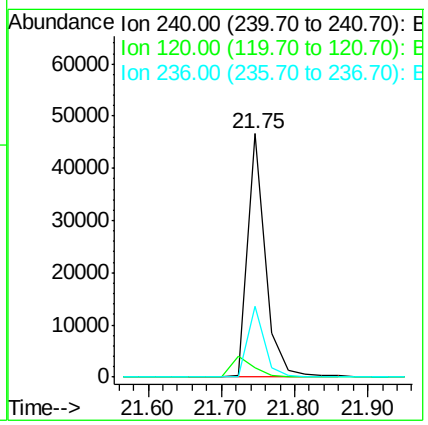
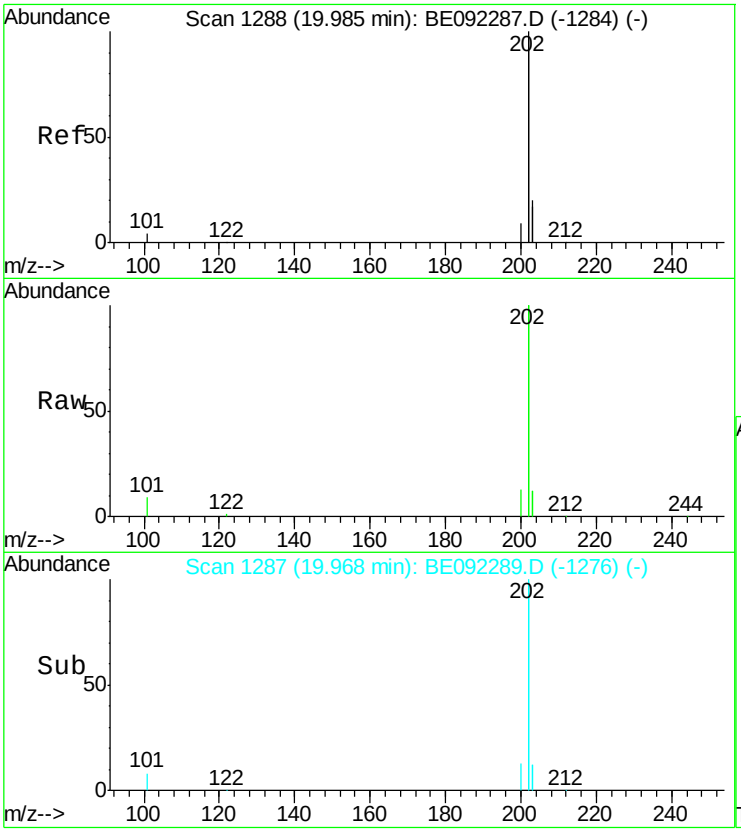


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:240 Resp: 78024

Ion	Ratio	Lower	Upper
240	100		
120	4.0	1.2	1.8#
236	29.3	17.1	25.7#

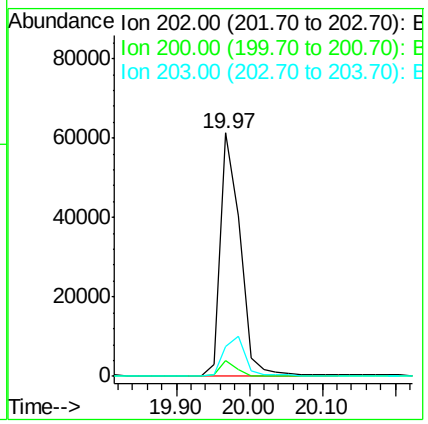




#25
Pyrene
Concen: 1.23 ng
RT: 19.97 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:202 Resp: 113702

Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.2	6.4
203	17.2	14.0	21.0



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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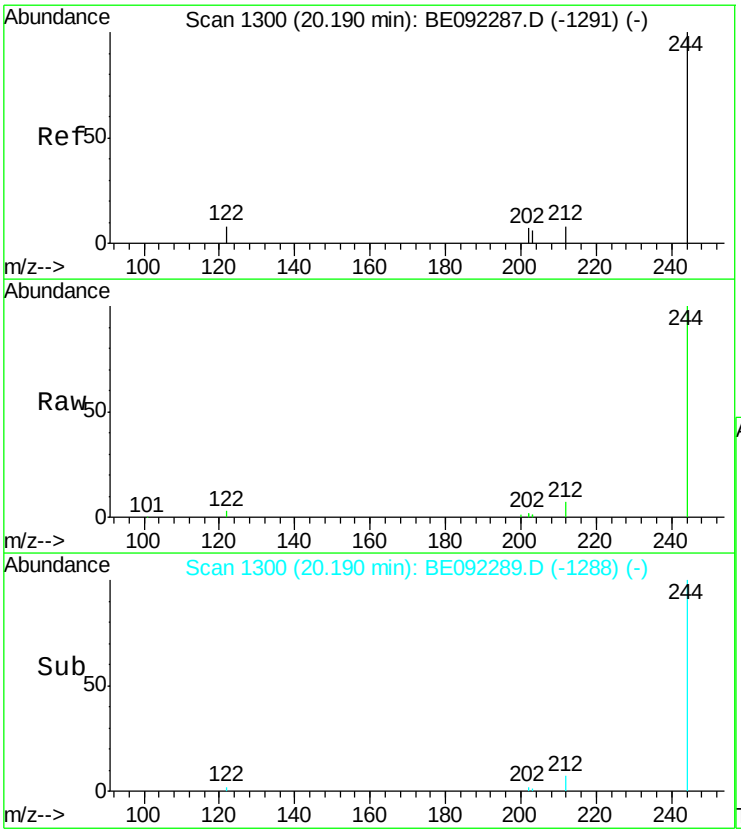
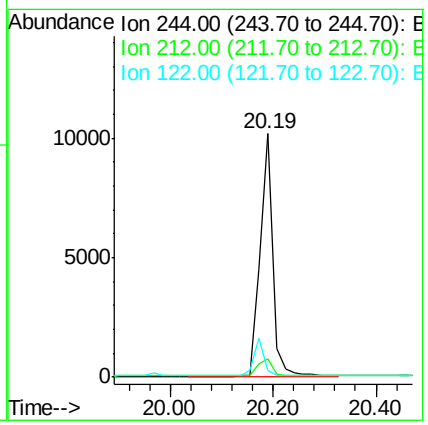
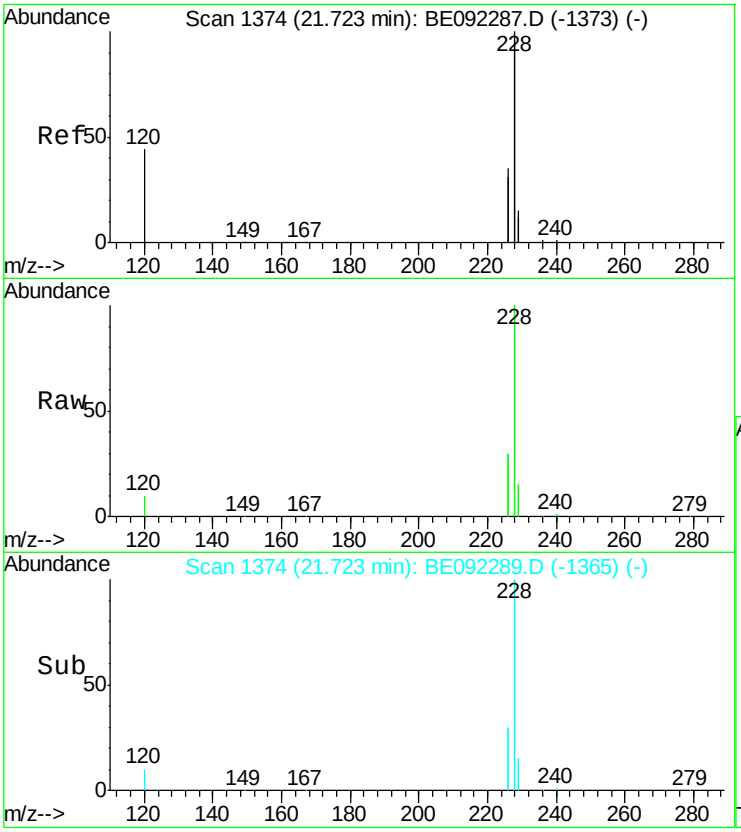


#26
Terphenyl-d14
Concen: 1.27 ng
RT: 20.19 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:244 Resp: 16793

Ion	Ratio	Lower	Upper
244	100		
212	7.5	10.2	15.2#
122	2.8	15.9	23.9#





#27
Benzo(a)anthracene
Concen: 1.34 ng m
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:228 Resp: 125317

Ion	Ratio	Lower	Upper
228	100		
226	30.3	15.9	23.9#
229	15.1	22.4	33.6#

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
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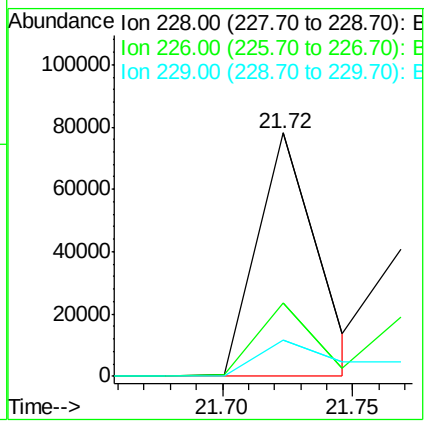
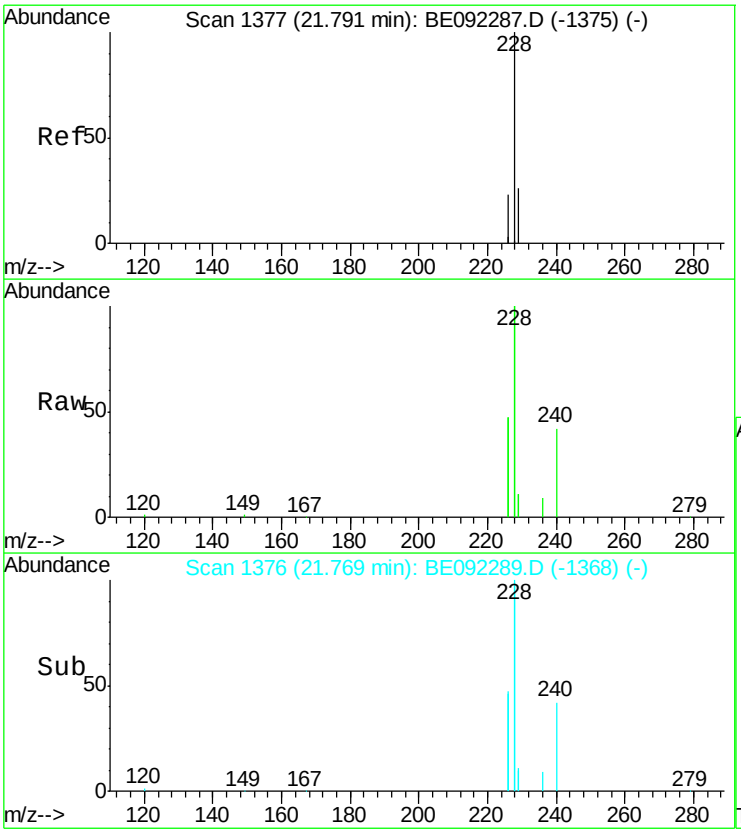
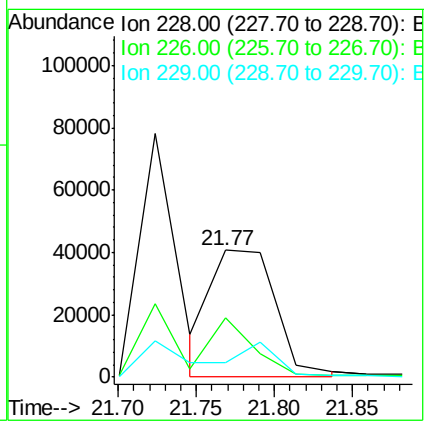


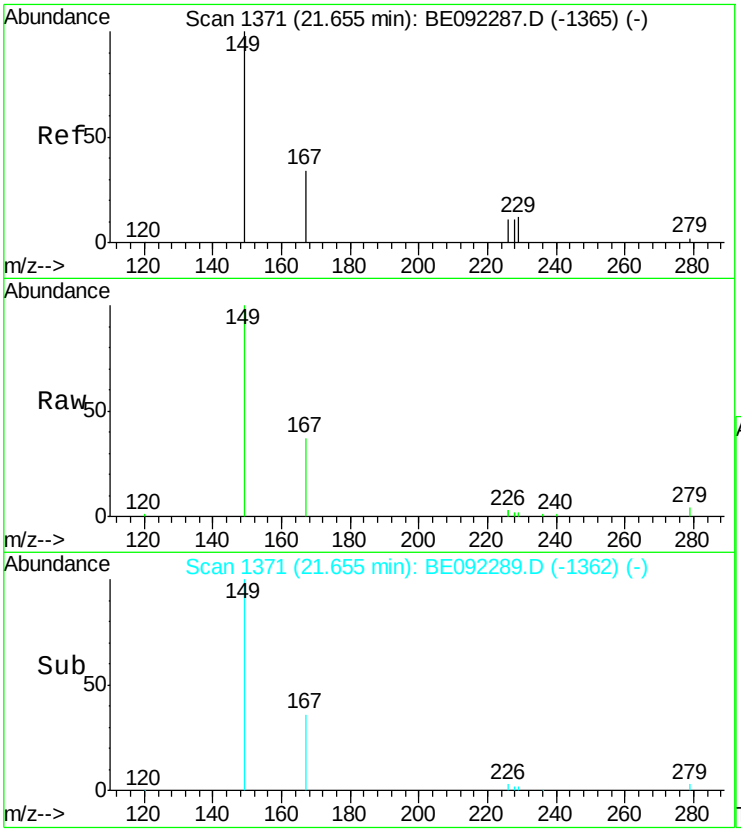


#28
Chrysene
Concen: 1.35 ng m
RT: 21.77 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:228 Resp: 117119

Ion	Ratio	Lower	Upper
228	100		
226	46.7	18.3	27.5#
229	11.0	18.6	27.8#





#29
Bis(2-ethylhexyl)phthalate
Concen: 0.67 ng
RT: 21.66 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:149 Resp: 8107

Ion	Ratio	Lower	Upper
149	100		
167	30.3	22.1	33.1
279	2.9	0.0	0.0#

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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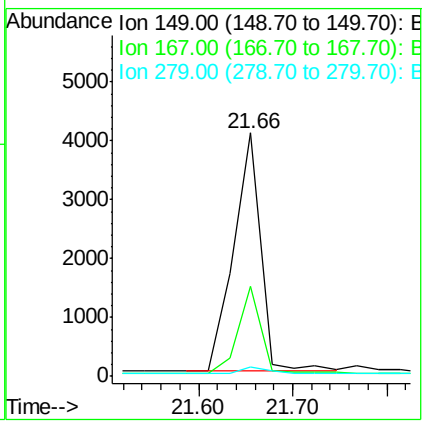
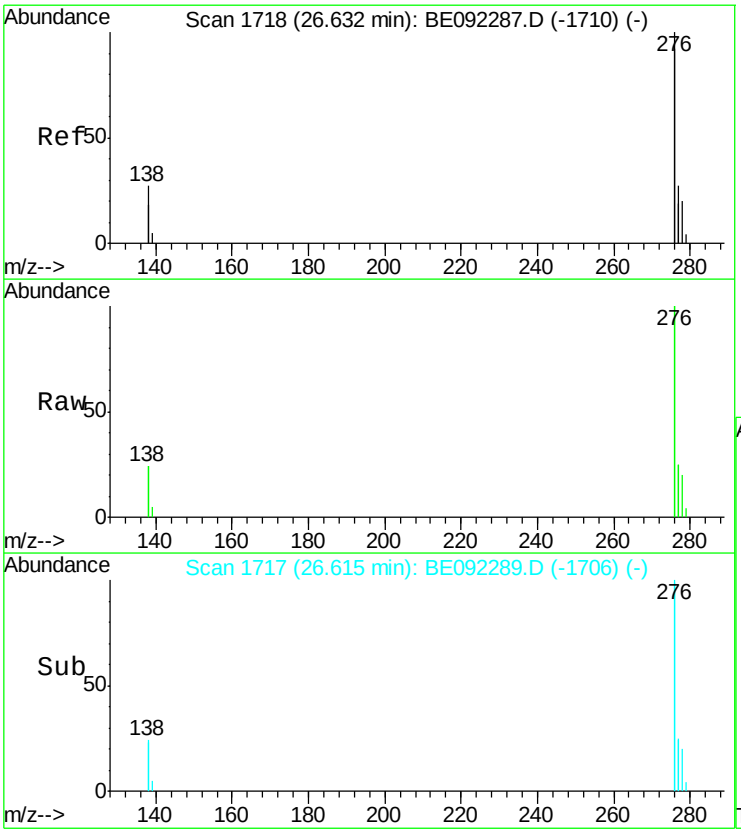
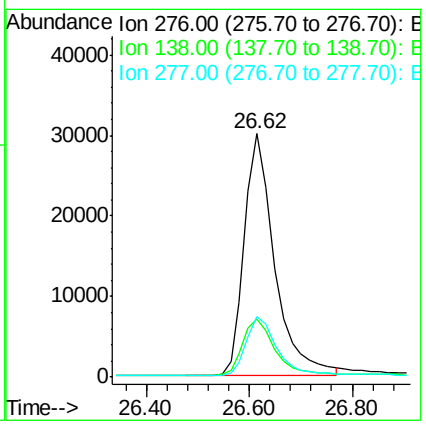


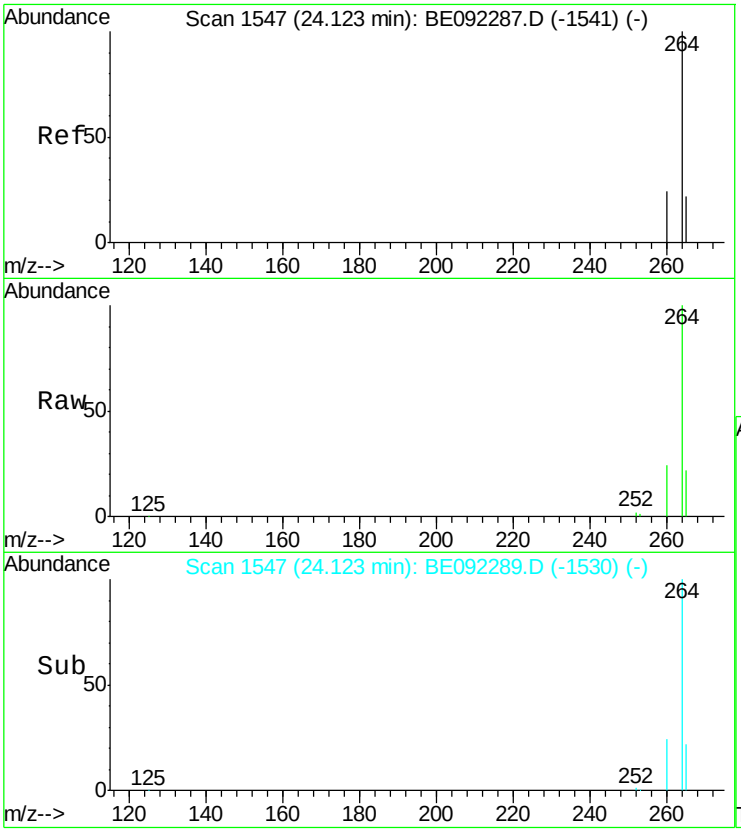


#30
Indeno(1,2,3-cd)pyrene
Concen: 1.32 ng
RT: 26.62 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:276 Resp: 122584

Ion	Ratio	Lower	Upper
276	100		
138	25.1	21.3	31.9
277	24.7	19.7	29.5

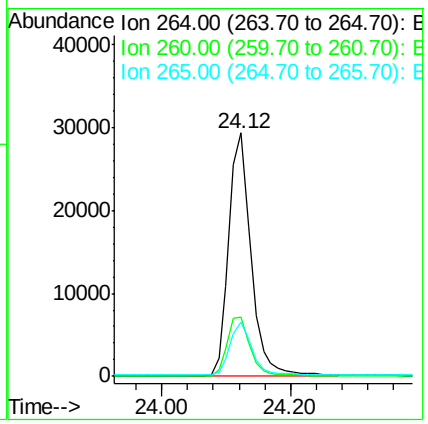




#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:264 Resp: 70261

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.5	18.2	27.4



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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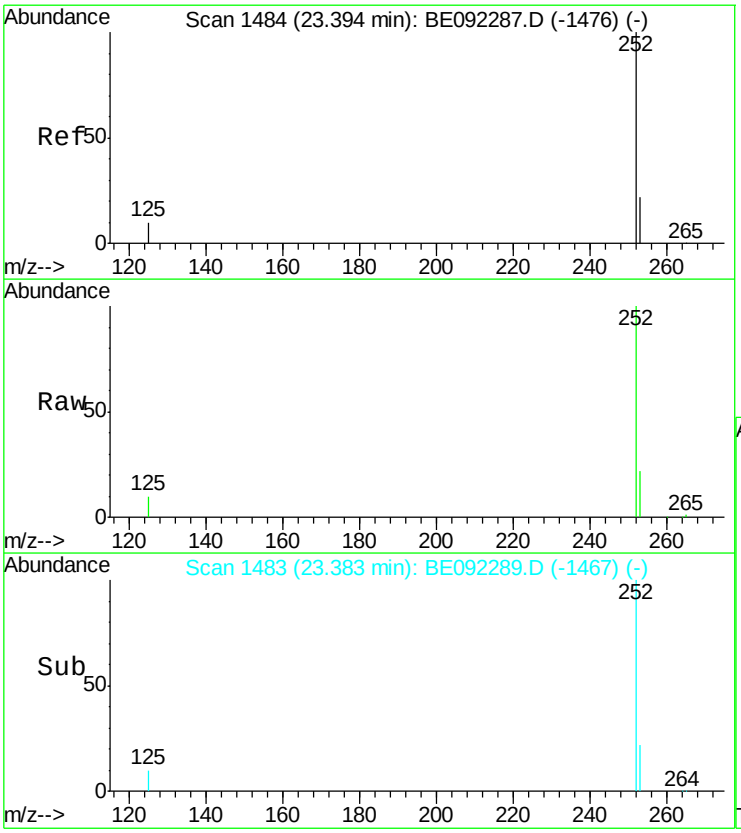
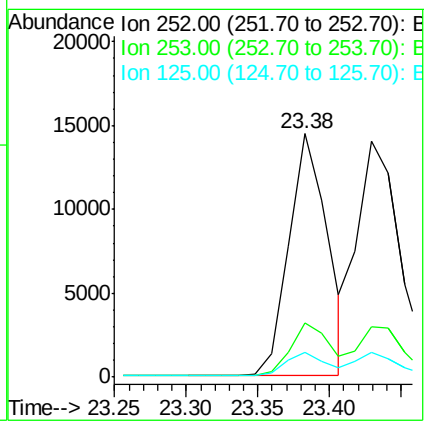
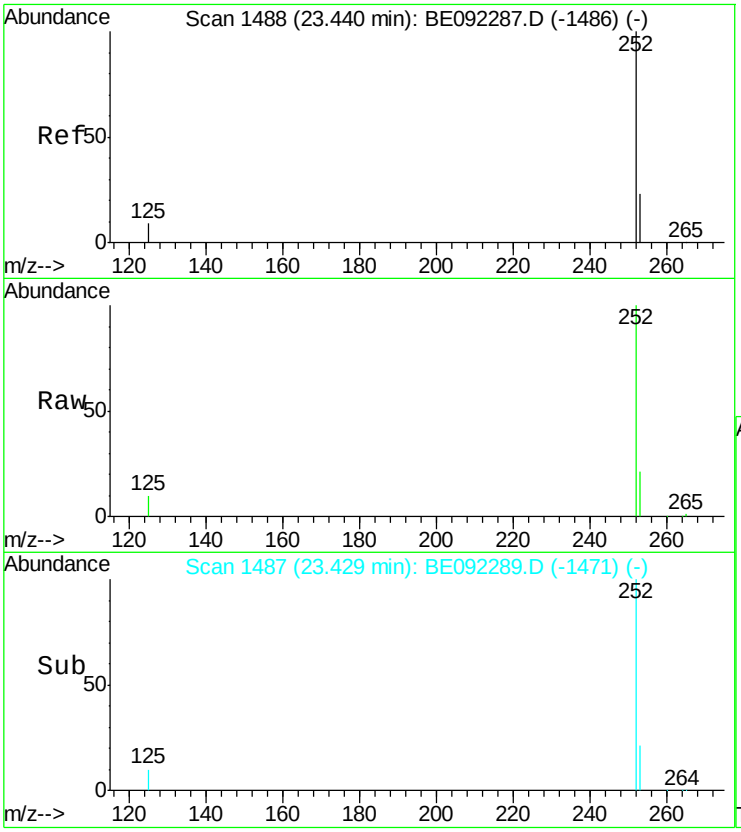


#32
Benzo(b)fluoranthene
Concen: 1.47 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:252 Resp: 27039

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.0	28.4
125	10.4	10.3	15.5





#33
Benzo(k)fluoranthene
Concen: 1.65 ng
RT: 23.43 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:252 Resp: 30768

Ion	Ratio	Lower	Upper
252	100		
253	21.1	19.0	28.6
125	10.5	10.6	15.8#

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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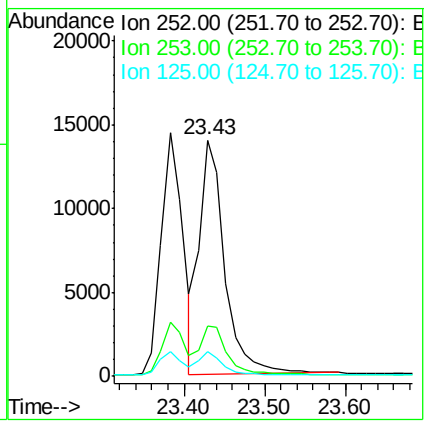
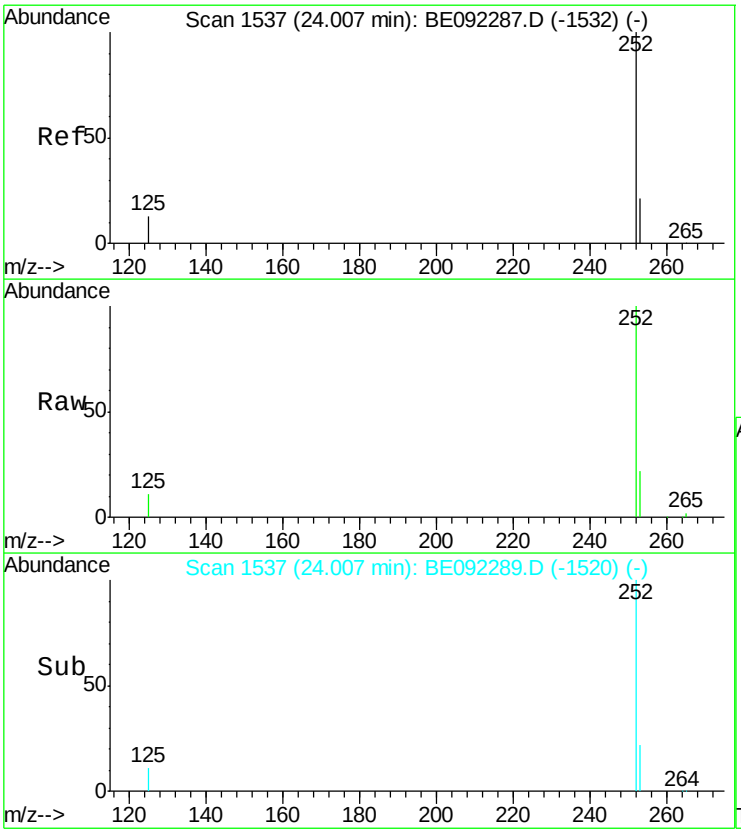
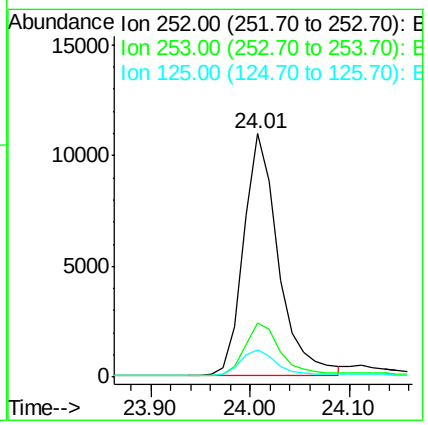


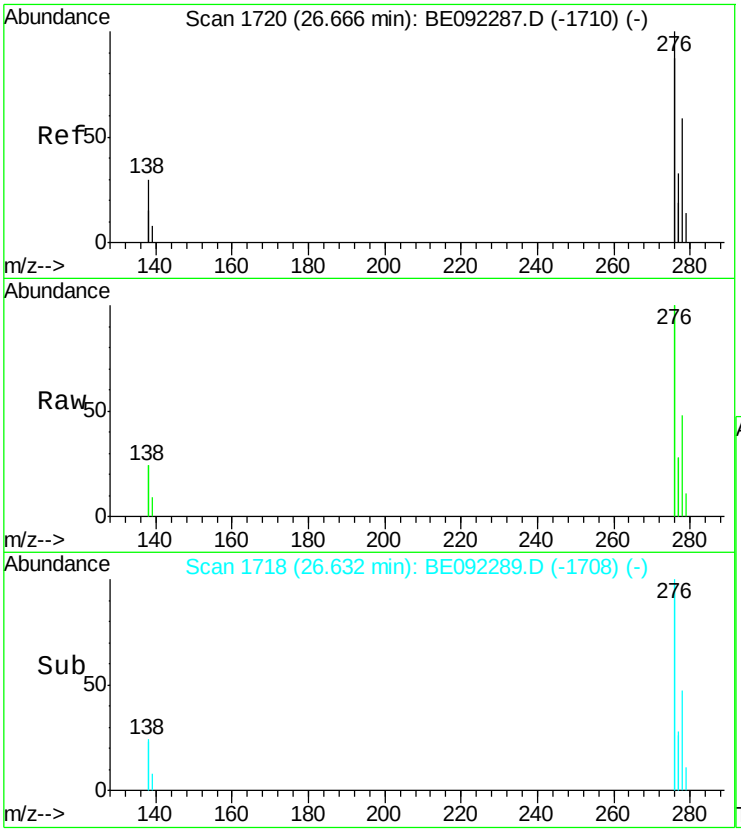


#34
Benzo(a)pyrene
Concen: 1.52 ng
RT: 24.01 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:252 Resp: 26351

Ion	Ratio	Lower	Upper
252	100		
253	22.4	20.3	30.5
125	11.5	11.8	17.6#

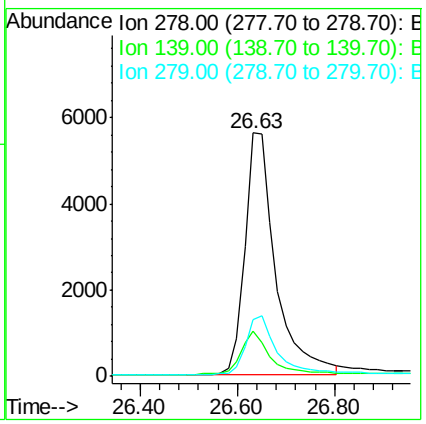




#35
Dibenzo(a,h)anthracene
Concen: 1.53 ng
RT: 26.63 min Scan# 1718
Delta R.T. -0.03 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:278 Resp: 24700

Ion	Ratio	Lower	Upper
278	100		
139	18.4	16.2	24.2
279	23.5	21.4	32.2



Instrument :
BNA_E
ClientSampleId :
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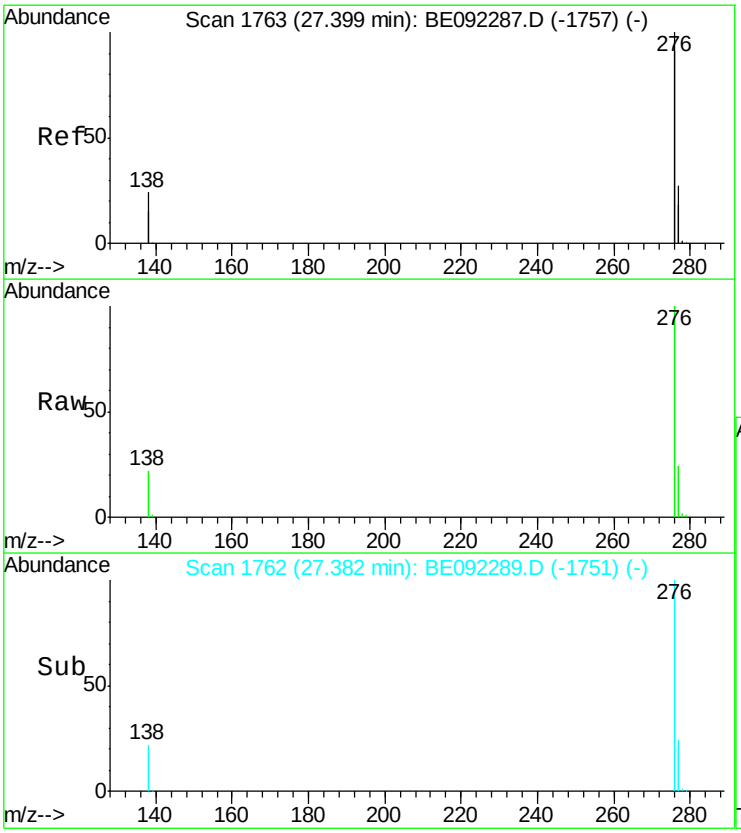

#36
Benzo(g,h,i)perylene
Concen: 1.52 ng
RT: 27.38 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BE092289.D
Acq: 29 Aug 2016 14:35

Tgt Ion:276 Resp: 105812

Ion	Ratio	Lower	Upper
276	100		
277	23.8	21.4	32.2
138	22.1	19.4	29.2